#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

**Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** Record Count: 934 Total Support: 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date College of Engineering CHEMICAL ENGINEERING - CHNE F Chmelka Bradley Princeton University HIGHER ED Mechanisms of Hydration and Setting of Ordinary Portland Cement in Simple and Complex 7.5 83,553 22,312 7/5/2012 7/4/2014 Systems Chevron Corporation **INDUSTRY** Molecular compositions and structures of heteroatom sites and dispersed Pt species in 2.0 100,000 10/1/2012 12/31/2014 29,189 heterogeneous catalysts from solid-state 2D and 195Pt NMR Halliburton **INDUSTRY** Monitoring and Undestanding Cement Hydration at a Molecular Level: Compositions, 5.0 150,797 46,803 1/1/2014 12/31/2014 Structures, and Conditions for Controlling Cement Properties Total CHNE, Chmelka record(s): 3 334,350 98,304 Dassau Eyal Juvenile Diabetes Research Foundation International **NOT PROFIT** Fault Detection and Risk Mitigation System for the Artificial Pancreas 10.0 465,037 12,776 11/1/2013 10/31/2014 HIGHER ED Stanford University

| FAULT DETECT  | ULT DETECTION ALGORITHMS FOR RISK MITIGATION IN ARTIFICIAL PANCREAS SYSTEMS 10.0 | PANCREAS SYSTEMS 10.0 | 79,376  | 7,216  | 11/1/2013 | 10/31/2014 |
|---------------|--|-----------------------|---------|--------|-----------|------------|
| Total CHNE,   | Dassau record(s):  | 2                     | 544,413 | 19,992 |           |            |
| Daugherty     | Patrick S.   |                       |         |        |           |            |
| NIH Allergy & | Infectious Diseases, National Institute Of                                       | FEDERAL               |         |        |           |            |
| Antibody Repe | ertoire Characterization in Celiac Disease                                       | 2.0                   | 12,440  | 4,229  | 1/1/2013  | 12/31/2013 |
| NIH Allergy & | Infectious Diseases, National Institute Of                                       | FEDERAL               |         |        |           |            |
| Antibody Repe | ertoire Characterization in Celiac Disease                                       | 2.0                   | 278,620 | 59,891 | 1/1/2014  | 12/31/2014 |
| NIH General M | ledical Sciences, National Institute Of  | FEDERAL               | -       |        |           |            |

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|--|-----------|---------------|----------------|------------|------------|
| College/Department/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date   |
| Measurement of protease activity in vivo   | 10.0      | 320,661       | 81,553         | 2/1/2014   | 1/31/2015  |
| NIH General Medical Sciences, National Institute Of  | FEDERAL   |               |                |            |            |
| Measurement of protease activity in vivo   | 10.0      | 35,629        | 12,112         | 2/1/2014   | 1/31/2015  |
| Total CHNE, Daugherty record(s):   | 4         | 647,350       | 157,785        |            |            |
| Doherty Michael Francis  |           |               |                |            |            |
| National Science Foundation-NSF  | FEDERAL   |               |                |            |            |
| SusChEM: Carbon Capture and Utilization by Controlled Carbonate Mineralization   | 5.0       | 547,545       | 157,858        | 8/1/2013   | 7/31/2016  |
| Bristol-Myers Squibb Company (Incl Xomed-Treace, Apothecon)  | INDUSTRY  |               |                |            |            |
| Advanced Design and Development of Industrial Crystallization Technology (ADDICT): A Software Design Aid for API Crystallization | 2.0       | 50,000        | 17,320         | 12/1/2013  | 11/30/2015 |
| Eli Lilly & Co. (Incl Ivac Corp, Applied Molecular Evolution, Inc.)  | INDUSTRY  |               |                |            |            |
| Lilly Innovation Fellowship Award  | 2.0       | 45,000        | 0              | 3/12/2013  | 3/11/2015  |
| Pfizer Inc. (Incl Warner-Lamber And Parke-Davis)   | INDUSTRY  |               |                | ·          |            |
| Advanced Design and Development of Industrial Crystallization Technology (ADDICT): A Software Design Aid for Crystallization     | 2.0       | 100,000       | 34,762         | 12/1/2013  | 11/30/2015 |
| Total CHNE, Doherty record(s):   | 4         | 742,545       | 209,940        |            |            |
| Doyle Francis Joseph   |           |               |                |            |            |
| DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
| Task Order 29: Emotions and Facial Expressions of Virtual Agents   | 25.0      | 101,346       | 26,350         | 9/19/2013  | 9/19/2014  |
| DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
| Task 33: Photonic and Electronic Materials (PEM)   | 25.0      | 953,538       | 190,578        | 12/1/2013  | 11/30/2014 |
| DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
| Task 34: Cellular Structural Materials   | 25.0      | 584,472       | 116,134        | 12/1/2013  | 11/30/2014 |
| DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
| Task 35: BioTechnology Tools   | 25.0      | 1,369,610     | 141,665        | 12/1/2013  | 11/30/2014 |
| DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |

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| artment/Pl | PI Sponsor/Sposnor Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|------------|--|-----------|---------------|----------------|------------|------------|
| Ta         | ask Order 36: Cognitive NeuroScience   | 25.0      | 760,646       | 212,473        | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
|            | ask 27: Bio-Inspired Synchronization and Sensors for Distributed Mobile Gunfire Detection nhancing Situational Awareness | 25.0      | 262,500       | 28,931         | 3/15/2013  | 4/14/2015  |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
| Ta         | ask 30: Administration   | 25.0      | 1,032,673     | 304,207        | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
| Ta         | ask Order 31: Systems and Synthetic Biology (SSB)  | 25.0      | 1,027,700     | 89,267         | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
| Ta         | ask Order 32: Control and Dynamical Systems  | 25.0      | 880,571       | 217,156        | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
|            | ask 26: Automation through Neurally-Decoded Intent (ANDI) for Crew Station Tasks and interaction                         | 25.0      | 30,000        | 0              | 4/19/2013  | 4/19/2015  |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               | ,              |            |            |
|            | ask 27: Bio-Inspired Synchronization and Sensors for Distributed Mobile Gunfire Detection nhancing Situational Awareness | 25.0      | 217,500       | 27,466         | 3/15/2013  | 4/14/2014  |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               | ,              |            |            |
|            | ask 26: Automation through Neurally-Decoded Intent (ANDI) for Crew Station Tasks and interaction                         | 25.0      | 232,487       | 36,791         | 4/19/2013  | 4/18/2014  |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
| Ta         | ask 33: Photonic and Electronic Materials (PEM)  | 25.0      | 714,071       | 142,717        | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |
| Ta         | ask Order 36: Cognitive NeuroScience   | 25.0      | 569,623       | 159,114        | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               | ,              | ,          |            |
| Ta         | ask Order 32: Control and Dynamical Systems  | 25.0      | 659,429       | 162,621        | 12/1/2013  | 11/30/2014 |
| D/         | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL   |               |                |            |            |

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|-------------------|--|-----------|---------------|----------------|------------|------------|
|                   | Task 38: Institute for Collaborative Biotechnologies Systems and Synthetic Biology Undergraduate Research Apprenticeship Program | 25.0      | 26,742        | 8,184          | 5/9/2014   | 5/10/2015  |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|                   | Continuation Study: A Systems Approach to Understanding Post-Traumatic Stress Disorder   | 5.0       | 1,400,000     | 226,901        | 9/23/2010  | 10/31/2014 |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|                   | Task Order 31: Systems and Synthetic Biology (SSB)   | 25.0      | 769,609       | 66,849         | 12/1/2013  | 11/30/2014 |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|                   | Task 30: Administration  | 25.0      | 774,713       | 228,216        | 12/1/2013  | 11/30/2014 |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|                   | Task 34: Cellular Structural Materials   | 25.0      | 437,691       | 86,969         | 12/1/2013  | 11/30/2014 |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|                   | Task 35: BioTechnology Tools   | 25.0      | 1,025,653     | 106,088        | 12/1/2013  | 11/30/2014 |
|                   | DA Army Misc Bases And Agencies  | FEDERAL   |               |                |            |            |
|                   | Task 37: Supervisory Controller for Optimal Role Allocation for Cueing of Human Operators (SCORCH)                               | 25.0      | 231,000       | 38,211         | 5/27/2014  | 5/26/2015  |
|                   | DA Army Misc Bases And Agencies  | FEDERAL   |               |                |            |            |
|                   | Systems Biology of Coagulation and Trauma-Induced Coagulopathy   | 5.0       | 837,080       | 163,774        | 9/30/2010  | 12/14/2014 |
|                   | NIH Diabetes, Digestive & Kidney Diseases, National Institute Of   | FEDERAL   |               |                |            |            |
|                   | Closed-Loop Artificial Pancreas: Algorithm Engineering and Clinical Evaluation   | 5.0       | 649,624       | 112,949        | 9/1/2013   | 8/31/2015  |
|                   | NIH Diabetes, Digestive & Kidney Diseases, National Institute Of   | FEDERAL   |               | ,              |            |            |
|                   | Ambulatory Artificial Pancreas: merging physiology, behavior, and control design   | 5.0       | 101,175       | 35,263         | 7/1/2014   | 6/30/2015  |
|                   | University Of Virginia   | HIGHER ED |               | ,              |            |            |
|                   | Systems Approach to Closed-Loop Control of Type 1 Diabetes at Home   | 10.0      | 181,061       | 4,369          | 9/1/2013   | 8/31/2014  |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|                   | Institute for Collaborative Biotechnologies - Task Order 1   | 25.0      | 693,045       | 118,725        | 12/22/2008 | 6/30/2014  |
|                   | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                | ,          |            |

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|                      | ansum Diabetes Research Institute<br>easibility Study Assessing the Ability of an Insulin Pump-Controlling Algorithm to Minimize                            | NOT PROFIT<br>2.0 | 84,792        | 29,372         | 6/1/2013   | 11/30/2013 |
|----------------------|---|-------------------|---------------|----------------|------------|------------|
| <u>P</u>             | nstitute for Collaborative Biotechnologies: Task 23- "Stable, High Affinity and High Selectivity rotein Capture Agents for Improving BioDetection Assays"   |                   | 525,000       | 0              | 5/1/2012   | 4/30/2015  |
|                      | OA Army Research, Durham, N.C. Office (AROD)  | FEDERAL           | F3F 000       | 0              | F/1/2012   | 4/20/2015  |
| <u>B</u>             | nstitute for Collaborative Biotechnologies: Task 24 "Ultra-Lightweight Nano-Assembled latteries for Portable Power and Unmanned Aerial Vehicle Applications | 25.0              | 284,500       | 0              | 5/1/2012   | 9/30/2014  |
|                      | A Army Research, Durham, N.C. Office (AROD)   | FEDERAL           |               |                |            |            |
|                      | nstitute for Collaborative Biotechnologies: Task 23- "Stable, High Affinity and High Selectivity rotein Capture Agents for Improving BioDetection Assays"   | 25.0              | 225,000       | 0              | 5/1/2012   | 4/30/2014  |
| D                    | A Army Research, Durham, N.C. Office (AROD)   | FEDERAL           |               |                |            |            |
|                      | ask Order 21: "BioNav: Biomimetic UAV-Based System for Soldier Navigation and Situation wareness" (Lockheed 6.2)  | 25.0              | 10,050        | 1,120          | 3/10/2011  | 5/31/201   |
|                      | DA Army Research, Durham, N.C. Office (AROD)  | FEDERAL           |               |                |            |            |
| I                    | nstitute for Collaborative Biotechnologies - Task Order 7   | 25.0              | 864,884       | 247,639        | 2/6/2009   | 6/30/2014  |
|                      | DA Army Research, Durham, N.C. Office (AROD)  | FEDERAL           |               |                |            |            |
|                      | nstitute for Collaborative Biotechnologies  | 25.0              | 0             | 0              | 12/1/2008  | 11/30/201  |
| <del>-</del>         | DA Army Research, Durham, N.C. Office (AROD)  | FEDERAL           | 090,439       | 109,393        | 1/20/2009  | 0/30/201   |
|                      | nstitute for Collaborative Biotechnologies - Task Order 6   | 25.0              | 696,459       | 189,395        | 1/26/2009  | 6/30/2014  |
| _                    | nstitute for Collaborative Biotechnologies - Task Order 5  A Army Research, Durham, N.C. Office (AROD)  | 25.0<br>FEDERAL   | 834,158       | 98,289         | 1/26/2009  | 6/30/2014  |
|                      | A Army Research, Durham, N.C. Office (AROD)   | FEDERAL           | 024.150       | 00 200         | 1/26/2000  | 6/20/201   |
| _                    | nstitute for Collaborative Biotechnologies - Task Order 4   | 25.0              | 1,462,336     | 260,816        | 1/26/2009  | 6/30/201   |
|                      | A Army Research, Durham, N.C. Office (AROD)   | FEDERAL           |               |                |            |            |
| _                    | nstitute for Collaborative Biotechnologies - Task Order 3   | 25.0              | 968,442       | 135,692        | 1/26/2009  | 6/30/201   |
| College/Department/I | PI Sponsor/Sposnor Category/Title   | PI % Time         | Total Support | Indirect Costs | Start date | End date   |

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| Fredrickson Glenn H   |           |                                       |                |            |           |
| National Science Foundation-NSF   | FEDERAL   |                                       |                |            |           |
| Methods and Applications of Computational Polymer Field Theory  | 5.0       | 130,370                               | 37,421         | 8/1/2012   | 7/31/2015 |
| National Science Foundation-NSF   | FEDERAL   | · · · · · · · · · · · · · · · · · · · |                |            |           |
| Workshop on Opportunities in Theoretical and Computational Polymeric Materials and Soft Matter                                    | 2.0       | 91,568                                | 2,917          | 8/15/2013  | 7/31/2014 |
| National Science Foundation-NSF   | FEDERAL   |                                       |                |            |           |
| DMREF: Collaborative: Computationally Driven Discovery and Engineering of Multiblock Poly Nanostructures Using Genetic Algorithms | mer5.0    | 390,000                               | 116,487        | 9/1/2013   | 8/31/2016 |
| Intel Corporation   | INDUSTRY  |                                       |                |            |           |
| Field-Based Simulations of Directed Self-Assembly   | 1.0       | 65,000                                | 20,748         | 9/15/2010  | 5/31/2014 |
| Intel Corporation   | INDUSTRY  |                                       |                |            |           |
| Directed Self Assembly Modeling & Simulation  | 1.0       | 110,000                               | 31,884         | 9/15/2010  | 5/31/2015 |
| Mitsubishi (Mitsu Electric Usa, Chem, Pharma, Mitils) (Japan)   | INDUSTRY  |                                       |                |            |           |
| Mitsubishi Chemical Center for Advanced Materials   | 15.0      | 1,010,000                             | 0              | 4/21/2001  | 8/31/2014 |
| Mitsubishi (Mitsu Electric Usa, Chem, Pharma, Mitils) (Japan)   | INDUSTRY  |                                       |                |            |           |
| Mitsubishi Chemical Center for Advanced Materials   | 2.0       | 150,000                               | 0              | 4/21/2001  | 8/31/2018 |
| Mitsubishi (Mitsu Electric Usa, Chem, Pharma, Mitils) (Japan)   | INDUSTRY  |                                       |                |            |           |
| Mitsubishi Chemical Center for Advanced Materials   | 5.0       | 100,000                               | 0              | 12/1/2011  | 12/1/2014 |
| Total CHNE, Fredrickson record(s):  | 8         | 2,046,938                             | 209,457        |            |           |
| Gordon Michael  |           |                                       |                |            |           |
| National Science Foundation-NSF   | FEDERAL   |                                       |                |            |           |
| CAREER: Manipulating Near-Field Optical Interactions for Nanoscale Chemical Imaging   | 5.0       | 85,539                                | 22,975         | 2/1/2010   | 1/31/2015 |
| Total CHNE, Gordon record(s):   | 1         | 85,539                                | 22,975         | '          |           |
| Helgeson Matthew E.   |           |                                       |                |            |           |
| National Science Foundation-NSF   | FEDERAL   |                                       |                |            |           |

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| CAREER: Engineering colloidal assembly of nanoemulsions for material design   | 10.0       | 400,045       | 105,525        | 2/1/2014   | 1/31/2019  |
| Total CHNE, Helgeson record(s):   | 1          | 400,045       | 105,525        |            |            |
| Israelachvili Jacob N   | ·          |               |                | ,          |            |
| UC Los Angeles  | UC         |               |                |            |            |
| Inorganic Polymers: Novel OPC-Free Binders for Transportation Infrastructure  | 2.0        | 109,819       | 32,202         | 9/20/2013  | 9/19/2014  |
| UC Los Angeles  | UC         |               |                |            |            |
| Inorganic Polymers: Novel OPC-Free Binders for Transportation Infrastructure  | 2.0        | 110,392       | 32,017         | 9/20/2014  | 9/19/2015  |
| Aramco Services Company   | INDUSTRY   |               |                |            |            |
| Gulf Crude Oil-Rock-Brine interactions at the nano to the macro scales  | 10.0       | 1,352,888     | 396,175        | 2/1/2014   | 1/31/2017  |
| DOE Miscellaneous Offices and Programs  | FEDERAL    |               |                |            |            |
| Relationships between the chemistry and physical interaction forces (adhesion, friction & lubrication) between closely apposed surfaces in liquids. | 10.0       | 282,000       | 85,718         | 9/1/1987   | 2/28/2017  |
| Total CHNE, Israelachvili record(s):  | 4          | 1,855,099     | 546,112        |            |            |
| Leal Leslie Gary  | '          |               |                |            |            |
| Los Alamos National Security, LLC   | NOT PROFIT |               |                |            |            |
| Institute for Multiscale Materials Studies (IMMS)   | 5.0        | 35,000        | 8,396          | 1/1/2011   | 12/31/2013 |
| Los Alamos National Security, LLC   | NOT PROFIT |               |                |            |            |
| Institute for Multiscale Materials Studies (IMMS)   | 5.0        | 35,000        | 8,396          | 1/1/2011   | 9/30/2014  |
| Total CHNE, Leal record(s):   | 2          | 70,000        | 16,792         |            |            |
| Mcfarland Eric W  |            |               |                |            |            |
| University of Kansas (Incl KU Medical Center)   | HIGHER ED  |               |                |            |            |
| EFRI-RESTOR: Regenerative Hydrogen-Bromine Fuel Cell System for Energy Storage  | 15.0       | 227,870       | 71,564         | 8/15/2010  | 7/31/2015  |
| Hypersolar  | INDUSTRY   |               |                |            |            |
| HyperSolar, Inc   | 2.0        | 50,045        | 17,336         | 2/1/2012   | 12/31/2013 |

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|                      | Hypersolar   | INDUSTRY  |               |                |            |            |
|                      | HyperSolar, Inc  | 2.0       | 43,459        | 15,054         | 2/1/2012   | 12/31/2014 |
|                      | Total CHNE, Mcfarland record(s):   | 3         | 321,374       | 103,954        |            |            |
| Mitrag               | potri Samir Suresh   |           |               |                |            |            |
|                      | CFD Research Corporation   | INDUSTRY  |               |                |            |            |
|                      | A Novel Microfluidic Device for Selection and Optimization of Drug Delivery Vehicles   | 2.0       | 58,562        | 13,408         | 9/26/2012  | 7/31/2015  |
|                      | NIH Diabetes, Digestive & Kidney Diseases, National Institute Of   | FEDERAL   |               |                |            |            |
|                      | Orally bioactive exenatie and insulin for type II diabetes   | 10.0      | 303,147       | 82,754         | 7/5/2013   | 6/30/2014  |
|                      | Genentech, Inc.  | INDUSTRY  |               |                |            |            |
|                      | Nanoparticles for site-specific targeted delivery of drugs   | 2.0       | 100,000       | 34,641         | 11/1/2009  | 10/31/2014 |
|                      | Sebacia  | INDUSTRY  |               |                |            |            |
|                      | Delivery of Topically Applied Nanoshells into Sebaceous Glands   | 2.0       | 8,855         | 3,067          | 5/4/2012   | 10/31/2013 |
|                      | Total CHNE, Mitragotri record(s):  | 4         | 470,564       | 133,870        |            |            |
| Odett                | e George R   |           |               |                |            |            |
|                      | DOE Chicago Field Office   | FEDERAL   |               |                |            |            |
|                      | Development and Qualification of Advanced Alloys Used in High Helium and Displacement<br>Damage Service for Fusion Energy Applications | 10.0      | 500,000       | 167,387        | 6/1/1994   | 8/31/2014  |
|                      | DOE Miscellaneous Offices And Programs   | FEDERAL   |               |                |            |            |
|                      | Ductile-Phase Toughened Tungsten for Plasma Facing Materials Pacific Northwest National Laboratory                                     | 0.2       | 250,000       | 84,984         | 8/1/2012   | 7/31/2014  |
|                      | University Of Michigan (Incl William Davidson Institute)   | HIGHER ED |               |                | '          |            |
|                      | High Fidelity Ion Beam Simulation of High Dose Neutron Irradiation   | 5.0       | 55,181        | 19,115         | 3/1/2014   | 2/28/2015  |
|                      | Total CHNE, Odette record(s):  | 3         | 805,181       | 271,486        |            |            |
| O'Mal                | ley Michelle Ann   |           |               |                |            |            |
|                      | DOE Miscellaneous Offices And Programs   | FEDERAL   |               |                |            |            |
|                      | Engineering Anaerobic Gut Fungi for Lignocellulose Breadown  | 5.0       | 150,000       | 45,814         | 7/15/2013  | 7/14/2015  |

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**Parameters:** 

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Report Totals:

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| artmen | /PI Sponsor/Sposnor Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|--------|---|------------|---------------|----------------|------------|------------|
|        | Mitsubishi Group (Japan)  | INDUSTRY   |               |                |            |            |
|        | MRC-NRT-03: Bio-based Production of Methacrylic Acid (MAA) and Methyl Methacrylate (MMA)  | 5.0        | 0             | 0              | 9/1/2012   | 8/31/2014  |
|        | American Heart Assn-Western States Affiliate (Frmly Cal Affiliate)  | NOT PROFIT |               |                |            |            |
|        | Mechanistic Insight into the Oligomerization of Human Adenosine Receptors   | 10.0       | 70,000        | 6,364          | 1/1/2014   | 12/31/2014 |
|        | UC Cancer Research Coordinating Committee   | UC         |               |                |            |            |
|        | A novel microbial system to screen GPCR crosstalk during cancer proliferation   | 2.0        | 50,000        | 0              | 7/1/2014   | 6/30/2015  |
|        | Total CHNE, O'Malley record(s):   | 4          | 270,000       | 52,178         |            |            |
| Scott  | Susannah Lesley   |            |               |                |            |            |
|        | National Science Foundation-NSF   | FEDERAL    |               |                |            |            |
|        | PIRE: Advancing the US-China Partnership in Electron Chemistry and Catalysis at Interfaces  | 10.0       | 100,000       | 27,811         | 8/1/2010   | 7/31/2015  |
| ī      | University Of Washington  | HIGHER ED  |               |                |            |            |
|        | Center for Enabling New Technologies through Catalysis (CENTC)  | 1.0        | 5,383         | 133            | 8/1/2012   | 7/31/2013  |
|        | University Of Washington  | HIGHER ED  |               |                |            |            |
|        | Center for Enabling New Technologies through Catalysis (CENTC)  | 1.0        | 231,578       | 74,441         | 8/1/2012   | 8/31/2014  |
|        | DOE Department of Energy  | FEDERAL    |               |                | ·          |            |
|        | Hierarchical Design of Supported Organometallic Catalysts for Hydrocarbon Transformations: Structures and Dynamics of the Active Site | 10.0       | 550,000       | 125,581        | 9/15/2003  | 9/14/2015  |
|        | Total CHNE, Scott record(s):  | 4          | 886,961       | 227,966        |            |            |
| Segal  | man Rachel  |            |               |                |            |            |
|        | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|        | PECASE: Bioinspired Polymer Brushes and Thin Films for Antifouling Coatings   | 10.0       | 80,000        | 26,569         | 7/1/2014   | 11/30/2016 |
|        | Camille & Henry Dreyfus Foundation  | NOT PROFIT |               |                |            |            |
|        | Functional Nanoscale Polymers for Energy Applications: Molecular Design, Self-Assembly and Structure-Device                           | 2.0        | 75,000        | 0              | 7/1/2014   | 5/31/2015  |
|        | Total CHNE, Segalman record(s):   | 2          | 155,000       | 26,569         |            |            |

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**Parameters:** 

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Record Count 034

| Total CHEMIC        | CAL ENG                    | INEERING - CHNE reco        | rd(s)  | 94         | 35,602,760    | 6,840,786      |            |          |
|---------------------|----------------------------|-----------------------------|--|------------|---------------|----------------|------------|----------|
| To                  | otal CHNE                  | E, Zisser record(s):        |  | 1          | 2,249,990     | 295,356        | ,          |          |
| An                  | n Implante                 | ed Intraperitoneal (IP-IP)  | Artificial Pancreas: A Quantum Leap Forward          | 33.0       | 2,249,990     | 295,356        | 11/12/2013 | 8/31/201 |
| NI                  | IH Diabete                 | es, Digestive & Kidney Dise | eases, National Institute Of                         | FEDERAL    |               |                |            |          |
| Zisser              |                            | Howard                      |  |            |               |                |            |          |
| To                  | otal CHNE                  | E, Squires record(s):       |  | 3          | 439,503       | 99,479         |            |          |
| <u>Li</u> r         | pid and Pro                | otein Effects on Monolaye   | r Stability  | 10.0       | 118,042       | 30,751         | 9/1/2011   | 8/31/20  |
| Un                  | niversity O                | f Minnesota                 |  | HIGHER ED  |               |                |            |          |
|                     | oject 3: In<br>nulsion sta |                             | surfactant monolayers and its effect on foam and     | 2.0        | 221,461       | 68,728         | 10/15/2011 | 10/31/20 |
| DC                  | OW Chemi                   | ical Company                |  | INDUSTRY   |               |                |            |          |
|                     | uspension i<br>occulation  | interactions via gradients  | generated in situ: breaking emulsions and triggering | 2.0        | 100,000       | 0              | 6/1/2014   | 8/31/20  |
| An                  | merican Ch                 | nemical Society             |  | NOT PROFIT |               |                |            |          |
| Squires             |                            |                             |  |            |               |                |            |          |
| To                  | otal CHNE                  | E, Shell record(s):         |  | 3          | 798,728       | 228,755        |            |          |
|                     | aterials Wo<br>obes        | orld Network: Fundamenta    | als of Peptide Materials Experimental and Simulation | 5.0        | 286,881       | 80,225         | 8/15/2013  | 7/31/20  |
| Na                  | ational Scie               | ence Foundation-NSF         |  | FEDERAL    |               |                |            |          |
| Мс                  | olecular ar                | nd Hybrid Simulations of N  | anobubble Stability                                  | 5.0        | 345,931       | 97,737         | 5/1/2014   | 4/30/20  |
| Na                  | ational Scie               | ence Foundation-NSF         |  | FEDERAL    |               |                |            |          |
| Nε                  | ew Concep                  | ots and Algorithms for Coa  | rse-Graining in Self-Assembling Systems              | 5.0        | 165,916       | 50,793         | 4/1/2013   | 3/31/20  |
| Na                  | ational Scie               | ence Foundation-NSF         |  | FEDERAL    |               |                |            |          |
| Shell               |                            | Michael                     |  |            |               |                |            |          |
| llege/Department/PI | I                          | Sponsor/Sposnor             | Category/Title                                       | PI % Time  | Total Support | Indirect Costs | Start date | End da   |
| tal Indirect Costs: | :                          | 43,872,798                  |  |            |               |                |            |          |
| tal Support:        | •                          | 208,882,613                 |  |            |               |                |            |          |

REPORT DATE:

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693,186

169,273

7/15/2014 Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date **COMPUTER SCIENCE - COMS** С Almeroth Kevin **FEDERAL** National Science Foundation-NSF GOALI: Maximizing Available Bandwidth in Next Generation WLANs 5.0 101,088 23,889 10/1/2013 9/30/2014 1 101,088 23,889 Total COMS, Almeroth record(s): Chong Frederic HIGHER ED Georgia Institute Of Technology "Optimized Resources and Architectures for Quantum aLgorithms (ORAQL)" 5.0 136,194 46,297 8/1/2011 8/31/2013 Georgia Institute Of Technology HIGHER ED "Optimized Resources and Architectures for Quantum aLgorithms (ORAQL)" 20,396 5.0 6,933 8/1/2011 9/30/2013 University of Southern California (Incl Kenneth Norris, Jr Cancer Ctr) HIGHER ED Aggressive Optimization and Resource Estimation of Next-Generation Quantum Computing 72,137 8/1/2011 5.0 23,937 8/31/2013 Systems Total COMS, Chong record(s): 3 228,727 77,167 Franklin Diana National Science Foundation-NSF **FEDERAL** CER: DEPICT: Developing Elementary (Learning) Progressions to Integrate Computational 5.0 16,000 0 11/1/2012 10/31/2015 Thinking (REU SUPPLEMENT) Total COMS, Franklin record(s): 1 16,000 0 Hardekopf Benjamin National Science Foundation-NSF **FEDERAL** CAREER: Static Analysis for Dynamic Languages 5.0 193,311 53,700 4/1/2014 3/31/2019 National Science Foundation-NSF **FEDERAL** 499,875 9/30/2016 SHF:Small:Static Analysis for Safe Browser Addons 5.0 115,573 10/1/2013

Total COMS, Hardekopf record(s):

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**FEDERAL** 

**Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: : **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 Sponsor/Sposnor Category/Title College/Department/PI PI % Time Total Support Indirect Costs Start date End date Hollerer **Tobias** Н **FEDERAL** DN Office Of Naval Research (ONR) A High-Fidelity Mixed Reality Simulator 5.0 320,461 0 7/31/2013 7/30/2014 DN Office Of Naval Research (ONR) **FEDERAL** 5.0 222,000 Augmented Reality Simulation for Design and Evaluation of Training Capabilities 36,270 1/1/2014 12/31/2016 **FEDERAL** DN Office Of Naval Research (ONR) 5.0 Augmented Reality Simulation for Design and Evaluation of Training Capabilities 100,000 24,415 1/1/2014 12/31/2016 **FEDERAL** DN Office Of Naval Research (ONR) Evaluating the effects of immersion on Naval training applications 5.0 150,000 21,002 1/1/2013 8/31/2014 4 792,461 81,687 Total COMS, Hollerer record(s): Richard Α Kemmerer **FEDERAL** DA Army Research, Wash D.C. Office 20.0 A Cyber Awareness Framework for Attack Analysis, Prediction, and Visualization 729,166 103,016 9/22/2009 9/30/2014 Total COMS, Kemmerer record(s): 1 729,166 103,016 Kruegel Christopher Northeastern University HIGHER ED 5.0 60,116 7/1/2012 ZIGZAG: Secure Execution of Client-Side Web Application Components 14,159 9/30/2014 DAF Air Force Research Laboratory **FEDERAL** DarkDroid: Exposing the Dark Side of Android Marketplaces 5.0 339,926 43,490 2/6/2012 2/6/2015 DAF Air Force Research Laboratory **FEDERAL** DarkDroid: Exposing the Dark Side of Android Marketplaces 5.0 565,983 72,121 2/6/2012 2/6/2015 DN Space & Naval Warfare Systems Command **FEDERAL** FIRMALICE: Modeling and Identifying Malice in Firmware 5.0 490,142 9/27/2013 9/26/2015 51,871

DN Space & Naval Warfare Systems Command

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| College/Department | t/PI Sponsor/Sposnor Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date  |
|--------------------|--|-----------|---------------|----------------|------------|-----------|
|                    | FIRMALICE: Modeling and Identifying Malice in Firmware   | 5.0       | 916,236       | 133,595        | 9/27/2013  | 9/26/2015 |
|                    | Purdue University  | HIGHER ED |               |                |            |           |
|                    | Malware on Smartphones: Collection, Analysis, and Defensive Measures   | 5.0       | 245,905       | 67,491         | 7/1/2013   | 6/30/2014 |
|                    | Linda R  H Biomedical Imaging And Bioengineering, Natl Institute Of (NIBIB)  ochastic Simulation Service: A Cloud Computing Framework for Modeling and Simulation Simulation Service: A Cloud Computing Framework for Modeling and Simulation Simulation Service: A Cloud Computing Framework for Modeling and Simulation Simulation Service: A Cloud Computing Framework for Modeling and Simulation Simulation Simulation Simulation Service: A Cloud Computing Framework for Modeling and Simulation Simulat | 6         | 2,618,308     | 382,727        |            |           |
| Petzo              | ld Linda R   |           |               |                |            |           |
|                    | NIH Biomedical Imaging And Bioengineering, Natl Institute Of (NIBIB)   | FEDERAL   |               |                |            |           |
|                    | ${\bf Stochastic\ Simulation\ Service:\ A\ Cloud\ Computing\ Framework\ for\ Modeling\ and\ Simulation\ of\ Stochastic\ Biochemical\ Systems}$   | 5.0       | 536,067       | 138,370        | 5/1/2013   | 4/30/2014 |
|                    | NIH Biomedical Imaging And Bioengineering, Natl Institute Of (NIBIB)   | FEDERAL   |               |                |            |           |
|                    | Stochastic Simulation Service: A Cloud Computing Framework for Modeling and Simulation of Stochastic Biochemical Systems   | 5.0       | 542,175       | 137,705        | 5/1/2014   | 4/30/2015 |
|                    | DOE Miscellaneous Offices And Programs  High Performance Algorithms for Discrete Stochastic Simulation   |           |               |                |            |           |
|                    |  |           | 250,000       | 72,432         | 8/1/2012   | 7/31/2014 |
|                    | DOE Miscellaneous Offices And Programs   | FEDERAL   |               |                |            |           |
|                    | High Performance Algorithms for Discrete Stochastic Simulation   | 5.0       | 250,000       | 71,196         | 8/1/2012   | 7/31/2015 |
|                    | Washington University, (St. Louis, Mo)   | HIGHER ED |               |                |            |           |
|                    | Mechanisms and Modeling of Networked Circadian Pacemaker Synchronization   | 2.0       | 69,618        | 20,428         | 8/1/2011   | 7/31/2014 |
|                    | Total COMS, Petzold record(s):   | 5         | 1,647,860     | 440,131        |            |           |
| Sherv              | vood Timothy Peter   |           |               |                |            |           |
|                    | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|                    | TWC: Breakthrough: Inspection Resistance in Cyber-Physical Systems (REU SUPPLEMENT)  | 5.0       | 16,000        | 0              | 10/1/2012  | 9/30/2015 |
|                    | Total COMS, Sherwood record(s):  | 1         | 16,000        | 0              |            |           |
| Singh              | Ambuj K  |           |               |                |            |           |
|                    | NIH General Medical Sciences, National Institute Of  | FEDERAL   |               |                |            |           |
|                    | Integrative Modeling of Regulatory Processes Using High-Throughput Genetic Data  | 5.0       | 168,508       | 47,493         | 9/1/2013   | 8/31/2014 |
|                    | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |

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| Total Support:      | : 208,882,613  |           |               |                |            |           |
|---------------------|--|-----------|---------------|----------------|------------|-----------|
| Total Indirect Cost | s: : 43,872,798  |           |               |                |            |           |
| College/Departmer   | nt/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date  |
|                     | IGERT-CIF21: Interdisciplinary Graduate Education Research and Training in Network Science   | 5.0       | 2,799,907     | 243,698        | 8/15/2013  | 7/31/2018 |
|                     | BBN Technologies Corp.   | INDUSTRY  |               |                |            |           |
|                     | Information Network Academic Research Center: An Integrated Approach towards Information Integration, Modeling, Retrieval, and Discovery | on5.0     | 232,435       | 48,182         | 9/28/2009  | 9/27/2014 |
|                     | BBN Technologies Corp.   | INDUSTRY  |               |                |            |           |
|                     | Information Network Academic Research Center: An Integrated Approach towards Information Integration, Modeling, Retrieval, and Discovery | on5.0     | 19,758        | 3,249          | 9/28/2009  | 9/29/2014 |
|                     | BBN Technologies Corp.   | INDUSTRY  |               |                | ,          |           |
|                     | Information Network Academic Research Center: An Integrated Approach towards Information Integration, Modeling, Retrieval, and Discovery | on5.0     | 447,248       | 120,968        | 9/28/2009  | 9/29/2014 |
|                     | BBN Technologies Corp.   | INDUSTRY  |               |                | ,          |           |
|                     | Information Network Academic Research Center: An Integrated Approach towards Information Integration, Modeling, Retrieval, and Discovery | on5.0     | 383,651       | 99,073         | 9/28/2009  | 11/1/2014 |
|                     | BBN Technologies Corp.   | INDUSTRY  |               |                | ,          |           |
|                     | Information Network Academic Research Center: An Integrated Approach towards Information Integration, Modeling, Retrieval, and Discovery | on5.0     | 60,000        | 20,396         | 9/28/2009  | 11/1/2014 |
|                     | Total COMS, Singh record(s):   | 7         | 4,111,507     | 583,059        |            |           |
| Suri                | Subhash  | ,         |               |                |            |           |
|                     | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|                     | AF:Medium:Collaborative Research: Uncertainty Aware Geometric Computing  | 5.0       | 100,000       | 27,718         | 9/1/2012   | 8/31/2015 |
|                     | Total COMS, Suri record(s):  | 1         | 100,000       | 27,718         |            |           |
| Van                 | dam Willem K   |           |               |                |            |           |
|                     | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|                     | Complexity of Simulating Quantum Adiabatic Optimization by Quantum Monte Carlo Methods   | 5.0       | 90,000        | 27,331         | 9/1/2013   | 8/31/2016 |
|                     | Total COMS, Van dam record(s):   | 1         | 90,000        | 27,331         |            |           |

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HIGHER ED

Stanford University

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|---------------------|--------------|--------------------------|--|-----------|---------------|----------------|------------|------------|
| Record Count:       | :            | 934                      |  |           |               |                |            |            |
| Total Support:      | :            | 208,882,613              |  |           |               |                |            |            |
| Total Indirect Cost | :s: :        | 43,872,798               |  |           |               |                |            |            |
| College/Departmen   | nt/PI        | Sponsor/Sposno           | r Category/Title                               | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                     | Graphene E   | lectrode Engineering for | Photovoltaic Applications                      | 5.0       | 150,000       | 42,498         | 1/1/2013   | 9/30/2014  |
|                     | Stanford Ur  | iversity                 |  | HIGHER ED |               |                |            |            |
|                     | Graphene E   | lectrode Engineering for | Photovoltaic Applications                      | 10.0      | 50,000        | 17,427         | 1/1/2013   | 9/30/2014  |
|                     | Carbon Scie  | nces, Inc.               |  | INDUSTRY  |               |                |            |            |
|                     | Scalable and | d Low-Cost Graphene Sy   | nthesis for Transparent Electrode Applications | 1.0       | 387,730       | 96,077         | 7/1/2014   | 6/30/2015  |
|                     | Total ELEG   | i, Banerjee record(s):   |  | 4         | 617,730       | 162,686        |            |            |
| Bow                 | rers         | John                     | Е  |           |               |                |            |            |
|                     | DN Office O  | f Naval Research (ONR)   |  | FEDERAL   |               |                |            |            |
|                     | High-Power   | Broadband Multispectra   | Source on a Hybrid Silicon Chip                | 5.0       | 150,000       | 38,252         | 8/28/2013  | 8/27/2016  |
|                     | DN Office O  | f Naval Research (ONR)   |  | FEDERAL   |               |                |            |            |
|                     | High-Power   | Broadband Multispectra   | Source on a Hybrid Silicon Chip                | 5.0       | 321,000       | 88,332         | 8/28/2013  | 8/27/2016  |
|                     | DN Office O  | f Naval Research (ONR)   |  | FEDERAL   |               |                |            |            |
|                     | High-Power   | Broadband Multispectra   | Source on a Hybrid Silicon Chip                | 5.0       | 49,000        | 12,496         | 8/28/2013  | 8/27/2016  |
|                     | DN Office O  | f Naval Research (ONR)   |  | FEDERAL   |               |                |            |            |
|                     | High-Power   | Broadband Multispectra   | Source on a Hybrid Silicon Chip                | 5.0       | 230,000       | 58,653         | 8/28/2013  | 8/27/2016  |
|                     | Aurrion, LLC | 2.                       |  | INDUSTRY  |               |                |            |            |
|                     | Electronic-P | hotonic Heterogeneous I  | Integration                                    | 10.0      | 253,233       | 63,987         | 11/14/2011 | 11/30/2013 |
|                     | Aurrion, LLC | 2.                       |  | INDUSTRY  |               |                |            |            |
|                     | Electronic-P | hotonic Heterogeneous I  | Integration                                    | 10.0      | 98,574        | 26,735         | 11/14/2011 | 12/31/2013 |
|                     | Aurrion, LLC | 2.                       |  | INDUSTRY  |               |                |            |            |
|                     | Electronic-P | hotonic Heterogeneous I  | Integration                                    | 10.0      | 480,589       | 140,655        | 11/14/2011 | 11/15/2014 |
|                     | Total ELEG   | i, Bowers record(s):     |  | 7         | 1,582,396     | 429,110        |            |            |
| Byl                 |              | Katherine                |  |           |               |                |            |            |
|                     | Toyon Rese   | arch Corporation         |  | INDUSTRY  |               |                |            |            |
|                     | Advanced P   | rogramming and Teachir   | ng Interfaces for Autonomous System Control    | 5.0       | 50,000        | 11,470         | 2/13/2014  | 8/6/2014   |

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|--------------------|--|------------|---------------|----------------|------------|-----------|
|                    | General Dynamics Corporation (Incl Aerospace,marine,combat,&Info Syst)                             | INDUSTRY   |               |                |            |           |
|                    | 2D Lagrangian modeling and optimization for flexible-spine quadruped bounding                      | 5.0        | 35,000        | 9,991          | 7/11/2013  | 4/15/2014 |
|                    | General Dynamics Corporation (Incl Aerospace,marine,combat,&Info Syst)                             | INDUSTRY   |               | -              |            |           |
|                    | 2D Lagrangian modeling and optimization for flexible-spine quadruped bounding                      | 5.0        | 32,950        | 9,406          | 7/11/2013  | 4/15/2014 |
|                    | General Dynamics Corporation (Incl Aerospace,marine,combat,&Info Syst)                             | INDUSTRY   |               |                |            |           |
|                    | 2D Lagrangian modeling and optimization for flexible-spine quadruped bounding                      | 5.0        | 22,050        | 6,294          | 7/11/2013  | 5/30/201  |
|                    | Jet Propulsion Laboratory-JPL  | NOT PROFIT |               |                |            |           |
|                    | UCSB DARPA Robotics Challenge - Track A  | 10.0       | 150,000       | 37,853         | 9/12/2013  | 3/31/201  |
|                    | Jet Propulsion Laboratory-JPL  | NOT PROFIT |               |                |            |           |
|                    | Investigation of RoboSimian Mobility Modes and Strategies  | 10.0       | 100,000       | 28,592         | 4/22/2014  | 11/30/201 |
|                    | Total ELEG, Byl record(s):   | 6          | 390,000       | 103,606        |            |           |
| Cheng              | Kwang-ting   |            |               |                |            |           |
|                    | DAF Office Of Scientific Research  | FEDERAL    |               |                |            |           |
|                    | 3D Hybrid Circuits for Advanced Information Processing   | 10.0       | 909,727       | 138,322        | 12/2/2011  | 11/30/201 |
|                    | Industrial Technology Research Institute (Taiwan)  | NOT PROFIT |               |                | ·          |           |
|                    | Test Cost Reduction and Yield Improvement by Exploring Hidden Correlations in Production Test Data | 5.0        | 50,000        | 13,850         | 1/1/2014   | 12/31/201 |
|                    | UC Los Angeles   | UC         |               |                |            |           |
|                    | Customizable Domain-Specific Computing   | 10.0       | 149,999       | 37,327         | 9/1/2009   | 8/31/201  |
|                    | Semiconductor Research Corporation   | NOT PROFIT |               |                | ·          |           |
|                    | Variation-Aware Photonic System Modeling and Design  | 5.0        | 75,000        | 14,853         | 7/1/2013   | 6/30/201  |
|                    | Semiconductor Research Corporation   | NOT PROFIT |               |                |            |           |
|                    | Test Data Analytics - Exploring Hidden Correlations in Production Test Data                        | 5.0        | 100,000       | 23,581         | 10/1/2013  | 9/30/201  |
|                    | Semiconductor Research Corporation   | NOT PROFIT |               |                |            |           |
|                    | Coverage Discounting - A Methodology for Exposing Functional Coverage Holes and Insufficie         | ent5.0     | 24,976        | 6,562          | 8/1/2012   | 12/31/201 |

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 Total Indirect Costs:
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| College/Departmer | nt/PI Sponsor/Sposnor Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
|-------------------|---|------------|---------------|----------------|------------|-----------|
|                   | Semiconductor Research Corporation  | NOT PROFIT |               |                |            |           |
|                   | Variation-Aware Photonic System Modeling and Design   | 5.0        | 75,000        | 14,364         | 7/1/2013   | 6/30/201  |
|                   | Total ELEG, Cheng record(s):  | 7          | 1,384,702     | 248,859        |            |           |
| Cold              | ren Larry A   |            |               |                |            |           |
|                   | DOD Advanced Research Projects Agency (DARPA)   | FEDERAL    |               |                |            |           |
|                   | Exploration of Single-Chip Phase-Sensitive Amplifiers                                       | 5.0        | 200,000       | 69,420         | 3/5/2014   | 3/4/201   |
|                   | DOD Advanced Research Projects Agency (DARPA)   | FEDERAL    |               |                |            |           |
|                   | Exploration of Single-Chip Phase-Sensitive Amplifiers                                       | 5.0        | 100,000       | 34,853         | 3/5/2014   | 9/4/201   |
|                   | Vescent Photonics, Inc.   | INDUSTRY   |               |                |            |           |
|                   | Investigation of Photonic Integration Technology at 780 nm                                  | 5.0        | 56,016        | 19,450         | 3/1/2014   | 8/31/201  |
|                   | Total ELEG, Coldren record(s):  | 3          | 356,016       | 123,723        |            |           |
| Dagli             | i Nadir   |            |               |                |            |           |
|                   | Korea Ministry Sci & Tech (Incl Kaist, Kist, Atmc Engy Res-Kaeri,etc)                       | INDUSTRY   |               |                |            |           |
|                   | Investigation on Ultrafast Optical Modulator Based on Graphene-Nanoparticle Hybrid Material | 5.0        | 21,939        | 0              | 11/12/2012 | 11/11/201 |
|                   | Korea Ministry Sci & Tech (Incl Kaist, Kist, Atmc Engy Res-Kaeri,etc)                       | INDUSTRY   |               |                |            |           |
|                   | Investigation on Ultrafast Optical Modulator Based on Graphene-Nanoparticle Hybrid Material | 5.0        | 23,192        | 0              | 11/12/2013 | 11/11/201 |
|                   | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |           |
|                   | 100 GHz Bandwidth, Sub-Volt Drive Voltage Electro-optic Modulators                          | 5.0        | 60,000        | 16,162         | 11/1/2012  | 10/31/201 |
|                   | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |           |
|                   | 100 GHz Bandwidth, Sub-Volt Drive Voltage Electro-optic Modulators                          | 5.0        | 15,000        | 4,026          | 11/1/2012  | 10/31/201 |
|                   | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |           |
|                   | 100 GHz Bandwidth, Sub-Volt Drive Voltage Electro-optic Modulators                          | 5.0        | 75,000        | 19,914         | 11/1/2012  | 10/31/201 |
|                   | Freedom Photonics Llc   | INDUSTRY   |               |                |            |           |
|                   | Ultra-Wideband, Low-Power Compound Semiconductor Electro-optic Modulator                    | 5.0        | 45,000        | 8,169          | 8/15/2013  | 3/15/201  |
|                   |   |            |               |                |            |           |

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| Total Indirect Costs: : 43,872,798   |                |               |                |            |            |
| College/Department/PI Sponsor/Sposnor Category/Title   | PI % Time      | Total Support | Indirect Costs | Start date | End date   |
| Hespanha Joao P.   |                |               |                |            |            |
| Toyon Research Corporation   | INDUSTRY       |               |                |            |            |
| Enhanced Riverine Drifter  | 5.0            | 75,000        | 17,903         | 9/20/2011  | 9/30/2014  |
| National Science Foundation-NSF  | FEDERAL        |               |                |            |            |
| CPS: Frontiers: Collaborative Research: ROSELINE: Enabling Robust, Secure, and E<br>Knowledge of Time Across the System Stack    | ficient 10.0   | 544,726       | 142,784        | 6/15/2014  | 5/31/2019  |
| Total ELEG, Hespanha record(s):  | 2              | 619,726       | 160,687        | ,          |            |
| Lee Hua L  |                |               |                |            |            |
| National Security Technologies, Llc  | INDUSTRY       |               |                |            |            |
| Ultra-Low Drive Voltage Mach-Zehnder Intensity Modulators  | 5.0            | 50,000        | 10,274         | 10/21/2013 | 9/30/2014  |
| National Security Technologies, Llc  | INDUSTRY       |               |                |            |            |
| Ultra-Low Drive Voltage Mach-Zehnder Intensity Modulators  | 5.0            | 5,000         | 1,732          | 10/21/2013 | 9/30/2014  |
| Total ELEG, Lee record(s):   | 2              | 55,000        | 12,006         |            |            |
| Madhow Upamanyu  |                |               |                |            |            |
| National Science Foundation-NSF  | FEDERAL        |               |                |            |            |
| NeTS: Small: Mobile mmWaves: Addressing the Cellular Capacity Crisis with 60 GHz   | Picocells 10.0 | 15,360        | 0              | 10/1/2013  | 9/30/2016  |
| National Science Foundation-NSF  | FEDERAL        |               |                |            |            |
| CIF:Medium:Collaborative Research: Distributed coherence: fundamental building b system concepts, and experimental demonstration | locks, 10.0    | 108,634       | 25,440         | 7/1/2013   | 6/30/2016  |
| National Science Foundation-NSF  | FEDERAL        |               |                | ,          |            |
| NeTS: Small: Mobile mmWaves: Addressing the Cellular Capacity Crisis with 60 GHz   | Picocells 10.0 | 499,999       | 124,264        | 10/1/2013  | 9/30/2016  |
| University of Illinois   | HIGHER ED      |               |                | ,          |            |
| Systems On Nanoscale Information fabriCs (SONIC) Center  | 10.0           | 110,000       | 32,762         | 1/15/2013  | 4/30/2014  |
| University of Illinois   | HIGHER ED      |               |                | ,          |            |
| Systems On Nanoscale Information fabriCs (SONIC) Center  | 10.0           | 110,000       | 32,762         | 1/15/2013  | 10/31/2014 |
| SAMSUNG INFORMATION SYSTEMS AMERICA  | INDUSTRY       |               |                | '          |            |
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|-----------------------|--|-----------|---------------|----------------|------------|------------|
| Signal proc           | essing and MIMO models for multiGigabit mm wave communications | 1.0       | 117,081       | 25,576         | 10/1/2013  | 3/31/2015  |
| Total ELEC            | G, Madhow record(s):   | 6         | 961,074       | 240,804        |            |            |
| Manjunath             | В  | ,         |               |                |            |            |
| DN Office C           | Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| Signal Proc           | essing for Multimedia Data Forensics                           | 5.0       | 17,285        | 3,852          | 10/1/2013  | 12/31/2014 |
| DN Office C           | Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| Human and             | Contextual Data Integration in Complex Information Networks    | 5.0       | 176,250       | 48,473         | 4/1/2012   | 3/31/2015  |
| DN Office C           | Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| Human and             | Contextual Data Integration in Complex Information Networks    | 5.0       | 25,000        | 7,096          | 4/1/2012   | 3/31/2015  |
| DN Office C           | Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| Human and             | Contextual Data Integration in Complex Information Networks    | 5.0       | 25,000        | 7,096          | 4/1/2012   | 3/31/2015  |
| DN Office C           | Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| Signal Proc           | essing for Multimedia Data Forensics                           | 5.0       | 73,225        | 19,514         | 10/1/2013  | 12/31/2014 |
| National Sc           | ience Foundation-NSF   | FEDERAL   |               |                |            |            |
| III-CXT-Lar           | ge: Working with Uncertain Data in Exploring Scientific Images | 2.0       | 23,000        | 0              | 9/1/2008   | 8/31/2015  |
| Pfizer Inc. (         | (Incl Warner-Lamber And Parke-Davis)                           | INDUSTRY  |               |                |            |            |
| Bisque Exte           | ensions  | 1.0       | 33,075        | 11,457         | 10/1/2013  | 12/31/2013 |
| University (          | Of Arizona   | HIGHER ED |               |                |            |            |
| iPlant Collal         | boration   | 5.0       | 51,021        | 17,344         | 10/1/2009  | 12/31/2013 |
| University (          | Of Arizona   | HIGHER ED |               |                |            |            |
| iPlant Collal         | boration   | 5.0       | 298,774       | 103,613        | 10/1/2013  | 6/30/2015  |
| Total ELEC            | G, Manjunath record(s):  | 9         | 722,630       | 218,445        |            |            |

Marek-sadowska

Malgorzata

National Science Foundation-NSF

**FEDERAL** 

7/15/2014

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|--------------------|---|------------|---------------|----------------|------------|------------|
|                    | SHF: Small: Assessing VeSFET Technology for 3-D Integration                                 | 5.0        | 436,867       | 88,878         | 10/1/2013  | 9/30/2016  |
|                    | Semiconductor Research Corporation  | NOT PROFIT |               |                |            |            |
|                    | Early Stage Design Exploration Tool for 2D and 3D Stacked Multicore of CPUs + GPUs          | 10.0       | 90,000        | 24,539         | 1/1/2012   | 12/31/2014 |
|                    | Total ELEG, Marek-sadowska record(s):   | 2          | 526,867       | 113,417        |            |            |
| Mishra             | umesh K   |            |               |                |            |            |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | Instrumentation for Measurement and Characterization of Millimeter-wave Devices and Circuit | ts 5.0     | 831,173       | 0              | 8/16/2013  | 8/15/2014  |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | W band power transistors with high power added efficiency using N-polar InAIN/GaN HEMTs     | 5.0        | 23,417        | 7,329          | 7/1/2012   | 6/30/2015  |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | Dielectric Enhancements for INnovative Electronics (DEFINE)                                 | 10.0       | 51,218        | 5,937          | 8/1/2010   | 7/31/201   |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | N-Polar GaN Hot Electron Transistors  | 5.0        | 20,000        | 5,433          | 4/1/2012   | 3/31/201   |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | Development of device designs for high power mm-wave HEMTs based on N-polar (Al,Ga,In)l     | N 5.0      | 78,730        | 15,142         | 12/16/2013 | 12/15/2014 |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | Dielectric Enhancements for INnovative Electronics (DEFINE)                                 | 10.0       | 873,667       | 103,810        | 8/1/2010   | 7/31/201   |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | Dielectric Enhancements for INnovative Electronics (DEFINE)                                 | 10.0       | 623,138       | 73,946         | 8/1/2010   | 7/31/2015  |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | W band power transistors with high power added efficiency using N-polar InAIN/GaN HEMTs     | 5.0        | 99,364        | 31,090         | 7/1/2012   | 6/30/201   |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | N-Polar GaN Hot Electron Transistors  | 5.0        | 80,500        | 22,037         | 4/1/2012   | 3/31/201   |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |
|                    | Development of device designs for high power mm-wave HEMTs based on N-polar (Al,Ga,In)l     | N 5.0      | 500,000       | 106,970        | 12/16/2013 | 12/15/2014 |
|                    | DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |            |

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|----------------------|---|-----------|---------------|----------------|------------|------------|
| W                    | band power transistors with high power added efficiency using N-polar InAlN/GaN HEMTs                               | 5.0       | 100,000       | 31,443         | 7/1/2012   | 6/30/2015  |
| DN                   | N Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| N-                   | Polar GaN Hot Electron Transistors  | 5.0       | 87,000        | 23,979         | 4/1/2012   | 3/31/2015  |
| DN                   | N Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| Die                  | electric Enhancements for INnovative Electronics (DEFINE)   | 10.0      | 254,045       | 32,541         | 8/1/2010   | 7/31/2015  |
| DN                   | N Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
| De                   | evelopment of device designs for high power mm-wave HEMTs based on N-polar (Al,Ga,In)l                              | N 5.0     | 20,000        | 3,786          | 12/16/2013 | 12/15/2014 |
| UC                   | Merced  | UC        |               |                |            |            |
| Ca                   | lifornia Advanced Solar Technologies Institute  | 10.0      | 136,860       | 0              | 1/1/2010   | 6/30/2014  |
| DA                   | AF Office of Scientific Research  | FEDERAL   |               |                |            |            |
| N-                   | Face GaN Electronics for Heteroepitaxial and Bonded Structures  | 5.0       | 200,001       | 57,432         | 4/1/2010   | 3/31/2014  |
| DA                   | AF Office of Scientific Research  | FEDERAL   |               |                |            |            |
| N-                   | Face GaN Electronics for Heteroepitaxial and Bonded Structures  | 5.0       | 195,917       | 55,094         | 4/1/2010   | 3/31/2015  |
| DC                   | DE ADVANCED RESEARCH PROJECTS AGENCY-ENERGY (ARPA-E)  | FEDERAL   |               |                |            |            |
| Ult                  | timate Switches (US)  | 20.0      | 2,574,791     | 405,525        | 3/10/2014  | 3/9/2017   |
| DC                   | DE ADVANCED RESEARCH PROJECTS AGENCY-ENERGY (ARPA-E)  | FEDERAL   |               |                |            |            |
| <u>Te</u>            | chnology Roundtable on Standards for GaN PowerElectronics   | 10.0      | 10,000        | 0              | 2/1/2014   | 5/31/2014  |
| Mi                   | mocloud   | INDUSTRY  |               |                |            |            |
| <u>Hi</u>            | gh Voltage GaN Switch Development   | 5.0       | 24,000        | 8,314          | 7/1/2013   | 1/31/2014  |
| In                   | noSys   | INDUSTRY  |               |                |            |            |
| Sc                   | alable, Wide Bandgap IC Technology For Wide Temperature, Harsh Environments   | 1.0       | 29,000        | 7,694          | 6/11/2013  | 3/11/2014  |
| To                   | otal ELEG, Mishra record(s):  | 21        | 6,812,821     | 997,502        |            |            |
| Mostofi              | Yasamin C.  |           |               |                |            |            |
| Na                   | tional Science Foundation-NSF   | FEDERAL   |               |                |            |            |
|                      | TS: Small: Co-Optimization of Sensing, Communications and Navigation of a Robotic stwork under Resource Constraints | 10.0      | 400,000       | 86,744         | 10/1/2013  | 9/30/2016  |

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|--------------------|--|--------------------|---------------|----------------|------------|------------|
|                    | Total ELEG, Mostofi record(s):   | 1                  | 400,000       | 86,744         |            |            |
| Palms              | rom Christopher  |                    |               |                |            |            |
|                    | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL            |               |                |            |            |
|                    | Epitaxial Semiconducting Heusler Alloy Heterostructures  | 5.0                | 130,000       | 38,674         | 9/10/2012  | 12/9/2014  |
|                    | DN Office Of Naval Research (ONR)  | FEDERAL            |               |                |            |            |
|                    | Epitaxial Growth of Hexagonal Boron Nitride  | 10.0               | 50,000        | 11,916         | 7/15/2013  | 7/14/2016  |
|                    | DN Office Of Naval Research (ONR)  | FEDERAL            |               |                |            |            |
|                    | Epitaxial Growth of Hexagonal Boron Nitride  | 10.0               | 100,000       | 23,723         | 7/15/2013  | 7/14/2016  |
|                    | DN Office Of Naval Research (ONR)  | FEDERAL            |               |                |            |            |
|                    | Epitaxial Growth of Hexagonal Boron Nitride  | 10.0               | 50,000        | 11,916         | 7/15/2013  | 7/14/2016  |
|                    | Semiconductor Research Corporation   | NOT PROFIT         |               |                |            |            |
|                    | MBE-Grown Heusler Alloy Magnetic Tunnel Junctions for STTM Applications                                      | 1.0                | 140,000       | 41,941         | 5/1/2011   | 4/30/2015  |
|                    | Jniversity Of Illinois   | HIGHER ED          |               |                |            |            |
|                    | Topological Phenomena in Emergent Materials for Transformative Logic Devices                                 | 10.0               | 52,152        | 13,189         | 6/1/2011   | 4/23/2014  |
|                    | Jniversity Of Minnesota  | HIGHER ED          |               |                |            |            |
|                    | MBE Growth and Characterization of Ferromagnetic Metal/Semiconductor Heterost<br>Spin Transport Measurements | tructures for 10.0 | 88,201        | 23,054         | 9/1/2008   | 2/28/2014  |
|                    | Jniversity Of Minnesota  | HIGHER ED          |               |                |            |            |
|                    | Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN)                                 | 10.0               | 125,000       | 34,724         | 1/15/2013  | 4/30/2014  |
|                    | Jniversity Of Minnesota  | HIGHER ED          |               |                |            |            |
|                    | Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN)                                 | 10.0               | 125,000       | 34,919         | 1/15/2013  | 10/31/2014 |
|                    | Jniversity Of Minnesota  | HIGHER ED          |               |                |            |            |
|                    | MBE Growth and Characterization of Ferromagnetic Metal/Semiconductor Heterost<br>Spin Transport Measurements | tructures for 10.0 | 57,008        | 11,714         | 9/1/2008   | 2/28/2015  |
|                    | Total ELEG, Palmstrom record(s):   | 10                 | 917,361       | 245,770        |            |            |

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| Total Indirect Costs: | : 43,872,798  | DI 0/ T'   |               | T. I C. I      |            |           |
|-----------------------|---|------------|---------------|----------------|------------|-----------|
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| Rodwell               | Mark J  |            |               |                |            |           |
| DAF Ai                | ir Force Misc Bases & Agencies  | FEDERAL    |               |                |            |           |
| Microw                | vave Dual-Conversion Front-Ends for 0.1-50 GHz Reconfigurable Transceivers  | 5.0        | 98,505        | 18,121         | 2/28/2014  | 8/30/2014 |
| DN Off                | fice Of Naval Research (ONR)  | FEDERAL    |               |                |            |           |
| 30 TH2                | z Schottky Mixer Diode Arrays for Coherent Mid-Infrared Electronics         | 5.0        | 65,000        | 17,357         | 10/1/2011  | 9/30/2014 |
| DN Off                | fice Of Naval Research (ONR)  | FEDERAL    |               |                |            |           |
| 30 TH2                | z Schottky Mixer Diode Arrays for Coherent Mid-Infrared Electronics         | 5.0        | 65,000        | 17,357         | 10/1/2011  | 9/30/2014 |
| DN Off                | fice Of Naval Research (ONR)  | FEDERAL    |               |                |            |           |
| 30 TH2                | z Schottky Mixer Diode Arrays for Coherent Mid-Infrared Electronics         | 5.0        | 20,000        | 5,397          | 10/1/2011  | 9/30/2014 |
| Cornel                | I University  | HIGHER ED  |               |                |            |           |
| UCSB I                | Node of the National Nanotechnology Infrastructure Network                  | 1.0        | 40,000        | 0              | 3/1/2004   | 2/28/2014 |
| Cornel                | I University  | HIGHER ED  |               |                | ,          |           |
| UCSB I                | Node of the National Nanotechnology Infrastructure Network                  | 10.0       | 929,250       | 250,498        | 3/1/2004   | 6/30/2014 |
| Cornel                | I University  | HIGHER ED  |               |                | ,          |           |
| UCSB I                | Node of the National Nanotechnology Infrastructure Network                  | 10.0       | 846,706       | 287,824        | 3/1/2004   | 8/31/2015 |
| Georgi                | a Institute Of Technology   | HIGHER ED  |               |                | ,          |           |
| RET Si                | te: National Nanotechnology Infrastructure Network (NNIN) RET               | 3.0        | 35,491        | 773            | 6/1/2012   | 5/31/2014 |
| Georgi                | a Institute Of Technology   | HIGHER ED  |               |                |            |           |
| RET Si                | te: National Nanotechnology Infrastructure Network (NNIN) RET               | 3.0        | 35,491        | 773            | 6/1/2012   | 5/31/2015 |
| Semico                | onductor Research Corporation   | NOT PROFIT |               |                | ,          |           |
| Noncla                | assical CMOS Research Center: Phase III                                     | 10.0       | 780,000       | 173,234        | 7/1/2006   | 8/31/2014 |
| Semico                | onductor Research Corporation   | NOT PROFIT |               |                |            |           |
| 10-18r                | nm-Lg III-V UTB and fin FETs Targeting the GP/LP/ULP Requirements           | 1.0        | 50,000        | 14,799         | 7/1/2014   | 6/30/2015 |
| Teledy                | ne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)             | INDUSTRY   |               |                |            |           |
| THz El                | ectronics for Transceiver Arrays (THETA): THz Transistor and IC Development | 10.0       | 100,000       | 27,689         | 4/1/2009   | 11/1/2014 |

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Pecord Counts 034

| Total Indirect Costs   | Record Count:        | : 934   |           |               |                |            |           |
|--|----------------------|---|-----------|---------------|----------------|------------|-----------|
| Teledyne (Ind Electronic Tech, Microwave, Adv Materials, Relay, Etc)   INDUSTRY  | Total Support:       | : 208,882,613   |           |               |                |            |           |
| Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)  | Total Indirect Costs | : 43,872,798  |           |               |                |            |           |
| Process Technologies and Mixed-Signal IC Designs for Heterogeneous Integration         10.0         150,000         38,644         4/1/2013         2/28/2012           Teledyne (Ind Electronic Tech, Microwave, Adv Materials, Relay, Etc)         INDUSTRY         1.00         20,000         5,538         4/1/2009         11/1/2012           Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)         INDUSTRY         INDUSTRY         High Speed, High Dynamic Range Data Conversion ICs in a Heterogeneously Integrated InP/Si/GaN Technology         5.0         40,000         8,953         4/1/2013         5/22/201           Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)         INDUSTRY         INDUSTRY         Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)         INDUSTRY         47,188         4/1/2009         11/1/2012           Total ELEG, Rodwell record(s):         16         3,455,443         914,145         914,145         914,145           Rose         Kenneth         INDUSTRY         InDUSTRY         6/25/2013         6/24/201           Joint Optimization of Spatiotemporal Prediction and Transform Coding in Video Compression and Networking         10.0         170,434         42,372         6/25/2013         6/24/201           Total ELEG, Rose record(s):         1         170,434         42,372         7/15/2013         7/14/201  | College/Departmen    | t/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date  |
| Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)  THz Electronics for Transceiver Arrays (THETA): THz Transistor and IC Development 10.0 20,000 5,538 4/1/2009 11/1/201  Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)  High Speed, High Dynamic Range Data Conversion ICs in a Heterogeneously Integrated 5.0 40,000 8,953 4/1/2013 5/22/201  InP/SI/GaN Technology  Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)  The Electronics for Transceiver Arrays (THETA): Thz Transistor and IC Development 10.0 180,000 47,188 4/1/2009 11/1/201  Total ELEG, Rodwell record(s): 16 3,455,443 914,145  Rose Kenneth  Google Inc.  Joint Optimization of Spatiotemporal Prediction and Transform Coding in Video Compression and Networking  Total ELEG, Rose record(s): 1 170,434 42,372 6/25/2013 6/24/201  ADF Air Force Research Laboratory  Infrared Semiconductor Metamaterials 10.0 120,000 29,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 29,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 29,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 29,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 29,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 29,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 39,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 39,544 7/15/2013 7/14/201  Total ELEG, Schuller record(s): 1 120,000 39,544 7/15/2013 7/14/201  Total ELEG, Schuller Record(s): 1 120,000 39,544 7/15/2013 9/30/201  |                      | Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)             | INDUSTRY  |               |                |            |           |
| THz Electronics for Transceiver Arrays (THETA): THz Transistor and IC Development       10.0       20,000       5,538       4/1/2009       11/1/201         Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)       INDUSTRY       INDUSTRY       40,000       8,953       4/1/2013       5/22/201         High Speed, High Dynamic Range Data Conversion ICs in a Heterogeneously Integrated InP/Si/GaN Technology       5.0       40,000       8,953       4/1/2013       5/22/201         Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)       INDUSTRY       180,000       47,188       4/1/2009       11/1/201         Total ELEG, Rodwell record(s):       16       3,455,443       914,145       914,145       914,145         Rose       Kenneth       INDUSTRY       Joint Optimization of Spatiotemporal Prediction and Transform Coding in Video Compression and Networking       10.0       170,434       42,372       6/25/2013       6/24/201         Total ELEG, Rose record(s):       1       170,434       42,372       6/25/2013       6/24/201         Infrared Semiconductor Metamaterials       10.0       120,000       29,544       7/15/2013       7/14/201         Total ELEG, Schuller record(s):       1       120,000       29,544       7/15/2013       7/14/201         FEDERAL       RI: CGY: Small: A P   |                      | Process Technologies and Mixed-Signal IC Designs for Heterogeneous Integration    | 10.0      | 150,000       | 38,644         | 4/1/2013   | 2/28/2015 |
| Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)   INDUSTRY   |                      | Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)             | INDUSTRY  |               |                |            |           |
| High Speed, High Dynamic Range Data Conversion ICs in a Heterogeneously Integrated InP/Si/GaN Technology   Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)   INDUSTRY  |                      | THz Electronics for Transceiver Arrays (THETA): THz Transistor and IC Development | 10.0      | 20,000        | 5,538          | 4/1/2009   | 11/1/2014 |
| InP/Si/GaN Technology   Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)   INDUSTRY   THz Electronics for Transceiver Arrays (THETA): THz Transistor and IC Development   10.0   180,000   47,188   4/1/2009   11/1/2012   11/1   |                      | Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)             | INDUSTRY  |               |                |            |           |
| Thz Electronics for Transceiver Arrays (THETA): Thz Transistor and IC Development 10.0 180,000 47,188 4/1/2009 11/1/2017   Total ELEG, Rodwell record(s): 16 3,455,443 914,145   Total ELEG, Rodwell record(s): 180,000 170,434 914,145   Total ELEG, Rodwell record(s): 180,000 170,434 914,145   Total ELEG, Rose record(s): 180,000 170,434 42,372 6/25/2013 6/24/2013 and Networking 180,000 170,434 42,372 6/25/2013 6/24/2013 and Networking 180,000 1   |                      |   | 5.0       | 40,000        | 8,953          | 4/1/2013   | 5/22/2017 |
| Total ELEG, Rodwell record(s):         16         3,455,443         914,145           Rose         Kenneth           Google Inc.         INDUSTRY           Joint Optimization of Spatiotemporal Prediction and Transform Coding in Video Compression and Networking         10.0         170,434         42,372         6/25/2013         6/24/201           Total ELEG, Rose record(s):         1         170,434         42,372         ✓ </td <td></td> <td>Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)</td> <td>INDUSTRY</td> <td></td> <td></td> <td></td> <td></td>   |                      | Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)             | INDUSTRY  |               |                |            |           |
| Rose   Kenneth   Google Inc.   INDUSTRY  |                      | THz Electronics for Transceiver Arrays (THETA): THz Transistor and IC Development | 10.0      | 180,000       | 47,188         | 4/1/2009   | 11/1/2014 |
| Google Inc.   INDUSTRY   Joint Optimization of Spatiotemporal Prediction and Transform Coding in Video Compression and Networking   10.0   170,434   42,372   6/25/2013   6/24/2013   6/   |                      | Total ELEG, Rodwell record(s):  | 16        | 3,455,443     | 914,145        |            |           |
| Joint Optimization of Spatiotemporal Prediction and Transform Coding in Video Compression and Networking  Total ELEG, Rose record(s):  1 170,434 42,372 6/25/2013 6/24/2013 and Networking  Total ELEG, Rose record(s):  Schuller Jon A.  DAF Air Force Research Laboratory FEDERAL  Infrared Semiconductor Metamaterials 10.0 120,000 29,544 7/15/2013 7/14/2013 7/ | Rose                 | Kenneth   |           |               |                |            |           |
| Action   Schuller   Jon   A.   DAF Air Force Research Laboratory   FEDERAL   Infrared Semiconductor Metamaterials   10.0   120,000   29,544   7/15/2013   7/14/2013   7/14/2014   7/15/2013   7/14/2   |                      | Google Inc.   | INDUSTRY  |               |                |            |           |
| Schuller       Jon       A.         DAF Air Force Research Laboratory       FEDERAL         Infrared Semiconductor Metamaterials       10.0       120,000       29,544       7/15/2013       7/14/201         Total ELEG, Schuller record(s):       1       120,000       29,544       7/15/2013       7/14/201         Sen       Pradeep         National Science Foundation-NSF       FEDERAL         RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion       10.0       166,378       35,437       10/1/2013       9/30/201         Total ELEG, Sen record(s):       1       166,378       35,437       10/1/2013       9/30/201         Strukov       Dmitri   |                      |   | 10.0      | 170,434       | 42,372         | 6/25/2013  | 6/24/2014 |
| DAF Air Force Research Laboratory       FEDERAL         Infrared Semiconductor Metamaterials       10.0       120,000       29,544       7/15/2013       7/14/2013         Total ELEG, Schuller record(s):       1       120,000       29,544       7/15/2013       7/14/2013         Sen       Pradeep       National Science Foundation-NSF       FEDERAL       FEDERAL         RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion       10.0       166,378       35,437       10/1/2013       9/30/2017         Total ELEG, Sen record(s):       1       166,378       35,437       10/1/2013       9/30/2017         Strukov       Dmitri   |                      | Total ELEG, Rose record(s):   | 1         | 170,434       | 42,372         |            |           |
| Infrared Semiconductor Metamaterials       10.0       120,000       29,544       7/15/2013       7/14/2013         Total ELEG, Schuller record(s):       1       120,000       29,544       7/15/2013       7/14/2013         Sen       Pradeep       National Science Foundation-NSF       FEDERAL         RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion       10.0       166,378       35,437       10/1/2013       9/30/201         Total ELEG, Sen record(s):       1       166,378       35,437       Styles       Strukov       Dmitri   | Schu                 | ler Jon A.  | ,         |               |                |            |           |
| Total ELEG, Schuller record(s):         1 120,000 29,544           Sen         Pradeep           National Science Foundation-NSF         FEDERAL           RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion         10.0         166,378         35,437         10/1/2013         9/30/201           Total ELEG, Sen record(s):         1         166,378         35,437           Strukov         Dmitri   |                      | DAF Air Force Research Laboratory   | FEDERAL   |               |                |            |           |
| Sen Pradeep  National Science Foundation-NSF FEDERAL  RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion 10.0 166,378 35,437 10/1/2013 9/30/201  Total ELEG, Sen record(s): 1 166,378 35,437  Strukov Dmitri  |                      | Infrared Semiconductor Metamaterials  | 10.0      | 120,000       | 29,544         | 7/15/2013  | 7/14/2016 |
| National Science Foundation-NSF  RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion  Total ELEG, Sen record(s):  Strukov  Dmitri  FEDERAL  10.0  166,378  35,437  10/1/2013  9/30/201   |                      | Total ELEG, Schuller record(s):   | 1         | 120,000       | 29,544         |            |           |
| RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion       10.0       166,378       35,437       10/1/2013       9/30/2013         Total ELEG, Sen record(s):       1       166,378       35,437       35,437         Strukov       Dmitri  | Sen                  | Pradeep   | ,         |               |                |            |           |
| Total ELEG, Sen record(s):  Strukov Dmitri  1 166,378 35,437   |                      | National Science Foundation-NSF   | FEDERAL   |               |                |            |           |
| Strukov Dmitri   |                      | RI: CGV: Small: A Patch-based Framework for Capturing a World in Motion           | 10.0      | 166,378       | 35,437         | 10/1/2013  | 9/30/2016 |
|  |                      | Total ELEG, Sen record(s):  | 1         | 166,378       | 35,437         |            |           |
| COM National Institute Of Standards And Technology (NIST) FEDERAL  | Struk                | ov Dmitri   |           |               |                |            |           |
|  |                      | COM National Institute Of Standards And Technology (NIST)                         | FEDERAL   |               |                |            |           |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: 934 : Total Su 208 882 613

| al Support:       | : 208,882,613   |            |               |                |            |          |
|-------------------|---|------------|---------------|----------------|------------|----------|
| al Indirect Costs | s: : 43,872,798   |            |               |                |            |          |
| ege/Departmen     | nt/PI Sponsor/Sposnor Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date |
|                   | Chemical, Electrical, and Thermal Mapping of Resistive Switching Effects in Metal Oxide Devices | 5.0        | 51,436        | 10,614         | 9/1/2014   | 3/31/201 |
|                   | Denso Corporation (Japan)   | INDUSTRY   |               |                |            |          |
|                   | Memristive Neuromorphic Circuit   | 5.0        | 215,000       | 68,528         | 4/1/2013   | 3/31/201 |
|                   | Bae Systems   | INDUSTRY   |               |                |            |          |
|                   | Sensor Inference and Decision Engine via Adaptive Regulation of Memory Devices (SIDEARM)        | 10.0       | 308,877       | 97,991         | 6/14/2013  | 8/15/201 |
|                   | Total ELEG, Strukov record(s):  | 3          | 575,313       | 177,133        |            |          |
| Teel              | Andrew R  |            |               |                |            |          |
|                   | DAF Office Of Scientific Research   | FEDERAL    |               |                |            |          |
|                   | Systematic design of high-performance hybrid feedback algorithms                                | 10.0       | 123,955       | 31,624         | 4/1/2012   | 3/31/201 |
|                   | DAF Office Of Scientific Research   | FEDERAL    |               |                |            |          |
|                   | Systematic design of high-performance hybrid feedback algorithms                                | 10.0       | 127,089       | 32,208         | 4/1/2012   | 3/31/201 |
|                   | National Science Foundation-NSF   | FEDERAL    |               |                |            |          |
|                   | Further advances in stability analysis for hybrid adversarial Markov decision processes         | 5.0        | 126,786       | 31,689         | 10/1/2012  | 9/30/201 |
|                   | Total ELEG, Teel record(s):   | 3          | 377,830       | 95,521         | '          |          |
| Thec              | ogarajan Luke   | ,          |               |                |            |          |
|                   | National Science Foundation-NSF   | FEDERAL    |               |                |            |          |
|                   | CAREER: CMOS Integrated Nanopores for Biomolecule Detection                                     | 5.0        | 83,648        | 20,690         | 4/1/2011   | 3/31/201 |
|                   | Total ELEG, Theogarajan record(s):  | 1          | 83,648        | 20,690         |            |          |
| Wan               | g Li Chung  |            |               |                |            |          |
|                   | National Science Foundation-NSF   | FEDERAL    |               |                |            |          |
|                   | Cost-Effective Reliability Screening, Binning and In-Field Adaptation                           | 5.0        | 31,500        | 7,228          | 4/1/2013   | 3/31/201 |
|                   | Semiconductor Research Corporation  | NOT PROFIT |               |                |            |          |
|                   | Test Knowledge Management for Optimal Decision Making: Tools and Methodologies                  | 5.0        | 99,993        | 27,067         | 10/1/2013  | 9/30/201 |
|                   | Semiconductor Research Corporation  | NOT PROFIT |               |                |            |          |

#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Practical Data Learning Tools and Methodologies for Verification 10.0 99,498 25,830 4/1/2012 8/31/2014 3 Total ELEG, Wang record(s): 230,991 60,125 York Robert Α DA Army Research, Wash D.C. Office **FEDERAL** 7/1/2014 5.0 170,248 Investigation of RF Losses in Tunable Dielectric Devices 43,426 6/30/2017 **NOT PROFIT** Natl Collegiate Inventors And Innovators Alliance, The (Nciia) UCSB Minimum Viable Product (MVP) Lab 1.0 24,000 3/1/2014 8/31/2017 2 194,248 43,426 Total ELEG, York record(s): Total ELECTRICAL & COMPUTER ENGINEERING - ELEG record(s) 117 20,960,739 4,610,023 MATERIALS - ENMT Michael Chabinyc National Science Foundation-NSF **FEDERAL** Collaborative Research: Charge Transport Pathways in Semiconducting Polymer Films 10.0 60,000 13,503 7/1/2012 6/30/2015 National Science Foundation-NSF **FEDERAL** Collaborative Research: Charge Transport Pathways in Semiconducting Polymer Films 10.0 64,000 7/1/2012 6/30/2015 15,480

Total ENMT, Chabinyc record(s):

Denbaars Steven P

Q-Peak INDUSTRY

Solid-State Fundamental Mode Green Laser for Ocean Mine Detection 1.0 20,000 6,928 8/1/2013 4/1/2014

Total ENMT, Denbaars record(s): 1 20,000 6,928

UC

5.0

525,000

Control of Thermal and Electrical Transport in Organic and Composite Materials Through

**UC Berkeley-UCB** 

Molecular and Nanoscale Structure

10/31/2014

11/1/2011

157,615

186,598

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

 Record Count:
 :
 934

 Total Support:
 :
 208,882,613

 Total Indirect Costs:
 :
 43,872,798

| College/Department/PI Sponsor/Sposnor Category/Title   | PI % Time     | Total Support                         | Indirect Costs | Start date | End date  |
|--|---------------|---------------------------------------|----------------|------------|-----------|
| Gossard Arthur C   |               |                                       |                |            |           |
| Copenhagen University (Incl Copenhagen University Hospital)(Denmark)                             | HIGHER ED     |                                       |                |            |           |
| Multi-Qubit Systems Based on Electron Spins in Coupled Quantum Dots                              | 10.0          | 99,163                                | 31,219         | 8/1/2012   | 1/31/2014 |
| Copenhagen University (Incl Copenhagen University Hospital)(Denmark)                             | HIGHER ED     |                                       |                |            |           |
| Multi-Qubit Systems Based on Electron Spins in Coupled Quantum Dots                              | 10.0          | 99,162                                | 31,219         | 8/1/2012   | 7/31/201  |
| Total ENMT, Gossard record(s):   | 2             | 198,325                               | 62,438         |            |           |
| Hawker Craig J   |               |                                       |                |            |           |
| Jackson State University   | HIGHER ED     |                                       |                |            |           |
| JSU-UCSB Partnerships for Research and Education in Materials (PREM) Scien                       | nce 2.0       | 99,489                                | 23,936         | 6/1/2012   | 5/31/2014 |
| University Of Texas-El Paso  | HIGHER ED     |                                       |                |            |           |
| UTEP-UCSB PREM: Fundamental Molecular and Interfacial Design for Next Ge<br>Photovoltaic Systems | eneration 2.0 | 82,101                                | 16,743         | 6/1/2012   | 5/31/201  |
| National Science Foundation-NSF  | FEDERAL       |                                       |                |            |           |
| Center of Excellence for Materials Research and Innovation at UCSB                               | 25.0          | 917,160                               | 256,661        | 9/15/2011  | 8/31/201  |
| National Science Foundation-NSF  | FEDERAL       |                                       |                | ,          |           |
| Center of Excellence for Materials Research and Innovation at UCSB                               | 25.0          | 453,336                               | 121,037        | 9/15/2011  | 8/31/201  |
| National Science Foundation-NSF  | FEDERAL       |                                       |                |            |           |
| Center of Excellence for Materials Research and Innovation at UCSB                               | 25.0          | 884,193                               | 187,777        | 9/15/2011  | 8/31/201  |
| National Science Foundation-NSF  | FEDERAL       |                                       |                |            |           |
| Center of Excellence for Materials Research and Innovation at UCSB                               | 25.0          | 45,184                                | 6,222          | 9/15/2011  | 8/31/2017 |
| National Science Foundation-NSF  | FEDERAL       |                                       |                |            |           |
| Center of Excellence for Materials Research and Innovation at UCSB                               | 25.0          | 2,220,189                             | 308,833        | 9/15/2011  | 8/31/2017 |
| National Science Foundation-NSF  | FEDERAL       |                                       |                |            |           |
| Center of Excellence for Materials Research and Innovation at UCSB                               | 25.0          | 1,120,750                             | 325,868        | 9/15/2011  | 8/31/2017 |
| National Science Foundation-NSF  | FEDERAL       | · · · · · · · · · · · · · · · · · · · |                |            |           |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total Support: Total Indirect Costs | : 208,882,613<br>s: : 43,872,798   |           |               |                |            |            |
|-------------------------------------|--|-----------|---------------|----------------|------------|------------|
| College/Departmen                   | nt/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                                     | Center of Excellence for Materials Research and Innovation at UCSB   | 25.0      | 1,149,188     | 313,490        | 9/15/2011  | 8/31/2017  |
|                                     | National Science Foundation-NSF  | FEDERAL   |               |                |            |            |
|                                     | Center of Excellence for Materials Research and Innovation at UCSB   | 25.0      | 18,143        | 1,643          | 9/15/2011  | 8/31/2017  |
|                                     | Mitsubishi Group (Japan)   | INDUSTRY  |               |                |            |            |
|                                     | IRP-8: Sustainable Materials for Next Generation Energy Storage  | 1.0       | 0             | 0              | 9/1/2011   | 8/31/2014  |
|                                     | Mitsubishi Group (Japan)   | INDUSTRY  |               |                |            |            |
|                                     | NRT-22: Advanced Thermal Management Materials  | 1.0       | 0             | 0              | 9/1/2013   | 8/31/2014  |
|                                     | Coopervision, Inc.   | INDUSTRY  |               |                |            |            |
|                                     | Advanced Surface Coatings for Contact Lens   | 1.0       | 217,080       | 75,545         | 1/1/2014   | 12/31/2015 |
|                                     | DOW Chemical Company   | INDUSTRY  |               |                |            |            |
|                                     | Project 1: New Concepts in Block Copolymer Materials   | 1.0       | 400,187       | 125,422        | 11/1/2011  | 10/31/2014 |
|                                     | DOW Chemical Company   | INDUSTRY  |               |                |            |            |
|                                     | Project 2: New Synthetic Methods for Advanced Polymeric Materials  | 1.0       | 408,206       | 132,815        | 11/1/2011  | 10/31/2014 |
|                                     | Washington University, (St. Louis, Mo)   | HIGHER ED |               |                |            |            |
|                                     | Integrated Nanosystems for Diagnosis and Therapy   | 10.0      | 349,907       | 108,595        | 8/20/2010  | 8/19/2014  |
|                                     | Total ENMT, Hawker record(s):  | 16        | 8,365,113     | 2,004,587      |            |            |
| Kram                                | ner Edward J.  |           |               |                |            |            |
|                                     | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|                                     | Spatial and Temporal Control of Chemical Structure for Biofouling Resistant, High Fouling Release Surfaces | 5.0       | 60,000        | 20,784         | 1/1/2014   | 12/31/2014 |
|                                     | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|                                     | Spatial and Temporal Control of Chemical Structure for Biofouling Resistant, High Fouling Release Surfaces | 5.0       | 20,000        | 6,928          | 1/1/2014   | 12/31/2014 |
|                                     | Total ENMT, Kramer record(s):  | 2         | 80,000        | 27,712         |            |            |
| Levi                                | Carlos G.  |           |               |                |            |            |
|                                     | National Science Foundation-NSF  | FEDERAL   |               |                |            |            |

REPORT DATE:

#### OFFICE OF RESEARCH

## PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: 934 Total Su 208 882 613

| College/Departme | nt/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|------------------|--|-----------|---------------|----------------|------------|------------|
|                  | GOALI/FRG: Layered Systems with Dynamically Evolving Structure (SYDES)                           | 10.0      | 494,937       | 73,213         | 10/1/2011  | 9/30/2015  |
|                  | Honeywell, Inc. (Includes Sperry Flight & Tetratech Data Systems, Inc)                           | INDUSTRY  |               |                |            |            |
|                  | Honeywell-UCSB Thermal Barrier Coating Alliance  | 5.0       | 300,555       | 46,432         | 9/1/2010   | 12/31/2014 |
|                  | Honeywell, Inc. (Includes Sperry Flight & Tetratech Data Systems, Inc)                           | INDUSTRY  |               |                |            |            |
|                  | Honeywell-UCSB Allicance for Thermal Barrier Coatings: An investigation of CMAS Mechanis         | sms 5.0   | 236,693       | 76,702         | 9/1/2012   | 3/27/2015  |
|                  | Navy   | FEDERAL   |               |                |            |            |
|                  | Science Underpinning coating design strategies to meet the CMAS Threat to Gas Turbine Technology | 0.0       | 40,000        | 12,153         | 2/5/2008   | 6/30/2014  |
|                  | Navy   | FEDERAL   |               |                |            |            |
|                  | Science Underpinning coating design strategies to meet the CMAS Threat to Gas Turbine Technology | 10.0      | 23,076        | 6,646          | 2/5/2008   | 6/30/2014  |
|                  | Navy   | FEDERAL   |               |                |            |            |
|                  | Science Underpinning coating design strategies to meet the CMAS Threat to Gas Turbine Technology | 10.0      | 86,924        | 25,032         | 2/5/2008   | 12/31/2014 |
|                  | Questek Innovations  | INDUSTRY  |               |                |            |            |
|                  | Affordable CMAS-Resistant Thermal Barrier Coatings   | 5.0       | 97,222        | 33,678         | 9/25/2013  | 4/24/2014  |
|                  | Total ENMT, Levi record(s):  | 7         | 1,279,407     | 273,856        |            |            |
| Poll             | ock Tresa  |           |               |                |            |            |
|                  | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|                  | Coating-Substrate for Thermomechanical Durable Turbine Airfoils                                  | 10.0      | 20,000        | 5,580          | 4/1/2011   | 5/31/2014  |
|                  | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|                  | Coating-Substrate for Thermomechanical Durable Turbine Airfoils                                  | 10.0      | 60,000        | 16,527         | 4/1/2011   | 11/30/2014 |
|                  | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|                  | Coating-Substrate for Thermomechanical Durable Turbine Airfoils                                  | 10.0      | 40,000        | 12,112         | 4/1/2011   | 5/31/2014  |
|                  | National Science Foundation-NSF  | FEDERAL   |               |                |            |            |
|                  | IMI: International Center for Materials Science (ICMS)   | 33.0      | 900,000       | 76,482         | 8/15/2009  | 7/31/2015  |
|                  |  |           |               |                |            |            |

REPORT DATE:

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

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Report Totals:

Record Count 034

| Record Count:         | :                      | 934   |   |           |               |                |            |            |
|-----------------------|------------------------|---|---|-----------|---------------|----------------|------------|------------|
| Total Support:        | :                      | 208,882,613                                   |   |           |               |                |            |            |
| Total Indirect Costs: | : :                    | 43,872,798                                    |   |           |               |                |            |            |
| College/Department    | t/PI                   | Sponsor/Spo                                   | osnor Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                       | Developme<br>and Low-C | ent of Bounds of Stre<br>Cost Methods Based o | ngth and Ductility of Titanium Alloys Produced by Traditionan<br>Explicit Linking of Microstructure to Properties | l 5.0     | 25,500        | 7,045          | 4/1/2012   | 3/31/2014  |
|                       | General El             | ectric Corp.                                  |   | INDUSTRY  |               |                |            |            |
|                       | Rejuvenati             | ion of Single Crystal T                       | urbine Bucket Materials   | 1.0       | 50,000        | 15,449         | 4/1/2012   | 12/31/2014 |
|                       | Johns Hop              | kins University                               |   | HIGHER ED |               |                |            |            |
|                       | Center of I            | Excellence on Integra                         | ted Materials Modeling (CEIMM)  | 10.0      | 75,000        | 22,783         | 9/1/2012   | 8/31/2015  |
|                       | Vibrant                |   |   | INDUSTRY  |               |                |            |            |
|                       |                        | ding of Resonant Ultr<br>e Superalloy         | asound Spectroscopy Signature in Precipitate Coarsening of  | 5.0       | 44,000        | 13,383         | 8/20/2012  | 8/20/2014  |
|                       | Vibrant                |   |   | INDUSTRY  |               |                |            |            |
|                       |                        | ding of Resonant Ultr<br>e Superalloy         | asound Spectroscopy Signature in Precipitate Coarsening of  | 5.0       | 50,000        | 15,040         | 8/20/2012  | 8/20/2014  |
|                       | SAFRAN S               | Α.  |   | INDUSTRY  |               |                | ,          |            |
|                       | Impact of supperallo   |   | LMC) on the mechanical properties of Ni-based single crysta   | I 3.0     | 85,095        | 29,477         | 1/1/2013   | 6/30/2014  |
|                       | Total EN               | MT, Pollock record(                           | s):   | 10        | 1,349,595     | 213,878        |            |            |
| Safiny                | ya                     | Cyrus   | R   |           |               |                |            |            |
|                       | NIH Gener              | al Medical Sciences, I                        | National Institute Of   | FEDERAL   |               |                |            |            |
|                       | Structures             | of Lipid-DNA Nonvira                          | I Gene Delivery Systems 4   | 10.0      | 311,277       | 96,863         | 3/1/2014   | 2/28/2015  |
|                       | DOE Misce              | ellaneous Offices and                         | Programs  | FEDERAL   |               |                |            |            |
|                       | Miniaturize            | ed Hybrid Materials In                        | spired by Nature  | 10.0      | 315,000       | 103,339        | 8/1/2006   | 7/31/2014  |
|                       | DOE Misce              | ellaneous Offices and                         | Programs  | FEDERAL   |               |                |            |            |
|                       | Miniaturize            | ed Hybrid Materials In                        | spired by Nature  | 10.0      | 315,000       | 103,271        | 8/1/2006   | 7/31/201   |
|                       | Total ENI              | MT, Safinya record(                           | s):   | 3         | 941,277       | 303,473        | ,          |            |
| Saleh                 |                        | Omar  | A   |           |               |                |            |            |
|                       | National S             | cience Foundation-NS                          | F   | FEDERAL   |               |                |            |            |
|                       |                        |   |   |           |               |                |            |            |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

NOT PROFIT

7/15/2014 **Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 Total Support Indirect Costs College/Department/PI Sponsor/Sposnor Category/Title PI % Time Start date End date Investigating the structure of flexible polyelectrolytes 8.0 140,000 38,975 8/1/2013 7/31/2016 National Science Foundation-NSF **FEDERAL** Marginal DNA Networks 10.0 400,000 121,906 8/1/2014 7/31/2017 National Science Foundation-NSF **FEDERAL** Investigating the structure of flexible polyelectrolytes 8.0 140,000 40,850 8/1/2013 7/31/2016 3 680,000 201,731 Total ENMT, Saleh record(s): Seshadri Ram **INDUSTRY** Mitsubishi Group (Japan) IRP-4: Phosphors for Solid State Lighting 1.0 0 9/1/2002 8/31/2014 **INDUSTRY** Solution Deposition Systems Low cost and green solution deposition of multifunctional oxide films 86,252 29,970 1/1/2014 12/31/2014 1.0 2 Total ENMT, Seshadri record(s): 86,252 29,970 James S Speck **FEDERAL** Navy Basic Materials Studies in MBE-Grown III-Nitrides for Advanced Electronics 5.0 63,423 18,760 11/1/2011 10/31/2014 Navy **FEDERAL** Basic Materials Studies in MBE-Grown III-Nitrides for Advanced Electronics 5.0 65,000 19,221 11/1/2011 10/31/2014 **FEDERAL** Navy Basic Materials Studies in MBE-Grown III-Nitrides for Advanced Electronics 5.0 45,000 11/1/2011 10/31/2014 13,101 **FEDERAL** Navy Basic Materials Studies in MBE-Grown III-Nitrides for Advanced Electronics 5.0 25,969 7,155 11/1/2011 10/31/2014 King Abdullah University of Science and Technology **NOT PROFIT** Solid State Lighting Program 5.0 4,150,000 1,252,960 6/1/2013 5/31/2018

King Abdulaziz City for Science and Technology

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Report Totals:

| Report Totals:  |             |               |                |            |            |
|---|-------------|---------------|----------------|------------|------------|
| Record Count: : 934   |             |               |                |            |            |
| Total Support: : 208,882,613  |             |               |                |            |            |
| Total Indirect Costs: : 43,872,798  |             |               |                |            |            |
| College/Department/PI Sponsor/Sposnor Category/Title                            | PI % Time   | Total Support | Indirect Costs | Start date | End date   |
| Solid State Lighting Program  | 5.0         | 4,508,848     | 1,324,671      | 6/1/2013   | 5/31/2018  |
| King Abdulaziz City for Science and Technology                                  | NOT PROFIT  |               |                |            |            |
| High Performance Deep UV LED Array for Effective Microbial Sterilization        | 5.0         | 360,000       | 108,218        | 9/1/2013   | 8/31/2014  |
| Total ENMT, Speck record(s):  | 7           | 9,218,240     | 2,744,086      |            |            |
| Stemmer Susanne   |             |               |                |            |            |
| DA Army Research, Durham, N.C. Office (AROD)                                    | FEDERAL     |               |                |            |            |
| Emergent Phenomena at Mott Interfaces   | 10.0        | 729,167       | 132,075        | 8/1/2009   | 7/31/2015  |
| DN Office Of Naval Research (ONR)   | FEDERAL     |               |                |            |            |
| Extreme Electron Concentration Oxide Devices (EXCEDE)                           | 10.0        | 586,948       | 61,596         | 9/1/2012   | 7/31/2015  |
| DN Office Of Naval Research (ONR)   | FEDERAL     |               |                |            |            |
| Extreme Electron Concentration Oxide Devices (EXCEDE)                           | 10.0        | 500,000       | 52,484         | 9/1/2012   | 7/31/2015  |
| DN Office Of Naval Research (ONR)   | FEDERAL     |               |                |            |            |
| Extreme Electron Concentration Oxide Devices (EXCEDE)                           | 10.0        | 413,052       | 43,576         | 9/1/2012   | 7/31/2015  |
| National Science Foundation-NSF   | FEDERAL     |               |                |            |            |
| High-Mobility Perovskite Thin Films   | 5.0         | 390,000       | 116,849        | 6/1/2014   | 5/31/2018  |
| UC Los Angeles  | UC          |               |                |            |            |
| Center of Function Accelerated nanoMaterial Engineering (FAME)                  | 10.0        | 100,000       | 31,338         | 1/15/2013  | 4/30/2014  |
| UC Los Angeles  | UC          |               |                |            |            |
| Center of Function Accelerated nanoMaterial Engineering (FAME)                  | 10.0        | 100,000       | 31,338         | 1/15/2013  | 10/31/2014 |
| DOE Miscellaneous Offices and Programs  | FEDERAL     |               |                |            |            |
| Probing Correlated Phenomena in Oxide Structures with Quantitative STEM         | 5.0         | 160,000       | 48,970         | 9/1/2002   | 12/31/2014 |
| Total ENMT, Stemmer record(s):  | 8           | 2,979,167     | 518,226        |            |            |
| Van de walle Christian G.   |             |               |                |            |            |
| DA Army Research, Durham, N.C. Office (AROD)                                    | FEDERAL     |               |                |            |            |
| First-Principle Investigations of Ga2O3 and related materials as novel 2D condu | uctors. 5.0 | 50,000        | 17,320         | 9/1/2013   | 6/30/2014  |

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 Total Indirect Costs:
 :
 43,872,798

| ge/Departme | nt/PI Sponsor/Sposnor Category/Title  | PI % Time   | Total Support | Indirect Costs | Start date | End date   |
|-------------|---|-------------|---------------|----------------|------------|------------|
|             | DA Army Research, Durham, N.C. Office (AROD)  | FEDERAL     |               |                |            |            |
|             | First-Principle Investigations of Ga2O3 and related materials as novel 2D conductors.   | 5.0         | 50,000        | 17,320         | 9/1/2013   | 11/30/2015 |
|             | DA Army Research, Durham, N.C. Office (AROD)  | FEDERAL     |               |                |            |            |
|             | First-principles theory of defects and interfaces in complex oxides   | 5.0         | 50,000        | 16,997         | 6/28/2011  | 6/30/2014  |
|             | DOE Miscellaneous Offices And Programs  | FEDERAL     |               |                |            |            |
|             | Uncovering and surmounting loss mechanisms in nitride light emitters  | 10.0        | 155,000       | 47,845         | 9/1/2013   | 8/31/2014  |
|             | DOE Miscellaneous Offices And Programs  | FEDERAL     |               |                |            |            |
|             | Computational Studies of Hydrogen Interactions with Storage Materials   | 10.0        | 140,000       | 42,632         | 8/15/2007  | 8/14/2014  |
|             | DOE Miscellaneous Offices And Programs  | FEDERAL     |               |                |            |            |
|             | Computational Studies of Hydrogen Interactions with Storage Materials   | 10.0        | 140,000       | 42,020         | 8/15/2007  | 8/14/2015  |
|             | Semiconductor Research Corporation  | NOT PROFIT  |               |                |            |            |
|             | Band Offsets and Quantum Confinement in Thin Films  | 1.0         | 75,000        | 20,197         | 4/1/2014   | 3/31/2015  |
|             | University Of Notre Dame (Incl Gem)   | HIGHER ED   |               |                |            |            |
|             | Center for low energy systems technology (LEAST)  | 10.0        | 215,124       | 68,430         | 1/15/2013  | 4/30/2014  |
|             | University Of Notre Dame (Incl Gem)   | HIGHER ED   |               |                |            |            |
|             | Center for low energy systems technology (LEAST)  | 10.0        | 215,124       | 68,430         | 1/15/2013  | 10/31/2014 |
|             | Total ENMT, Van de walle record(s):   | 9           | 1,090,248     | 341,191        |            |            |
| Van         | der Ven Anton   |             |               |                |            |            |
|             | University Of Michigan (Incl William Davidson Institute)  | HIGHER ED   |               |                |            |            |
|             | Integration of Advanced Analysis and Materials Research: Capturing Process Sensitive Materials Information in Compact, Computationally Efficient Models | terials10.0 | 145,680       | 50,490         | 8/1/2013   | 7/31/2014  |
|             | Total ENMT, Van der Ven record(s):  | 1           | 145,680       | 50,490         |            |            |
| Zok         | Francis W   | ,           |               |                |            |            |
|             | Aurora Group (The)  | INDUSTRY    |               |                |            |            |
|             | Interlaminar Mode I and Mode II Fracture Toughness in Ceramic Matrix Composites   | 5.0         | 35,000        | 12,124         | 8/1/2013   | 3/15/2014  |
|             | DN Office Of Naval Research (ONR)   | FEDERAL     |               |                |            |            |

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| lege/Department | t/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|-----------------|---|-----------|---------------|----------------|------------|------------|
|                 | Matrix Concepts and Processing Protocols for Robust SiC-Based CMCs  | 10.0      | 190,000       | 60,012         | 7/16/2013  | 9/30/2016  |
|                 | DN Office Of Naval Research (ONR)   | FEDERAL   |               |                |            |            |
|                 | Matrix Concepts and Processing Protocols for Robust SiC-Based CMCs  | 10.0      | 50,000        | 15,617         | 7/16/2013  | 9/30/2016  |
|                 | Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)   | INDUSTRY  |               |                |            |            |
|                 | Hypersonic Materials and Structures   | 10.0      | 50,000        | 15,619         | 7/16/2009  | 5/31/2014  |
|                 | Teledyne (Incl Electronic Tech, Microwave, Adv Materials, Relay, Etc)   | INDUSTRY  |               |                |            |            |
|                 | Hypersonic Materials and Structures   | 10.0      | 60,000        | 18,743         | 7/16/2009  | 8/28/2014  |
|                 | Pratt & Whitney   | INDUSTRY  |               |                |            |            |
|                 | Task 18: The Evaluation and Improvement of the Thermal and Environmental Stability of Stoichiometric SiC Fibers   | 10.0      | 116,633       | 40,527         | 1/1/2014   | 12/31/2014 |
|                 | Pratt & Whitney   | INDUSTRY  |               |                |            |            |
|                 | Task 19: Fundamental Understanding of Critical Parameters that Influence the Mechanical Properties of SiC/SiC CMCs with Pre-ceramic Polymer-Derived Matrices. | 10.0      | 58,367        | 14,886         | 1/1/2014   | 12/31/2014 |
|                 | Pratt & Whitney   | INDUSTRY  |               |                |            |            |
|                 | Task 20: Evaluation of the Environmental Resistance of PIP based SiC/SiC CMCs   | 10.0      | 58,367        | 14,886         | 1/1/2014   | 12/31/2014 |
|                 | Pratt & Whitney   | INDUSTRY  |               |                |            |            |
|                 | Task 21: The Effect of Environmental Barrier Coatings on the Mechanical Properties and Durability of the Underlying Ceramic Matrix Composite                  | 10.0      | 116,633       | 34,984         | 1/1/2014   | 12/31/2014 |
|                 | IHI Corporation   | INDUSTRY  |               |                |            |            |
|                 | Deformation and Fracture of 3D Fiber-Reinforced Ceramic Matrix Composites   | 10.0      | 100,000       | 34,640         | 12/1/2013  | 3/31/2014  |
|                 | IHI Corporation   | INDUSTRY  |               |                |            |            |
|                 | Deformation and Fracture of 3D Fiber-Reinforced Ceramic Matrix Composites   | 10.0      | 100,000       | 34,640         | 12/1/2013  | 12/31/2014 |
|                 | Total ENMT, Zok record(s):  | 11        | 935,000       | 296,678        |            |            |
| Total MAT       | ERIALS - ENMT record(s)   | 85        | 28,017,304    | 7,261,842      |            |            |

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|--|------------|---------------|----------------|------------|------------|
| Parameters:  |            |               |                |            |            |
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| Report Totals:   |            |               |                |            |            |
| Record Count: : 934  |            |               |                |            |            |
| Total Support: : 208,882,613   |            |               |                |            |            |
| Total Indirect Costs: : 43,872,798   |            |               |                |            |            |
| College/Department/PI Sponsor/Sposnor Category/Title                                     | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| MATERIALS RESEARCH LABORATORY - MTRL   |            |               |                |            |            |
| Gutekunst Will   |            |               |                |            |            |
| NIH General Medical Sciences, National Institute Of                                      | FEDERAL    |               |                |            |            |
| Development of Sequence Controlled Polymers for Antibacterial Therapeutics and Coatings  | 100.0      | 47,114        | 0              | 9/16/2013  | 9/15/2014  |
| Total MTRL, Gutekunst record(s):   | 1          | 47,114        | 0              |            |            |
| Total MATERIALS RESEARCH LABORATORY - MTRL record(s)                                     | 1          | 47,114        | 0              |            |            |
| MECHANICAL ENGINEERING - MECE  |            |               |                | ,          |            |
| Bamieh Bassam A.   |            |               |                |            |            |
| Cold Spring Harbor Laboratory  | NOT PROFIT |               |                |            |            |
| INSPIRE Track 1: Zero-One Laws at the Interface Between Physics, Engineering and Biology | 5.0        | 107,717       | 37,403         | 10/1/2013  | 9/30/2014  |
| Total MECE, Bamieh record(s):  | 1          | 107,717       | 37,403         |            |            |
| Begley Matthew   |            |               |                |            |            |
| DN Office Of Naval Research (ONR)  | FEDERAL    |               |                |            |            |
| Multi-Physics Simulations of EBC Durability  | 10.0       | 130,000       | 39,334         | 7/16/2013  | 9/30/2016  |
| DN Office Of Naval Research (ONR)  | FEDERAL    |               |                |            |            |
| Multi-Physics Simulations of EBC Durability  | 10.0       | 50,000        | 14,917         | 7/16/2013  | 9/30/2016  |
| NIH Biomedical Imaging And Bioengineering, Natl Institute Of (NIBIB)                     | FEDERAL    |               |                |            |            |
| Passive Flow Control for Integrated Genomic Analysis Microchips                          | 5.0        | 13,774        | 0              | 4/1/2013   | 3/31/2015  |
| Total MECE, Begley record(s):  | 3          | 193,774       | 54,251         |            |            |
| Beltz Glenn E  |            |               |                |            |            |
| UC Irvine  | UC         |               |                |            |            |
| California Louis Stokes Alliance for Minority Participation Phase V                      | 2.0        | 75,000        | 0              | 7/1/2011   | 6/30/2014  |
| UC MESA  | UC         | -             |                |            | -          |
| UCSB 2013-2014 MESA MSP Schools Program  | 10.0       | 170,000       | 0              | 7/1/2013   | 12/31/2014 |
| UC MESA  | UC         |               |                |            |            |

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| ecord Count:         | :                         | 934                       |  |           |               |                |            |           |
|----------------------|---------------------------|---------------------------|--|-----------|---------------|----------------|------------|-----------|
| otal Support:        | :                         | 208,882,613               |  |           |               |                |            |           |
| otal Indirect Costs: | :                         | 43,872,798                |  |           |               |                |            |           |
| college/Department/  | PI                        | Sponsor/Sposno            | r Category/Title                                     | PI % Time | Total Support | Indirect Costs | Start date | End date  |
| 2                    | 2013-14 UC                | SB MESA MEP               |  | 5.0       | 10,000        | 0              | 7/1/2011   | 6/30/2014 |
| Ī                    | Total MECI                | , Beltz record(s):        |  | 3         | 255,000       | 0              |            |           |
| Bullo                |                           | Francesco                 |  |           |               |                |            |           |
| С                    | DA Army Re                | search Development an     | d Engineering Command                                | FEDERAL   |               |                |            |           |
| D                    | Dynamic Ro                | uting and Coordination i  | n Multi-Agent Networks                               | 5.0       | 125,000       | 36,598         | 3/1/2011   | 2/28/2015 |
| Ī                    | Total MEC                 | , Bullo record(s):        |  | 1         | 125,000       | 36,598         |            |           |
| Doyle D              |                           | Frank                     |  |           |               |                |            |           |
| D                    | DA Army Re                | search, Durham, N.C. O    | ffice (AROD)   | FEDERAL   |               |                |            |           |
|                      | Task 26: Au<br>nteraction | tomation through Neura    | lly-Decoded Intent (ANDI) for Crew Station Tasks and | 25.0      | 258,104       | 30,620         | 4/19/2013  | 4/19/2015 |
| Ī                    | Total MECI                | , Doyle record(s):        |  | 1         | 258,104       | 30,620         | '          |           |
| -<br>Gibou           |                           | Frederic                  | G  |           |               |                |            |           |
| D                    | ON Office O               | f Naval Research (ONR)    |  | FEDERAL   |               |                |            |           |
| H                    | ligh Resolu               | tion Numerical Methods    | for Ship Hydrodynamics                               | 10.0      | 50,000        | 16,997         | 10/1/2010  | 9/30/2014 |
| Ī                    | Total MEC                 | , Gibou record(s):        |  | 1         | 50,000        | 16,997         |            |           |
| Kedwa                | rd                        | Keith                     | Т  |           |               |                |            |           |
| D                    | Deployable :              | Space Systems, Inc.       |  | INDUSTRY  |               |                |            |           |
| M                    | 1aterials an              | d Structures Optimization | on/Process Development for the Mega-ROSA Solar Array | 0.8       | 200,000       | 57,112         | 9/10/2013  | 7/10/2015 |
| Ī                    | Total MEC                 | , Kedward record(s)       | •  | 1         | 200,000       | 57,112         | '          |           |
| Lopez                |                           | Benjamin                  |  | ,         |               |                |            |           |
| N                    | NIH General               | Medical Sciences, Natio   | onal Institute Of                                    | FEDERAL   |               |                |            |           |
| D                    | Determining               | How Tau and EB1 Affe      | ct Microtubule Structure & Kinesin Translocation     | 100.0     | 52,190        | 0              | 8/1/2013   | 7/31/2014 |
| Ţ                    | Total MEC                 | , Lopez record(s):        |  | 1         | 52,190        | 0              |            |           |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**FEDERAL** 

7/15/2014 Parameters: 7/1/2013 6/30/2014 Dates (Award Approved) : TO: **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Robert Μ Mcmeeking HIGHER ED University Of South Carolina Energy Frontier Research Center: Science Based Nano-Structure Design and Synthesis of 5.0 50,000 16,997 8/1/2009 7/31/2014 Heterogeneous Functional Materials for Energy Systems Third Wave Technologies, Inc. **INDUSTRY** 5.0 226,175 76,406 9/1/2012 8/31/2014 Microstructure modeling for machining Johns Hopkins University HIGHER ED A Collaborative Program for the Multiscale Modeling and Design of Materials for Extreme 5.0 54,590 18,557 1/1/2014 12/31/2015 **Dynamic Environments** Johns Hopkins University HIGHER ED A Collaborative Program for the Multiscale Modeling and Design of Materials for Extreme 5.0 43,330 14,729 1/1/2014 12/31/2015 Dynamic Environments Total MECE, Mcmeeking record(s): 4 374,095 126,689 Meiburg Eckart Н. National Science Foundation-NSF **FEDERAL** Travel Support for U.S. Participants Attending the IUTAM Symposium on Multiphase Flows with 1.0 16,800 10/1/2014 3/31/2015 0 Phase Change: Challenges and Opportunities National Science Foundation-NSF **FEDERAL** 74,406 Gravity Currents and Related Phenomena: A Circulation-Based Modeling Framework 2.0 269,999 9/1/2013 8/31/2016 Total MECE, Meiburg record(s): 2 286,799 74,406 Mezic Igor DA Army Misc Bases And Agencies **FEDERAL** Dynamics of System of Systems and Applications to Net Zero Energy Facilities 5.0 175,000 57,789 10/1/2011 9/30/2013 **FEDERAL** DA Army Misc Bases And Agencies Dynamics of System of Systems and Applications to Net Zero Energy Facilities 5.0 175,000 59,488 10/1/2011 9/30/2014

DN Office Of Naval Research (ONR)

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: 934

| Record Count:        | :  | 934                     |   |                |               |                |            |            |
|----------------------|--|-------------------------|---|----------------|---------------|----------------|------------|------------|
| Total Support:       | :  | 208,882,613             |   |                |               |                |            |            |
| Total Indirect Costs | s: :   | 43,872,798              |   |                |               |                |            |            |
| College/Departmen    | nt/PI  | Sponsor/Sposi           | nor Category/Title                                | PI % Time      | Total Support | Indirect Costs | Start date | End date   |
|                      | Koopman M  | Node Decomposition an   | d Mixing in Fluid Flows                           | 5.0            | 33,090        | 11,533         | 7/1/2014   | 6/30/2017  |
|                      | UC Los Ang   | geles                   |   | UC             |               |                |            |            |
|                      | Inferring St   | tructure and Forecastin | g Dynamics on Evolving Networks                   | 8.0            | 4,994         | 1,697          | 9/30/2013  | 11/29/2013 |
|                      | UC Los Ang   | geles                   |   | UC             |               |                |            |            |
|                      | Inferring St   | tructure and Forecastin | g Dynamics on Evolving Networks                   | 8.0            | 32,542        | 11,062         | 11/30/2013 | 11/29/2014 |
|                      | Woods Hole   | e Oceanographic Institu | ution   | HIGHER ED      |               |                |            |            |
|                      | Dynamical :  | Systems Theory and La   | agrangian Data Assimilation in 4D Geophysical Flu | id Dynamics8.0 | 59,545        | 20,241         | 10/1/2010  | 9/30/2014  |
|                      | Woods Hole   | e Oceanographic Institu | ution   | HIGHER ED      |               |                |            |            |
|                      | Dynamical :  | Systems Theory and La   | agrangian Data Assimilation in 4D Geophysical Flu | id Dynamics8.0 | 15,000        | 4,759          | 10/1/2010  | 9/30/2015  |
|                      | Woods Hole   | e Oceanographic Institu | ution   | HIGHER ED      |               |                |            |            |
|                      | Dynamical :  | Systems Theory and La   | agrangian Data Assimilation in 4D Geophysical Flu | id Dynamics8.0 | 78,312        | 26,621         | 10/1/2010  | 9/30/2015  |
|                      | Woods Hole   | e Oceanographic Institu | ution   | HIGHER ED      |               |                |            |            |
|                      | Dynamical Systems Theory and Lagrangian Data Assimilation in 4D Geophysical Fluid Dy |                         |   | id Dynamics8.0 | 90,000        | 24,815         | 10/1/2010  | 9/30/2015  |
|                      | Total MECE, Mezic record(s):   |                         |   | 9              | 663,483       | 218,005        |            |            |
| Moeh                 | hlis   | Jeffrey                 | Michael   |                |               |                |            |            |
|                      | National Sc  | cience Foundation-NSF   |   | FEDERAL        |               |                |            |            |
|                      | Collaborativ   | ve research: Optimal st | imulus waveform design for Parkinson's disease    | 10.0           | 215,889       | 56,082         | 8/15/2013  | 7/31/2016  |
|                      | National Sc  | ience Foundation-NSF    |   | FEDERAL        |               |                |            |            |
|                      | Optimal ter  | mination of spiral wave | es associated with cardiac arrhythmias            | 5.0            | 375,000       | 95,928         | 4/1/2014   | 3/31/2017  |
|                      | Total MEC  | E, Moehlis record(s)    | :   | 2              | 590,889       | 152,010        |            |            |
| Odet                 | tte  | George                  | R   |                |               |                |            |            |
|                      | DOE Idaho  | Operations Office       |   | FEDERAL        |               |                |            |            |
|                      | The US Dep   | partment of Energy Nu   | clear Energy Graduate Fellowship Program          | 5.0            | 155,000       | 0              | 8/25/2010  | 8/24/2018  |
|                      | Rolls-Royce  | 2                       |   | INDUSTRY       |               |                |            |            |
|                      | Analysis of  | Advanced Trial Irradiat | ted Specimens                                     | 5.0            | 300,000       | 101,908        | 1/1/2012   | 6/30/2015  |

REPORT DATE:

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**Parameters:** 

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Report Totals:

| Record Count:         | :   | 934                 |  |            |               |                |            |            |
|-----------------------|---|---------------------|--|------------|---------------|----------------|------------|------------|
| Total Support:        | :   | 208,882,613         |  |            |               |                |            |            |
| Total Indirect Costs: | :   | 43,872,798          |  |            |               |                |            |            |
| College/Department/F  | PI  | Sponsor/            | Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| T                     | otal MEC  | E, Odette record    | d(s):  | 2          | 455,000       | 101,908        |            |            |
| Paden                 |   | Brac                | lley   |            |               |                |            |            |
| A                     | dvanced S   | cientific Concepts  | , INC  | INDUSTRY   |               |                |            |            |
|                       | naging thr<br>/stems                                  | ough low-visibility | fire smoke for ship-board navigation of robotic fire-fighting                                | 5.0        | 40,000        | 11,916         | 7/1/2012   | 1/12/2013  |
| T                     | otal MEC  | E, Paden record     | (s):   | 1          | 40,000        | 11,916         |            |            |
| Pennath               | nur   | Sum                 | nita   |            |               |                |            |            |
| D                     | A Army Re   | esearch, Durham,    | N.C. Office (AROD)   | FEDERAL    |               |                |            |            |
|                       |   |                     | on and Separation System for Analysis of Protein and Peptide netics Instrumentation Proposal | 1.0        | 169,114       | 0              | 8/1/2013   | 7/31/2014  |
| D                     | DA Army Research, Durham, N.C. Office (AROD)          |                     |  | FEDERAL    |               |                | 1          |            |
| N                     | anofluidic  | analysis of protei  | n transport, adsorption and kinetics   | 5.0        | 200,000       | 61,506         | 1/23/2012  | 1/22/2015  |
| D                     | DA Army Research, Durham, N.C. Office (AROD)          |                     |  | FEDERAL    |               |                | ,          |            |
| <u>Ir</u>             | nvolving U  | ndergraduates in    | Nanofluidics Research  | 1.0        | 9,496         | 3,310          | 1/23/2012  | 1/22/2015  |
| N                     | ational Sci   | ence Foundation-    | NSF  | FEDERAL    |               |                | ,          |            |
|                       | ollaborativ<br>hannels                                | e Research: Elect   | rokinetic Transport and Separation in MEMS-fabricated Nanoflu                                | idic5.0    | 245,118       | 60,997         | 6/1/2014   | 5/31/2017  |
| T                     | otal MEC  | E, Pennathur re     | cord(s):   | 4          | 623,728       | 125,813        | 1          |            |
| Soh                   |   | Нуо                 | ngsok Tom  |            |               |                | 1          |            |
| M                     | edImmun   | e, Inc.             |  | INDUSTRY   |               |                |            |            |
| M                     | icrofluidic   | selection of DNA    | aptamers that bind to host cell proteins   | 5.0        | 448,162       | 140,621        | 8/1/2011   | 12/31/2014 |
| Si                    | anford-Bur  | rnham Medical Re    | search Institute   | NOT PROFIT |               |                |            |            |
| Н                     | ybrid Nand  | otechnologies for   | Detection and Synergistic Therapies for Breast Cancer  | 5.0        | 50,000        | 12,483         | 9/21/2009  | 9/20/2014  |
| N                     | IH Diabete  | es, Digestive & Ki  | dney Diseases, National Institute Of   | FEDERAL    |               |                |            |            |
| Q                     | QPASS: Quantitative Parallel Aptamer Selection System |                     |  | 25.0       | 999,836       | 150,703        | 8/1/2013   | 1/31/2015  |
| Ū                     | niversity o   | f Southern Califor  | nia (Incl Kenneth Norris, Jr Cancer Ctr)   | HIGHER ED  |               |                |            |            |

#### OFFICE OF RESEARCH

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Report Totals:

Record Count: 934 Total Supports 208 882 613

| l College of E        | Engineering r           | ecords:  |  | 381        | 104,283,423   | 22,716,525     |            |          |
|-----------------------|-------------------------|--|--|------------|---------------|----------------|------------|----------|
| Total TECH            | HNOLOGY MA              | ANAGEMENT PROGRA                                     | M - TECH record(s)   | 1          | 309,170       | 94,127         |            |          |
|                       | Total TECH,             | Leonardi record(s):                                  |  | 1          | 309,170       | 94,127         |            |          |
|                       | Improving the           | e Effectiveness of Organ                             | izational Knowledge Transfer Through Social Media Use                            | 0.1        | 309,170       | 94,127         | 6/30/2014  | 8/31/20  |
|                       | National Scien          | nce Foundation-NSF                                   |  | FEDERAL    |               |                |            |          |
| Leona                 | ardi                    | Paul   | М  |            |               |                |            |          |
| TECHNOLO <sup>6</sup> | GY MANAGEM              | ENT PROGRAM - TECH                                   |  |            |               |                |            |          |
| Total MEC             | HANICAL EN              | GINEERING - MECE r                                   | ecord(s)   | 44         | 6,381,678     | 1,513,898      |            |          |
|                       | Total MECE,             | Valentine record(s):                                 |  | 2          | 255,000       | 74,564         |            |          |
|                       | Role of motor           | r/cargo attachment mec                               | nanics in collective kinesin transport   | 5.0        | 250,000       | 74,564         | 12/1/2013  | 11/30/20 |
|                       | National Scien          | nce Foundation-NSF                                   |  | FEDERAL    |               |                |            |          |
|                       |                         | integrated approach to r<br>I interactions between n | neuron mechanics: deciphering the functional, mechanic<br>nicrotubules and actin | cal,5.0    | 5,000         | 0              | 4/1/2013   | 3/31/20  |
|                       | National Scien          | nce Foundation-NSF                                   |  | FEDERAL    |               |                |            |          |
| Valen                 | ntine                   | Megan  | T.   |            |               |                |            |          |
|                       | Total MECE,             | Turner record(s):                                    |  | 1          | 150,000       | 43,850         |            |          |
|                       | PiezoElectric (PENNTAC) | Non-Linear Nanomechar                                | nical Temperature and Acceleration Insensitive Clocks                            | 10.0       | 150,000       | 43,850         | 8/20/2012  | 3/20/20  |
|                       | Carnegie Mell           | lon University                                       |  | HIGHER ED  |               |                |            |          |
| Turne                 | er                      | Kimberly   | L.   |            |               |                |            |          |
|                       | Total MECE,             | Soh record(s):                                       |  | 5          | 1,700,899     | 351,756        |            |          |
|                       | Midwestern P            | rogenitor Cell Consortiu                             | m  | 5.0        | 125,357       | 29,575         | 5/1/2013   | 4/30/20  |
|                       | Morgridge Ins           | stitute For Research                                 |  | NOT PROFIT |               |                |            |          |
|                       | Polypeptide D           | Design with Proteomic So                             | cope via Microfluidic mRNA Display   | 5.0        | 77,544        | 18,374         | 9/30/2009  | 8/31/20  |
| e/Departmen           | t/PI                    | Sponsor/Sposnor                                      | Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End da   |
| Indirect Costs        | · :                     | 43,872,798   |  |            |               |                |            |          |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

| PROPOSALS AWARDED BY DEPARTMENT/P  | I (By First PI's Home | pept)         | REPORT D       | AIE:       | //15/2014  |
|--|-----------------------|---------------|----------------|------------|------------|
| Parameters:  |                       |               |                |            |            |
| Oates (Award Approved) : 7/1/2013 TO: 6/30/2014                                |                       |               |                |            |            |
| Report Totals:   |                       |               |                |            |            |
| Record Count: : 934  |                       |               |                |            |            |
| Fotal Support: : 208,882,613   |                       |               |                |            |            |
| Total Indirect Costs: : 43,872,798   |                       |               |                |            |            |
| College/Department/PI Sponsor/Sposnor Category/Title                           | PI % Time             | Total Support | Indirect Costs | Start date | End date   |
| College of Letters & Science   |                       |               |                |            |            |
| Humanities & Fine Arts   | ·                     |               |                |            |            |
| DRAMATIC ART - DRAM  |                       |               |                |            |            |
| Kim Suk-Young  |                       |               |                |            |            |
| American Cncl Of Learned Societies   | NOT PROFIT            |               |                |            |            |
| Historicizing the Rise of Korean Pop Music and Digital Media                   | 100.0                 | 65,000        | 0              | 7/1/2014   | 6/30/2015  |
| Total DRAM, Kim record(s):   | 1                     | 65,000        | 0              |            |            |
| Morgan Michael   |                       |               |                |            |            |
| NFAH Arts, National Endowment For The  | FEDERAL               |               |                |            |            |
| The Odyssey Project  | 0.0                   | 40,000        | 0              | 6/1/2014   | 5/31/2015  |
| Total DRAM, Morgan record(s):  | 1                     | 40,000        | 0              |            |            |
| Morton Carlos  |                       |               |                |            |            |
| UC MEXUS   | UC                    |               |                |            |            |
| In Search of the Brown Buffalo   | 10.0                  | 990           | 0              | 3/1/2014   | 2/28/2015  |
| Total DRAM, Morton record(s):  | 1                     | 990           | 0              |            |            |
| Total DRAMATIC ART - DRAM record(s)  | 3                     | 105,990       | 0              |            |            |
| ENGLISH - ENGL   | ,                     |               |                |            |            |
| Fumerton Patricia  |                       |               |                |            |            |
| National Endowment for the Humanities-NEH                                      | FEDERAL               |               |                |            |            |
| EBBA: Crawford Ballads   | 0.2                   | 3,753         | 461            | 7/1/2012   | 6/30/2015  |
| Total ENGL, Fumerton record(s):  | 1                     | 3,753         | 461            |            |            |
| Stahmer Carl G   |                       |               |                |            |            |
| UC Riverside   | UC                    |               |                |            |            |
| Transforming the English Short Title Catalog into a 21st Century Research Tool | 0.8                   | 188,300       |                | 10/16/2013 | 10/31/2015 |
| Total ENGL, Stahmer record(s):   | 1                     | 188,300       | 0              |            |            |

## OFFICE OF RESEARCH

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REPORT DATE:

| arameters:   |             |               |                |            |            |
|--|-------------|---------------|----------------|------------|------------|
| ates (Award Approved) : 7/1/2013 TO: 6/30/2014   |             |               |                |            |            |
| eport Totals:  |             |               |                |            |            |
| ecord Count: : 934   |             |               |                |            |            |
| otal Support: : 208,882,613  |             |               |                |            |            |
| otal Indirect Costs: : 43,872,798  |             |               |                |            |            |
| ollege/Department/PI Sponsor/Sposnor Category/Title  | PI % Time   | Total Support | Indirect Costs | Start date | End date   |
| Total ENGLISH - ENGL record(s) HISTORY - HIST  | 2           | 192,053       | 461            |            |            |
| Barba Paul Andres  |             |               |                |            |            |
| UC MEXUS   | UC          |               |                |            |            |
| Enslaved in Texas: Slavery and Migration in Southeastern Comanchería   | 2.0         | 9,021         | 0              | 1/1/2014   | 12/31/2015 |
| Total HIST, Barba record(s):   | 1           | 9,021         | 0              |            |            |
| Chikowero Moses  |             |               |                |            |            |
| American Cncl Of Learned Societies   | NOT PROFIT  |               |                |            |            |
| Tool of Empire, Technology of Self-Liberation: Colonial Radio Broadcasting to Africans i Zambia, Zimbabwe and Malawi, 1939-1980. | n 60.0      | 64,000        | 0              | 7/1/2014   | 6/30/2017  |
| Total HIST, Chikowero record(s):   | 1           | 64,000        | 0              |            |            |
| Farmer Sharon Ann  |             |               |                |            |            |
| Institute for Advanced Study of Paris  | NOT PROFIT  |               |                |            |            |
| Medieval Paris and the Mediterranean: The Origins of the Paris Silk Industry in the Thir Century.                                | teenth 10.0 | 44,999        | 0              | 9/1/2013   | 6/30/2014  |
| Total HIST, Farmer record(s):  | 1           | 44,999        | 0              |            |            |
| Roberts Luke S   |             |               |                |            |            |
| Japan Foundation (The)   | NOT PROFIT  |               |                |            |            |
| Bringing Politics Back into Japanese Cultural Studies  | 5.0         | 39,234        | 0              | 9/1/2013   | 8/31/2014  |
| Total HIST, Roberts record(s):   | 1           | 39,234        | 0              | '          |            |
| Total HISTORY - HIST record(s)   | 4           | 157,254       | 0              |            |            |
| HISTORY OF ART & ARCHITECTURE - ARTH   |             |               |                |            |            |
| Paul Carole  |             |               |                |            |            |
| National Endowment for the Humanities-NEH  | FEDERAL     |               |                |            |            |
| The Museo Capitolino and the Origins of the Public Art Museum.   | 100.0       | 50,400        | 0              | 7/1/2014   | 6/30/2015  |

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 Total Support:
 :
 208,882,613

 Total Indirect Costs:
 :
 43,872,798

| e/Department/PI             | Sponsor/Sposnor Category/Title                                 | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|-----------------------------|--|------------|---------------|----------------|------------|------------|
| Total ARTH,                 | Paul record(s):  | 1          | 50,400        | 0              |            |            |
| Robertson                   | Edward Bruce   |            |               |                |            |            |
| J. Paul Getty               | Trust, The (Incl. The Getty Foundation)                        | NOT PROFIT |               |                |            |            |
| "Inside Out: 1              | he Architecture of Smith and Williams"                         | 0.1        | 20,633        | 0              | 9/26/2012  | 5/31/2014  |
| Total ARTH,                 | Robertson record(s):   | 1          | 20,633        | 0              |            |            |
| Sorkin                      | Jennifer M   |            |               |                | ·          |            |
| American Cno                | Of Learned Societies   | NOT PROFIT |               |                |            |            |
| Live Form: W                | omen, Ceramics and Community, 1945-1975                        | 100.0      | 35,000        | 0              | 1/1/2015   | 12/31/2015 |
| Total ARTH,                 | Sorkin record(s):  | 1          | 35,000        | 0              |            |            |
| Total HISTORY OF ART        | & ARCHITECTURE - ARTH record(s)                                | 3          | 106,033       | 0              |            |            |
| LINGUISTICS - LING          |  |            |               |                |            |            |
| Brooks                      | Joseph Daniel  |            |               |                |            |            |
| Arcadia Fund                |  | NOT PROFIT |               |                |            |            |
| Documentation               | on, description, and analysis of the Andamang dialect of Chini | 5.0        | 14,671        | 0              | 1/1/2014   | 12/31/2014 |
| Total LING,                 | Brooks record(s):  | 1          | 14,671        | 0              |            |            |
| Total LINGUISTICS - L       | ING record(s)  | 1          | 14,671        | 0              |            |            |
| MEDIA ARTS & TECHNOL        | ogy program - matp   |            |               |                |            |            |
| Kim                         | Theodore   |            |               |                |            |            |
| National Scien              | nce Foundation-NSF   | FEDERAL    |               |                |            |            |
| CAREER: Ena                 | bling Efficient Non-Linearities in Biomechanical Simulations   | 10.0       | 109,929       | 24,820         | 2/1/2013   | 1/31/2018  |
| Total MATP                  | Kim record(s):   | 1          | 109,929       | 24,820         |            |            |
| Total MEDIA ARTS & T        | ECHNOLOGY PROGRAM - MATP record(s)                             | 1          | 109,929       | 24,820         |            |            |
|                             |  |            |               |                |            |            |
| MUSIC - MUSC                |  |            |               |                |            |            |
| MUSIC - MUSC  Kuchera-morin | Joann C  |            |               |                |            |            |

REPORT DATE:

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

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279,388

279,388

**Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 PI % Time College/Department/PI Sponsor/Sposnor Category/Title Total Support Indirect Costs Start date End date The Robert W. Deutsch Foundation Graduate Fellowships 2.0 750,000 9/1/2013 8/31/2017 **NOT PROFIT** Robert W. Deutsch Foundation The Robert W. Deutsch Foundation Graduate Fellowships 2.0 1,051 9/1/2013 8/31/2017 0 2 Total MUSC, Kuchera-morin record(s): 751,051 0 2 Total MUSIC - MUSC record(s) 751,051 0 **RELIGIOUS STUDIES - RELG** Egil Asprem Netherlands Organization For Appl Scientific Rsrch(Tno)(Netherlands) **NOT PROFIT** Occult Minds: Esotericism as Cognition and Culture 100.0 28,355 0 12/1/2013 12/1/2015 Netherlands Organization For Appl Scientific Rsrch(Tno)(Netherlands) NOT PROFIT Occult Minds: Esotericism as Cognition and Culture 100.0 13,416 0 12/1/2013 12/1/2015 2 Total RELG, Asprem record(s): 41,771 0 Campo Juan Eduardo Freeman Foundation, (The) **NOT PROFIT** Freeman Foundation Student Internships Proposal - Southeast and East Asia 0.1 76,950 1/1/2014 12/31/2014 1 Total RELG, Campo record(s): 76,950 0 Moore Kathleen **UC Irvine** UC Humanities Studio on Religions in Diaspora and Global Affairs 5.0 75,000 8/1/2013 3,986 6/30/2015 Total RELG, Moore record(s): 1 75,000 3,986

Clark

Wade

Religion in the United States: Pluralism and Public Presence

USDS Bureau Of Educational And Cultural Affairs

Total RELG, Roof record(s):

Roof

3/31/2015

4/1/2014

0

0

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

|                       |                             |                   |                      | PROPOSALS AWARDED BY DEPARTMENT/PI               | BY LIIST LT 2 HOUR | e Dept)       | KLPOKIL        | AIL.       | 7/13/2014  |
|-----------------------|-----------------------------|-------------------|----------------------|--|--------------------|---------------|----------------|------------|------------|
| Parameters:           |                             |                   |                      |  |                    |               |                |            |            |
| Dates (Award Approve  | ed) :                       | 7/1/2013          | TO:                  | 6/30/2014  |                    |               |                |            |            |
| Report Totals:        |                             |                   |                      |  |                    |               |                |            |            |
| Record Count:         | :                           | 934               |                      |  |                    |               |                |            |            |
| Total Support:        | :                           | 208,882,613       |                      |  |                    |               |                |            |            |
| Total Indirect Costs: | :                           | 43,872,798        |                      |  |                    |               |                |            |            |
| College/Department/P  | PI                          | Sponsor/S         | Sposnor              | Category/Title                                   | PI % Time          | Total Support | Indirect Costs | Start date | End date   |
| Taves                 |                             | Ann               |                      |  |                    |               |                |            |            |
| U                     | C Riverside                 |                   |                      |  | UC                 |               |                |            |            |
|                       | ne Role of I<br>eld Study o |                   | riences i            | n the Emergence of a Movement: A Quasi-Experimer | ntal 5.0           | 249,999       | 32,609         | 7/1/2013   | 6/20/2015  |
| To                    | otal RELG                   | , Taves record(   | s):                  |  | 1                  | 249,999       | 32,609         |            |            |
| Wallace               |                             | Vesr              | na                   |  |                    |               |                |            |            |
| Ar                    | merican Cn                  | cl Of Learned So  | cieties              |  | NOT PROFIT         |               |                |            |            |
| <u>T</u>              | ne Interpla                 | y between Buddh   | ist Text             | s, Images, and Rituals in Mongolian Buddhism     | 100.0              | 85,300        | 0              | 7/1/2014   | 6/30/2015  |
| <u>To</u>             | otal RELG                   | , Wallace recor   | d(s):                |  | 1                  | 85,300        | 0              |            |            |
| Total RELIGI          | OUS STU                     | DIES - RELG re    | cord(s)              |  | 7                  | 808,408       | 36,595         |            |            |
| Humanities & F        | ine Arts                    |                   |                      |  | 23                 | 2,245,389     | 61,876         |            |            |
| Mathematical, Life    | e & Physica                 | al Sciences       |                      |  |                    |               |                |            |            |
| CHEMISTRY &           | BIOCHEM                     | ISTRY - CHEM      |                      |  |                    |               |                |            |            |
| Bazan                 |                             | Guill             | ermo                 | С  |                    |               |                |            |            |
| -                     |                             | •                 | d.(Korea             | (Incl Lg Biomed & Lg Electronic)                 | INDUSTRY           |               |                |            |            |
| LC                    | G CPOS Col                  | labortive Effort  |                      |  | 10.0               | 120,000       | 33,582         | 5/1/2014   | 5/31/2015  |
| DI                    | N Office Of                 | Naval Research    | (ONR)                |  | FEDERAL            |               |                |            |            |
|                       | nproved Or<br>aterials      | ganic Solar Cells | via Mor <sub>l</sub> | phology Control Under Kinetic Conditions and New | 10.0               | 75,000        | 20,103         | 12/1/2013  | 11/30/2016 |
| DI                    | N Office Of                 | Naval Research    | (ONR)                |  | FEDERAL            |               |                |            |            |
|                       | nproved Or<br>aterials      | ganic Solar Cells | via Mor              | phology Control Under Kinetic Conditions and New | 10.0               | 120,000       | 33,504         | 12/1/2013  | 11/30/2016 |
| Di                    | N Office Of                 | Naval Research    | (ONR)                |  | FEDERAL            |               |                |            |            |
|                       | nproved Or<br>aterials      | ganic Solar Cells | via Mor              | phology Control Under Kinetic Conditions and New | 10.0               | 20,000        | 4,821          | 12/1/2013  | 11/30/2016 |
| Na                    | ational Scie                | ence Foundation-  | NSF                  |  | FEDERAL            |               |                |            |            |
| De                    | esign and F                 | Processing of Cor | njugated             | Polymers with High Charge Carrier Mobilities     | 10.0               | 390,000       | 96,848         | 7/1/2014   | 6/30/2017  |
|                       |                             |                   |                      |  |                    |               |                |            |            |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**FEDERAL** 

7/15/2014 **Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 PI % Time College/Department/PI Sponsor/Sposnor Category/Title Total Support Indirect Costs Start date End date **UC Irvine** UC CBC: Center for Chemistry at the Space-Time Limit (CaSTL) 1.0 76,610 20,791 8/15/2009 7/31/2014 Mitsubishi Group (Japan) **INDUSTRY** IRP-9: High Mobility Organic Semiconductors 1.0 0 8/15/2012 8/31/2014 **DOW Chemical Company INDUSTRY** Project 4: Novel Strategies for the Design and Preparation of Liquid Silicone Rubber 536,501 1.0 167,456 11/1/2011 10/31/2014 Alternatives Total CHEM, Bazan record(s): 8 1,338,111 377,105 Т Bowers Michael NIH National Institute On Aging **FEDERAL** Amyloid B-Protein: Wild Type and Familial Mutant Assembly and Inhibition 10.0 441,176 140,955 9/1/2013 6/30/2014 National Science Foundation-NSF **FEDERAL** 10.0 Peptide Assembly: Mechanism and Inhibition 495,000 152,620 9/1/2013 8/31/2016 DAF Office of Scientific Research **FEDERAL** 10.0 190,000 Litigated Metal Clusters: Structures, Energetics and Reactivity 59,408 6/15/2011 6/14/2014 DAF Office of Scientific Research **FEDERAL** Litigated Metal Clusters: Structures, Energetics and Reactivity 10.0 50,000 16,998 6/15/2011 6/14/2015 4 1,176,176 369,981 Total CHEM, Bowers record(s): Frank Brown L U.S.-Israel Binat'l Science Foundation (Bsf) (Intl) **NOT PROFIT** Correlations in membrane protein dynamics: experiment and theory 5.0 30,500 3,978 9/10/2013 8/31/2014 Total CHEM, Brown record(s): 1 30,500 3,978 Alison Butler

National Science Foundation-NSF

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: : Total Suppo Total Indire

| Total Support:      | : 208,882,613  |            |               |                |            |           |
|---------------------|--|------------|---------------|----------------|------------|-----------|
| Total Indirect Cost | s: : 43,872,798  |            |               |                |            |           |
| College/Departmer   | nt/PI Sponsor/Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
|                     | Amphiphilic Siderophores: Biosynthesis, Iron Uptake and Effect on Microbial Growth   | 25.0       | 314,000       | 81,990         | 7/1/2014   | 6/30/2017 |
|                     | Total CHEM, Butler record(s):  | 1          | 314,000       | 81,990         |            |           |
| Cher                | Irene  |            |               |                |            |           |
|                     | Chicago Community Trust (Includes Searle Scholars Program)   | NOT PROFIT |               |                |            |           |
|                     | Understanding the Emergence of Biological Phenotypes   | 10.0       | 300,000       | 0              | 7/1/2014   | 6/30/2017 |
|                     | Simons Foundation  | NOT PROFIT |               |                |            |           |
|                     | Evolutionary Fitness Landscapes in the Origin of Life  | 10.0       | 1,000,000     | 143,641        | 5/1/2013   | 4/30/2018 |
|                     | Total CHEM, Chen record(s):  | 2          | 1,300,000     | 143,641        |            |           |
| De v                | ries Mattanjah S   |            |               |                |            |           |
|                     | NASA Washington, D.C. Hq   | FEDERAL    |               |                |            |           |
|                     | A Bottom-up Approach to Understanding UV Hardiness in Prebiotic Nucleic Acids  | 10.0       | 158,590       | 21,809         | 6/17/2012  | 6/16/2016 |
|                     | NASA Washington, D.C. Hq   | FEDERAL    |               |                |            |           |
|                     | A Bottom-up Approach to Understanding UV Hardiness in Prebiotic Nucleic Acids  | 10.0       | 162,868       | 20,618         | 6/17/2012  | 6/16/2016 |
|                     | National Science Foundation-NSF  | FEDERAL    |               |                |            |           |
|                     | Photodynamics of nucleobases   | 10.0       | 511,250       | 122,207        | 9/15/2013  | 8/31/2016 |
|                     | Total CHEM, De vries record(s):  | 3          | 832,708       | 164,634        |            |           |
| Han                 | Songi  |            |               |                |            |           |
|                     | NIH Natl Ctr Research Resources  | FEDERAL    |               |                |            |           |
|                     | Arbitrary Pulse Shaping to Advance Electron Paramagnetic Resonance Tools for Biomedical Applications                       | 5.0        | 172,132       | 50,988         | 5/1/2013   | 4/30/2015 |
|                     | National Science Foundation-NSF  | FEDERAL    |               |                |            |           |
|                     | High-field dynamic nuclear polarization using spin probes and intrinsic defects at local interfaces of polymers and solids | 20.0       | 25,338        | 8,613          | 9/1/2011   | 8/31/2014 |
|                     | National Science Foundation-NSF  | FEDERAL    |               |                |            |           |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| record countr         | . 331   |           |               |                |            |            |
|-----------------------|---|-----------|---------------|----------------|------------|------------|
| Total Support:        | : 208,882,613   |           |               |                |            |            |
| Total Indirect Costs: | : 43,872,798  |           |               |                |            |            |
| College/Department    | /PI Sponsor/Sposnor Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                       | IDBR: Novel Electron-Nuclear Dual Resonance Instrument with Arbitrary Microwave Pulse Shaping to Advance the Structure and Dynamics Study of Biological Systems | 5.0       | 79,168        | 20,131         | 3/1/2012   | 2/28/2015  |
|                       | Total CHEM, Han record(s):  | 3         | 276,638       | 79,732         |            |            |
| Hayto                 | n Trevor W.   |           |               |                |            |            |
|                       | National Science Foundation-NSF   | FEDERAL   |               |                |            |            |
|                       | Harnessing the Unusual Electronic Properties of the Ketimide Ligand: The Pursuit of High<br>Oxidation State Metal Ions and Metal-Metal Bonds                    | 10.0      | 130,000       | 41,417         | 6/1/2014   | 5/31/2017  |
|                       | Total CHEM, Hayton record(s):   | 1         | 130,000       | 41,417         |            |            |
| Lipshu                | itz Bruce H.  |           |               |                |            |            |
|                       | NIH General Medical Sciences, National Institute Of   | FEDERAL   |               |                |            |            |
|                       | Transition Metal-Catalyzed Chemistry in Water at Room Temperature   | 16.0      | 254,335       | 78,979         | 6/1/2013   | 5/31/2014  |
|                       | Novartis Pharmaceutical (Switzerland) (Merger Of Ciba-Geigy & Sandoz)   | INDUSTRY  |               |                |            |            |
|                       | New Methodologies in Synthesis Using Micellar Catalysis   | 1.0       | 182,000       | 63,433         | 6/15/2014  | 6/15/2015  |
|                       | Total CHEM, Lipshutz record(s):   | 2         | 436,335       | 142,412        |            |            |
| Metiu                 | Horia I   |           |               |                | ,          |            |
|                       | DAF Office of Scientific Research   | FEDERAL   |               |                |            |            |
|                       | New aspects of catalytic activation of alkanes by modified oxides   | 10.0      | 125,000       | 37,006         | 4/1/2012   | 3/31/2015  |
|                       | DAF Office of Scientific Research   | FEDERAL   |               |                |            |            |
|                       | New aspects of catalytic activation of alkanes by modified oxides   | 10.0      | 125,000       | 36,717         | 4/1/2012   | 3/31/2015  |
|                       | Total CHEM, Metiu record(s):  | 2         | 250,000       | 73,723         |            |            |
| Nguye                 | en Thuc-quyen T   |           |               |                |            |            |
|                       | DN Office Of Naval Research (ONR)   | FEDERAL   |               |                |            |            |
|                       | Understanding Loss Mechanism in Solution Processed Bulk Heterojunction Organic Solar Cells  | 10.0      | 105,000       | 31,022         | 12/1/2013  | 11/30/2016 |
|                       | DN Office Of Naval Research (ONR)   | FEDERAL   |               |                |            |            |
|                       | Understanding Loss Mechanism in Solution Processed Bulk Heterojunction Organic Solar Cells  | 10.0      | 35,000        | 9,864          | 12/1/2013  | 11/30/2016 |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

| PROPOSALS AWARDED BY DEPAR  | IMENI/PI (BY FIISL PI S HOINE | Dept)         | KLPUKI L       | AIL.       | 7/13/2014  |
|---|-------------------------------|---------------|----------------|------------|------------|
| Parameters:   |                               |               |                |            |            |
| Dates (Award Approved) : 7/1/2013 TO: 6/30/2014   |                               |               |                |            |            |
| Report Totals:  |                               |               |                |            |            |
| Record Count: : 934   |                               |               |                |            |            |
| Total Support: : 208,882,613  |                               |               |                |            |            |
| Total Indirect Costs: : 43,872,798  |                               |               |                |            |            |
| College/Department/PI Sponsor/Sposnor Category/Title  | PI % Time                     | Total Support | Indirect Costs | Start date | End date   |
| National Science Foundation-NSF   | FEDERAL                       |               |                |            |            |
| Solution-Processed organic ratchets for energy HARVESTING                                   | 5.0                           | 400,000       | 120,421        | 7/1/2014   | 6/30/2017  |
| Total CHEM, Nguyen record(s):   | 3                             | 540,000       | 161,307        |            |            |
| Parsons Stanley M   |                               |               |                |            |            |
| Washington University, (St. Louis, Mo)  | HIGHER ED                     |               |                |            |            |
| PET Probes for Imaging the Vesicular Acetylcholine Transporter                              | 2.0                           | 33,083        | 11,246         | 6/15/2011  | 5/31/2014  |
| Total CHEM, Parsons record(s):  | 1                             | 33,083        | 11,246         |            |            |
| Plaxco Kevin W  |                               |               |                |            |            |
| NIH Allergy & Infectious Diseases, National Institute Of                                    | FEDERAL                       |               |                |            |            |
| A new approach to quantitative, point-of-care serology                                      | 10.0                          | 342,759       | 108,203        | 9/1/2013   | 6/30/2014  |
| NIH Allergy & Infectious Diseases, National Institute Of                                    | FEDERAL                       | 312,733       | 100,203        | 3/1/2013   | 0/30/2011  |
| Rapid Detection of Diagnostic Chemokines  | 10.0                          | 14,291        | 4,225          | 2/1/2013   | 1/31/2014  |
| NIH Allergy & Infectious Diseases, National Institute Of                                    | FEDERAL                       | 1.7231        | 1,223          | 2,1,2013   | 1,01,2011  |
| Rapid Detection of Diagnostic Chemokines  | 10.0                          | 321,557       | 90,228         | 2/1/2014   | 1/31/2015  |
| NIH Biomedical Imaging And Bioengineering, Natl Institute Of (NIBIB)                        | FEDERAL                       | 522,551       |                |            |            |
| A new tool for measuring surface-biomolecule interactions                                   | 5.0                           | 185,795       | 60,795         | 4/1/2014   | 3/31/2015  |
| Total CHEM, Plaxco record(s):   | 4                             | 864,402       | 263,451        |            |            |
| Read de alaniz Javier   |                               | ,             |                |            |            |
| DN Naval Postgraduate School  | FEDERAL                       |               |                |            |            |
| Investigation of Mechanophores Under High Strain-Rates                                      | 5.0                           | 80,000        | 223,990        | 12/3/2013  | 12/2/2014  |
| National Science Foundation-NSF   | FEDERAL                       |               |                |            |            |
| CAREER: New Advances in the Cascade Rearrangement of Furylcarbinols for Molecular Synthesis | Complex 10.0                  | 22,953        | 7,802          | 7/1/2011   | 6/30/2016  |
| DOW Chemical Company  | INDUSTRY                      |               |                | '          |            |
| Project 5: Polymeric Hydroxamic Acid Materials as Tunable Chelants                          | 1.0                           | 101,617       | 35,273         | 11/1/2013  | 10/31/2014 |
|   |                               |               |                |            |            |

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**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

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|---------------------|----------------|----------------------------|--|------------|---------------|----------------|------------|------------|
| Report Totals:      |                |                            |  |            |               |                |            |            |
| Record Count:       | :              | 934                        |  |            |               |                |            |            |
| Total Support:      | :              | 208,882,613                |  |            |               |                |            |            |
| Total Indirect Cost | ts: :          | 43,872,798                 |  |            |               |                |            |            |
| College/Departmer   | nt/PI          | Sponsor/Sposnor            | Category/Title                               | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|                     | Total CHEM     | I, Read de alaniz recor    | d(s):  | 3          | 204,570       | 267,065        |            |            |
| Reic                | ch             | Norbert                    | 0  |            |               |                |            |            |
|                     | Sanford-Burn   | nham Medical Research Ir   | nstitute                                     | NOT PROFIT |               |                |            |            |
|                     | Hybrid Nano    | technologies for Detection | and Synergistic Therapies for Breast Cancer  | 5.0        | 50,000        | 12,483         | 9/21/2009  | 9/20/201   |
|                     | University Of  | f Minnesota                |  | HIGHER ED  |               |                |            |            |
|                     | NIR Light-Ac   | tivated nanoparticles for  | Drug and Gene Delivery                       | 5.0        | 164,932       | 43,103         | 7/1/2011   | 11/30/2014 |
|                     | Total CHEM     | l, Reich record(s):        |  | 2          | 214,932       | 55,586         |            |            |
| Shea                | a              | Joan-emma                  | E  |            |               |                | ·          |            |
|                     | National Scie  | ence Foundation-NSF        |  | FEDERAL    |               |                |            |            |
|                     | Effects of the | e Cellular Environment of  | Protein Assembly                             | 10.0       | 222,610       | 63,378         | 5/1/2012   | 4/30/2017  |
|                     | Total CHEM     | l, Shea record(s):         |  | 1          | 222,610       | 63,378         |            |            |
| Som                 | nerson         | Jacob                      |  |            |               |                | ·          |            |
|                     | NIH Natl Car   | ncer Institute             |  | FEDERAL    |               |                |            |            |
|                     | Personalized   | , high-resolution pharmac  | okinetic measurements to improve drug dosing | 100.0      | 34,027        | 0              | 2/21/2014  | 2/20/2015  |
|                     | Total CHEM     | l, Somerson record(s):     |  | 1          | 34,027        | 0              |            |            |
| Stuc                | cky            | Galen                      | D  | ,          |               |                |            |            |
|                     | Arnold And N   | Mabel Beckman Foundatio    | n  | NOT PROFIT |               |                |            |            |
|                     | The 2011 Be    | ckman Scholars Program     |  | 5.0        | 38,600        | 0              | 6/20/2011  | 9/15/2014  |
|                     | Dynantis Cor   | poration                   |  | INDUSTRY   |               |                |            |            |
|                     | High Energy    | Density, Low Cost Storag   | e Battery                                    | 10.0       | 50,000        | 17,354         | 3/1/2014   | 9/30/2014  |
|                     | Total CHEM     | l, Stucky record(s):       |  | 2          | 88,600        | 17,354         |            |            |
| Van                 | koppen         | Petranella                 | A  | ,          |               |                | ·          |            |
|                     | UC California  | Science Project            |  | UC         |               |                |            |            |
|                     | South Coast    | Science Project            |  | 10.0       | 26,298        | 1,948          | 7/1/2013   | 6/30/2014  |

#### OFFICE OF RESEARCH

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7/15/2014 Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 PI % Time College/Department/PI Sponsor/Sposnor Category/Title Total Support Indirect Costs Start date End date UC California Science Project UC South Coast Science Project 10.0 15,465 7/1/2013 6/30/2014 Total CHEM, Van koppen record(s): 2 41,763 1,948 Wudl Fred Mitsubishi Group (Japan) **INDUSTRY** IRP-7: Organic Photovoltaics 0 8/26/2006 8/31/2014 1.0 0 Total CHEM, Wudl record(s): 0 1 0 Zakarian Armen NIH General Medical Sciences, National Institute Of **FEDERAL** Total Synthesis of Bioactive Marine Natural Products 10.0 490,919 19,522 9/1/2013 7/31/2014 Total CHEM, Zakarian record(s): 1 490,919 19,522 Zhang Liming NIH Natl Ctr Research Resources **FEDERAL** Upgrade of 500 MHz NMR Spectrometer 2.0 347,483 6/20/2013 5/31/2014 0 NIH General Medical Sciences, National Institute Of **FEDERAL** Au/Pt Catalysis in the Synthesis of Elaborate N-Heterocycles: Methodology Development and 10.0 253,884 86,304 9/1/2013 2/28/2015 Total Synthesis of Alkaloids 2 Total CHEM, Zhang record(s): 86,304 601,367 Total CHEMISTRY & BIOCHEMISTRY - CHEM record(s) 50 2,425,774 9,420,741 **EARTH SCIENCE - GEOL** Archuleta Ralph J HIGHER ED University of Southern California (Incl Kenneth Norris, Jr Cancer Ctr) SCEC4 Participation, Project F: Broadband Modeling of Earthquake Ground Motions 1.0 47,000 16,374 9/1/2013 8/31/2014 University of Southern California (Incl Kenneth Norris, Jr Cancer Ctr) HIGHER ED SCEC4 Participation, Project A: SCEC Borehole Instrumentation Center 1.0 10,000 853 2/1/2012 1/31/2015

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| Report Totals:      |              |   |   |            |               |                |            |           |
|---------------------|--------------|---|---|------------|---------------|----------------|------------|-----------|
| Record Count:       | :            | 934   |   |            |               |                |            |           |
| Total Support:      | :            | 208,882,613   |   |            |               |                |            |           |
| Total Indirect Cost | ts: :        | 43,872,798  |   |            |               |                |            |           |
| College/Departmer   | nt/PI        | Sponsor/Sposnor                                       | Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
|                     | University o | f Southern California (Inc                            | cl Kenneth Norris, Jr Cancer Ctr)   | HIGHER ED  |               |                |            |           |
|                     | SCEC4 Parti  | cipation, Project B: The S                            | SCEC Portable Broadband Instrument Center   | 1.0        | 14,000        | 519            | 2/1/2012   | 1/31/2015 |
|                     | University o | f Southern California (Inc                            | cl Kenneth Norris, Jr Cancer Ctr)   | HIGHER ED  |               |                |            |           |
|                     |              | cipation, Project J: Comp<br>Franular Fault Gouge     | activity, Comminution, Heating, and Disorder - The  | 1.0        | 24,000        | 8,314          | 2/1/2012   | 1/31/2015 |
|                     | University o | f Southern California (Inc                            | cl Kenneth Norris, Jr Cancer Ctr)   | HIGHER ED  |               |                | ,          |           |
|                     |              |   | se Fault Slip Rates on the Oak Ridge Fault: New age<br>using 36Cl/10Be isochron burial dating | 0.0        | 6,500         | 1,341          | 2/1/2012   | 1/31/2016 |
|                     | Total GEO    | L, Archuleta record(s)                                | •   | 5          | 101,500       | 27,401         | ,          |           |
| Bush                | by           | Cathy   | J   |            |               |                |            |           |
|                     | National Sci | ence Foundation-NSF                                   |   | FEDERAL    |               |                |            |           |
|                     |              | ollaborative Research: Fio<br>California Sur (Mexico) | eld-Based Research on the Gulf of California Rift Margin                                      | 1.0        | 116,048       | 18,994         | 8/1/2014   | 7/31/2017 |
|                     | National Sci | ence Foundation-NSF                                   |   | FEDERAL    |               |                |            | _         |
|                     |              |   | Segment of the Cretaceous Alisitos Oceanic Arc (Baja<br>Field Analog to the Izu Bonin Arc     | 1.0        | 45,505        | 8,104          | 3/1/2014   | 2/28/2018 |
|                     | Consortium   | for Ocean Leadership                                  |   | NOT PROFIT |               |                |            |           |
|                     | U.S. Science | e Support Program                                     |   | 66.7       | 86,349        | 17,818         | 3/30/2014  | 2/28/2015 |
|                     | Total GEO    | L, Busby record(s):                                   |   | 3          | 247,902       | 44,916         | ,          |           |
| Clark               | k            | Jordan  | F   |            |               |                | ,          | _         |
|                     | National Sci | ence Foundation-NSF                                   |   | FEDERAL    |               |                |            |           |
|                     |              | e Research: Completing :<br>s: Juan de Fuca Flank.    | single- and cross-hole hydrgeologic and microbial   | 2.0        | 76,243        | 21,861         | 6/1/2013   | 5/31/2015 |
|                     |              |   |   |            |               |                |            |           |

#### OFFICE OF RESEARCH

|                       |                        |  |                     |   | OTTICE OF RESEARCH   |                 |               |                |              |            |  |  |  |
|-----------------------|------------------------|--|---------------------|---|--|-----------------|---------------|----------------|--------------|------------|--|--|--|
|                       |                        |  |                     | PROPOSALS AV                            | NARDED BY DEPARTMENT/PI (By  | First PI's Home | e Dept)       | REPORT D       | REPORT DATE: |            |  |  |  |
| Parameters:           |                        |  |                     |   |  |                 |               |                |              |            |  |  |  |
| Dates (Award Approved | d) :                   | 7/1/2013   | TO:                 | 6/30/2014                               |  |                 |               |                |              |            |  |  |  |
| Report Totals:        |                        |  |                     |   |  |                 |               |                |              |            |  |  |  |
| Record Count:         | :                      | 934  |                     |   |  |                 |               |                |              |            |  |  |  |
| Total Support:        | :                      | 208,882,613  |                     |   |  |                 |               |                |              |            |  |  |  |
| Total Indirect Costs: | :                      | 43,872,798   |                     |   |  |                 |               |                |              |            |  |  |  |
| College/Department/PI |                        | Sponsor/S  | posnor              | Category/Title                          |  | PI % Time       | Total Support | Indirect Costs | Start date   | End date   |  |  |  |
| Gans                  |                        | Philli   | р                   | В                                       |  |                 |               |                |              |            |  |  |  |
| US                    | DI Geolo               | gical Survey (Incl   | Natl Bio            | logical Service)                        |  | FEDERAL         |               |                |              |            |  |  |  |
| Sou                   | utheaster              | apping of the Soutl<br>n California: Unra<br>Icanic Center | hwester<br>veling t | rn Whipple Mounta<br>he Eruptive and St | nins and Eastern Mopah Range,<br>cructural History of a Synextensional | 5.0             | 25,677        | 3,917          | 4/1/2014     | 3/31/2015  |  |  |  |
| Gre                   | eat Lakes              | Exploration  |                     |   |  | INDUSTRY        |               |                |              |            |  |  |  |
|                       |                        | of the Rochford A<br>vork Study                            | rea, Bla            | ck Hills, South Dal                     | kota: An Integrated Geologic Mapping                                   | 2.0             | 31,915        | 6,586          | 7/1/2013     | 6/30/2014  |  |  |  |
| To                    | tal GEO                | L, Gans record(s   | ):                  |   |  | 2               | 57,592        | 10,503         |              |            |  |  |  |
| Hacker                |                        | Brad   | ley                 |   |  |                 |               |                |              |            |  |  |  |
| Na                    | tional Sci             | ence Foundation-N  | NSF                 |   |  | FEDERAL         |               |                |              |            |  |  |  |
| Col                   | llaborativ             | e Research: The S  | uturing             | Process: Insight f                      | rom the India-Asia Collision Zone                                      | 2.0             | 5,114         | 1,055          | 6/1/2011     | 5/31/2015  |  |  |  |
| Na                    | tional Sci             | ence Foundation-N  | NSF                 |   |  | FEDERAL         |               |                |              |            |  |  |  |
| Wh                    | nat Cause              | s UHT Metamorph  | ism: Le             | engthscales and Ti                      | mescales   | 2.0             | 304,644       | 99,013         | 3/1/2014     | 2/28/2017  |  |  |  |
| To                    | tal GEO                | L, Hacker record   | (s):                |   |  | 2               | 309,758       | 100,068        |              |            |  |  |  |
| Lea                   |                        | David  | d                   | W                                       |  |                 |               |                |              |            |  |  |  |
| UC                    | MEXUS                  |  |                     |   |  | UC              |               |                |              |            |  |  |  |
|                       |                        | ninsula Hydrologica<br>e Perspective                       | al Sensi            | tivity to Radiative                     | Forcing by Greenhouse Gases:   | 10.0            | 10,000        | 0              | 7/1/2013     | 12/31/2014 |  |  |  |
|                       |                        | L, Lea record(s):  |                     |   |  | 1               | 10,000        | 0              |              |            |  |  |  |
| Valentine             | 2                      | David  | d                   | L                                       |  |                 |               | 1              | 1            |            |  |  |  |
| Na                    | tional Sci             | ence Foundation-N  | NSF                 |   |  | FEDERAL         |               |                |              |            |  |  |  |
| Col                   | llaborativ             | e Research: Oxyge  | enation             | of Hydrocarbons i                       | n the Ocean  | 5.0             | 341,714       | 112,687        | 10/1/2013    | 9/30/2016  |  |  |  |
| Cal                   | lif Institu            | te Of Technology-  | Cal Tec             | h                                       |  | HIGHER ED       |               |                | ,            |            |  |  |  |
|                       | acking the<br>proaches |  | Cycle w             | ith Novel Cell- and                     | Metabolite-Specific Stable Isotope                                     | 12.0            | 109,897       | 11,044         | 3/21/2013    | 3/31/2016  |  |  |  |

#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

3

356,944

106,101

Parameters: 7/1/2013 6/30/2014 Dates (Award Approved) : TO: **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Exxon Mobil Upstream Research Company **INDUSTRY** Development and Testing of Sampling Tools for the Colleciton of Microbes and Chemicals from 1.0 200,000 62,700 7/1/2013 12/31/2014 Marine Seeps Total GEOL, Valentine record(s): 3 651,611 186,431 Weldeab Syee **FEDERAL** National Science Foundation-NSF Data synthesis and Evaluation of the Salinity Influence on Mg/Ca Paleothermometry in the Low 5.0 336,594 116,830 7/1/2013 6/30/2015 Latitudes Total GEOL, Weldeab record(s): 1 336,594 116,830 Total EARTH SCIENCE - GEOL record(s) 18 1,791,200 508,010 ECOLOGY, EVOLUTION & MARINE BIOLOGY - EEMB Briggs Cheryl J **FEDERAL** NIH General Medical Sciences, National Institute Of EID disease in complex communities: multi-host multi-pathogen interactions 10.0 345,701 50,058 9/1/2013 6/30/2014 Total EEMB, Briggs record(s): 1 345,701 50,058 Brzezinski Mark Α USDI Geological Survey (Incl Natl Biological Service) **FEDERAL** Wave Energy Sensor Development and Deployment 2.0 106,104 20,832 10/1/2013 9/30/2015 **FEDERAL** National Science Foundation-NSF GEOTRACES Pacific Section: Resolving Silicon Isotope Anomalies in the Eastern Pacific - year 35.0 129,496 44,020 12/1/2012 11/30/2015 National Science Foundation-NSF **FEDERAL** GEOTRACES Pacific Section: Resolving Silicon Isotope Anomalies in the Eastern Pacific 5.0 12/1/2012 11/30/2015 121,344 41,249

Total EEMB, Brzezinski record(s):

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count:

| Total Support:        | : 208,882,613   |            |               |                |            |            |
|-----------------------|---|------------|---------------|----------------|------------|------------|
| Total Indirect Costs: | : 43,872,798  |            |               |                |            |            |
| College/Department,   | PI Sponsor/Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| Carlso                | n Craig A   |            |               |                |            |            |
|                       | IASA Miscellaneous Centers  | FEDERAL    |               |                |            |            |
|                       | xploring the Role of Photobleached Dissolved Organic Matter on Bacterial Community Activit<br>nd Carbon Export Potential in Upwelling-Driven Case II Waters | y 0.2      | 30,000        | 0              | 9/1/2012   | 8/31/2014  |
| ,                     | IASA Miscellaneous Centers  | FEDERAL    |               |                |            |            |
|                       | xploring the Role of Photobleached Dissolved Organic Matter on Bacterial Community Activit nd Carbon Export Potential in Upwelling-Dirven Case II Waters    | y 2.0      | 30,000        | 0              | 9/1/2012   | 8/31/2015  |
| ,                     | Iniversity Of Miami   | HIGHER ED  |               |                | '          |            |
|                       | collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurement<br>009-2014   | s,5.0      | 125,187       | 42,555         | 2/1/2009   | 1/31/2015  |
|                       | otal EEMB, Carlson record(s):   | 3          | 185,187       | 42,555         |            |            |
| Gaine                 | Steven  |            |               |                |            |            |
|                       | IC Sea Grant College Program  | UC         |               |                |            |            |
|                       | patial Redistribution of Fishing Effort: Identifying Drivers and Testing Model Predictions for informing Expectations in Marine Spatial Planning - Core     | 6.0        | 4,416         | 1,533          | 2/1/2014   | 1/31/2015  |
| ·                     | IC Sea Grant College Program  | UC         |               |                |            |            |
|                       | patial Redistribution of Fishing Effort: Identifying Drivers and Testing Model Predictions for informing Expectations in Marine Spatial Planning - Trainee  | 1.0        | 44,082        | 0              | 2/1/2014   | 1/31/2015  |
| ·                     | lature Conservancy  | NOT PROFIT |               |                |            |            |
|                       | ask Agreement #3: Improving Artisanal Fisheries Management in Chile Under TNC-Universit<br>Cooperative Agreement  | y 1.0      | 26,306        | 3,431          | 8/1/2013   | 7/31/2014  |
|                       | Conservation International Foundation   | NOT PROFIT |               |                |            |            |
|                       | larine spatial planning (MSP) and lobster fishery reform for the Galapagos  | 5.0        | 200,000       | 22,222         | 11/1/2013  | 10/31/2015 |
|                       | are   | NOT PROFIT |               |                |            |            |
|                       | ish Forever: launching pilot sites in Belize, Philippines, and Indonesia  | 1.0        | 75,000        | 9,783          | 7/1/2013   | 12/31/2013 |
|                       |   | _          |               |                |            |            |

5

349,804

36,969

Total EEMB, Gaines record(s):

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

| Dates (Award Approv   | vea) :                          | //1/2013                                | 10:      | 6/30/2014  |                               |           |               |                |            |            |
|-----------------------|---------------------------------|---|----------|--|-------------------------------|-----------|---------------|----------------|------------|------------|
| Report Totals:        |                                 |   |          |  |                               |           |               |                |            |            |
| Record Count:         | :                               | 934                                     |          |  |                               |           |               |                |            |            |
| Γotal Support:        | :                               | 208,882,613                             |          |  |                               |           |               |                |            |            |
| Total Indirect Costs: | :                               | 43,872,798                              |          |  |                               |           |               |                |            |            |
| College/Department/   | /PI                             | Sponsor/S                               | posnor   | Category/Title   |                               | PI % Time | Total Support | Indirect Costs | Start date | End date   |
| Hofma                 | ann                             | Greto                                   | hen      | Е  |                               |           |               |                |            |            |
| 1                     | National Scier                  | nce Foundation-N                        | ISF      |  |                               | FEDERAL   |               |                |            |            |
|                       |                                 |   |          | natural variability and anthro<br>ring Antarctic marine inverteb |                               | 10.0      | 510,394       | 100,367        | 10/1/2013  | 9/30/2016  |
| 1                     | National Scier                  | nce Foundation-N                        | ISF      |  |                               | FEDERAL   |               |                |            |            |
|                       | Synergistic Ef<br>Expression, R |   | Related  | Variables on Larval Sea Urch                                     | nins: Performance to Gene     | 1.0       | 5,500         | 0              | 9/1/2010   | 8/31/2014  |
| ī                     | Total EEMB,                     | Hofmann reco                            | rd(s):   |  |                               | 2         | 515,894       | 100,367        | ,          |            |
| Holbro                | ook                             | Sally                                   |          | Jean   |                               |           |               |                |            |            |
| 1                     | National Scier                  | nce Foundation-N                        | ISF      |  |                               | FEDERAL   |               |                |            |            |
|                       |                                 | (Track 1), Collab<br>o-ecological Syste |          | : Adaptive Capacity, Resilienc                                   | ce, and Coral Reef State      | 10.0      | 247,089       | 48,975         | 10/1/2013  | 9/30/2015  |
|                       | Total EEMB,                     | Holbrook reco                           | rd(s):   |  |                               | 1         | 247,089       | 48,975         |            |            |
| Iglesia               | s-Rodriguez                     | Maria                                   | ì        | Debora   |                               |           |               |                |            |            |
| 1                     | National Scier                  | nce Foundation-N                        | ISF      |  |                               | FEDERAL   |               |                |            |            |
| 1                     | MRI: Acquisit                   | ion of a Flow Sor                       | ter Cyto | ometer to Advance Marine Re                                      | esearch and Education         | 5.0       | 494,091       | 0              | 1/1/2014   | 12/31/2016 |
| ]                     | Total EEMB,                     | Iglesias-Rodri                          | guez r   | ecord(s):  |                               | 1         | 494,091       | 0              |            |            |
| Mazer                 |                                 | Susai                                   | n        | J  |                               |           |               |                |            |            |
| l                     | USDI Nationa                    | l Park Service                          |          |  |                               | FEDERAL   |               |                |            |            |
|                       | Facilitation of<br>Parks        | a Phenology Net                         | work to  | Assess Climate Change Res  | ponse in California National  | 5.0       | 58,300        | 8,683          | 8/30/2010  | 8/29/2015  |
| Ū                     | University Of                   | Minnesota                               |          |  |                               | HIGHER ED |               |                |            |            |
| F                     | Project Baseli                  | ne, a living plant                      | genom    | e reserve for the study of ev                                    | olution                       | 10.0      | 137,656       | 28,405         | 10/15/2011 | 9/30/2014  |
| ī                     | University Of                   | Minnesota                               |          |  |                               | HIGHER ED |               |                |            |            |
| F                     | Project Baseli                  | ne, a living plant                      | genom    | e reserve for the study of ev                                    | olution: REU 2014:<br>er taxa | 5.0       | 7,200         | 0              | 10/15/2011 | 9/30/2014  |

REPORT DATE:

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

| Report Totals:       |               |  |   |           |               |                |            |           |
|----------------------|---------------|--|---|-----------|---------------|----------------|------------|-----------|
| Record Count:        | :             | 934  |   |           |               |                |            |           |
| Total Support:       | :             | 208,882,613  |   |           |               |                |            |           |
| Total Indirect Costs | : :           | 43,872,798   |   |           |               |                |            |           |
| College/Department   | t/PI          | Sponsor/Sposno                                       | or Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date  |
|                      | Total EEME    | 3, Mazer record(s):                                  |   | 3         | 203,156       | 37,088         |            |           |
| Nisbe                | et            | Roger  | М   |           |               |                |            |           |
|                      | UC Santa Cr   | uz   |   | UC        |               |                |            |           |
|                      |               | atershed to the ocean: L<br>central California salmo | Jsing NASA data and models to understand and predict on   | 5.0       | 116,505       | 39,604         | 8/8/2012   | 8/7/201   |
|                      | Total EEME    | 3, Nisbet record(s):                                 |   | 1         | 116,505       | 39,604         |            |           |
| Oakle                | ey .          | Todd   | Н   |           |               |                |            |           |
|                      | National Scie | ence Foundation-NSF                                  |   | FEDERAL   |               |                |            |           |
|                      |               |  | on in Sarsielloidea (Crustacea: Ostracoda): An Integrative<br>Developmental Genetics, Behavior and Optics | 10.0      | 8,298         | 0              | 6/1/2012   | 5/31/201  |
|                      | National Scie | ence Foundation-NSF                                  |   | FEDERAL   |               |                |            |           |
|                      |               | Collaborative Research<br>Impact the Productivity    | : Can Evolutionary History Predict How Changes in of Ecosystems?  | 5.0       | 10,984        | 3,734          | 10/1/2010  | 9/30/2014 |
|                      | National Scie | ence Foundation-NSF                                  |   | FEDERAL   |               |                |            |           |
|                      |               | orative Research: Timing<br>genomics of Chitonina    | g and Molecular Origins of Recently Evolved Chiton Shell-   | 5.0       | 350,000       | 119,214        | 4/15/2014  | 3/31/2017 |
|                      | University O  | f Michigan (Incl William                             | Davidson Institute)   | HIGHER ED |               |                |            |           |
|                      |               | Biodiversity & Biofuels:<br>n the next century       | Finding win-win scenarios for conservation and energy   | 1.0       | 206,410       | 71,576         | 9/1/2013   | 8/31/2014 |
|                      | Total EEME    | 3, Oakley record(s):                                 |   | 4         | 575,692       | 194,524        |            |           |
| Schin                | nel           | Joshua   | Р   |           |               |                |            |           |
|                      | National Scie | ence Foundation-NSF                                  |   | FEDERAL   |               |                |            |           |
|                      | Collaborative | e Research: Controls over                            | er C sequestration: physiology vs. physics  | 2.0       | 199,407       | 60,545         | 5/1/2012   | 4/30/2015 |
|                      | Total FFME    | 3, Schimel record(s):                                |   | 1         | 199,407       | 60,545         |            |           |

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|                          |                     |                                |            | PROPOSALS AWARDED BY DEPARTMENT/PI (                   | Bv First PI's Home | e Dept)       | REPORT D       | ATE:       | 7/15/2014  |
|--------------------------|---------------------|--------------------------------|------------|--|--------------------|---------------|----------------|------------|------------|
| Parameters:              |                     |                                |            |  |                    |               |                |            | -77        |
| Dates (Award Approve     | ed) :               | 7/1/2013                       | TO:        | 6/30/2014  |                    |               |                |            |            |
| Report Totals:           |                     |                                |            |  |                    |               |                |            |            |
| Record Count:            | :                   | 934                            |            |  |                    |               |                |            |            |
| Total Support:           | :                   | 208,882,613                    |            |  |                    |               |                |            |            |
| Total Indirect Costs:    | :                   | 43,872,798                     |            |  |                    |               |                |            |            |
| College/Department/P     | I                   | Sponsor/S                      | Sposnor    | Category/Title   | PI % Time          | Total Support | Indirect Costs | Start date | End date   |
| Schmitt                  |                     | Rus                            | sell       | J  |                    |               |                |            |            |
| Na                       | ational Sc          | ience Foundation-              | NSF        |  | FEDERAL            |               |                |            |            |
| נז                       | ER: MCF             | R IIB: Long-Term               | Dynami     | cs of a Coral Reef Ecosystem, OA Equip supplement      | 2.0                | 150,134       | 1,024          | 9/1/2012   | 8/31/2016  |
| Na                       | ational Sc          | ience Foundation-              | NSF        |  | FEDERAL            |               |                |            |            |
| LT                       | ER: MCF             | R IIB: Long-Term               | Dynami     | cs of a Coral Reef Ecosystem, UNOLS supplement         | 1.0                | 125,213       | 22,460         | 9/1/2012   | 8/31/2016  |
| Na                       | ational Sc          | ience Foundation-              | NSF        |  | FEDERAL            |               |                |            |            |
| נז                       | ER: MCF             | R IIB: Long-Term               | Dynami     | cs of a Coral Reef Ecosystem, 2014-15, Core & REU      | 15.0               | 956,000       | 143,566        | 9/1/2012   | 8/31/2016  |
| To                       | otal EEM            | B, Schmitt reco                | rd(s):     |  | 3                  | 1,231,347     | 167,050        |            |            |
| Young                    |                     | Hilla                          | ıry        | S  |                    |               |                |            |            |
| М                        | orris Anin          | nal Foundation                 |            |  | NOT PROFIT         |               |                |            |            |
| Ef                       | fects of la         | and-use on tick-bu             | ırden ar   | d tick-borne diseases in wild dogs (Lycaon pictus)     | 10.0               | 107,954       | 7,996          | 6/1/2014   | 5/30/2016  |
| To                       | otal EEM            | B, Young record                | l(s):      |  | 1                  | 107,954       | 7,996          |            |            |
| Total ECOLO  GEOGRAPHY - | -                   | LUTION & MAR                   | NE BIO     | DLOGY - EEMB record(s)                                 | 29                 | 4,928,771     | 891,832        |            |            |
| Carvalho                 |                     | Leila                          |            |  | ,                  |               |                |            |            |
|                          |                     | Center (Cip)(Lima              | , Peru)    |  | NOT PROFIT         |               |                |            |            |
|                          |                     |                                |            | nges in the Central Andes                              | 2.0                | 150,000       | 46,738         | 1/1/2012   | 12/31/2015 |
| _                        |                     | ellaneous Centers              |            | 3  | FEDERAL            |               |                |            |            |
|                          | estern Hi<br>npacts | malaya Climate Va              | ariability | : the Recent Trends in Large-scale Circulation and Loc | cal 1.0            | 30,000        | 0              | 9/1/2013   | 8/31/2014  |
| N                        | ASA Misce           | ellaneous Centers              |            |  | FEDERAL            |               |                |            |            |
|                          |                     | malaya Climate Va<br>n Impacts | ariability | : the Recent Trends in Large-scale Circulation and Loc | cal 1.0            | 30,000        | 0              | 9/1/2013   | 8/31/2015  |
| _                        |                     |                                |            |  |                    |               |                |            |            |

3

210,000

46,738

Total GEOG, Carvalho record(s):

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

1

40,000

0

7/15/2014 Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Church Richard **NOT PROFIT** Argonne National Laboratory Corridor Location: Developing Spatially Comprehensive Search Algorithms to Support 3.0 30,000 8,269 9/14/2011 1/31/2014 Transmission Line Location Planning **Argonne National Laboratory NOT PROFIT** Corridor Location: Developing Spatially Comprehensive Search Algorithms to Support 3.0 10,000 9/14/2011 7/31/2014 1,649 Transmission Line Location Planning Total GEOG, Church record(s): 2 40,000 9,918 Clarke C Keith USDI Geological Survey (Incl Natl Biological Service) **FEDERAL** Terrain Features and the Topological Surface Network III 120,000 3/1/2011 5.0 17,872 7/31/2014 USDI Geological Survey (Incl Natl Biological Service) **FEDERAL** Terrain Features and the Topological Surface Network IV 5.0 99,418 14,807 3/1/2011 6/8/2015 National Science Foundation-NSF **FEDERAL** I/UCRC: Collaborative Research: Center for Spatiotemporal Thinking and Computing 5.0 8,000 9/1/2013 8/31/2018 0 Applications National Science Foundation-NSF **FEDERAL** Collaborative Research: I/UCRC Center for Spatiotemporal Thinking and Computing 5.0 60,000 18,897 9/1/2013 8/31/2018 Total GEOG, Clarke record(s): 4 287,418 51,576 Davis Frank W National Science Foundation-NSF **FEDERAL** Collaborative Research: Do Micro-Environments Govern Macro-Ecology? 1.0 40,000 6/1/2011 5/31/2016

Total GEOG, Davis record(s):

#### OFFICE OF RESEARCH

|                       |  |                    |          | 011102                                 | T KESEAKCII                           |                |               | DEDORT D       |            | 7/45/204 |
|-----------------------|--|--------------------|----------|--|---------------------------------------|----------------|---------------|----------------|------------|----------|
|                       | : 934 : 208,882,613 Costs: : 43,872,798 tment/PI Sponsor/Sposnor Category/Title Dozier Jeffrey C  NASA Shared Services Center (NSSC) Assessing Water Resources in Remote, Sparsely Gauged, Snow-Dominated Mount NASA Shared Services Center (NSSC) Error Analysis of MODIS Fractional Snow-Covered Area and Snow Albedo in Mount NASA Shared Services Center (NSSC) Assessing Water Resources in Remote, Sparsely Gauged, Snow-Dominated Mount NASA Shared Services Center (NSSC) Error Analysis of MODIS Fractional Snow-Covered Area and Snow Albedo in Mount NASA Shared Services Center (NSSC) Error Analysis of MODIS Fractional Snow-Covered Area and Snow Albedo in Mount Total GEOG, Dozier record(s): |                    |          |  | RTMENT/PI (By                         | First PI's Hom | e Dept)       | REPORT D       | 7/15/201   |          |
| Parameters:           |  |                    |          |  |                                       |                |               |                |            |          |
| Dates (Award Appro    | ved) :   | 7/1/2013           | TO:      | 6/30/2014                              |                                       |                |               |                |            |          |
| Report Totals:        |  |                    |          |  |                                       |                |               |                |            |          |
| Record Count:         | :  | 934                |          |  |                                       |                |               |                |            |          |
| Total Support:        | :  | 208,882,613        |          |  |                                       |                |               |                |            |          |
| Total Indirect Costs: | : :  | 43,872,798         |          |  |                                       |                |               |                |            |          |
| College/Department    | /PI  | Sponsor/S          | posnor   | Category/Title                         |                                       | PI % Time      | Total Support | Indirect Costs | Start date | End dat  |
| Dozie                 | r  | Jeffr              | еу       | С                                      |                                       |                |               |                |            |          |
|                       | NASA Shared  | d Services Center  | (NSSC)   |  |                                       | FEDERAL        |               |                |            |          |
|                       | Assessing W  | ater Resources in  | Remote   | e, Sparsely Gauged, Snow-Dominated I   | Mountain Basins.                      | 2.0            | 87,440        | 25,317         | 6/1/2012   | 9/30/201 |
|                       | NASA Shared  | d Services Center  | (NSSC)   |  |                                       | FEDERAL        |               |                |            |          |
|                       | Error Analysi  | is of MODIS Fract  | ional Sn | ow-Covered Area and Snow Albedo in     | Mountain Regions                      | . 5.0          | 349,687       | 75,311         | 6/24/2011  | 6/23/20: |
|                       | NASA Shared  | d Services Center  | (NSSC)   |  |                                       | FEDERAL        |               |                |            |          |
|                       | Assessing W  | ater Resources in  | Remote   | e, Sparsely Gauged, Snow-Dominated I   | Mountain Basins.                      | 2.0            | 156,529       | 41,562         | 6/1/2012   | 9/30/20: |
|                       | NASA Shared  | d Services Center  | (NSSC)   |  |                                       | FEDERAL        |               |                |            |          |
|                       | Error Analysi  | s of MODIS Fract   | ional Sn | ow-Covered Area and Snow Albedo in     | Mountain Regions                      | . 5.0          | 170,000       | 35,599         | 6/24/2011  | 6/23/20  |
|                       | Total GEOG   | , Dozier record    | (s):     |  |                                       | 4              | 763,656       | 177,789        |            |          |
| Funk                  |  | Chris              | topher   | Charles                                |                                       |                |               |                |            |          |
|                       | NASA George  | e C. Marshall Spa  | ce Fligh | Center                                 |                                       | FEDERAL        |               |                |            |          |
|                       |  | CMIP5 and NASA/    | GMAO C   | oupled Modeling Capacity for SERVIR    | East Africa Climate                   | e 5.0          | 50,000        | 17,320         | 8/25/2013  | 8/24/20  |
|                       | Total GEOG   | i, Funk record(s   | s):      |  |                                       | 1              | 50,000        | 17,320         |            |          |
| Goulia                | as   | Kons               | tadinos  | G                                      |                                       |                |               |                |            |          |
|                       | UC Berkeley  | -UCB               |          |  |                                       | UC             |               |                |            |          |
|                       |  |                    | rsity of | California Center on Economic Competi  | tiveness in                           | 5.0            | 100,000       | 0              | 10/1/2013  | 9/30/201 |
|                       | UC Transpor  | tation Center (Be  | rkeley)  |  |                                       | UC             |               |                |            |          |
|                       | UCTC (Feder  | al): University Tr | ansporta | ation Centers Program Open Competition | on 2011                               | 1.0            | 76,002        | 0              | 3/1/2012   | 8/31/201 |
|                       | Total GEOG   | i, Goulias recor   | d(s):    |  |                                       | 2              | 176,002       | 0              |            |          |
| Husak                 | (  | Greg               |          | J.                                     |                                       | 1              |               | 1              | 1          |          |
|                       | UC Center Fo   | or Water Resourc   | es       |  |                                       | UC             |               |                |            |          |
|                       | Identification   | n of Seasonal and  | Decada   | l Drought through Monitoring and Mod   | leling                                | 100.0          | 1,806,985     | 362,459        | 2/1/2014   | 1/31/201 |
|                       |  | rd Space Flight C  |          |  | · · · · · · · · · · · · · · · · · · · | FEDERAL        |               |                |            |          |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

7/15/2014 Parameters: 7/1/2013 6/30/2014 Dates (Award Approved) : TO: **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Linking Remote Sensing Data and Energy Balance Models for a Scalable Agriculture Insurance 20.8 49,856 17,276 1/17/2014 1/16/2017 System for Sub-Saharan Africa University Of Utah HIGHER ED Examining the links between agriculture and human health in a context of climate change: A 0.4 16,469 5,705 11/21/2012 11/20/2014 case study of three West African countries - Niger, Burkina Faso and Mali Total GEOG, Husak record(s): 3 1,873,310 385,440 Janowicz Krzysztof National Science Foundation-NSF **FEDERAL** Student Travel Fellowships: 2013 Web Reasoning and Rule Systems Conference 9,000 9/1/2013 8/31/2014 1.0 0 National Science Foundation-NSF **FEDERAL** III: Travel Fellowships for Students from U.S. Universities to Attend ISWC 2013 1.0 20,000 9/1/2013 8/31/2014 0 Total GEOG, Janowicz record(s): 2 29,000 0 King Jennifer National Science Foundation-NSF **FEDERAL** DISSERTATION RESEARCH: Quantifying Changes in Lignin Chemistry During Photodegradation 1.0 19,505 6,798 7/1/2014 9/30/2015 Versus Biotic Decomposition Using 2D NMR Spectroscopy Total GEOG, King record(s): 1 19,505 6,798 С Michaelsen Joel Cal Coastal Conservancy STATE AND LOCAL North Campus Open Space Restoration (previously named Upper Devereux Slough) Project 2.0 869,300 41,793 5/27/2014 6/30/2016 Planning Phase, UCSB Total GEOG, Michaelsen record(s): 1 869,300 41,793 Dar Α Roberts **NASA Miscellaneous Centers FEDERAL** 

**NASA Miscellaneous Centers** 

Mapping local greenhouse gas emissions using airborne imaging spectrometry

8/31/2014

9/1/2013

0

30,000

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**FEDERAL** 

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

| Report Totals:        |                            |  |  |            |               |                |            |            |
|-----------------------|----------------------------|--|--|------------|---------------|----------------|------------|------------|
| Record Count:         | :                          | 934  |  |            |               |                |            |            |
| Total Support:        | :                          | 208,882,613  |  |            |               |                |            |            |
| Total Indirect Costs: | :                          | 43,872,798   |  |            |               |                |            |            |
| College/Department/F  | PI                         | Sponsor/Sposne                                     | or Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|                       | lyspIRI Dise               |  | cies and Functional Types along a Strong Environmenta                      | l- 5.0     | 71,413        | 6,444          | 1/1/2013   | 12/31/201  |
| N                     | IASA Miscel                | laneous Centers                                    |  | FEDERAL    |               |                | ,          |            |
|                       | lyspIRI Dise<br>emperature |  | cies and Functional Types along a Strong Environmenta                      | l- 5.0     | 34,920        | 3,050          | 1/1/2013   | 12/31/201! |
| N                     | IASA Miscel                | laneous Centers                                    |  | FEDERAL    |               |                |            |            |
| M                     | 1apping loc                | al greenhouse gas emis                             | sions using airborne imaging spectrometry                                  | 1.0        | 30,000        | 0              | 9/1/2013   | 8/31/2015  |
| Ū                     | JC Davis                   |  |  | UC         |               |                |            |            |
|                       |                            | land and Near Shore Ed<br>ed by NASA's AVIRIS a    | osystem Impacts from the Gulf of Mexico BP Horizon Oi<br>nd MASTER Imagers | I 3.0      | 63,891        | 21,719         | 7/1/2012   | 6/30/2014  |
| Ū                     | Jniversity O               | f New Hampshire                                    |  | HIGHER ED  |               |                | ,          |            |
| D                     | Prought-ind                | uced Vegetation Chang                              | e and Fire in Amazonian Forests: Past, Present, and Fut                    | ure 2.0    | 65,823        | 18,930         | 1/14/2014  | 1/13/2017  |
| Je                    | et Propulsio               | on Laboratory-JPL                                  |  | NOT PROFIT |               |                |            |            |
| A                     | Airborne Ins               | trument Methane Retri                              | eval Processing and Algorithm Development                                  | 2.0        | 29,968        | 5,013          | 10/12/2012 | 4/30/201   |
| Je                    | et Propulsio               | on Laboratory-JPL                                  |  | NOT PROFIT |               |                |            |            |
| A                     | Airborne Ins               | trument Methane Retri                              | eval Processing and Algorithm Development                                  | 2.0        | 36,621        | 6,494          | 10/12/2012 | 9/2/201    |
| U                     | Jniversity O               | f Wisconsin  |  | HIGHER ED  |               |                |            |            |
|                       |                            | pectral Information Sys<br>nts of Vegetation Funct | tem (ESIS): Integration of Spectral Data with onal Traits                  | 5.0        | 31,424        | 10,885         | 6/15/2013  | 12/31/2014 |
| Ţ                     | otal GEO                   | G, Roberts record(s):                              |  | 9          | 394,060       | 72,535         |            |            |
| Siegel                |                            | David  | A  |            |               |                |            |            |
| C                     | Columbia Ur                | niversity  |  | NOT PROFIT |               |                |            |            |
|                       |                            | COrrection Over Coast<br>(ACOCO-HISP)              | al Oceans using Hyperspectral Imaging and Scanning                         | 1.0        | 30,424        | 10,572         | 1/1/2013   | 12/31/201  |
| N                     | NASA Share                 | d Services Center (NSS                             | C)   | FEDERAL    |               |                |            |            |
| В                     | Bio-optical V              | ariability of Plumes, Bl                           | ooms and Relaxations in the Santa Barbara Channel                          | 0.1        | 30,000        | 0              | 9/1/2011   | 8/31/2014  |
| N                     | NASA Share                 | d Services Center (NSS                             | C)   | FEDERAL    |               |                |            |            |
| OFFICE OF DECEMBER    | II DDODO                   |  | DADTMENT/DI (By Eirst DI's Home Dent) - DEDODT 08-0.                       |            |               |                |            | 63 of 110  |

REPORT DATE:

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: 934

| Total GEO          | GRAPHY - G                  | GEOG record(s)   | 43        | 5,745,137     | 1,062,704      |            |          |
|--------------------|-----------------------------|--|-----------|---------------|----------------|------------|----------|
|                    | Total GEO                   | G, Washburn record(s):   | 2         | 472,092       | 108,569        |            |          |
|                    |                             | llifornia Regional Coastal Ocean Observing System: Surface Current Mapping, al Bloom, and Sub-Surface Water Sections | 7.0       | 348,100       | 66,420         | 6/1/2013   | 5/31/20: |
|                    | UC San Dieg                 |  | UC        |               |                |            |          |
|                    |                             | e Research: The Propagating Response of the Inner Shelf to Wind Relaxation velling System, yr 4                      |           | 123,992       | 42,149         | 9/15/2010  | 8/31/20  |
|                    | National Scie               | ence Foundation-NSF  | FEDERAL   |               |                |            |          |
| Wash               | burn                        | Libe   |           |               |                |            |          |
|                    | Total GEO                   | G, Soleri record(s):   | 1         | 1,500         | 0              |            |          |
|                    |                             | ed selection present and past: implications for agronomic performance, divers<br>n and crop domestication            | ity 5.0   | 1,500         | 0              | 3/1/2014   | 2/28/20  |
|                    | UC MEXUS                    |  | UC        |               |                |            |          |
| Soleri             | 1                           | Daniela  |           |               |                |            |          |
|                    | Total GEO                   | G, Siegel record(s):   | 7         | 519,294       | 144,228        |            |          |
|                    | Controls on                 | Open Ocean Productivity and Export eXperiment- COOPEX.   | 5.0       | 9,287         | 3,217          | 11/13/2012 | 11/12/20 |
|                    | NASA Share                  | d Services Center (NSSC)   | FEDERAL   |               | 1              |            |          |
|                    | Hyperspectra                | al Remote Sensing of Kelp Condition in the Santa Barbara Channel   | 1.0       | 30,000        | 0              | 9/1/2012   | 8/31/20  |
|                    | NASA Share                  | d Services Center (NSSC)   | FEDERAL   |               |                |            |          |
|                    | Evaluating N<br>Blooms Prog | NPP Ocean Color Data Products in a Complex Coastal Environment: The Plume  | s and 5.0 | 114,583       | 38,950         | 7/7/2011   | 7/6/20   |
|                    | NASA Share                  | d Services Center (NSSC)   | FEDERAL   |               | ,              |            |          |
|                    | Evaluating N<br>Blooms Prog | IPP Ocean Color Data Products in a Complex Coastal Environment: The Plume gram.                                      | s and 5.0 | 275,000       | 91,489         | 7/7/2011   | 7/6/20   |
|                    | <del></del>                 | d Services Center (NSSC)   | FEDERAL   |               |                |            | , ,      |
|                    | Hyperspectra                | al Remote Sensing of Kelp Condition in the Santa Barbara Channel   | 1.0       | 30,000        | 0              | 9/1/2012   | 8/31/20  |
| lege/Department    | t/PI                        | Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End da   |
| al Indirect Costs: | : :                         | 43,872,798   |           |               |                |            |          |
| al Support:        | :                           | 208,882,613  |           |               |                |            |          |

REPORT DATE:

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

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|---|---|----------------------|----------------|------------|------------|
| rameters:   |   |                      |                |            |            |
| res (Award Approved) : 7/1/2013 TO: 6/30/2014                 |   |                      |                |            |            |
| port Totals:  |   |                      |                |            |            |
| cord Count: : 934   |   |                      |                |            |            |
| al Support: : 208,882,613                                     |   |                      |                |            |            |
| al Indirect Costs: 43,872,798                                 |   |                      |                |            |            |
| lege/Department/PI Sponsor/Sposnor Category/Title             | PI % Time                               | Total Support        | Indirect Costs | Start date | End date   |
| MATHEMATICS - MATH  |   |                      |                |            |            |
| Atzberger Paul J  |   |                      |                |            |            |
| DOE Miscellaneous Offices And Programs                        | FEDERAL                                 |                      |                |            |            |
| Modeling Mescoscale Processes of Scalable Synthesis           | 15.0                                    | 150,000              | 48,089         | 12/1/2012  | 11/30/2014 |
| Total MATH, Atzberger record(s):                              | 1                                       | 150,000              | 48,089         |            |            |
| Ceniceros Hector Daniel                                       |   |                      |                |            |            |
| UC MEXUS  | UC                                      |                      |                |            |            |
| Mathematical modeling and 3-D fluid simulation on GPU cluster | 5.0                                     | 6,000                | 0              | 7/1/2013   | 6/30/2015  |
| Total MATH, Ceniceros record(s):                              | 1                                       | 6,000                | 0              |            |            |
| Dai Xianzhe   |   |                      |                |            |            |
| National Science Foundation-NSF                               | FEDERAL                                 |                      |                |            |            |
| EMSW21-RTG: UCSB RTG in Topology and Geometry                 | 11.1                                    | 227,223              | 10,817         | 9/15/2011  | 8/31/2015  |
| Total MATH, Dai record(s):                                    | 1                                       | 227,223              | 10,817         |            |            |
| Goodearl Ken R  |   |                      |                |            |            |
| DOD National Security Agency                                  | FEDERAL                                 |                      |                |            |            |
| Research in Ring Theory and Noncommutative Algebraic Geometry | 25.0                                    | 43,870               | 15,290         | 4/4/2014   | 4/3/2015   |
| Total MATH, Goodearl record(s):                               | 1                                       | 43,870               | 15,290         |            |            |
| Morrison David  |   |                      |                |            |            |
| National Science Foundation-NSF                               | FEDERAL                                 |                      |                |            |            |
| Foundations of F-theory                                       | 15.0                                    | 117,999              | 34,978         | 10/1/2013  | 9/30/2016  |
| Total MATH, Morrison record(s):                               | 1                                       | 117,999              | 34,978         |            |            |
| Total MATHEMATICS - MATH record(s)                            | 5                                       | 545,092              | 109,174        |            |            |
| MOLECULAR, CELLULAR & DEVELOPMENTAL BIOLOGY - MCDB            |   |                      |                |            |            |
| Bailey Jeffrey Kevin  |   |                      |                |            |            |
| Sigma XI, The Scientific Research Society                     | NOT PROFIT                              |                      |                |            |            |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

| Report Totals:       |               |                            |  |           |               |                |            |            |
|----------------------|---------------|----------------------------|--|-----------|---------------|----------------|------------|------------|
| Record Count:        | :             | 934                        |  |           |               |                |            |            |
| Total Support:       | :             | 208,882,613                |  |           |               |                |            |            |
| Total Indirect Costs | s: ;          | 43,872,798                 |  |           |               |                |            |            |
| College/Departmen    | it/PI         | Sponsor/Sposnor            | Category/Title                                       | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                      | Protein meth  | nylation enzymes as regu   | ulators of cytokinesis                               | 5.0       | 1,000         | 0              | 5/1/2014   | 5/31/2015  |
|                      | Total MCDI    | B, Bailey record(s):       |  | 1         | 1,000         | 0              |            |            |
| Cleg                 | 9             | Dennis                     | 0  |           |               |                |            |            |
|                      | University of | Southern California (Inc   | cl Kenneth Norris, Jr Cancer Ctr)                    | HIGHER ED |               |                |            |            |
|                      | Stem Cell Ba  | sed Treatment Strategy     | for Age-Related Macular Degeneration (AMD)           | 20.0      | 466,136       | 77,689         | 4/1/2013   | 3/31/2014  |
|                      | University of | Southern California (Inc   | cl Kenneth Norris, Jr Cancer Ctr)                    | HIGHER ED |               |                |            |            |
|                      | Stem Cell Ba  | sed Treatment Strategy     | for Age-Related Macular Degeneration (AMD)           | 20.0      | 222,450       | 37,075         | 4/1/2013   | 12/31/2014 |
|                      | University O  | f Wisconsin                |  | HIGHER ED |               |                |            |            |
|                      | Co-culture a  | nd analysis of neural ret  | ina and RPE derived from GMP super donor hiPSC lines | 11.0      | 255,000       | 0              | 10/1/2013  | 9/30/2016  |
|                      | CSU Channe    | l Islands/California State | University Channel Islands                           | HIGHER ED |               | -              |            |            |
|                      | CIRM Bridge   | s intern                   |  | 1.0       | 4,000         | 0              | 1/6/2014   | 12/9/2014  |
|                      | Total MCDI    | B, Clegg record(s):        |  | 4         | 947,586       | 114,764        |            |            |
| De to                | omaso         | Anthony                    | W  |           |               |                |            |            |
|                      | NIH Nationa   | l Institute On Aging       |  | FEDERAL   |               |                |            |            |
|                      | Aging and R   | egeneration in a basal c   | nordate  | 20.0      | 275,226       | 93,559         | 9/1/2013   | 5/31/2014  |
|                      | NIH Nationa   | l Institute On Aging       |  | FEDERAL   |               |                |            |            |
|                      | Aging and R   | egeneration in a basal c   | nordate  | 5.0       | 56,101        | 14,065         | 9/1/2013   | 5/31/2014  |
|                      | NIH Allergy   | & Infectious Diseases, N   | ational Institute Of                                 | FEDERAL   |               |                |            |            |
|                      | Molecular Me  | echanisms of Protochord    | late Allorecognition                                 | 20.0      | 337,466       | 104,679        | 12/1/2013  | 11/30/2014 |
|                      | NIH Allergy   | & Infectious Diseases, N   | ational Institute Of                                 | FEDERAL   |               |                |            |            |
|                      | Molecular Mo  | echanisms of Protochord    | late Allorecognition                                 | 20.0      | 37,497        | 12,747         | 12/1/2013  | 11/30/2014 |
|                      | National Scie | ence Foundation-NSF        |  | FEDERAL   |               |                |            |            |
|                      | Support for   | the North American Com     | parive Immunology Workshop in Santa Barbara, CA      | 1.0       | 5,400         | 0              | 7/15/2013  | 6/30/2014  |
|                      | Total MCDI    | B, De tomaso record(s      | s):  | 5         | 711,690       | 225,050        |            |            |

REPORT DATE:

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: : Tota Tota

| Record Count.         | . 707  |                |               |                |  |          |
|-----------------------|--|----------------|---------------|----------------|--|----------|
| Total Support:        | : 208,882,613  |                |               |                |  |          |
| Total Indirect Costs: | : 43,872,798   |                |               |                |  |          |
| College/Department/F  | I Sponsor/Sposnor Category/Title   | PI % Time      | Total Support | Indirect Costs | Start date   | End dat  |
| Finkelst              | ein Ruth   |                |               |                | 34 10/1/2013 9/30 34  53 7/1/2013 6/30 93 9/1/2012 8/31 46  14 9/19/2012 8/31 49 7/1/2013 6/30 53  0 9/1/2013 8/31 0 |          |
| U                     | SIsrael Binat'l Science Foundation (Bsf) (Intl)  | NOT PROFIT     |               |                |  |          |
|                       | unction and regulation of ABA INSENSITIVE(ABI)4, an integrator of nutritional, stress and ormonal signaling        | 15.0           | 22,500        | 2,934          | 10/1/2013  | 9/30/201 |
| Ť                     | otal MCDB, Finkelstein record(s):  | 1              | 22,500        | 2,934          |  |          |
| Hayes                 | Christopher S.   |                |               |                |  |          |
| N                     | IH General Medical Sciences, National Institute Of   | FEDERAL        |               |                |  |          |
| M                     | olecular Determinants of A-site mRNA Cleavage During Ribosome Pausing  | 20.0           | 257,854       | 87,653         | 7/1/2013   | 6/30/201 |
| Ū                     | C Irvine   | UC             |               |                |  |          |
|                       | ructure-function analysis of polymorphic CDI toxin-immunity protein complexes across grar<br>egative bacteria      | m- 15.0        | 139,237       | 36,793         | 9/1/2012   | 8/31/201 |
| Ī                     | otal MCDB, Hayes record(s):  | 2              | 397,091       | 124,446        | ,  |          |
| Kosik                 | Kenneth S  | ,              |               |                |  |          |
| U                     | niversity of Illinois  | HIGHER ED      |               |                |  |          |
| D                     | ynamic regulation of translation by fragile X mental retardation protein FMRP                                      | 5.0            | 74,827        | 23,514         | 9/19/2012  | 8/31/201 |
| c                     | al H&W Public Health, Department of (CDPH)   | STATE AND LOCA | AL .          |                |  |          |
| D                     | etection of Genetic Factors which Modify the Age of Onset of Alzheimer's Disease                                   | 5.0            | 212,616       | 15,749         | 7/1/2013   | 6/30/201 |
| Ŧ                     | otal MCDB, Kosik record(s):  | 2              | 287,443       | 39,263         |  |          |
| Langen                | pacher Adam  |                |               |                | ,  |          |
| N                     | IH General Medical Sciences, National Institute Of   | FEDERAL        |               |                |  |          |
| G                     | enetic analysis of adult germline stem cell maintenance and homing   | 100.0          | 52,190        | 0              | 9/1/2013   | 8/31/201 |
| Ŧ                     | otal MCDB, Langenbacher record(s):   | 1              | 52,190        | 0              |  |          |
| _<br>Leach            | Lyndsay Logan  |                |               |                | ,  |          |
| F                     | ght For Sight, Inc. (Prevent Blindness America)  | NOT PROFIT     |               |                |  |          |
|                       | ne Role of Canonical Wnt Signaling in Differentiation of Retinal Pigment Epithelium from uman Embryonic Stem Cells | 50.0           | 2,100         | 0              | 7/30/2013  | 9/30/201 |
| Ŧ                     | otal MCDB, Leach record(s):  | 1              | 2,100         | 0              |  |          |
| 055105 05 0505400     | L DDODOCALC AWADDED DV DEDADTMENT/DI /Dv Finst DII- Harra David DEDODT 00 00                                       | 2              |               |                |  | 67 -6 11 |

#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date John Lew Santa Barbara Cottage Hospital **NOT PROFIT** Development of p25 as a novel breast cancer therapeutic 5.0 15,000 0 5/21/2013 5/20/2015 1 Total MCDB, Lew record(s): 15,000 0 David Α Low **UC Irvine** UC Structure-function analysis of polymorphic CDI toxin-immunity protein complexes across gram- 10.0 139,237 40,305 9/1/2012 8/31/2014 negative bacteria **UC Irvine** UC Burkholderia pseudomallei Autotransporter and TPS Proteins 15.0 12,644 4,380 5/1/2009 4/30/2015 Santa Barbara Cottage Hospital **NOT PROFIT** Identification of genes that are up- or down-regulated in response to contact-dependent 10.0 15,000 6/1/2014 5/31/2015 growth inhibition (CDI)-mediated delivery of CdiA-CT effectors Total MCDB, Low record(s): 3 166,881 44,685 Ma Dzwokai Santa Barbara Cottage Hospital **NOT PROFIT** Regulation of Cytokinesis by Histone Methyltransferase 10.0 15,000 5/1/2014 4/30/2015 UC UC Cancer Research Coordinating Committee A novel role of histone methyltransferase subunits in cytokinesis 5.0 50,000 0 7/1/2014 6/30/2015 2 65,000 0 Total MCDB, Ma record(s): J Mahan Michael **NOT PROFIT** Santa Barbara Cottage Hospital In Vivo Induction of Antibiotic Resistance during Microbial Infection 10.0 15,000 6/1/2014 5/31/2015 0 Meat and Livestock Australia Limited **INDUSTRY** 

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total MCDB, M                                     | Iontell record(s):   | 4                | 2,072,996 | 351,169        |            |            |
|---|--|------------------|-----------|----------------|------------|------------|
| Cell Survival by                                  |  | 15.0             | 1,000,000 | 0              | 1/1/2014   | 12/31/2016 |
| William M. Keck                                   |  | NOT PROFIT       |           |                |            |            |
| Reversal of apop                                  | otosis:an in vivo mechanism for cytoprotection and mutagenesis | 10.0             | 229,625   | 79,625         | 9/1/2013   | 8/31/2014  |
| NIH Natl Eye Ins                                  | stitute  | FEDERAL          |           |                |            |            |
| Adhesion and Cy                                   | toskeleton Dynamics in Cell Migration                          | 30.0             | 345,094   | 104,836        | 4/1/2014   | 3/31/2015  |
| NIH General Me                                    | dical Sciences, National Institute Of                          | FEDERAL          |           |                |            |            |
| Developmental I                                   | Regulation of Collective Cell Migration                        | 25.0             | 498,277   | 166,708        | 7/1/2013   | 6/30/2014  |
| NIH General Me                                    | dical Sciences, National Institute Of                          | FEDERAL          |           |                |            |            |
| Montell   | Denise Johnson   |                  |           |                |            |            |
| Total MCDB, M                                     | Iontell record(s):   | 4                | 1,384,678 | 479,638        |            |            |
| Rhodopsins: from                                  | m biosynthesis and degradation to unconventional functions     | 5.0              | 375,870   | 130,204        | 5/1/2014   | 4/30/2015  |
| NIH Natl Eye Ins                                  | stitute  | FEDERAL          |           |                |            |            |
| Regulation of TF                                  | RP channels and visual transduction                            | 5.0              | 375,870   | 130,204        | 5/1/2014   | 4/30/2015  |
| NIH Natl Eye Ins                                  | NIH Natl Eye Institute   |                  |           |                |            |            |
| TRPA1: A Polym                                    | odal Sensor for Aversive Stimuli                               | 5.0              | 306,750   | 106,260        | 4/1/2014   | 3/31/2015  |
| NIH General Me                                    | dical Sciences, National Institute Of                          | FEDERAL          | -         | <del></del>    |            |            |
| Molecular genet                                   | ics of contact chemosensation                                  | 5.0              | 326,188   | 112,970        | 7/1/2014   | 6/30/201   |
|   | Other Communication Disorders, Natl Institute On               | FEDERAL          |           |                |            |            |
| Montell   | Craiq  | <del>-</del>     | 410,552   | 139,000        |            |            |
|   | lahan record(s):   | 4                | 418,352   | 139,068        | 0/13/2012  | 7/30/2015  |
|   | Salmonella Vaccines  | 1.0              | 36,040    | 12,484         | 6/15/2012  | 7/30/2014  |
|   | Salmonella Vaccines ock Australia Limited                      | 1.0<br>INDUSTRY  | 68,000    | 23,556         | 6/15/2012  | 7/30/2015  |
|   | Meat and Livestock Australia Limited                           |                  | 60.000    | 22 556         | 6/45/2042  | 7/20/201   |
|   | Salmonella Vaccines  | 15.0<br>INDUSTRY | 299,312   | 103,028        | 6/15/2012  | 7/31/2014  |
| ollege/Department/PI                              |  |                  |           | Indirect Costs | Start date | End date   |
|   |  | PI % Time        |           | - "            |            |            |
| otal Support: : : : : : : : : : : : : : : : : : : | 208,882,613<br>43,872,798                                      |                  |           |                |            |            |

#### **OFFICE OF RESEARCH**

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Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: : 934

Total Support: : 208,882,613

Total Indirect Costs: : 43,872,798

| College/Department/PI   | Sponsor/Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
|-------------------------|--|------------|---------------|----------------|------------|-----------|
| Morse                   | Daniel E   |            |               |                |            |           |
| DA Army                 | Misc Bases And Agencies  | FEDERAL    |               |                |            |           |
| Biomolecu<br>Proteins f | lar Mechanism, Cloning, Sequencing and Analysis of Adaptive Reflectin cDNAs and rom Squid  | 5.0        | 49,177        | 10,930         | 6/1/2010   | 8/31/2014 |
| Duke Univ               | rersity (Incl Duke Clinical Research Institute)  | HIGHER ED  |               |                |            |           |
|                         | Dynamic Camouflage in Benthic and Pelagic Cehalopods: An Interdisciplinary Approach to Crypsis Based on Color, Reflections, and Bioluminescence                  |            |               | 40,426         | 6/1/2009   | 9/30/2014 |
| Duke Univ               | Duke University (Incl Duke Clinical Research Institute)  |            |               |                |            |           |
|                         | Camouflage in Benthic and Pelagic Cehalopods: An Interdisciplinary Approach to used on Color, Reflections, and Bioluminescence                                   | 1.0        | 35,000        | 11,172         | 6/1/2009   | 9/30/2014 |
| Duke Univ               | ersity (Incl Duke Clinical Research Institute)   | HIGHER ED  |               |                |            |           |
|                         | Camouflage in Benthic and Pelagic Cehalopods: An Interdisciplinary Approach to used on Color, Reflections, and Bioluminescence                                   | 1.0        | 100,202       | 31,986         | 6/1/2014   | 9/30/2014 |
| DOE Misco               | ellaneous Offices and Programs   | FEDERAL    |               |                |            |           |
| Biological              | and Biomimetic Low-Temperature Routes to Materials for Energy Applications   | 43.0       | 350,000       | 115,765        | 9/1/2002   | 5/31/2015 |
| Total MC                | DB, Morse record(s):   | 5          | 653,303       | 210,279        |            |           |
| Pennington              | Britney Ocean  |            |               |                |            |           |
| Sigma XI,               | Sigma XI, The Scientific Research Society  |            |               |                |            |           |
|                         | Cryopreservation and directed differentiation of retinal pigmented epithelium derived from human embryonic stem cells maintained on a novel, xeno-free substrate |            | 2,000         | 0              | 4/1/2014   | 5/31/2015 |
| Fight For               | Sight, Inc. (Prevent Blindness America)  | NOT PROFIT |               |                |            |           |
|                         | and Characterization of Retinal Pigment Epithelial Cells from Human Embryonic<br>Grown on a Novel, Xeno-Free Substrate   | 50.0       | 2,100         | 0              | 7/30/2013  | 9/30/2013 |
| Total MC                | DB, Pennington record(s):  | 2          | 4,100         | 0              |            |           |

Rothman Joel H

NIH Child Health & Human Development, National Institute Of

**FEDERAL** 

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

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Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

 Record Count:
 :
 934

 Total Support:
 :
 208,882,613

 Total Indirect Costs:
 :
 43,872,798

| ollege/Department/PI | Sponsor/Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|----------------------|--|------------|---------------|----------------|------------|------------|
| De                   | velopmental coordination of C. elegans embryos in temperature gradients  | 8.3        | 291,676       | 91,676         | 7/19/2013  | 6/30/2014  |
| NII                  | H Child Health & Human Development, National Institute Of  | FEDERAL    |               |                |            |            |
| Spe                  | ecification and Differentiation of Endoderm in C. elegans  | 5.0        | 269,676       | 85,011         | 6/1/2013   | 5/31/2015  |
| Ho                   | ward Hughes Medical Institute  | NOT PROFIT |               |                |            |            |
| Im                   | mersion of Undergraduates in Modern Interdisciplinary Biomedical Research  | 10.0       | 250,000       | 0              | 9/1/2010   | 8/31/2014  |
| Oly                  | mpus Corporation of America  | INDUSTRY   |               |                |            |            |
| Ne                   | w Approaches to Morphogenesis: Life Imaging and Quantitative Modeling  | 0.5        | 5,000         | 0              | 7/25/2013  | 8/24/2013  |
| То                   | tal MCDB, Rothman record(s):   | 4          | 816,352       | 176,687        |            |            |
| Samuel               | Charles E  |            |               |                |            |            |
| NII                  | NIH Allergy & Infectious Diseases, National Institute Of<br>Interferon Action and Protein Phosphorylation                |            |               |                |            |            |
| Int                  |  |            | 12,862        | 4,372          | 1/1/2013   | 12/31/2013 |
| NII                  | H Allergy & Infectious Diseases, National Institute Of   | FEDERAL    |               |                |            |            |
| Int                  | erferon Action and Protein Phosphorylation   | 25.0       | 321,844       | 109,406        | 1/1/2014   | 12/31/2014 |
| NII                  | H Allergy & Infectious Diseases, National Institute Of   | FEDERAL    |               |                |            |            |
| Int                  | Interferon Action and Protein Phosphorylation  |            | 35,760        | 12,156         | 1/1/2014   | 12/31/2014 |
| То                   | tal MCDB, Samuel record(s):  | 3          | 370,466       | 125,934        |            |            |
| Smith                | William C  |            |               |                | ,          |            |
| Sai                  | nta Barbara Foundation   | NOT PROFIT |               |                |            |            |
| Ro                   | Role of IgCAM in anterior neural plate development in Ciona  NIH Child Health & Human Development, National Institute Of |            | 93,334        | 0              | 7/1/2014   | 6/30/2016  |
| NII                  |  |            |               |                |            |            |
| Mo                   | orphomic analysis of a simple chordate   | 5.0        | 323,672       | 110,027        | 7/1/2013   | 6/30/2014  |
| NII                  | H Child Health & Human Development, National Institute Of  | FEDERAL    |               |                |            |            |
| Mu                   | itational Analysis of Tunicate Development   | 25.0       | 304,943       | 102,471        | 4/1/2014   | 3/31/2015  |
| NII                  | H Child Health & Human Development, National Institute Of  | FEDERAL    |               |                |            |            |

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: : Tot Tot Coll

| otal Support:<br>otal Indirect Costs | :<br>s: :  | 208,882,613<br>43,872,798                                 |                    |               |                |            |            |
|--------------------------------------|--|---|--------------------|---------------|----------------|------------|------------|
| ollege/Department                    |  | Sponsor/Sposnor Category/Title                            | PI % Time          | Total Support | Indirect Costs | Start date | End date   |
|                                      | Mutational An  | alysis of Tunicate Development                            | 1.0                | 34,746        | 12,036         | 4/1/2014   | 3/31/2015  |
|                                      | NIH General N  | Medical Sciences, National Institute Of                   | FEDERAL            |               |                |            |            |
|                                      | Exploring Plan   | nar Cell Polarity in a Novel Invertebrate Chordate System | 10.0               | 260,569       | 88,576         | 8/1/2013   | 7/31/2015  |
|                                      | Total MCDB, Smith record(s):   |   | 5                  | 1,017,264     | 313,110        |            |            |
| Waite                                | e  | J. Herbert  |                    |               |                |            |            |
|                                      | DN Navy Misc   | Bases & Agencies  | FEDERAL            |               |                |            |            |
|                                      | Mussel-inspired Under-water Acrylic Adhesives/Coatings                               |   |                    | 117,533       | 37,698         | 7/31/2013  | 7/30/2015  |
|                                      | DN Navy Misc Bases & Agencies  |   | FEDERAL            |               |                |            |            |
|                                      | Mussel-inspire   | ed Under-water Acrylic Adhesives/Coatings, increment#2    | 10.0               | 22,949        | 7,950          | 7/31/2013  | 7/30/2015  |
|                                      | NIH Dental Ar  | nd NIH Research, National Institute Of                    | FEDERAL            |               |                |            |            |
|                                      | Translating M  | ussel Adhesion  | 25.0               | 496,954       | 154,611        | 9/1/2013   | 8/31/2014  |
|                                      | Total MCDB,  | Waite record(s):  | 3                  | 637,436       | 200,259        |            |            |
| Weim                                 | nbs  | Thomas  |                    |               |                |            |            |
|                                      | NIH Diabetes,  | Digestive & Kidney Diseases, National Institute Of        | FEDERAL            |               |                |            |            |
|                                      | A Novel Role   | of Syntaxin 3 as a Transcription Regulator                | 25.0               | 184,607       | 62,754         | 8/1/2013   | 7/31/2015  |
| Genentech, Inc.                      |  | nc.   | INDUSTRY           |               |                |            |            |
|                                      | Targeting the STAT6 Pathway for Treatment of Autosomal Dominant Polycystic Kidney Di |   | Cidney Disease 1.0 | 28,028        | 7,919          | 11/13/2013 | 11/12/2014 |
|                                      | Total MCDB,  | Weimbs record(s):   | 2                  | 212,635       | 70,673         |            |            |
| Wilso                                | on   | Leslie  | ·                  |               |                |            |            |
|                                      | Eisai Research   | n Institute   | INDUSTRY           |               |                |            |            |
|                                      | Functional Int   | eractions between Eribulin and Microtubule +TIPS          | 5.0                | 773,782       | 268,602        | 7/8/2013   | 7/7/2015   |
|                                      | Total MCDB,  | Wilson record(s):   | 1                  | 773,782       | 268,602        |            |            |
| Yi                                   |  | Tau-Mu  |                    |               |                |            |            |
|                                      | National Scien   | nce Foundation-NSF  | FEDERAL            |               |                |            |            |

### OFFICE OF RESEARCH

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934 Record Count:

| Total Support:                           | : 208,882,613  |           |               |                |            |            |
|--|--|-----------|---------------|----------------|------------|------------|
| Total Indirect Costs  College/Department |  | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|  | Collaborative Research: Next-Generation Algorithms for Stochastic Spatial Simulation of Cell | 72.0      | 134,546       | 39,760         | 7/1/2011   | 9/30/2014  |
|  | Polarization   | ,         |               |                |            |            |
|  | Total MCDB, Yi record(s):  | 1         | 134,546       | 39,760         |            |            |
| <b>Total MOL</b> I<br>PHYSICS - F        | ECULAR, CELLULAR & DEVELOPMENTAL BIOLOGY - MCDB record(s) PHYS                               | 61        | 11,164,391    | 2,926,321      |            |            |
| Ahlers                                   | s Guenter  |           |               |                |            |            |
|  | National Science Foundation-NSF  | FEDERAL   |               |                |            |            |
|  | Turbulent Convection in a Fluid Heated from Below  | 5.0       | 160,000       | 49,291         | 6/1/2012   | 5/31/2016  |
|  | Total PHYS, Ahlers record(s):  | 1         | 160,000       | 49,291         |            |            |
| Awsch                                    | halom David D  |           |               |                |            |            |
|  | DAF Office Of Scientific Research  | FEDERAL   |               |                |            |            |
|  | Quantum Memories in Photon - Atomic - Solid-State Systems (QuMPASS)                          | 5.0       | 1,000,000     | 102,683        | 11/1/2011  | 10/31/2014 |
|  | DA Army Research, Durham, N.C. Office (AROD)   | FEDERAL   |               |                |            |            |
|  | Quantum BioImaging with Diamond Spins (QuBIDS)   | 5.0       | 1,023,390     | 110,024        | 6/25/2011  | 12/24/2014 |
|  | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|  | Opto-electronic spin control in mesoscopic topological insulator devices                     | 5.0       | 80,000        | 24,070         | 2/1/2012   | 1/31/2015  |
|  | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|  | Opto-electronic spin control in mesoscopic topological insulator devices                     | 5.0       | 25,000        | 7,598          | 2/1/2012   | 1/31/2015  |
|  | DN Office Of Naval Research (ONR)  | FEDERAL   |               |                |            |            |
|  | Opto-electronic spin control in mesoscopic topological insulator devices                     | 5.0       | 60,000        | 18,235         | 2/1/2012   | 1/31/2015  |
|  | University Of Pittsburgh   | HIGHER ED |               |                |            |            |
|  | Quantum PiSTON: Quantum Preservation, Simulation and Transfer in Oxide Nanostructures        | 5.0       | 75,000        | 21,103         | 9/15/2010  | 11/14/2013 |
|  | University Of Pittsburgh   | HIGHER ED |               |                |            |            |

### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE: 7/15/2014

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

**Report Totals:** 

| Record Count:<br>Total Support: | :                  | 934<br>208,882,613                             |  |           |               |                |            |            |
|---------------------------------|--------------------|--|--|-----------|---------------|----------------|------------|------------|
| Total Indirect Costs:           | :                  | 43,872,798                                     |  |           |               |                |            |            |
| College/Department/             | /PI                | Sponsor/Sposnor                                | Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                                 | Quantum Pi         | STON: Quantum Preserva                         | ition, Simulation and Transfer in Oxide Nanostructures | 5.0       | 450,000       | 118,775        | 9/15/2010  | 5/31/201   |
| į                               | Universitat l      | JLM (Germany)                                  |  | HIGHER ED |               |                |            |            |
| I                               | Diamond ba         | sed atomic nanotechnolo                        | gies   | 5.0       | 108,548       | 40,706         | 1/1/2011   | 4/30/2014  |
| :                               | Total PHYS         | 6, Awschalom record(s                          | ):   | 8         | 2,821,938     | 443,194        |            |            |
| Balent                          | S                  | Leon   |  |           |               |                |            |            |
| 1                               | DOE Miscella       | aneous Offices And Progr                       | ams  | FEDERAL   |               |                |            |            |
| j                               | Interplay of       | Electron Correlations and                      | Spin-orbit Coupling                                    | 0.5       | 90,000        | 24,829         | 9/1/2008   | 8/31/2014  |
| i                               | National Sci       | ence Foundation-NSF                            |  | FEDERAL   |               |                |            |            |
| (                               | Quantum Ph         | enomenae in Solids                             |  | 0.5       | 115,000       | 32,201         | 9/1/2012   | 8/31/2015  |
| :                               | Total PHYS         | 6, Balents record(s):                          |  | 2         | 205,000       | 57,030         |            |            |
| Bildste                         | en                 | Lars   |  | ,         |               |                |            |            |
| 1                               | NASA Godda         | ard Space Flight Center                        |  | FEDERAL   |               |                |            |            |
|                                 | The SPIDER<br>Node | Network: Supernova Pro                         | genitor, Internal Dynamics & Evolution Research UCSB   | 0.0       | 157,952       | 54,854         | 1/1/2014   | 12/31/2017 |
| j                               | National Sci       | ence Foundation-NSF                            |  | FEDERAL   |               |                |            |            |
|                                 |                    | e Research in Modeling A<br>netic Counterparts | dvanced LIGO Gravitational Wave Sources and their      | 5.0       | 70,246        | 17,603         | 8/15/2012  | 7/31/2015  |
| i                               | National Sci       | ence Foundation-NSF                            |  | FEDERAL   |               |                |            |            |
| !                               | Explosions in      | n White Dwarf Binaries                         |  | 5.0       | 172,314       | 47,506         | 9/1/2011   | 8/31/2015  |
| İ                               | National Sci       | ence Foundation-NSF                            |  | FEDERAL   |               |                |            |            |
| <u>.</u>                        | Collaborative      | e Research: SI2-SSE: Mod                       | dules for Experiments in Stellar Astrophysics          | 5.0       | 163,586       | 39,603         | 1/1/2014   | 12/31/2016 |
| •                               | Total PHYS         | 6, Bildsten record(s):                         |  | 4         | 564,098       | 159,566        | ·          | <u> </u>   |

NASA Miscellaneous Centers FEDERAL

### OFFICE OF RESEARCH

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Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Record Count.       | •                      | 33 <del>1</del>                                       |  |            |               |                |            |          |
|---------------------|------------------------|---|--|------------|---------------|----------------|------------|----------|
| Total Support:      | :                      | 208,882,613   |  |            |               |                |            |          |
| otal Indirect Costs | : :                    | 43,872,798  |  |            |               |                |            |          |
| College/Department  | t/PI                   | Sponsor/Sposnor                                       | Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End dat  |
|                     |                        | Radiation MHD Simulatio<br>f Black Hole X-ray Binarie | ns to Attempt to Understand the Very High/Steep Power                                    | 5.0        | 89,925        | 24,413         | 4/1/2013   | 3/31/201 |
|                     | National Sci           | ence Foundation-NSF                                   |  | FEDERAL    |               |                |            |          |
|                     |                        |   | he Hydrogen Ionization Instability in Accretion Disks:<br>vae and X-ray Binary Outbursts | 0.5        | 235,400       | 63,066         | 6/15/2014  | 5/31/201 |
|                     | Assn Of Uni            | v For Res Astronomy (Ak                               | a Space Teles Sci Inst)  | HIGHER ED  |               |                |            |          |
|                     | Mapping the            | e AGN Broad Line Region                               | by Reverberation   | 5.0        | 25,722        | 5,709          | 2/1/2014   | 6/30/201 |
|                     | Assn Of Uni            | v For Res Astronomy (Ak                               | a Space Teles Sci Inst)  | HIGHER ED  |               |                |            |          |
|                     | The Cosmic of Dark Mat |   | es Galaxies as a Test of Galaxy Formation and the Natur                                  | e 5.0      | 29,892        | 7,997          | 10/1/2013  | 8/31/201 |
|                     | Assn Of Uni            | v For Res Astronomy (Ak                               | a Space Teles Sci Inst)  | HIGHER ED  |               |                |            |          |
|                     | Accurate Co            | smology from Gravitatior                              | al Lens Time Delays  | 5.0        | 30,352        | 8,144          | 11/1/2012  | 1/31/201 |
|                     | Total PHYS             | 6, Blaes record(s):                                   |  | 5          | 411,291       | 109,329        |            |          |
| Bouw                | meester                | Dirk  |  |            |               |                |            |          |
|                     | National Sci           | ence Foundation-NSF                                   |  | FEDERAL    |               |                |            |          |
|                     | Quantum Po             | st-Selected Optomechan                                | ics  | 10.0       | 150,000       | 40,532         | 9/1/2012   | 8/31/201 |
|                     | National Sci           | ence Foundation-NSF                                   |  | FEDERAL    |               |                |            |          |
|                     | Implementin            | ng a Quantum CNOT Gate                                | e Using Solid State Cavity QED   | 10.0       | 90,000        | 25,279         | 9/1/2013   | 8/31/201 |
|                     | Total PHYS             | 6, Bouwmeester record                                 | i(s):  | 2          | 240,000       | 65,811         |            |          |
| Camp                | oagnari                | Claudio   | F  |            |               |                |            |          |
|                     | Universities           | Research Association (Op                              | perates Fermilab)  | HIGHER ED  |               |                |            |          |
|                     | US CMS EMI             | U Subsystem   |  | 5.0        | 226,346       | 5,612          | 1/1/2013   | 9/30/201 |
|                     | Fermi Resea            | arch Alliance, Llc (Fra) (Ir                          | cl Fermilab-Doe Goco)  | NOT PROFIT |               |                |            |          |
|                     | Fermilab Fel           | llowship  |  | 5.0        | 45,854        | 0              | 2/1/2013   | 1/31/201 |
|                     | Total PHYS             | 6, Campagnari record(                                 | s):  | 2          | 272,200       | 5,612          |            |          |

REPORT DATE:

#### OFFICE OF RESEARCH

**FEDERAL** 

300,000

300,000

89,623 9/15/2013

89,623

10.0

1

| me Total Support R ED 42,547 42,547 | Indirect Costs<br>14,463<br>14,463 | Start date 5/1/2008                                      | End date<br>9/30/2014   |
|-------------------------------------|------------------------------------|--|---|
| R ED<br>42,547                      | 14,463                             |  |   |
| 42,547                              |                                    | 5/1/2008   | 9/30/2014   |
| 42,547                              |                                    | 5/1/2008   | 9/30/2014   |
|                                     |                                    | 5/1/2008   | 9/30/2014   |
| 42,547                              | 14,463                             |  |   |
|                                     |                                    |  |   |
|                                     |                                    |  |   |
| AL.                                 |                                    |  |   |
| 190,000                             | 60,378                             | 6/28/2010  | 6/27/2015   |
| 190,000                             | 60,378                             |  |   |
|                                     |                                    |  |   |
| RED                                 |                                    |  |   |
| 125,078                             | 37,467                             | 10/1/2012  | 9/30/2014   |
| R ED                                |                                    |  |   |
| 144,992                             | 42,112                             | 10/1/2012  | 9/30/2014   |
| 270,070                             | 79,579                             |  |   |
|                                     |                                    |  |   |
| OFIT                                |                                    |  |   |
| 46.065                              | 6,008                              | 9/1/2013   | 8/31/2014   |
| -7                                  | 6,008                              |  |   |
|                                     | 144,992                            | 144,992 42,112 <b>270,070 79,579</b> PROFIT 46,065 6,008 | 144,992 42,112 10/1/2012 270,070 79,579  PROFIT 46,065 6,008 9/1/2013 |

Cracking the color code of DNA-stabilized metal nanoclusters with rapid optical array

National Science Foundation-NSF

characterization and machine learning Total PHYS, Gwinn record(s):

8/31/2016

#### OFFICE OF RESEARCH

|                        |  |          | OTTICE OF RESEARCH                                     | •                  |               |                |            |            |
|------------------------|--|----------|--|--------------------|---------------|----------------|------------|------------|
|                        |  |          | PROPOSALS AWARDED BY DEPARTMENT/PI (                   | By First PI's Home | e Dept)       | REPORT D       | ATE:       | 7/15/2014  |
| Parameters:            |  |          |  |                    |               |                |            |            |
| Dates (Award Approved) | : 7/1/2013                                     | TO:      | 6/30/2014  |                    |               |                |            |            |
| Report Totals:         |  |          |  |                    |               |                |            |            |
| Record Count:          | : 934  |          |  |                    |               |                |            |            |
| Total Support:         | : 208,882,613                                  |          |  |                    |               |                |            |            |
| Total Indirect Costs:  | : 43,872,798                                   |          |  |                    |               |                |            |            |
| College/Department/PI  | Sponsor/S                                      | Sposnor  | Category/Title   | PI % Time          | Total Support | Indirect Costs | Start date | End date   |
| Hansma                 | Paul   |          | К  |                    |               |                |            |            |
| NIH G                  | eneral Medical Sciences                        | , Nation | al Institute Of  | FEDERAL            |               |                |            |            |
|                        | proved Atomic Force Mi<br>ng and Nanomechanics |          | e for Biomedical Applications: Deep AFM for Large Sc   | ale 25.0           | 313,605       | 106,605        | 12/1/2013  | 11/30/2014 |
| NIH G                  | eneral Medical Sciences                        | , Nation | al Institute Of  | FEDERAL            |               |                |            |            |
|                        | proved Atomic Force Mi<br>ng and Nanomechanics |          | e for Biomedical Applications: Deep AFM for Large Sc   | ale 25.0           | 34,845        | 11,845         | 12/1/2013  | 11/30/2014 |
| Total                  | PHYS, Hansma recor                             | d(s):    |  | 2                  | 348,450       | 118,450        |            |            |
| Heeger                 | Alan   |          | J  | ,                  |               |                |            |            |
| DOE M                  | iscellaneous Offices An                        | d Droam  | nme.   | FEDERAL            |               |                |            |            |
|                        |  |          | namics, and Interfacial Effects in Organic Solar Cells | 5.0                | 600,000       | 180,049        | 9/1/2008   | 8/31/2014  |
|                        | om Designs Engrg Serv                          |          | lamics, and interfacial Effects in Organic Solar Cens  | INDUSTRY           | 000,000       | 160,049        | 9/1/2006   | 0/31/2014  |
| _                      |  |          | earch, Development and Testing of Photovoltaic Space   |                    | 27 500        | 12,000         | 7/1/2012   | 8/20/2014  |
|                        | Systems  | TOT Res  | earch, Development and Testing of Photovoltaic Spac    | .e 5.0             | 37,500        | 12,990         | 7/1/2013   | 0/20/2014  |
| Biosola                | ır   |          |  | INDUSTRY           |               |                |            |            |
| Bio-Ins                | spired Redox-Active-Pol                        | yelectro | lytes (RPE)  | 1.0                | 139,617       | 48,637         | 6/1/2014   | 5/30/2015  |
| Total                  | PHYS, Heeger record                            | l(s):    |  | 3                  | 777,117       | 241,676        |            |            |
| Horowitz               | Gary   | '        | Т  | ,                  |               |                |            |            |
| Nation                 | al Science Foundation-l                        | NSF      |  | FEDERAL            |               |                |            |            |
| Resear                 | ch in Classical and Qua                        | ntum G   | ravity   | 9.0                | 440,000       | 135,913        | 6/1/2012   | 5/31/2015  |
| Total                  | PHYS, Horowitz reco                            | rd(s):   |  | 1                  | 440,000       | 135,913        |            |            |
| Incandela              | Jose   | ph       | Robert   |                    |               |                |            |            |
| DOE V                  | ashington, D.C.                                |          |  | FEDERAL            |               |                |            |            |
| Protoc                 | ols and IP-Cores for Co                        | ntrol an | d Readout in Future High Energy Physics Experiments    | 5.0                | 191,000       | 51,493         | 5/1/2012   | 4/30/2014  |
| Total                  | PHYS, Incandela rec                            | ord(s):  |  | 1                  | 191,000       | 51,493         |            |            |

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total Indirect Costs: | : 43,872,798  |            |               |                |            |           |
|-----------------------|---|------------|---------------|----------------|------------|-----------|
| College/Department/PI | Sponsor/Sposnor Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
| Jayich                | Ania  |            |               |                |            |           |
| DAF Of                | fice Of Scientific Research   | FEDERAL    |               |                |            |           |
| Nanoso                | ale Probe of Magnetism Based on Artificial Atoms in Diamond   | 0.0        | 160,000       | 48,860         | 4/1/2011   | 3/31/2014 |
| DAF Air               | Force Misc Bases & Agencies   | FEDERAL    |               |                |            |           |
| Nanoso                | ale probe of magnetism based on artificial atoms in diamond   | 35.0       | 200,000       | 54,958         | 9/1/2013   | 8/31/201  |
| Total I               | PHYS, Jayich record(s):   | 2          | 360,000       | 103,818        |            |           |
| Kelly                 | Brandon Charles   |            |               |                |            |           |
| NASA N                | 1iscellaneous Centers   | FEDERAL    |               |                |            |           |
| Weiging               | g the Most Massive Black Holes with X-ray Variability   | 5.0        | 22,100        | 7,656          | 8/6/2013   | 8/5/201   |
| Total I               | PHYS, Kelly record(s):  | 1          | 22,100        | 7,656          |            |           |
| Langer                | James S   |            |               |                |            |           |
| Oak Rio               | dge Natl Lab  | NOT PROFIT |               |                |            |           |
| Nonequ                | uilibrium Properties of Amorphous Materials   | 5.0        | 35,000        | 12,125         | 11/10/2010 | 11/30/201 |
| Total I               | PHYS, Langer record(s):   | 1          | 35,000        | 12,125         |            |           |
| Lubin                 | Philip M  | ,          |               |                |            |           |
| UC San                | Diego   | UC         |               |                |            |           |
| Californ              | nia Space Grant Consortium (NASA NNx10At93H)  | 1.0        | 6,000         | 0              | 8/26/2012  | 8/25/201  |
| UC San                | Diego   | UC         |               |                |            |           |
|                       | ping Interactive Computer Applications in Cosmology Education with Data and cions from the International Planck Collaboration | 5.0        | 4,000         | 0              | 8/26/2012  | 8/25/2014 |
| Freedo                | m Photonics Llc   | INDUSTRY   |               |                |            |           |
| Freedo                | m Photonics Atmospheric Modeling  | 1.0        | 18,388        | 4,586          | 12/1/2013  | 9/30/2014 |
| Raythe                | on Company  | INDUSTRY   |               |                |            |           |
| Tack 1                | Advanced Camera Development   | 10.0       | 141,470       | 49,157         | 4/1/2014   | 12/31/201 |
| TUSK 1.               | Advanced Carriera Development   |            |               |                |            |           |

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

| Record Count:         | :                            | 934                       |  |            |               |                |            |            |
|-----------------------|------------------------------|---------------------------|--|------------|---------------|----------------|------------|------------|
| Total Support:        | :                            | 208,882,613               |  |            |               |                |            |            |
| Total Indirect Costs: | : :                          | 43,872,798                |  |            |               |                |            |            |
| College/Department    | t/PI                         | Sponsor/Sposnor           | Category/Title                                     | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|                       | Master Agree                 | ement                     |  | 0.0        | 0             | 0              | 4/4/2014   | 3/31/2017  |
|                       | Total PHYS                   | , Lubin record(s):        |  | 5          | 169,858       | 53,743         |            |            |
| Ludwi                 | rig                          | Andreas                   | W  | ·          |               |                |            | _          |
|                       | National Scie                | ence Foundation-NSF       |  | FEDERAL    |               |                |            |            |
|                       | Field Theore<br>Matter Syste |                           | Interacting, Topological, and Disordered Condensed | 0.0        | 180,000       | 53,311         | 9/1/2013   | 8/31/2016  |
|                       | Total PHYS                   | , Ludwig record(s):       |  | 1          | 180,000       | 53,311         |            |            |
| Marol                 | lf                           | Donald                    | М  | ·          |               |                |            |            |
|                       | Silicon Valley               | y Community Foundation    |  | NOT PROFIT |               |                |            |            |
|                       | Black hole in                | formation and firewall si | ngularities  | 16.0       | 35,100        | 4,578          | 9/1/2013   | 12/31/2014 |
|                       | Total PHYS                   | 6, Marolf record(s):      |  | 1          | 35,100        | 4,578          |            |            |
| Martir                | n                            | Crystal                   | L.   |            |               |                |            |            |
|                       | National Scie                | ence Foundation-NSF       |  | FEDERAL    |               |                |            |            |
|                       | Evolution of                 | Circumgalactic Gas Flows  | 5  | 5.0        | 180,812       | 56,052         | 8/15/2011  | 7/31/2015  |
|                       | Assn Of Univ                 | / For Res Astronomy (Aka  | a Space Teles Sci Inst)                            | HIGHER ED  |               |                |            |            |
|                       | COS Gas Flo                  | ws: Challenging the Opti  | cal Perspective                                    | 5.0        | 25,496        | 8,886          | 1/1/2014   | 12/31/2016 |
|                       | Assn Of Univ                 | For Res Astronomy (Aka    | a Space Teles Sci Inst)                            | HIGHER ED  |               |                |            |            |
|                       | Escape of Ly                 | man-Alpha Photons from    | Dusty Starbursts                                   | 5.0        | 33,187        | 11,282         | 11/1/2011  | 10/31/2014 |
|                       | Total PHYS                   | , Martin record(s):       |  | 3          | 239,495       | 76,220         |            |            |
| Martir                | nis                          | John                      | М  |            |               |                |            |            |
|                       | DA Army Res                  | search, Wash D.C. Office  |  | FEDERAL    |               |                |            |            |
|                       | Low-Loss Ma                  | aterials for Josephson Qu | bits   | 50.0       | 1,970,000     | 422,554        | 7/14/2009  | 8/31/2014  |
|                       | DA Army Res                  | search, Durham, N.C. Off  | ice (AROD)   | FEDERAL    |               |                |            |            |
|                       | Multi-Qubit A                | Algorithms in Josephson I | Phase Qubits                                       | 15.0       | 827,860       | 150,786        | 8/1/2010   | 7/31/2014  |
|                       |                              |                           |  |            |               |                |            |            |

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Report Totals:

| Record Count:         | : 934  |            |               |                |            |           |
|-----------------------|--|------------|---------------|----------------|------------|-----------|
| Total Support:        | : 208,882,613  |            |               |                |            |           |
| Total Indirect Costs: | : 43,872,798   |            |               |                |            |           |
| College/Department/F  | PI Sponsor/Sposnor Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
| D                     | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL    |               |                |            |           |
| D                     | ecoherence from 1/f Flux Noise   | 5.0        | 28,986        | 2,564          | 10/1/2010  | 9/30/2014 |
| D                     | A Army Research, Durham, N.C. Office (AROD)  | FEDERAL    |               |                |            |           |
| M                     | Iulti-Qubit Algorithms in Josephson Phase Qubits   | 15.0       | 827,861       | 150,786        | 8/1/2010   | 7/31/2014 |
| Ŧ                     | otal PHYS, Martinis record(s):   | 4          | 3,654,707     | 726,690        |            |           |
| <br>Mazin             | Benjamin   |            |               |                |            |           |
| N                     | ASA Miscellaneous Centers  | FEDERAL    |               |                |            |           |
| C                     | oronagraphic Planet Finding with Energy Resolving Detectors  | 5.0        | 68,000        | 0              | 8/1/2011   | 7/31/2015 |
| N                     | ASA Miscellaneous Centers  | FEDERAL    |               |                |            |           |
| K                     | inetic Inductance Detectors for X-ray Astrophysics   | 5.0        | 200,000       | 54,879         | 5/16/2014  | 5/15/2015 |
| N                     | ational Science Foundation-NSF   | FEDERAL    |               |                |            |           |
| D                     | arkness: Dark-Speckle Near-IR Energy-resolved Superconducting Spectrophotometer  | 5.0        | 467,664       | 88,155         | 9/15/2013  | 8/31/2016 |
| N                     | ASA Shared Services Center (NSSC)  | FEDERAL    |               |                | ,          |           |
| Li                    | arge Arrays of UV to Near-IR Lumped Element Kinetic Inductance Detectors   | 5.0        | 100,000       | 0              | 1/11/2011  | 1/10/2017 |
| N                     | ASA Office of the Chief Technologist   | FEDERAL    |               |                | ,          |           |
| M                     | licrowave Kinetic Inductance Detector Development  | 5.0        | 68,000        | 0              | 8/1/2013   | 7/31/2017 |
| N                     | ASA Office of the Chief Technologist   | FEDERAL    |               |                | ,          |           |
| C                     | oronagraphic Planet Finding with Energy Resolving Detectors  | 5.0        | 65,000        | 0              | 8/1/2011   | 7/31/2015 |
| N                     | ASA Office of the Chief Technologist   | FEDERAL    |               |                | ,          |           |
| M                     | licrowave Kinetic Inductance Detector Development  | 5.0        | 68,000        | 0              | 8/1/2013   | 7/31/2017 |
| Ī                     | otal PHYS, Mazin record(s):  | 7          | 1,036,664     | 143,034        |            |           |
| Meinho                | ld Peter Russell   |            |               |                |            |           |
| Je                    | et Propulsion Laboratory-JPL   | NOT PROFIT |               |                |            |           |
|                       | emote and On-Site Support for LFI Integration and Test, US Planck Internal Advisory Board nd Planck Data Analysis 2005 | 100.0      | 30,000        | 10,392         | 11/8/2013  | 11/8/2014 |
| Je                    | et Propulsion Laboratory-JPL   | NOT PROFIT |               |                |            |           |

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters:

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Report Totals:

| Record Count:        | :                | 934   |   |            |               |                |            |            |
|----------------------|------------------|---|---|------------|---------------|----------------|------------|------------|
| Total Support:       | :                | 208,882,613                                     |   |            |               |                |            |            |
| Total Indirect Costs | : :              | 43,872,798                                      |   |            |               |                |            |            |
| College/Department   | t/PI             | Sponsor/Sposnor                                 | Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
|                      |                  | d On-Site Support for LFI<br>Data Analysis 2005 | Integration and Test, US Planck Internal Advisory Board | 100.0      | 194,000       | 67,202         | 11/8/2013  | 11/8/2014  |
|                      | Total PHY        | S, Meinhold record(s):                          |   | 2          | 224,000       | 77,594         |            |            |
| Nelso                | n                | Harry   | Norman  |            |               |                |            |            |
|                      | UC Lawren        | ce Berkeley Laboratory                          |   | NOT PROFIT |               |                |            |            |
|                      | Lawrence E       | Berkeley National Laborato                      | ory Travel  | 5.0        | 33,642        | 6,942          | 11/15/2012 | 12/31/2014 |
|                      | Total PHY        | S, Nelson record(s):                            |   | 1          | 33,642        | 6,942          |            |            |
| Oh                   |                  | Siang   | Peng  |            |               |                |            |            |
|                      | NASA Misce       | ellaneous Centers                               |   | FEDERAL    |               |                |            |            |
|                      | urbulence a      | and Cosmic Rays in Cluste                       | rs of Galaxies  | 5.0        | 120,000       | 34,704         | 4/1/2012   | 3/31/2015  |
|                      | NASA Misce       | ellaneous Centers                               |   | FEDERAL    |               |                |            |            |
|                      | Turbulence       | and Cosmic Rays in Clust                        | ers of Galaxies   | 5.0        | 50,000        | 16,997         | 4/1/2012   | 3/31/2015  |
|                      | NASA Misce       | ellaneous Centers                               |   | FEDERAL    |               |                |            |            |
|                      | Turbulence       | and Cosmic Rays in Clust                        | ers of Galaxies   | 5.0        | 80,000        | 22,753         | 4/1/2012   | 3/31/2015  |
|                      | <b>Total PHY</b> | S, Oh record(s):                                |   | 3          | 250,000       | 74,454         |            |            |
| Peale                |                  | Stanton   | J   |            |               |                |            |            |
|                      | Carnegie Ir      | nstitution                                      |   | HIGHER ED  |               |                |            |            |
|                      | MESSENGE         | R XM2   |   | 0.5        | 11,000        | 3,517          | 9/14/2004  | 3/31/2016  |
|                      | Carnegie Ir      | nstitution                                      |   | HIGHER ED  |               |                | '          |            |
|                      | MESSENGE         | R XM2   |   | 5.0        | 15,000        | 4,796          | 9/14/2004  | 3/31/2016  |
|                      | Total PHY        | S, Peale record(s):                             |   | 2          | 26,000        | 8,313          |            |            |
| Polch                | inski            | Joseph  | G   |            |               |                |            |            |
|                      | National Sc      | ience Foundation-NSF                            |   | FEDERAL    |               |                |            |            |
|                      | Problems in      | n Theoretical Physics                           |   | 5.0        | 440,000       | 147,159        | 12/1/2013  | 11/30/2016 |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: : Total Su Total Ir

| Total Support:        | : 208,882,613  |            |               |                |            |            |
|-----------------------|--|------------|---------------|----------------|------------|------------|
| Total Indirect Costs: | : 43,872,798   |            |               |                |            |            |
| College/Department/PI | Sponsor/Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| Tota                  | l PHYS, Polchinski record(s):  | 1          | 440,000       | 147,159        |            |            |
| Scalapino             | Douglas J  |            |               |                |            |            |
| Oak                   | Ridge Natl Lab   | NOT PROFIT |               |                |            |            |
| Stud                  | y of the Properties of Strongly Correlated Materials   | 42.0       | 127,758       | 26,363         | 4/1/2014   | 3/31/2015  |
| Tota                  | I PHYS, Scalapino record(s):   | 1          | 127,758       | 26,363         |            |            |
| Schmidt               | Kasper Borello   |            |               |                |            |            |
| Assr                  | Of Univ For Res Astronomy (Aka Space Teles Sci Inst)   | HIGHER ED  |               |                |            |            |
| The                   | Grism Lens-Amplified Survey from Space (GLASS)   | 5.0        | 357,141       | 106,999        | 1/1/2014   | 12/31/2016 |
| Tota                  | I PHYS, Schmidt record(s):   | 1          | 357,141       | 106,999        |            |            |
| Sherwin               | Mark   | ,          |               |                | ,          |            |
| Natio                 | onal Science Foundation-NSF  | FEDERAL    |               |                |            |            |
| Robi                  | st Gd3+ -based spin labels for structural studies of membrane proteins   | 5.0        | 268,910       | 73,846         | 1/1/2013   | 12/31/2015 |
| Natio                 | onal Science Foundation-NSF  | FEDERAL    |               |                |            |            |
| Tera                  | nertz Electron Hole Recollisions   | 5.0        | 565,000       | 137,775        | 7/1/2014   | 6/30/2017  |
| U.S.                  | Israel Binat'l Science Foundation (Bsf) (Intl)   | NOT PROFIT |               |                |            |            |
|                       | lopment of Gd3+-based spin labels for probing structure, dynamics and interfaces by ron paramagnetic resonance techniques. | 1.0        | 23,515        | 3,067          | 10/1/2013  | 9/30/2014  |
| Univ                  | ersity Of Pittsburgh   | HIGHER ED  |               |                | '          |            |
|                       | scale Terahertz, Infrared and Plasmonics Platform Using Graphene – Complex Oxide rostructures                              | 5.0        | 32,009        | 9,432          | 7/31/2013  | 7/30/2016  |
| Univ                  | ersity Of Pittsburgh   | HIGHER ED  |               |                |            |            |
|                       | scale Terahertz, Infrared and Plasmonics Platform Using Graphene – Complex Oxide rostructures                              | 5.0        | 314,866       | 100,764        | 7/31/2013  | 7/30/2016  |
| Tota                  | I PHYS, Sherwin record(s):   | 5          | 1,204,300     | 324,884        |            |            |

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

86

17,594,659

4,031,888

Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Shraiman **Boris FEDERAL** National Science Foundation-NSF Intercellular Interactions and Dynamics of Morphogenesis 0.5 150,125 44,757 9/1/2012 8/31/2017 Calif Institute Of Technology-Cal Tech HIGHER ED 0.5 152,000 Genetic Interactions and Synthetic Population Biology 51,670 9/1/2010 6/30/2014 Simons Foundation **NOT PROFIT** 5.0 783,780 Natural Selection in Rapidly Mutating Populations and Mitochondrial Aging. 59,485 7/1/2014 6/30/2017 3 1,085,905 155,912 Total PHYS, Shraiman record(s): Treu Tommaso National Science Foundation-NSF **FEDERAL** Collaborative Research: Accurate Cosmology with Strong Gravitational Lens Time Delays 308,213 105,512 9/1/2013 8/31/2016 5.0 1 308,213 105,512 Total PHYS, Treu record(s): Weld David DAF Air Force Misc Bases & Agencies **FEDERAL** Quantum Simulation and Quantum Sensing with Ultracold Strontium 35.0 120,000 26,589 6/15/2012 6/14/2015 DAF Air Force Misc Bases & Agencies **FEDERAL** 35.0 Quantum Simulation and Quantum Sensing with Ultracold Strontium 120,000 27,518 6/15/2012 6/14/2015 **FEDERAL** DA Army Research, Durham, N.C. Office (AROD) Nonequilibrium Dynamics with Ultracold Atoms 10.0 200,000 51,279 5/12/2014 5/11/2015 3 105,386 Total PHYS, Weld record(s): 440,000 Cenke Xu National Science Foundation-NSF **FEDERAL** CAREER: Quantum Critical Points around Topological Phases 5.0 85,000 23,779 9/1/2012 8/31/2017 1 23,779 Total PHYS, Xu record(s): 85,000

Total PHYSICS - PHYS record(s)

#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

7/15/2014 Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date PSYCHOLOGICAL & BRAIN SCIENCES - PSYC F Ashby University Of Texas-Austin HIGHER ED Computational Cognitive Neuroscience Modeling of Learning and Retention of Complex 10.0 95,736 26,330 7/1/2012 6/30/2015 Sequential Skills 1 Total PSYC, Ashby record(s): 95,736 26,330 Ε Bugental Daphne National Science Foundation-NSF **FEDERAL** Parental Investment Patterns in a Shifting Economy 20.0 112,316 38,180 3/1/2012 2/29/2016 Total PSYC, Bugental record(s): 1 112,316 38,180 Eckstein Miguel Patricio NIH Natl Eye Institute **FEDERAL** 187,732 Neural representation of scene context during visual search 10.0 65,031 3/1/2014 2/28/2015 1 187,732 65,031 **Total PSYC, Eckstein record(s):** Ettenberg Aaron NIH Drug Abuse, National Institute Of **FEDERAL** Opponent process properties of cocaine 100.0 327,425 100,211 1/1/2014 12/31/2014 1 Total PSYC, Ettenberg record(s): 327,425 100,211 S. Gazzaniga Michael **UC Davis** UC Summer Institute in Cognitive Neuroscience 5.0 32,638 8/2/2010 6/30/2014 2,418 Total PSYC, Gazzaniga record(s): 1 32,638 2,418 Giesbrecht L Barry DCS Corporation **INDUSTRY** Predicting task lapses during high mental workload and multisensory stimulation 5.0 87,796 29,845 5/26/2013 5/25/2014

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: : 934

Total Support: : 208,882,613

Total Indirect Costs: : 43,872,798

College/Department/PI Sponsor/S

| ct Costs: : 43,872,798  |            |               |                |            |           |
|---|------------|---------------|----------------|------------|-----------|
| artment/PI Sponsor/Sposnor Category/Title   | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
| DCS Corporation   | INDUSTRY   |               |                |            |           |
| Predicting task lapses during high mental workload and multisensory stimulation       | 5.0        | 9,275         | 3,153          | 5/26/2013  | 5/25/2015 |
| Total PSYC, Giesbrecht record(s):   | 2          | 97,071        | 32,998         |            |           |
| Grafton Scott T   |            |               |                |            |           |
| NIH Neurological Disorders & Stroke, Natl Institute Of                                | FEDERAL    |               |                |            |           |
| Spatial and Temporal Scales of Motor Sequence Learning                                | 10.0       | 1,089,219     | 153,540        | 9/1/2013   | 8/31/2015 |
| Total PSYC, Grafton record(s):  | 1          | 1,089,219     | 153,540        |            |           |
| Kippin Tod E  |            |               |                |            |           |
| NIH Drug Abuse, National Institute Of   | FEDERAL    |               |                |            |           |
| Interactions Between Prenatal Stress and Genetics in Cocaine Responsiveness           | 10.0       | 321,242       | 100,375        | 3/1/2014   | 2/28/2015 |
| William M. Keck Foundation  | NOT PROFIT |               |                |            |           |
| A Universal Platform for Real-Time Continuous Monitoring of Psychoactive Molecules in | Brain 5.0  | 1,000,000     | 0              | 7/1/2014   | 6/30/2017 |
| Total PSYC, Kippin record(s):   | 2          | 1,321,242     | 100,375        |            |           |
| Major Brenda N  | ,          |               |                |            |           |
| NIH Heart, Lung & Blood, National Institute Of  | FEDERAL    |               |                |            |           |
| Psychological, Physiological, and Behavioral Effects of Weight Stigma.                | 0.0        | 571,718       | 130,526        | 2/1/2014   | 1/31/2015 |
| Total PSYC, Major record(s):  | 1          | 571,718       | 130,526        |            |           |
| Mayer Richard   |            |               |                |            |           |
| DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |           |
| Designing Effective Computer-Based Games and Simulations for Learning                 | 10.0       | 129,583       | 39,630         | 3/1/2011   | 2/27/2015 |
| DN Office Of Naval Research (ONR)   | FEDERAL    |               |                |            |           |
| Designing Effective Computer-Based Games and Simulations for Learning                 | 10.0       | 36,000        | 12,238         | 3/1/2011   | 2/27/2015 |
| Total PSYC, Mayer record(s):  | 2          | 165,583       | 51,868         |            |           |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

| Report Totals:                | -                          |                             |   |           |               |                |            |            |
|-------------------------------|----------------------------|-----------------------------|---|-----------|---------------|----------------|------------|------------|
| Record Count:                 | :                          | 934                         |   |           |               |                |            |            |
| Total Support:                | :                          | 208,882,613                 |   |           |               |                |            |            |
| Total Indirect Costs          | s: :                       | 43,872,798                  |   |           |               |                |            |            |
| College/Departmen             | it/PI                      | Sponsor/Sposnor             | Category/Title                                      | PI % Time | Total Support | Indirect Costs | Start date | End date   |
| Mille                         | r                          | Michael                     | В   |           |               |                |            |            |
|                               | DCS Corpora                | ation                       |   | INDUSTRY  |               |                |            |            |
|                               | Using Neura<br>Decision Ru |                             | nd Guide an Individual's Ability to Optimally Adapt | 5.0       | 48,850        | 16,606         | 5/26/2013  | 5/25/2014  |
|                               | DCS Corpora                | ation                       |   | INDUSTRY  |               |                |            |            |
|                               | Using Neura<br>Decision Ru |                             | nd Guide an Individual's Ability to Optimally Adapt | 5.0       | 5,161         | 1,754          | 5/26/2013  | 5/25/2015  |
| Total PSYC, Miller record(s): |                            |                             | 2   | 54,011    | 18,360        |                |            |            |
| Rees                          | e                          | Benjamin                    | Е   |           |               |                |            |            |
|                               | NIH Natl Ey                | e Institute                 |   | FEDERAL   |               |                |            |            |
|                               | Developmen                 | nt of Retinal Bipolar Cells |   | 5.0       | 319,634       | 103,463        | 1/1/2014   | 12/31/2014 |
|                               | NIH Natl Ey                | e Institute                 |   | FEDERAL   |               |                |            |            |
|                               | Developmen                 | nt of Retinal Bipolar Cells |   | 5.0       | 28,412        | 9,658          | 1/1/2014   | 12/31/2014 |
|                               | Total PSYC                 | C, Reese record(s):         |   | 2         | 348,046       | 113,121        |            |            |
| Rone                          | ey                         | James                       | R   |           |               |                |            |            |
|                               | National Sci               | ence Foundation-NSF         |   | FEDERAL   |               |                |            |            |
|                               | Endocrinolo                | gy of human relationship    | initiation  | 10.0      | 374,235       | 109,105        | 4/15/2014  | 3/31/2017  |
|                               | Total PSYC                 | C, Roney record(s):         |   | 1         | 374,235       | 109,105        |            |            |
| Scho                          | oler                       | Jonathan                    |   |           |               |                |            |            |
|                               | ED Special [               | Department Of Education     |   | FEDERAL   |               |                |            |            |
|                               | Mind Wande                 | ering During Reading        |   | 10.0      | 443,498       | 141,304        | 3/1/2014   | 2/28/2015  |
|                               | Total PSYC                 | C, Schooler record(s):      |   | 1         | 443,498       | 141,304        |            |            |
| Sher                          | man                        | David                       | Allen   |           |               |                |            |            |
|                               | Kent State U               | Jniversity                  |   | HIGHER ED |               |                |            |            |

OFFICE OF RESEARCH - PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) - REPORT 08-06-2

#### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

7/15/2014 **Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 Start date College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs End date Message Framing for Oral Health in a Diverse Longitudinal Sample of Americans: A Social 10.0 9,500 3,230 5/1/2010 4/30/2014 Psychological Approach Total PSYC, Sherman record(s): 1 9,500 3,230 Andrew **Thomas** Stull National Science Foundation-NSF **FEDERAL** Empirical Research—Fostering Representational Competence with Virtual Models in Chemistry 100.0 227,946 656,432 9/1/2013 8/31/2016 1 Total PSYC, Stull record(s): 656,432 227,946 Κ Szumlinski Karen **FEDERAL** NIH Alcohol Abuse And Alcoholism, National Institute Of Molecular Regulation of CeA Glutamate and Binge Drinking 10.0 10,147 3,449 3/1/2013 2/28/2014 **FEDERAL** NIH Alcohol Abuse And Alcoholism, National Institute Of Molecular Regulation of CeA Glutamate and Binge Drinking 327,443 3/1/2014 2/28/2015 10.0 111,309 2 337,590 114,758 Total PSYC, Szumlinski record(s): Total PSYCHOLOGICAL & BRAIN SCIENCES - PSYC record(s) 23 6,223,992 1,429,301 STATISTICS & APPLIED PROBABILITY - SAPP Ichiba Tomoyuki National Science Foundation-NSF **FEDERAL** Financial Market with Discontinuities 84,601 9/1/2013 8/31/2016 1.0 29,412 Total SAPP, Ichiba record(s): 1 84,601 29,412 Total STATISTICS & APPLIED PROBABILITY - SAPP record(s) 1 84,601 29,412 57,498,584 13,414,416 **Mathematical, Life & Physical Sciences** 316 Social Sciences ANTHROPOLOGY - ANTH Gamble Lynn

STATE AND LOCAL

OFFICE OF RESEARCH - PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) - REPORT 08-06-2

State of California

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

 Record Count:
 :
 934

 Total Support:
 :
 208,882,613

 Total Indirect Costs:
 :
 43,872,798

| College/Departmen | nt/PI                       | Sponsor/Sposnor         | Category/Title   | PI % Time    | Total Support | Indirect Costs | Start date | End date   |
|-------------------|-----------------------------|-------------------------|--|--------------|---------------|----------------|------------|------------|
|                   | CHRIS Moderniz              | zation and Stability Pl | an   | 1.0          | 32,883        | 6,577          | 7/25/2013  | 6/7/2014   |
|                   | State of Californ           | nia                     |  | STATE AND LO | DCAL          |                |            |            |
|                   | Historic Preserv            | ation Fund Grant        |  | 1.0          | 9,000         | 1,800          | 10/25/2013 | 9/30/2014  |
|                   | Total ANTH, G               | amble record(s):        |  | 2            | 41,883        | 8,377          |            |            |
| Gurv              | ven .                       | Michael                 | Douglas  |              |               |                |            |            |
|                   | NIH National In             | stitute On Aging        |  | FEDERAL      |               |                |            |            |
|                   | Human Life Cou              | irse and the Biodemo    | graphy of Aging  | 0.0          | 1,031,138     | 85,701         | 9/1/2013   | 5/31/2014  |
|                   | National Science            | e Foundation-NSF        |  | FEDERAL      |               |                |            |            |
|                   | RAPID: Survivin<br>Disaster | g the Flood: Vulneral   | oility, Risk Management, and Resilience after a Natural  | 5.0          | 126,000       | 26,000         | 5/1/2014   | 4/30/2015  |
|                   | National Science            | e Foundation-NSF        |  | FEDERAL      |               |                |            |            |
|                   | Doctoral Dissert<br>Bolivia | ation Research: Expa    | nded Group Affiliation, Trust and Prosociality in Lowlan | d 5.0        | 15,249        | 3,147          | 6/1/2014   | 11/30/201  |
|                   | Total ANTH, G               | urven record(s):        |  | 3            | 1,172,387     | 114,848        |            |            |
| Hartl             | horn                        | Barbara                 | Н  |              |               |                |            |            |
|                   | National Science            | e Foundation-NSF        |  | FEDERAL      |               |                |            |            |
|                   | NSEC: Center fo             | or Nanotechnology in    | Society at University of California, Santa Barbara       | 20.0         | 1,215,200     | 308,412        | 9/15/2010  | 8/31/201   |
|                   | Total ANTH, H               | arthorn record(s):      |  | 1            | 1,215,200     | 308,412        |            |            |
| Maas              | 5                           | Grayson                 | Ford   |              |               |                |            |            |
|                   | UC MEXUS                    |                         |  | UC           |               |                |            |            |
|                   | Bridging the Ide            | entity Gap: Affordand   | es and Constraints to becoming a "Science Person"        | 95.0         | 4,867         | 0              | 1/1/2014   | 12/31/2015 |
|                   | Total ANTH, M               | laas record(s):         |  | 1            | 4,867         | 0              |            |            |
| Voor              | hies                        | Barbara                 |  |              |               |                |            |            |
|                   | UC MEXUS                    |                         |  | UC           |               |                |            |            |
|                   |                             |                         | Study of Prehistoric Subsistence and Transition to       | 2.7          | 1,500         | 0              | 11/1/2013  | 10/31/2014 |

REPORT DATE:

#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

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218,569

31,723

**Parameters:** Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: : **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Total ANTH, Voorhies record(s): 1 1,500 0 Total ANTHROPOLOGY - ANTH record(s) 8 2,435,837 431,637 CHICANA AND CHICANO STUDIES - CHST Garcia Mario **UC MEXUS** UC Chicano Power! The Sal Castro Memorial Bi-Annual Conference on the Emerging Historiography10.0 1,500 0 11/1/2013 10/31/2014 of the Chicano Movement Total CHST, Garcia record(s): 1 1,500 0 1 Total CHICANA AND CHICANO STUDIES - CHST record(s) 1,500 0 **ECONOMICS - ECON** Μ Iansa Ferreira NOT PROFIT Russell Sage Foundation What to Expect when they are Expecting: The Role of Expectations on Labor Market 40.0 4,065 5/1/2014 8/30/2014 0 Reciprocity **Total ECON, Ferreira record(s):** 1 4,065 0 Oprea Ryan David UC UC Santa Cruz Revealed Preferences and General Equilibrium in the Laboratory 20.0 58,853 20,514 5/1/2014 4/30/2017 1 58,853 20,514 Total ECON, Oprea record(s): Royer Heather NIH National Institute On Aging **FEDERAL** 6/15/2012 Commitment Contracts for Health-Behavior Change 10.0 172,213 15,965 5/31/2015 University Of Michigan (Incl William Davidson Institute) HIGHER ED The Impact of Community Health Centers on Access to Care and Health Outcomes 20.0 46,356 15,758 7/24/2012 5/31/2014

Total ECON, Rover record(s):

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|                          |                       |         | PROPOSALS AWARDED BY DEPARTMENT/PI                 | (By First PI's Home | Dept)         | REPORT D       | ATE:       | 7/15/2014  |
|--------------------------|-----------------------|---------|--|---------------------|---------------|----------------|------------|------------|
| Parameters:              |                       |         |  |                     |               |                |            |            |
| Dates (Award Approved) : | 7/1/2013              | TO:     | 6/30/2014  |                     |               |                |            |            |
| Report Totals:           |                       |         |  |                     |               |                |            |            |
| Record Count: :          | 934                   |         |  |                     |               |                |            |            |
| Total Support: :         | 208,882,613           |         |  |                     |               |                |            |            |
| Total Indirect Costs: :  | 43,872,798            |         |  |                     |               |                |            |            |
| College/Department/PI    | Sponsor/S             | posnor  | Category/Title                                     | PI % Time           | Total Support | Indirect Costs | Start date | End date   |
| Sonstelie                | Jon                   |         |  |                     |               |                |            |            |
| Lincoln In:              | stitute Of Land Polic | су      |  | NOT PROFIT          |               |                |            |            |
| California's             | s Parcel Tax          |         |  | 33.0                | 25,000        | 0              | 3/18/2014  | 12/31/2014 |
| Total ECO                | ON, Sonstelie reco    | ord(s): |  | 1                   | 25,000        | 0              |            |            |
| Total ECONOMICS -        | ECON record(s)        |         |  | 5                   | 306,487       | 52,237         |            |            |
| FEMINIST STUDIES - 1     | WSTD                  |         |  |                     |               |                |            |            |
| Harthorn                 | Barb                  | ara     | Herr   |                     |               |                |            |            |
| National S               | cience Foundation-I   | NSF     |  | FEDERAL             |               |                |            |            |
| NSEC: Cer                | nter for Nanotechno   | logy in | Society at University of California, Santa Barbara | 48.0                | 300,400       | 93,468         | 9/15/2010  | 8/31/2015  |
| Total WS                 | TD, Harthorn rec      | ord(s): |  | 1                   | 300,400       | 93,468         |            |            |
| Total FEMINIST STU       | JDIES - WSTD red      | ord(s)  |  | 1                   | 300,400       | 93,468         |            |            |
| SOCIOLOGY - SOCL         |                       |         |  |                     |               |                |            |            |
| Mohr                     | John                  |         | Н  |                     |               |                |            |            |
| American                 | Sociological Associa  | tion    |  | NOT PROFIT          |               |                |            |            |
| Measuring                | Culture               |         |  | 5.0                 | 2,000         | 0              | 9/1/2013   | 8/31/2014  |
| Total SO                 | CL, Mohr record(s     | s):     |  | 1                   | 2,000         | 0              |            |            |
| Raymond                  | Geof                  | frey    | Troy   |                     |               |                |            |            |
| Sri Interna              | ational (Incl Sarnoff | Corpor  | ation)   | NOT PROFIT          |               |                |            |            |
| Identifying              | Good Strangers: A     | Micro-  | Interactional Approach                             | 50.0                | 31,507        | 14,596         | 10/1/2011  | 11/16/2013 |
| Total SO                 | CL, Raymond reco      | ord(s): |  | 1                   | 31,507        | 14,596         | '          |            |
| Total SOCIOLOGY -        | SOCL record(s)        |         |  | 2                   | 33,507        | 14,596         |            |            |
| Social Sciences          |                       |         |  | 17                  | 3,077,731     | 591,938        |            |            |

**Total College of Letters & Science records:** 

62,821,704 14,068,230

356

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) 7/15/2014 REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

> DONALD BREN SCHOOL OF ENVIRONMENTAL SCIENCE & MANAGEMENT - ESMS Paul

Α

**Report Totals:** 

Record Count: 934 **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798

College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date

**Environmental Science and Management** 

Berkman

| DCIRITIAIT | r ddi //  |            |           |         |          |            |
|------------|---|------------|-----------|---------|----------|------------|
| Natio      | onal Science Foundation-NSF   | FEDERAL    |           |         |          |            |
| Holist     | tic Integration for Arctic Coastal-Marine Sustainability (HIACMS)   | 50.0       | 1,714,176 | 299,668 | 9/1/2013 | 8/31/2016  |
| Total      | l ESMS, Berkman record(s):  | 1          | 1,714,176 | 299,668 |          |            |
| Booth      | Derek Blake   | ,          |           |         |          |            |
| DA Ar      | rmy Engineers/Vicksburg District, Corps Of  | FEDERAL    |           |         |          |            |
| Web-       | Based Conceptual Model for Urban Stream Systems   | 40.0       | 54,036    | 8,048   | 9/1/2013 | 9/30/2014  |
| Total      | I ESMS, Booth record(s):  | 1          | 54,036    | 8,048   |          |            |
| Costello   | Christopher J   |            |           |         |          | _          |
| Waitt      | Family Foundation   | NOT PROFIT |           |         |          |            |
|            | ainable Ocean Solutions through Rights-Based Management, Fisheries Certification, and ne Protected Areas            | 10.0       | 600,000   | 0       | 1/1/2014 | 12/31/2014 |
| UC Se      | ea Grant College Program  | UC         | ,         |         |          |            |
|            | al and Economic Effects of ITQs on the West Coast Groundfish Fishery: Solving the Weak st/Bycatch Problem           | 10.0       | 54,755    | 18,613  | 2/1/2013 | 8/31/2014  |
| UC Se      | ea Grant College Program  | UC         | ,         |         |          |            |
|            | al and Economic Effects of ITQs on the West Coast Groundfish Fishery: Solving the Weak st/Bycatch Problem - Trainee | 1.0        | 41,148    | 0       | 2/1/2013 | 8/31/2014  |
| David      | d And Lucile Packard Foundation (The)   | NOT PROFIT |           |         |          |            |
| Globa      | al Fishery Status - Current Synthesis and Future Projections  | 5.0        | 65,000    | 4,239   | 7/1/2014 | 4/30/2015  |
| Walto      | on Family Foundation, Inc.  | NOT PROFIT |           |         |          |            |
|            |   |            |           |         |          |            |

1.0

5

65,000

825,903

8,478

31,330

7/1/2013

Total ESMS, Costello record(s):

Design principles for water markets: Application to the Colorado River Basin

6/30/2015

## OFFICE OF RESEARCH

|                        |           |                    |          | PROPOSALS AWARDED BY DEPARTMENT/PI (                                   | By First PI's Home | Dept)         | REPORT [       | DATE:      | 7/15/2014 |
|------------------------|-----------|--------------------|----------|--|--------------------|---------------|----------------|------------|-----------|
| Parameters:            |           |                    |          |  |                    |               |                |            |           |
| Dates (Award Approved) | :         | 7/1/2013           | TO:      | 6/30/2014  |                    |               |                |            |           |
| Report Totals:         |           |                    |          |  |                    |               |                |            |           |
| Record Count:          | :         | 934                |          |  |                    |               |                |            |           |
| Total Support:         | :         | 208,882,613        |          |  |                    |               |                |            |           |
| Total Indirect Costs:  | :         | 43,872,798         |          |  |                    |               |                |            |           |
| College/Department/PI  |           | Sponsor/S          | posnor   | Category/Title   | PI % Time          | Total Support | Indirect Costs | Start date | End date  |
| Davis                  |           | Franl              | (        | W  |                    |               |                |            |           |
| Gord                   | lon And   | Betty Moore Four   | dation   |  | NOT PROFIT         |               |                |            |           |
| Natu                   | ıreLab: N | NCEAS core suppo   | rt and   | capacity building  | 1.0                | 32,364        | 3,596          | 12/20/2012 | 8/30/2015 |
| USD                    | I FishaAı | nd Wildlife Servic | 9        |  | FEDERAL            |               |                |            |           |
|                        |           |                    |          | the Proposed Rule to list the Mexican Wolf as an e Gray Wolf Elsewhere | 2.0                | 7,950         | 683            | 11/18/2013 | 1/31/2014 |
| Tota                   | al ESMS   | , Davis record(s   | 5):      |  | 2                  | 40,314        | 4,279          |            |           |
| Dozier                 |           | Jeffre             | еу .     | С  |                    |               |                |            |           |
| NAS                    | A Shared  | d Services Center  | (NSSC)   |  | FEDERAL            |               |                |            |           |
| Erro                   | r Analysi | s of MODIS Fract   | ional Sr | now-Covered Area and Snow Albedo in Mountain Regi                      | ions. 5.0          | 21,881        | 4,712          | 6/24/2011  | 6/23/2015 |
| Tota                   | al ESMS   | , Dozier record    | (s):     |  | 1                  | 21,881        | 4,712          | ,          |           |
| Frew                   |           | Jame               | !S       | Е  |                    |               |                |            |           |
| Natio                  | onal Scie | ence Foundation-N  | ISF      |  | FEDERAL            |               |                |            |           |
| III:                   | Medium:   | Collaborative Re   | search:  | Citing Structured and Evolving Data.                                   | 2.0                | 250,364       | 67,531         | 8/1/2013   | 7/31/2016 |
| Univ                   | eristy In | dustry Research (  | Corpora  | tion   | NOT PROFIT         |               |                |            |           |
| Intel                  | Science   | and Technology     | Center   | for Big Data - ISTC-BD   | 1.0                | 62,000        | 17,911         | 10/1/2012  | 9/30/2014 |
| Univ                   | eristy In | dustry Research    | Corpora  | tion   | NOT PROFIT         |               |                |            |           |
| Intel                  | Science   | and Technology     | Center   | for Big Data - ISTC-BD   | 1.0                | 62,000        | 19,693         | 10/1/2012  | 9/30/2014 |
| Tota                   | al ESMS   | , Frew record(s    | ):       |  | 3                  | 374,364       | 105,135        |            |           |
| Geyer                  |           | Rolai              | nd       | <del></del>  |                    |               |                |            |           |
| Natio                  | onal Scie | ence Foundation-N  | ISF      |  | FEDERAL            |               |                |            |           |
| Disp                   | laced Pro | oduction Due to F  | leuse a  | nd Recycling: Theory Development and Case Studies                      | 50.0               | 126,333       | 38,520         | 8/15/2013  | 7/31/2016 |
| Tota                   | al ESMS   | , Geyer record(    | s):      |  | 1                  | 126,333       | 38,520         |            |           |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

|                      |                             |                                  |           |  |              | 17            |                |            | ,, _0, _0  |
|----------------------|-----------------------------|----------------------------------|-----------|--|--------------|---------------|----------------|------------|------------|
| Parameters:          |                             |                                  |           |  |              |               |                |            |            |
| Dates (Award Appro   | oved) :                     | 7/1/2013                         | TO:       | 6/30/2014  |              |               |                |            |            |
| Report Totals:       |                             |                                  |           |  |              |               |                |            |            |
| Record Count:        | •                           | 934                              |           |  |              |               |                |            |            |
| Total Support:       | :                           | 208,882,613                      |           |  |              |               |                |            |            |
| Total Indirect Costs | s: ;                        | 43,872,798                       |           |  |              |               |                |            |            |
| College/Departmen    | t/PI                        | Sponsor/S                        | Sposnor   | Category/Title                                       | PI % Time    | Total Support | Indirect Costs | Start date | End date   |
| Holde                | en                          | Patri                            | icia      | Α  |              |               |                |            |            |
|                      | Southern Ca                 | lif Coastal Water                | Researd   | ch Proj Auth, A Public Agency                        | STATE AND LO | OCAL          |                |            |            |
|                      |                             | on of DNA-based<br>urce Tracking | Fecal M   | arker Aging Characteristics for Use in Quantitative  | 2.0          | 194,209       | 0              | 1/1/2014   | 1/31/2016  |
|                      | Total ESMS                  | , Holden record                  | l(s):     |  | 1            | 194,209       | 0              |            |            |
| Keller               | r                           | Artu                             | ro        | Α  |              |               |                | ,          |            |
|                      | National Scie               | ence Foundation-                 | NSF       |  | FEDERAL      |               |                |            |            |
|                      | Second Susta                | ainable Nanotech                 | nology    | Conference (2013)                                    | 1.0          | 45,000        | 1,714          | 8/1/2013   | 7/31/2014  |
|                      | Cal Epa Toxi                | c Substances Cor                 | ntrol, De | epartment Of   | STATE AND LC | OCAL          |                |            |            |
|                      | Chemical Life               | e Cycle Database                 | and Vis   | sualization Tool                                     | 2.0          | 109,921       | 18,591         | 6/16/2014  | 8/31/2015  |
|                      | UC Los Ange                 | les                              |           |  | UC           |               |                |            |            |
|                      | CEIN-Predict<br>Environment |                                  | Assessi   | nent and Safe Implementation of Nanotechnology in th | e 2.0        | 1,129,052     | 368,548        | 9/1/2013   | 8/31/2014  |
|                      | UC Los Ange                 | les                              |           |  | UC           |               |                |            |            |
|                      | CEIN-Predict<br>Environment |                                  | Assessi   | nent and Safe Implementation of Nanotechnology in th | e 2.0        | 11,639        | 4,032          | 9/1/2013   | 8/31/2014  |
|                      | Electric Power              | er Research Instit               | tute      |  | NOT PROFIT   |               |                |            |            |
|                      | Publication o               | n "Use of InVEST                 | Γto eva   | luate ecosystem services"                            | 2.0          | 9,995         | 3,475          | 10/1/2013  | 7/31/2014  |
|                      | Electric Powe               | er Research Instit               | tute      |  | NOT PROFIT   |               |                | -          |            |
|                      | Modeling Nu                 | trient Credit Calc               | ulations  | in Ohio River Basin                                  | 2.0          | 20,000        | 6,798          | 11/1/2011  | 11/30/2014 |
|                      | Total ESMS                  | , Keller record(                 | (s):      |  | 6            | 1,325,607     | 403,158        |            |            |
| Kend                 | all                         | Bruc                             | e         | Е  |              |               |                |            |            |
|                      | National Scie               | ence Foundation-                 | NSF       |  | FEDERAL      |               |                |            |            |
|                      | Collaborative               | Research: Demo                   | ographi   | Heterogeneity in Landscapes and Communities          | 2.0          | 12,325        | 4,190          | 8/1/2011   | 7/31/2015  |
|                      | Total ESMS                  | , Kendall recor                  | d(s):     |  | 1            | 12,325        | 4,190          |            |            |

## OFFICE OF RESEARCH

| PROPOSALS AWARDED BY DEPARTMENT,  | PI (By First PI's Home | e Dept)       | REPORT D       | ATE:       | 7/15/2014  |
|---|------------------------|---------------|----------------|------------|------------|
| arameters:  |                        |               |                |            |            |
| ates (Award Approved) : 7/1/2013 TO: 6/30/2014  |                        |               |                |            |            |
| eport Totals:   |                        |               |                |            |            |
| ecord Count: : 934  |                        |               |                |            |            |
| otal Support: : 208,882,613   |                        |               |                |            |            |
| otal Indirect Costs: : 43,872,798   |                        |               |                |            |            |
| ollege/Department/PI Sponsor/Sposnor Category/Title   | PI % Time              | Total Support | Indirect Costs | Start date | End date   |
| Melack John M   |                        |               |                |            |            |
| Penn State University (Incl Penn State Research Foundation)   | HIGHER ED              |               |                |            |            |
| Scale-aware, Improved Hydrological and Biogeochemical Simulations of the Amazon l<br>Changing Climate.      | Jnder a 5.0            | 133,031       | 23,938         | 9/1/2013   | 8/31/2014  |
| Total ESMS, Melack record(s):   | 1                      | 133,031       | 23,938         |            |            |
| Plantinga Andrew  | '                      |               |                |            |            |
| Environmental Protection Agency   | FEDERAL                |               |                |            |            |
| Dissertation Workshops in Environmental Economics   | 2.0                    | 35,000        | 2,682          | 7/1/2011   | 6/30/2016  |
| Total ESMS, Plantinga record(s):  | 1                      | 35,000        | 2,682          |            |            |
| Suh Sangwon   |                        |               |                |            |            |
| Environmental Protection Agency   | FEDERAL                |               |                |            |            |
| NCCLC: Network for Rapid Assessment of Chemical Life Cycle Impact   | 10.0                   | 4,887,644     | 1,306,507      | 12/3/2013  | 11/30/2017 |
| Total ESMS, Suh record(s):  | 1                      | 4,887,644     | 1,306,507      |            |            |
| Tague Christina   |                        |               |                |            |            |
| USDI Geological Survey (Incl Natl Biological Service)   | FEDERAL                |               |                |            |            |
| The Western Mountain Initiative: Vulnerability and Adaptation to Climate Change in V<br>Mountain Ecosystems | Vestern 2.0            | 69,439        | 10,341         | 5/18/2010  | 6/30/2014  |
| USDI Geological Survey (Incl Natl Biological Service)   | FEDERAL                |               |                |            |            |
| The Western Mountain Initiative: Vulnerability and Adaptation to Climate Change in V<br>Mountain Ecosystems | Vestern 2.0            | 66,871        | 9,960          | 5/18/2010  | 6/30/2015  |
| UC Merced   | UC                     |               |                |            |            |
| Southern Sierra Critical Zone Observatory   | 2.0                    | 24,566        | 8,557          | 10/1/2013  | 9/30/2014  |
| Total ESMS, Tague record(s):  | 3                      | 160,876       | 28,858         |            |            |
| Total DONALD BREN SCHOOL OF ENVIRONMENTAL SCIENCE & MANAGEMENT - ESMS (s)                                   | record 28              | 9,905,699     | 2,261,025      |            |            |
| otal Environmental Science and Management records:  | 28                     | 9,905,699     | 2,261,025      |            |            |

### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE: 7/15/2014

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

 Record Count:
 :
 934

 Total Support:
 :
 208,882,613

 Total Indirect Costs:
 :
 43,872,798

College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date

Graduate School of Education

| Cosden | Merith  |                 |         |        |           |         |
|--------|---|-----------------|---------|--------|-----------|---------|
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        |           |         |
| Evalu  | uation of Substance Abuse Treatment Court (SATC)                                  | 5.0             | 26,660  | 9,580  | 7/1/2013  | 6/30/20 |
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        |           |         |
| UCSE   | B Evaluation of Family Treatment Drug Court: Children Affected by Methamphetamine | 10.0            | 50,000  | 2,906  | 7/1/2013  | 6/30/20 |
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        | ,         |         |
| Bridg  | ges to Recovery (B2R)   | 10.0            | 33,750  | 2,412  | 7/1/2013  | 6/30/20 |
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        |           |         |
| UCSE   | B Evaluation of Clean and Sober Drug Court  | 10.0            | 45,000  | 2,476  | 7/1/2013  | 6/30/20 |
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        | ,         |         |
| Evalu  | uation of Veteran's Treatment Court   | 10.0            | 48,288  | 2,896  | 10/1/2013 | 6/30/20 |
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        | ,         |         |
| Re-E   | Entry Drug Court  | 5.0             | 26,992  | 1,656  | 9/1/2013  | 8/30/20 |
| Good   | d Samaritan Shelter   | NOT PROFIT      |         |        |           |         |
| Fresh  | h Start program   | 10.0            | 50,650  | 2,845  | 10/1/2012 | 9/30/20 |
| Tota   | al CCSP, Cosden record(s):  | 7               | 281,340 | 24,771 |           |         |
| Felix  | Erika   |                 |         |        |           |         |
| NIH    | Child Health & Human Development, National Institute Of                           | FEDERAL         |         |        |           |         |
| Parei  | ent-Child Processes Affecting Long Term Post-Disaster Psychosocial Adjustment     | 15.0            | 76,708  | 26,729 | 4/15/2014 | 3/31/20 |
| Santa  | ta Barbara, County of   | STATE AND LOCAL |         |        |           |         |
| Evalu  | uation of Proposition 10-Funded Activities for Santa Barbara County               | 10.0            | 130,000 | 16,956 | 7/1/2014  | 6/30/20 |
| Tota   | al CCSP, Felix record(s):   | 2               | 206,708 | 43,685 |           |         |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: : Tot Tot

|                    | : 43,872,798   |                 |               |                |            |            |  |
|--------------------|--|-----------------|---------------|----------------|------------|------------|--|
| ollege/Department/ | PI Sponsor/Sposnor Category/Title  | PI % Time       | Total Support | Indirect Costs | Start date | End date   |  |
| Israel             | Tania  |                 |               |                |            |            |  |
| ĺ                  | Pacific Institute For Research & Eval (Incl Prevention Resch Ctr)  | NOT PROFIT      |               |                |            |            |  |
| <u> </u>           | Developing a Peer Advocate Intervention for Rural LGBT Populations   | 5.0             | 16,145        | 5,488          | 7/1/2011   | 6/30/2014  |  |
| •                  | Total CCSP, Israel record(s):  | 1               | 16,145        | 5,488          |            |            |  |
| Kia-ke             | ating Maryam   |                 |               |                |            |            |  |
| 1                  | VIH Child Health & Human Development, National Institute Of  | FEDERAL         |               |                |            |            |  |
| ļ                  | Preventing violence and racial disparities for Latino youth  | 15.0            | 29,996        | 0              | 8/1/2013   | 7/31/2014  |  |
|                    | Total CCSP, Kia-keating record(s):   | 1               | 29,996        | 0              |            |            |  |
| Koege              | Robert   |                 |               |                |            |            |  |
| ,                  | Autism Speaks (Frmly Nat'l Alliance For Autism Research)   | NOT PROFIT      |               |                |            |            |  |
|                    | The use of eye-tracking as an outcome measure for an innovative early social intervention for $\ensuremath{ASD}$ | 5.0             | 119,605       | 10,873         | 4/1/2014   | 3/30/2016  |  |
| ,                  | Autism Speaks (Frmly Nat'l Alliance For Autism Research)   | NOT PROFIT      |               |                |            |            |  |
| ]                  | mproving Social Conversation Abilities in Adults with ASD  | 3.0             | 5,000         | 500            | 2/1/2014   | 1/31/2015  |  |
|                    | Autism Speaks (Frmly Nat'l Alliance For Autism Research)   | NOT PROFIT      |               |                |            |            |  |
| <u> </u>           | Jsing fMRI to understand the Neural Mechanisms of Pivotal Response Treatment                                     | 5.0             | 29,500        | 0              | 6/1/2013   | 5/31/2015  |  |
| Č                  | Organization for Autism Research, Inc.   | NOT PROFIT      |               |                |            |            |  |
|                    | A Peer-Facilitated, Multi-Component Social Skills Intervention for Adolescents with ASD                          | 5.0             | 29,759        | 0              | 1/1/2014   | 12/31/2015 |  |
|                    | Total CCSP, Koegel record(s):  | 4               | 183,864       | 11,373         |            |            |  |
| Quirk              | Matthew  |                 |               |                |            |            |  |
|                    | Santa Barbara County Education Office  | STATE AND LOCA  | L             |                |            |            |  |
| 1                  | Evaluation of THRIVE Santa Barbara County Services   | 10.0            | 49,007        | 3,839          | 9/1/2013   | 6/30/2014  |  |
| :                  | Total CCSP, Quirk record(s):   | 1               | 49,007        | 3,839          |            |            |  |
| Sharke             | y Jill   |                 |               |                |            |            |  |
| (                  | Carpinteria, City Of   | STATE AND LOCAL |               |                |            |            |  |

OFFICE OF RESEARCH - PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) - REPORT 08-06-2

REPORT DATE:

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

Record Count: 934

| d Count:        | :                              | 934  |  |               |               |                |            |            |
|-----------------|--------------------------------|--|--|---------------|---------------|----------------|------------|------------|
| Support:        | :                              | 208,882,613                                    |  |               |               |                |            |            |
| Indirect Costs: | : :                            | 43,872,798                                     |  |               |               |                |            |            |
| je/Department,  | :/PI                           | Sponsor/Sposno                                 | or Category/Title                                | PI % Time     | Total Support | Indirect Costs | Start date | End date   |
|                 | Evaluation of C<br>Involvement | arpinteria CalGRIP to                          | Increase the Resiliency of Youth at risk of Gang | 13.0          | 30,000        | 0              | 1/1/2014   | 12/31/201  |
|                 | Santa Barbara,                 | County of                                      |  | STATE AND LOC | CAL           |                |            |            |
|                 | Reduction of Pa                | arolee Recidivism wit                          | h Local Probation Practices (SB 678)             | 5.0           | 53,204        | 2,450          | 7/1/2013   | 6/30/2014  |
|                 | Santa Barbara,                 | County of                                      |  | STATE AND LOC | CAL           |                |            |            |
|                 | Criminal Justice               | e Realignment (AB 10                           | 09)  | 5.0           | 67,326        | 3,852          | 7/1/2013   | 6/30/2014  |
|                 | Santa Barbara,                 | County of                                      |  | STATE AND LOC | CAL           |                |            |            |
|                 | Reduction of P                 | robation Recidivism v                          | vith Local Probation Practices (SB 678)          | 5.0           | 55,141        | 4,009          | 7/1/2014   | 6/30/2015  |
|                 | Santa Barbara,                 | County of                                      |  | STATE AND LO  | CAL           |                |            |            |
|                 | Evaluation of F                | emale-Specific Servic                          | es: Transforming the Juvenile Justice Approach t | to Girls 5.0  | 25,000        | 1,268          | 1/1/2014   | 12/31/2014 |
|                 | Santa Barbara,                 | County of                                      |  | STATE AND LO  | CAL           |                |            |            |
|                 | Criminal Justice               | e Realignment (AB 10                           | 09)  | 5.0           | 68,706        | 3,754          | 7/1/2014   | 6/30/2015  |
|                 | James S. Bowe                  | r Foundation                                   |  | NOT PROFIT    |               |                |            |            |
|                 |                                | ne Impact of Commu<br>atives to Violence       | nity-Based Individualized Programs to Help Youth | s Develop 5.0 | 15,420        | 1,325          | 7/8/2013   | 9/30/2014  |
|                 | Community Act                  | ion Commission of S                            | anta Barbara County                              | NOT PROFIT    |               |                |            |            |
|                 | Evaluation of L                | ompoc CalGRIP to Re                            | educe Gang Activity                              | 5.0           | 50,000        | 0              | 1/1/2014   | 12/31/2015 |
|                 | Community Act                  | ion Commission of S                            | anta Barbara County                              | NOT PROFIT    |               |                |            |            |
|                 |                                | anta Barbara CalGRI<br>sk for Gang Affiliation | P to Improve Juvenile Justice Outcomes for Youth | on 5.0        | 50,000        | 0              | 1/1/2014   | 12/31/2015 |
|                 | Total CCSP, S                  | harkey record(s):                              |  | 9             | 414,797       | 16,658         |            |            |
| Total DEPA      |                                | COUNSELING, CLI                                | NICAL, AND SCHOOL PSYCHOLOGY - CCSP r            | ecord(s) 25   | 1,181,857     | 105,814        | ,          |            |
| Brenn           | ner                            | Mary   | E  |               |               |                |            |            |
|                 | UC California M                | lath Project                                   |  | UC            |               |                |            |            |
|                 | UCSB Mathema                   | itics Project (NCLB 10                         | 0)   | 5.0           | 22,500        | 1,667          | 7/1/2013   | 6/30/2014  |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total Support: Total Indirect Costs | : 208,882,613<br>: 43,872,798   |            |               |                |            |           |
|-------------------------------------|---|------------|---------------|----------------|------------|-----------|
| College/Departmen                   |   | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
|                                     | UC California Math Project  | UC         |               |                |            |           |
|                                     | UCSB Mathematics Project (CSMP 13-14)   | 5.0        | 15,900        | 0              | 7/1/2013   | 6/30/2014 |
|                                     | UC Links (University-Community Links)   | UC         |               |                |            |           |
|                                     | UCSB UC Links   | 5.0        | 25,000        | 0              | 7/1/2013   | 6/30/2015 |
|                                     | Total EDUC, Brenner record(s):  | 3          | 63,400        | 1,667          |            |           |
| Dew                                 | r Tim Jay   |            |               |                |            |           |
|                                     | Natl Writing Project Corporation-Nwp  | NOT PROFIT |               |                |            |           |
|                                     | NWP Teacher Leadership Development 2014-16  | 5.0        | 10,000        | 1,000          | 5/1/2014   | 8/31/2016 |
|                                     | UC California Writing Project   | UC         |               |                |            |           |
|                                     | South Coast Writing Project (NCLB 10)   | 25.0       | 37,035        | 2,743          | 7/1/2013   | 6/30/2014 |
|                                     | UC Irvine   | UC         |               |                |            |           |
|                                     | The Pathway to Academic Success: A Cognitive Strategies Approach to Text-Based Analytical Writing to Improve Academic Outcomes for Secondary English Learners | 15.0       | 1,482,914     | 305,999        | 1/1/2014   | 6/30/2018 |
|                                     | UC California Writing Project   | UC         |               |                |            |           |
|                                     | South Coast Writing Project (CSMP 13-14)  | 5.0        | 24,000        | 0              | 7/1/2013   | 6/30/2015 |
|                                     | Total EDUC, Dewar record(s):  | 4          | 1,553,949     | 309,742        |            |           |
| Gree                                | Judith  |            |               |                |            |           |
|                                     | California State University, East Bay Foundation  | HIGHER ED  |               |                |            |           |
|                                     | Long Term and Futures Thinking Initiative   | 1.0        | 67,608        | 9,584          | 1/6/2014   | 9/17/2014 |
|                                     | Total EDUC, Green record(s):  | 1          | 67,608        | 9,584          |            |           |
| Harlo                               | v Danielle  |            |               |                |            |           |
|                                     | San Diego State University Research Foundation  | HIGHER ED  |               |                |            |           |
|                                     | Developing Large-Enrollment, Guided Inquiry, Conceptual Physics Course  | 5.0        | 3,608         | 1,226          | 8/1/2011   | 1/31/2014 |
|                                     | Total EDUC, Harlow record(s):   | 1          | 3,608         | 1,226          |            |           |
| Rom                                 | Laura   |            |               |                |            |           |
|                                     | NIH Office Of The Director  | FEDERAL    |               |                |            |           |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| EVIRTZ   | RESEA                      | RCH INSTIT                     | UTE - GSI                 | ER record(s)                       |                               | 1                             | 20,000                        | 0                             |                               |                               |
|----------|----------------------------|--------------------------------|---------------------------|------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Tota     | al GSER,                   | , Hernandez                    | record(s                  | ):                                 |                               | 1                             | 20,000                        | 0                             |                               |                               |
|          |                            | to Perceived I<br>cademic Pers |                           | paggressions: Impacts on Latitudes | ina/o Undergraduates' N       | Mental 100.0                  | 20,000                        | 0                             | 7/1/2013                      | 6/30/20:                      |
| UC A     | Accord Al                  | l Campus Col                   | laborative                | On Research For Diversity          |                               | UC                            |                               |                               |                               |                               |
| ernandez | Z                          | F                              | Rafael                    | Julio                              |                               |                               |                               |                               |                               |                               |
| Z RESEAF | RCH INS                    | TITUTE - GSI                   | ĒR                        |                                    |                               |                               |                               |                               |                               |                               |
| DUCATI   | ON - ED                    | OUC record(                    | s)                        |                                    |                               | 13                            | 2,288,621                     | 352,531                       |                               |                               |
| Tota     | al EDUC,                   | , Singer rec                   | ord(s):                   |                                    |                               | 1                             | 250,000                       | 6,481                         |                               |                               |
| ,        | ect Imple<br>lence disa    |                                | Preparing                 | highly skilled teachers of dive    | erse student with low         | 5.0                           | 250,000                       | 6,481                         | 9/1/2013                      | 8/31/201                      |
|          | Special Ed                 | ducation & Re                  | ehabilitatio              | n Servs, Assistant Secretary I     | -<br>or                       | FEDERAL                       |                               |                               |                               |                               |
| nger     |                            | (                              | George                    |                                    |                               | ,                             | ,                             | ,                             |                               |                               |
| Tota     | al EDUC,                   | , Rumberge                     | r record(s                | s):                                |                               | 1                             | 34,450                        | 3,132                         |                               |                               |
| The      | Hidden C                   | Costs of Out-                  | of-School S               | uspensions in California           |                               | 5.0                           | 34,450                        | 3,132                         | 11/1/2013                     | 12/31/201                     |
| UC L     | _os Angel                  | les                            |                           |                                    |                               | UC                            |                               |                               |                               |                               |
| umberger | er                         | F                              | Russell                   | W                                  |                               |                               |                               |                               |                               |                               |
|          |                            | , Romo reco                    |                           |                                    |                               | 2                             | 315,606                       | 20,699                        |                               |                               |
| Intec    | grating h                  | ealth and bio                  | ology in a s              | cience curriculum for Latino       | oreschoolers                  | 0.0                           | 233,198                       | 14,595                        | 7/1/2013                      | 6/30/201                      |
|          | NIH Office Of The Director |                                |                           |                                    |                               |                               |                               | 3,231                         | 57-7-5-5                      | -,,                           |
| Inter    | aratina H                  | lealth and Bio                 | ology in a S              | Science Curriculum for Latino      | Preschoolers                  | 15.0                          | 82,408                        | 6,104                         | 9/1/2013                      | 6/30/201                      |
| nent/PI  |                            | Spons                          | or/Sposnor                | · Category/Title                   |                               | PI % Time                     | Total Support                 | Indirect Costs                | Start date                    | End dat                       |
| osts:    | :                          | 43,872,7                       | 98                        |                                    |                               |                               |                               |                               |                               |                               |
|          | :                          | 208,882,6                      | 13                        |                                    |                               |                               |                               |                               |                               |                               |
|          | т                          | :<br>:<br>:                    | : 208,882,6<br>: 43,872,7 | : 208,882,613<br>: 43,872,798      | : 208,882,613<br>: 43,872,798 | : 208,882,613<br>: 43,872,798 | : 208,882,613<br>: 43,872,798 | : 208,882,613<br>: 43,872,798 | : 208,882,613<br>: 43,872,798 | : 208,882,613<br>: 43,872,798 |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE: 7/15/2014

|                       |            |                                      |          | I KOI OOALO AWAKDED DI DEI AKTIMENT/11 (D                     | , se . <b>.</b> s | , Dept,       | INEI OILI E    | 7 ( I L .  | 7/13/2011 |
|-----------------------|------------|--------------------------------------|----------|---|-------------------|---------------|----------------|------------|-----------|
| Parameters:           |            |                                      |          |   |                   |               |                |            |           |
| Dates (Award Approved | d) :       | 7/1/2013                             | TO:      | 6/30/2014   |                   |               |                |            |           |
| Report Totals:        |            |                                      |          |   |                   |               |                |            |           |
| Record Count:         | :          | 934                                  |          |   |                   |               |                |            |           |
| Total Support:        | :          | 208,882,613                          |          |   |                   |               |                |            |           |
| Total Indirect Costs: | :          | 43,872,798                           |          |   |                   |               |                |            |           |
| College/Department/PI |            | Sponsor/S                            | Sposnor  | Category/Title  | PI % Time         | Total Support | Indirect Costs | Start date | End date  |
| Organized Research Un | its        |                                      |          |   |                   |               |                |            |           |
| CALIFORNIA NA         | ANOSYST    | EMS INSTITUTE                        | - CNSI   |   |                   |               |                |            |           |
| Daniels               |            | Don                                  |          | Roger   |                   |               | ,              |            |           |
| UC                    | Pacific R  | im Research Prog                     | ıram     |   | UC                |               |                |            |           |
| The                   | e History  | of the Sogeram L                     | anguag   | e Family of Papua New Guinea                                  | 100.0             | 9,818         | 0              | 7/1/2013   | 9/30/2014 |
| Arc                   | adia Fun   | d                                    |          |   | NOT PROFIT        |               |                |            |           |
| Doo                   | cumentin   | g the Sogeram La                     | anguage  | e Family of Papua New Guinea                                  | 10.0              | 29,135        | 0              | 9/1/2013   | 8/31/2015 |
| Tot                   | tal CNSI   | , Daniels record                     | d(s):    |   | 2                 | 38,953        | 0              |            |           |
| Total CALIFO          | RNIA NA    | ANOSYSTEMS II                        | NSTITU   | TTE - CNSI record(s)  | 2                 | 38,953        | 0              |            |           |
| EARTH RESEAR          | CH INST    | ITUTE - ERTH                         |          |   |                   |               |                |            |           |
| Clarke                |            | Brian                                | n        | Α   |                   |               |                |            |           |
| Nat                   | tional Sci | ence Foundation-                     | NSF      |   | FEDERAL           |               |                |            |           |
|                       |            | e Research: Differnyons of the Color |          | ng Between Lithologic and Baselevel Controls on River<br>teau | 0.1               | 25,549        | 5,272          | 9/1/2013   | 8/31/2015 |
| To                    | tal ERTI   | l, Clarke record                     | (s):     |   | 1                 | 25,549        | 5,272          |            |           |
| Florsheim             | 1          | Joan                                 | 1        | Leslie  |                   |               |                |            |           |
| Nat                   | tional Sci | ence Foundation-                     | NSF      |   | FEDERAL           |               |                |            |           |
|                       |            | e Research: RAPI<br>nvironments      | D: Shor  | t-and Long-term Sediment Dynamics Following Wildfire          | in 5.0            | 16,764        | 3,459          | 9/15/2013  | 8/31/2015 |
| Cal                   | EPA Wa     | ter Control Board                    |          |   | STATE AND LO      | CAL           |                |            |           |
| Sar                   | n Gregori  | o Creek Watershe                     | ed Sedin | nent Budget   | 50.0              | 100,000       | 20,000         | 3/6/2014   | 6/30/2015 |
| To                    | tal ERTI   | l, Florsheim rec                     | ord(s):  |   | 2                 | 116,764       | 23,459         |            |           |
| Hess                  |            | Laur                                 | а        | L   |                   |               |                |            |           |
| Virg                  | ginia Poly | technic Institute                    |          |   | HIGHER ED         |               |                |            |           |
|                       |            |                                      |          |   |                   |               |                |            |           |

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## PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total Support:<br>Total Indirect Costs | : 208,882,613<br>: 43,872,798  |           |               |                |            |           |
|--|--|-----------|---------------|----------------|------------|-----------|
| College/Department                     | t/PI Sponsor/Sposnor Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date  |
|  | Impacts of floods and droughts on aquatic macrophytes, forests, and fisheries of central Amazonian river floodplains                               | 33.0      | 171,137       | 59,320         | 1/14/2014  | 1/13/2015 |
|  | NASA Shared Services Center (NSSC)   | FEDERAL   |               |                |            |           |
|  | Land and Resource Use on the Amazon Floodplain Under Evolving Management Systems and Environmental Change: Fish, Forests, Cattle, and Settlements. | 17.0      | 283,277       | 27,291         | 1/6/2012   | 1/5/2015  |
|  | NASA Shared Services Center (NSSC)   | FEDERAL   |               |                |            |           |
|  | Land and Resource Use on the Amazon Floodplain Under Evolving Management Systems and Environmental Change: Fish, Forests, Cattle, and Settlements. | 17.0      | 241,299       | 19,300         | 1/6/2012   | 1/5/2015  |
|  | NASA Shared Services Center (NSSC)   | FEDERAL   |               |                | '          |           |
|  | Land and Resource Use on the Amazon Floodplain Under Evolving Management Systems and Environmental Change: Fish, Forests, Cattle, and Settlements. | 17.0      | 100,000       | 9,635          | 1/6/2012   | 1/5/2015  |
|  | Total ERTH, Hess record(s):  | 4         | 795,713       | 115,546        |            |           |
| Jacks                                  | on Matthew   |           |               |                |            |           |
|  | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|  | Constraining mantle flow between Samoa and the northern Lau and N. Fiji Basins with geochemistry and geodynamics                                   | 1.0       | 392           | 136            | 9/2/2013   | 3/31/2014 |
|  | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|  | Isotopic diversity in Mangaia melt inclusions: Mantle source or crustal assimilation?  | 1.0       | 99,395        | 34,564         | 9/2/2013   | 1/31/2015 |
|  | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|  | Collaborative Research: Using the Rurutu hotspot to evaluate mantle motion and absolute pla motion models  | te1.0     | 184,293       | 58,578         | 7/1/2013   | 9/30/2015 |
|  | National Science Foundation-NSF  | FEDERAL   |               |                | ,          |           |
|  | Collaborative Research: The role of oxygen fugacity in calc-alkaline differentiation and the creation of continental crust at the Aleutian arc     | 1.0       | 8,783         | 3,061          | 8/1/2014   | 7/31/2017 |
|  | National Science Foundation-NSF  | FEDERAL   |               |                |            |           |
|  | Collaborative Research: Using sulfur isotopes to identify subducted Archean crust in modern oceanic hotspot lavas                                  | 1.0       | 111,566       | 38,847         | 6/1/2014   | 5/31/2015 |
|  | Total ERTH, Jackson record(s):   | 5         | 404,429       | 135,186        |            |           |

REPORT DATE:

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

|                       |                           |  |          | PROPOSALS AWARDED BY DEPARTMENT/PI (                           | DY FIIST PLS HOIII | e Debr)       | KLPUKIL        | AIL.       | 7/15/2014 |
|-----------------------|---------------------------|--|----------|--|--------------------|---------------|----------------|------------|-----------|
| Parameters:           |                           |  |          |  |                    |               |                |            |           |
| Dates (Award Appro    | ved) :                    | 7/1/2013                                   | TO:      | 6/30/2014  |                    |               |                |            |           |
| Report Totals:        |                           |  |          |  |                    |               |                |            |           |
| Record Count:         | :                         | 934  |          |  |                    |               |                |            |           |
| Total Support:        | :                         | 208,882,613                                |          |  |                    |               |                |            |           |
| Total Indirect Costs: | : :                       | 43,872,798                                 |          |  |                    |               |                |            |           |
| College/Department    | /PI                       | Sponsor/S                                  | Sposnor  | Category/Title   | PI % Time          | Total Support | Indirect Costs | Start date | End date  |
| Marito                | orena                     | Step                                       | hane     |  |                    |               |                |            |           |
|                       | NASA Misce                | llaneous Centers                           |          |  | FEDERAL            |               |                |            |           |
|                       | Creating Un               | ified Ocean Color                          | Data Re  | ecords With Uncertainties                                      | 33.0               | 232,556       | 68,477         | 5/15/2013  | 5/14/2017 |
|                       | NASA Share                | d Services Center                          | (NSSC)   |  | FEDERAL            |               |                |            |           |
|                       | From UV to                | Fluorescence, a S                          | Semi-An  | alytical Ocean Color Model for MODIS and Beyond                | 17.0               | 92,730        | 31,522         | 2/8/2011   | 2/7/2015  |
|                       | Total ERTH                | I, Maritorena re                           | cord(s   | ):   | 2                  | 325,286       | 99,999         |            |           |
| Nelson                | n                         | Norr                                       | man      | В  |                    |               |                |            |           |
|                       | East Carolin              | a University                               |          |  | HIGHER ED          |               |                |            |           |
|                       | A workshop<br>organic mat |  | / measu  | rement of the spectral absorption of color dissolved           | 2.0                | 7,662         | 2,654          | 8/9/2013   | 8/8/2015  |
|                       | NASA Share                | d Services Center                          | (NSSC)   |  | FEDERAL            |               |                |            |           |
|                       | Ocean color               | observations on                            | CLIVAR   | Opportunities in 2014 and 2015                                 | 17.0               | 170,000       | 48,050         | 3/26/2014  | 3/25/2016 |
|                       | Total ERTH                | l, Nelson record                           | l(s):    |  | 2                  | 177,662       | 50,704         |            |           |
| Ohlma                 | ann                       | J  |          | Carter   |                    |               |                |            |           |
|                       | Oregon Stat               | te University                              |          |  | HIGHER ED          |               |                |            |           |
|                       | DYNAmics c                | of the Madden-Juli                         | ian Osci | llation / DYNAMO Subsurface Fluxes                             | 25.0               | 53,355        | 18,137         | 3/15/2011  | 8/30/2014 |
|                       | Total ERTH                | l, Ohlmann reco                            | ord(s):  |  | 1                  | 53,355        | 18,137         |            |           |
| Rood                  |                           | Dyla                                       |          | Н  |                    |               |                |            |           |
|                       |                           | gical Survey (Incl                         |          | -  | FEDERAL            |               |                |            |           |
|                       |                           | Uplift and Incisior<br>e Agricultural Coll |          | Yakima River Terraces: Collaborative Research with W<br>d UCSB | WU,2.0             | 27,406        | 5,655          | 6/1/2014   | 5/31/2015 |
|                       | Total ERTI                | l, Rood record(                            | s):      |  | 1                  | 27,406        | 5,655          |            |           |
| Shi                   |                           | Jian                                       | cheng    |  |                    |               |                |            |           |
|                       | University C              | of Washington                              |          |  | HIGHER ED          |               |                |            |           |
|                       |                           |  |          |  |                    |               |                |            |           |

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Record Count:         | •            | 93 <del>4</del>                                     |  |           |               |                |            |            |
|-----------------------|--------------|---|--|-----------|---------------|----------------|------------|------------|
| Total Support:        | :            | 208,882,613   |  |           |               |                |            |            |
| Total Indirect Costs: | :            | 43,872,798  |  |           |               |                |            |            |
| College/Department/   | PI           | Sponsor/Sposne                                      | or Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date   |
|                       |              | ysical Radiative Transfe<br>al Snow at X band and I | r Models and Retrieval Algorithms for Radar Remote Sensi<br>Ku band            | ng3.0     | 7,000         | 2,379          | 6/20/2011  | 6/19/2014  |
| ī                     | Total ERTH   | l, Shi record(s):                                   |  | 1         | 7,000         | 2,379          |            |            |
| Sorlien               | 1            | Christophe  | er C   |           |               |                |            |            |
| l                     | JSDI Geolo   | gical Survey (Incl Natl E                           | Biological Service)  | FEDERAL   |               |                |            |            |
|                       |              | eformation History of t<br>ted Folds in Santa Barb  | he Pitas Point-North Channel-Red Mountain Fault System ara Channel, California | 33.0      | 55,713        | 11,496         | 1/1/2014   | 6/30/2015  |
| N                     | National Sci | ence Foundation-NSF                                 |  | FEDERAL   |               |                |            |            |
| 9                     | Subsidence,  | Tilting, Sedimentation,                             | and Oligocene-middle Miocene paleo-depth of Ross Sea                           | 18.0      | 155,539       | 32,095         | 1/1/2014   | 12/31/2016 |
| 1                     | Total ERTI   | I, Sorlien record(s):                               |  | 2         | 211,252       | 43,591         |            |            |
| Steidl                |              | Jamison   |  |           |               |                |            |            |
| N                     | Northeaster  | n University  |  | HIGHER ED |               |                |            |            |
| Ī                     | nduced-Pa    | tial Saturation Through                             | Transport and Reactivity for Liquefaction Mitigation.                          | 0.0       | 31,519        | 10,714         | 10/1/2011  | 9/30/2015  |
| F                     | Purdue Univ  | ersity  |  | HIGHER ED |               |                | ,          |            |
| <u>N</u>              | NEES Conso   | ortium Operations: 2004                             | I-2014   | 2.0       | 44,803        | 8,537          | 10/1/2009  | 9/30/2014  |
| F                     | Purdue Univ  | ersity  |  | HIGHER ED |               |                | ,          |            |
| <u>N</u>              | NEES Conso   | ortium Operations: 2004                             | I-2014   | 41.7      | 37,636        | 7,311          | 10/1/2009  | 9/30/2013  |
| F                     | Purdue Univ  | ersity  |  | HIGHER ED |               |                |            |            |
| N                     | NEES Conso   | ortium Operations: 2004                             | I-2014   | 2.0       | 45,897        | 10,800         | 10/1/2009  | 9/30/2014  |
| _<br>F                | Purdue Univ  | ersity  |  | HIGHER ED |               |                | 1          |            |
| N                     | NEES Conso   | ortium Operations: 2004                             | I-2014   | 2.0       | 372,633       | 86,498         | 10/1/2009  | 9/30/2014  |
| F                     | Purdue Univ  | ersity  |  | HIGHER ED |               |                |            |            |
| N                     | NEES Conso   | ortium Operations: 2004                             | l-2014   | 2.0       | 83,768        | 20,451         | 10/1/2009  | 9/30/2014  |
| 7                     | Total ERTI   | I, Steidl record(s):                                |  | 6         | 616,256       | 144,311        |            |            |

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Parameters: 7/1/2013 6/30/2014 Dates (Award Approved) : TO: **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Thorsch Jennifer National Science Foundation-NSF **FEDERAL** Collaborative Proposal: Harnessing the Power of Herbarium Specimens to Understand the 5.0 35,696 4,045 9/1/2010 8/31/2015 Changing Flora of a Biodiversity Hotspot in Peril Cal Coastal Conservancy STATE AND LOCAL Kids in Nature Explore the Coast 5.0 25,000 2,211 6/10/2014 9/30/2015 2 Total ERTH, Thorsch record(s): 60,696 6,256 Total EARTH RESEARCH INSTITUTE - ERTH record(s) 29 2,821,368 650,495 EARTH RESEARCH INSTITUTE (CCBER) - CBER Elisa Stratton **NOT PROFIT Outhwaite Foundation** Ellwood-Devereux Connecting the Community & Nature 2.0 10,000 0 1/1/2014 1/31/2015 1 10,000 0 **Total CBER, Stratton record(s):** Thorsch Jennifer NFAH Inst Of Museum And Library Services **FEDERAL** Digitization of the UCSB Vascular Plant Collection. 10.0 99,374 9/30/2014 33,694 10/1/2013 National Science Foundation-NSF **FEDERAL** Collaborative Proposal: Harnessing the Power of Herbarium Specimens to Understand the 5.0 29,240 9/1/2010 3,568 8/30/2015 Changing Flora of a Biodiversity Hotspot in Peril Total CBER, Thorsch record(s): 2 128,614 37,262 Total EARTH RESEARCH INSTITUTE (CCBER) - CBER record(s) 3 138,614 37,262 INSTITUTE FOR SOCIAL, BEHAVIORAL, & ECONOMIC RESEARCH - ISBE Brandon Kuczenski Department of Resources Recycling and Recovery (CalRecycle) STATE AND LOCAL An Online Tool for Public Review of Used Oil LCA Results 75.0 269,162 9/17/2013 9/15/2015 53,833 Department of Resources Recycling and Recovery (CalRecycle) STATE AND LOCAL

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

**Report Totals:** 

|                 | Total QUAI              | l, Van der veen recor                            | 1(3).   |            |               |                |            |          |
|-----------------|-------------------------|--|---|------------|---------------|----------------|------------|----------|
|                 | Takal OLIAN             | l Van dar vaan rassr                             | 1(e):   | 4          | 95,200        | 29,164         |            |          |
|                 | NASA Summ               | er of Innovation: Plank                          | Mission Education and Outreach                              | 1.0        | 2,500         | 0              | 7/1/2013   | 8/15/20  |
|                 | Paragon TEC             |  |   | INDUSTRY   |               |                |            |          |
|                 | The Planck \<br>Mission | /isualization Project: Ed                        | ucation and Public Outreach Effort of the U.S. Planck       | 55.0       | 38,850        | 12,222         | 10/1/2009  | 3/11/20  |
|                 | Jet Propulsio           | n Laboratory-JPL                                 |   | NOT PROFIT |               |                |            |          |
|                 | The Planck \<br>Mission | /isualization Project: Ed                        | ucation and Public Outreach Effort of the U.S. Planck       | 55.0       | 38,850        | 12,222         | 10/1/2009  | 3/11/2   |
|                 | Jet Propulsio           | n Laboratory-JPL                                 |   | NOT PROFIT |               |                |            |          |
|                 | The Planck \<br>Mission | /isualization Project: Ed                        | ucation and Public Outreach Effort of the U.S. Planck       | 55.0       | 15,000        | 4,720          | 10/1/2009  | 3/11/20  |
|                 | Jet Propulsio           | n Laboratory-JPL                                 |   | NOT PROFIT |               |                |            |          |
| Van d           | er veen                 | Jatila   |   |            |               |                |            |          |
|                 |                         | RTZ SCIENCE & TECHN                              | L, & ECONOMIC RESEARCH - ISBE record(s)  OLOGY - QUAN       | 4          | 554,908       | 103,918        |            |          |
|                 |                         | Walker record(s):                                |   | 2          | 158,012       | 24,537         |            |          |
|                 |                         |  | ork-Life Satisfaction in the UC System                      | 10.0       | 67,000        | 5,757          | 1/1/2014   | 12/31/20 |
|                 | Elsevier Fou            | ndation  |   | NOT PROFIT |               |                |            |          |
|                 |                         | silience and Sustainable<br>Coast Fishing Commun | Seafood Supply: Assessing Direct Marketing Approach<br>ties | nes 5.0    | 91,012        | 18,780         | 2/1/2013   | 1/31/20  |
|                 |                         | t College Program                                |   | UC         |               |                |            |          |
| Walke           | er                      | Barbara  | Louise<br>ende  |            |               |                |            |          |
|                 | Total ISBE,             | Kuczenski record(s)                              |   | 2          | 396,896       | 79,381         |            |          |
|                 | An Online To            | ool for Public Review of                         | Jsed Oil LCA Results  | 75.0       | 127,734       | 25,548         | 9/17/2013  | 9/15/20  |
| ge/Department   | /PI                     | Sponsor/Sposnor                                  | Category/Title  | PI % Time  | Total Support | Indirect Costs | Start date | End da   |
| Indirect Costs: | :                       | 43,872,798                                       |   |            |               |                |            |          |
| Support:        | :                       | 208,882,613                                      |   |            |               |                |            |          |
| rd Count:       | :                       | 934  |   |            |               |                |            |          |

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

|                       |                             |                                     | , (_ ,     |               |                | – .        | .,,        |
|-----------------------|-----------------------------|-------------------------------------|------------|---------------|----------------|------------|------------|
| ameters:              |                             |                                     |            |               |                |            |            |
| es (Award Approved) : | 7/1/2013 TO                 | : 6/30/2014                         |            |               |                |            |            |
| ort Totals:           |                             |                                     |            |               |                |            |            |
| ord Count: :          | 934                         |                                     |            |               |                |            |            |
| al Support: :         | 208,882,613                 |                                     |            |               |                |            |            |
| al Indirect Costs: :  | 43,872,798                  |                                     |            |               |                |            |            |
| ege/Department/PI     | Sponsor/Sposn               | or Category/Title                   | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| KAVLI INST FOR THEO   | RETICAL PHYSICS - ITP       | Н                                   |            |               |                |            |            |
| Balents               | Leon                        |                                     |            |               |                |            |            |
| Gordon Ar             | d Betty Moore Foundation    | on                                  | NOT PROFIT |               |                |            |            |
| Theoretica            | l Named Postdoctoral Fe     | llow and Visiting Scientist Program | 5.0        | 1,536,000     | 170,667        | 4/3/2014   | 4/30/2019  |
| Total ITP             | H, Balents record(s):       |                                     | 1          | 1,536,000     | 170,667        |            |            |
| Bildsten              | Lars                        |                                     |            |               |                |            |            |
| National S            | cience Foundation-NSF       |                                     | FEDERAL    |               |                |            |            |
| Kavli Instit          | tute for Theoretical Physi  | cs                                  | 90.0       | 4,615,000     | 900,625        | 2/1/2012   | 10/31/2016 |
| National S            | cience Foundation-NSF       |                                     | FEDERAL    |               |                |            |            |
| Kavli Instit          | tute for Theoretical Physi  | cs                                  | 90.0       | 980,000       | 191,000        | 2/1/2012   | 10/31/2016 |
| Total ITP             | H, Bildsten record(s):      |                                     | 2          | 5,595,000     | 1,091,625      |            |            |
| Shraiman              | Boris                       | I.                                  |            |               |                |            |            |
| NIH Gener             | ral Medical Sciences, Nat   | onal Institute Of                   | FEDERAL    |               |                |            |            |
| KITP Inter            | disciplinary Biology Initia | tive                                | 10.0       | 164,160       | 12,160         | 4/1/2014   | 3/31/2015  |
| NIH Gener             | ral Medical Sciences, Nat   | onal Institute Of                   | FEDERAL    |               |                |            |            |
| KITP Inter            | disciplinary Biology Initia | tive                                | 0.1        | 158,414       | 11,734         | 4/1/2013   | 3/31/2014  |
|                       | H, Shraiman record(s        |                                     | 2          | 322,574       | 23,894         |            |            |
| Total KAVLI INST FO   | OR THEORETICAL PHY          | SICS - ITPH record(s)               | 5          | 7,453,574     | 1,286,186      |            |            |
| MARINE SCIENCE INS    |                             |                                     | ,          |               |                |            |            |
| Ballerini             | Evangelin                   | e                                   |            |               |                |            |            |
|                       | al Medical Sciences, Nat    |                                     | FEDERAL    |               |                |            |            |
|                       | the Genetic Basis of Ada    | <u> </u>                            | 100.0      | 53,942        | 0              | 8/1/2013   | 7/31/2014  |
| Total MS              | II, Ballerini record(s):    |                                     | 1          | 53,942        | 0              |            |            |
| Blanchette            | Carol                       | А                                   |            |               |                |            |            |
| UC Santa              | Cruz                        |                                     | UC         |               |                |            |            |
|                       |                             |                                     |            |               |                |            |            |

#### **OFFICE OF RESEARCH**

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

UC

5.0

10.0

2

**NOT PROFIT** 

11,965

32,400

44,365

1,469

6,686

8,155

2/1/2013

4/11/2014

Parameters: Dates (Award Approved) : 7/1/2013 TO: 6/30/2014 **Report Totals:** 934 Record Count: **Total Support:** 208,882,613 **Total Indirect Costs:** 43,872,798 College/Department/PI Sponsor/Sposnor Category/Title PI % Time Total Support Indirect Costs Start date End date Characterization of Rocky Intertidal, Kelp Forest and Deep Rocky and Sandy Ecosystems at San25.0 39,500 5,883 9/1/2012 8/31/2014 Clemente Island - yr 2 Oregon State University HIGHER ED 25.0 Understanding the California Current Large Marine Ecosystem under Climate Change: 232,045 30,267 1/1/2014 12/31/2014 Delivering Sound Science for Policy, 2014 Total MSII, Blanchette record(s): 2 271,545 36,150 Brzezinski Mark Α **NOT PROFIT** Dauphin Island Sea Lab Collaborative Research: Understanding the role of picocyanobacteria in the marine silicate cycle5.0 36,219 12,588 7/1/2013 11/30/2014 Total MSII, Brzezinski record(s): 1 36,219 12,588 Ε Caselle Jennifer Marisla Foundation (Frmly Homeland Foundation) **NOT PROFIT** Coral Reef Research in a Rare, Undisturbed Ecosystem: UCSB and Palmyra Atoll 31.0 175,000 3/30/2012 3/30/2015 0 Total MSII, Caselle record(s): 1 175,000 0 Churchill Celia K.c. Australian Museum **INDUSTRY** Interactions Between a Crustacean and an Alga: The First Marine Arthropod with Photobionts? 8.0 9,654 4/1/2014 3/31/2015 (Ostracoda: Philomedidae) Total MSII, Churchill record(s): 1 9,654 0 S Culver Carolynn

Assisting with Quagga Mussel Management Activities at Lake Piru

UC Sea Grant College Program

Sea Grant Extension Program Funds

United Water Conservation District

Total MSII, Culver record(s):

1/31/2014

9/30/2014

## OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE: 7/15/2014

|                        |           |                                     |          |   | ,         |               |                | – .        | .,,        |
|------------------------|-----------|-------------------------------------|----------|---|-----------|---------------|----------------|------------|------------|
| Parameters:            |           |                                     |          |   |           |               |                |            |            |
| Dates (Award Approved) | :         | 7/1/2013                            | TO:      | 6/30/2014   |           |               |                |            |            |
| Report Totals:         |           |                                     |          |   |           |               |                |            |            |
| Record Count:          | :         | 934                                 |          |   |           |               |                |            |            |
| Total Support:         | :         | 208,882,613                         |          |   |           |               |                |            |            |
| Total Indirect Costs:  | :         | 43,872,798                          |          |   |           |               |                |            |            |
| College/Department/PI  |           | Sponsor/S                           | Sposnor  | Category/Title  | PI % Time | Total Support | Indirect Costs | Start date | End date   |
| Dudley                 |           | Thor                                | nas      | L   |           |               |                |            |            |
| USD                    | [ FishaA  | nd Wildlife Servic                  | e        |   | FEDERAL   |               |                |            |            |
|                        |           |                                     |          | ne Santa Clara River Reserve: A Proposal to Develop a Education Station | 8.0       | 125,000       | 18,617         | 11/29/2010 | 12/20/2015 |
| Tota                   | I MSII,   | Dudley record                       | (s):     |   | 1         | 125,000       | 18,617         | '          |            |
| <br>Dugan              |           | Jenif                               | er       | Elaine  |           |               |                |            |            |
| USD                    | Nation    | al Park Service                     |          |   | FEDERAL   |               |                |            |            |
| Wav                    | e-Expos   | ed Sandy Beach 1                    | invertel | orate Staining and Mark-Recapture                                       | 5.0       | 50,000        | 7,447          | 7/15/2013  | 7/25/2015  |
| UC S                   | ea Gran   | t College Prograr                   | n        |   | UC        |               |                |            |            |
|                        |           | al State of Northotion for MPA Asse |          | fornia's Sandy Beaches and Surf Zones: A Baseline                       | 7.3       | 45,000        | 7,601          | 2/1/2014   | 1/31/2017  |
| Tota                   | I MSII,   | Dugan record(                       | (s):     |   | 2         | 95,000        | 15,048         | '          |            |
| Engle                  |           | John                                | l        | Marlin  |           |               |                | ,          |            |
| UC S                   | anta Cr   | uz                                  |          |   | UC        |               |                |            |            |
| Shor                   | eline As  | sessment of Char                    | nges in  | Southern California Rocky Intertidal Communities                        | 35.9      | 8,663         | 1,788          | 4/14/2010  | 4/30/2015  |
| Tota                   | I MSII,   | Engle record(s                      | s):      |   | 1         | 8,663         | 1,788          |            |            |
| Herbst                 |           | Davi                                | d        | В   | ,         |               |                |            |            |
| USD                    | : FishaA  | nd Wildlife Servic                  | e        |   | FEDERAL   |               |                |            |            |
| Walk                   | er Lake   | Cooperative Res                     | earch, A | nug-Dec 2013  | 50.0      | 60,000        | 8,936          | 8/14/2012  | 6/30/2014  |
| Tota                   | I MSII,   | Herbst record                       | (s):     |   | 1         | 60,000        | 8,936          | 1          |            |
| Knapp                  |           | Rola                                | nd       | A   |           |               |                |            |            |
| USD                    | Geolog    | ical Survey (Incl                   | Natl Bio | ological Service)   | FEDERAL   |               |                |            |            |
| Fact                   | ors influ | encing the reintro                  | duction  | success of the endangered mountain yellow-legged for                    | og 10.0   | 18,000        | 2,681          | 7/1/2013   | 6/30/2014  |
| USD                    | Geolog    | jical Survey (Incl                  | Natl Bio | logical Service)  | FEDERAL   |               |                | '          |            |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

Parameters:

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total Support: Total Indirect Costs | : 208,882,613<br>s: : 43,872,798  |              |               |                |            |           |
|-------------------------------------|---|--------------|---------------|----------------|------------|-----------|
| College/Departmer                   |   | PI % Time    | Total Support | Indirect Costs | Start date | End date  |
|                                     | Factors influencing the reintroduction success of the endangered mountain yellow-legged fro 2nd increment   | g -8.0       | 21,000        | 3,128          | 7/1/2013   | 9/30/2015 |
|                                     | Cal EPA Water Control Board   | STATE AND LO | CAL           |                |            |           |
|                                     | Assessment of Bacterial Water Quality in the Lahontan Region: A study to provide data on bacterial indicator concentrations and sources of bacteria in surface waters | 30.0         | 295,200       | 32,611         | 4/7/2014   | 3/31/2016 |
|                                     | Total MSII, Knapp record(s):  | 3            | 334,200       | 38,420         |            |           |
| Leste                               | er Sarah Elizabeth  |              |               |                |            |           |
|                                     | UC Sea Grant College Program  | UC           |               |                |            |           |
|                                     | Maximizing the value of offshore aquaculture development in the context of multiple ocean uses - CORE   | 55.0         | 320,587       | 107,953        | 9/1/2013   | 8/31/2014 |
|                                     | UC Sea Grant College Program  | UC           |               |                | ,          |           |
|                                     | Maximizing the value of offshore aquaculture development in the context of multiple ocean uses - Trainee  | 1.0          | 36,824        | 0              | 9/1/2013   | 8/31/2014 |
|                                     | Nature Conservancy  | NOT PROFIT   |               |                | ,          |           |
|                                     | Economic Benefits of Proposed Marine Protected Areas in the Bahamas   | 5.0          | 25,000        | 5,159          | 10/4/2013  | 8/29/2014 |
|                                     | Rare  | NOT PROFIT   |               |                | ,          |           |
|                                     | Fish Forever: Subaward from MacArthur Foundation  | 40.0         | 83,146        | 10,845         | 6/1/2013   | 5/31/2015 |
|                                     | Total MSII, Lester record(s):   | 4            | 465,557       | 123,957        |            |           |
| Love                                | Milton S  |              |               |                |            |           |
|                                     | USDI Minerals Management Service  | FEDERAL      |               |                |            |           |
|                                     | Renewable Energy in situ Power Cable Observation  | 1.0          | 283,265       | 42,188         | 9/22/2011  | 9/30/2015 |
|                                     | USDI Minerals Management Service  | FEDERAL      |               |                |            |           |
|                                     | Analysis of Fish Population at Platforms off Summerland, California   | 13.5         | 100,000       | 14,894         | 6/4/2012   | 5/31/2015 |
|                                     | USDI Minerals Management Service  | FEDERAL      |               |                |            |           |
|                                     | Analysis of Fish Population at Platforms off Summerland, California   | 8.3          | 25,000        | 3,723          | 6/4/2012   | 5/31/2015 |
|                                     | Total MSII, Love record(s):   | 3            | 408,265       | 60,805         | ,          |           |

REPORT DATE:

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE:

|                     |   |           | 17            |                |            | .,,        |
|---------------------|---|-----------|---------------|----------------|------------|------------|
| Parameters:         |   |           |               |                |            |            |
| Dates (Award App    | oved) : 7/1/2013 TO: 6/30/2014  |           |               |                |            |            |
| Report Totals:      |   |           |               |                |            |            |
| Record Count:       | : 934   |           |               |                |            |            |
| Total Support:      | : 208,882,613   |           |               |                |            |            |
| Total Indirect Cost | s: : 43,872,798   |           |               |                |            |            |
| College/Departmen   | t/PI Sponsor/Sposnor Category/Title   | PI % Time | Total Support | Indirect Costs | Start date | End date   |
| Муе                 | s Monique   |           |               |                |            |            |
|                     | COM National Oceanic And Atmospheric Administration   | FEDERAL   |               |                |            |            |
|                     | Santa Barbara Area Coastal Ecosystem Vulnerability Assessment for Local Communities                               | 20.0      | 99,999        | 13,245         | 7/1/2013   | 1/31/2015  |
|                     | COM Economic Development Administration   | FEDERAL   |               |                |            |            |
|                     | Santa Barbara Area Coastal Ecosystem Vulnerability Assessment   | 5.0       | 178,721       | 36,847         | 9/1/2013   | 8/31/2015  |
|                     | Total MSII, Myers record(s):  | 2         | 278,720       | 50,092         |            |            |
| Nich                | olson Craig C   |           |               |                |            |            |
|                     | USDI Geological Survey (Incl Natl Biological Service)   | FEDERAL   |               |                |            |            |
|                     | Continuing to Map the 3D Geometry of Active Faults in Southern California   | 16.7      | 49,996        | 17,376         | 12/1/2013  | 11/30/2014 |
|                     | University of Southern California (Incl Kenneth Norris, Jr Cancer Ctr)  | HIGHER ED |               |                | '          |            |
|                     | Updating Active 3D Fault Geometry in Special Fault Study Areas and Improving the SCEC Community Fault Model (CFM) | 20.0      | 35,000        | 12,124         | 2/1/2013   | 1/31/2016  |
|                     | Total MSII, Nicholson record(s):  | 2         | 84,996        | 29,500         |            |            |
| Page                | Henry M   | '         |               |                |            |            |
|                     | USDI Minerals Management Service  | FEDERAL   |               |                |            |            |
|                     | Understanding the Role of Offshore Structures in Managing Potential Watersipora Invasion                          | 20.0      | 230,266       | 34,295         | 7/1/2013   | 5/31/2016  |
|                     | USDI Minerals Management Service  | FEDERAL   |               |                |            |            |
|                     | Understanding the Role of Offshore Structures in Managing Potential Watersipora Invasion                          | s 20.0    | 208,657       | 31,077         | 7/1/2013   | 5/31/2016  |
|                     | Simpson And Simpson Business And Personnel Services, Inc.   | INDUSTRY  |               |                | ,          |            |
|                     | San Onofre Nuclear Generating Station Mitigation Project Monitoring Program                                       | 50.0      | 4,715,399     | 822,948        | 1/1/2014   | 12/31/2015 |
|                     | Total MSII, Page record(s):   | 3         | 5,154,322     | 888,320        |            |            |
| Pass                | ow Uta  |           |               |                |            |            |
|                     | University Of Mississippi   | HIGHER ED |               |                |            |            |
|                     | Ecosystem Impacts of Oil and Gas Inputs to the Gulf (ECOGIG)  | 40.0      | 245,599       | 83,487         | 9/1/2011   | 12/31/2014 |
|                     | Total MSII, Passow record(s):   | 1         | 245,599       | 83,487         |            |            |

### OFFICE OF RESEARCH

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| Parameters:            |   |          |     |
|------------------------|---|----------|-----|
| Dates (Award Approved) | : | 7/1/2013 | TO: |
| Report Totals:         |   |          |     |

6/30/2014

Report Totals:

934 Record Count: :

| Total Support:<br>Total Indirect Costs: | :<br>:     | 208,882,613<br>43,872,798                    |  |            |               |                |            |            |
|---|------------|--|--|------------|---------------|----------------|------------|------------|
| College/Department/PI                   |            | Sponsor/Sposnor                              | Category/Title                                       | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| Rassweile                               | er         | Andrew                                       | James  |            |               |                |            |            |
| UC                                      | Santa Cru  | IZ   |  | UC         |               |                |            |            |
| Med                                     | diterranea | n Coast Network Kelp Fo                      | prest Monitoring: Protocol Review and Data Synthesis | 41.0       | 34,000        | 5,064          | 8/30/2013  | 12/31/2016 |
| Tot                                     | tal MSII,  | Rassweiler record(s)                         | :  | 1          | 34,000        | 5,064          |            |            |
| Reed Reed                               |            | Daniel                                       | С  |            |               |                |            |            |
| Nati                                    | ional Scie | nce Foundation-NSF                           |  | FEDERAL    |               |                |            |            |
| LTE                                     | R: Land/   | Ocean Interactions and                       | the Dynamics of Kelp Forest Communities, yr 2        | 16.0       | 964,000       | 191,302        | 12/1/2012  | 11/30/2018 |
| Nati                                    | ional Scie | nce Foundation-NSF                           |  | FEDERAL    |               |                |            |            |
| LTE                                     | R: Land/   | Ocean Interactions and                       | the Dynamics of Kelp Forest Communities: REU support | 10.0       | 16,000        | 3,200          | 12/1/2012  | 11/30/2018 |
| UC                                      | Sea Gran   | t College Program                            |  | UC         |               |                |            |            |
| The                                     | Spread a   | and Ecological Conseque                      | nces of the Invasive Seaweed Sargassum homeri        | 8.3        | 85,850        | 29,846         | 2/1/2014   | 1/31/2015  |
| Tot                                     | tal MSII,  | Reed record(s):                              |  | 3          | 1,065,850     | 224,348        |            |            |
| Schildhau                               | ier        | Mark   | P  |            |               |                |            | _          |
| Univ                                    | versity Of | Arizona                                      |  | HIGHER ED  |               |                |            |            |
|   |            | Collaboration to Build the rameworks - mod 6 | ne BIEN and Environment & Organisms Working Groups   | 5.0        | 61,715        | 12,735         | 3/1/2011   | 12/31/2013 |
| Tot                                     | tal MSII,  | Schildhauer record(s                         | ):   | 1          | 61,715        | 12,735         |            |            |
| Schroeter                               | -          | Stephen                                      | С  |            |               |                |            |            |
| Cali                                    | ifornia Se | a Urchin Commission                          |  | NOT PROFIT |               |                |            |            |
| Stud                                    | dies of Se | ea Urchins Settlement in                     | Southern and Northern California                     | 2.0        | 8,400         | 764            | 7/1/2006   | 6/30/2014  |
| Tot                                     | tal MSII,  | Schroeter record(s):                         |  | 1          | 8,400         | 764            |            |            |
| Total MARINE                            | SCIENC     | E INSTITUTE - MSII r                         | ecord(s)   | 37         | 9,021,012     | 1,618,774      |            |            |

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

**Parameters:** 

Dates (Award Approved) : 7/1/2013 TO: 6/30/2014

Report Totals:

934 Record Count: :

| Total Support:<br>Total Indirect Costs | :                     | 208,882,613<br>43,872,798   |                 |               |                |            |            |
|--|-----------------------|---|-----------------|---------------|----------------|------------|------------|
| College/Departmen                      | nt/PI                 | Sponsor/Sposnor Category/Title  | PI % Time       | Total Support | Indirect Costs | Start date | End date   |
| MARINE SC                              | CIENCE INSTI          | TUTE (NCEAS) - NCEA   |                 |               |                |            |            |
| Halpe                                  | ern                   | Benjamin S  |                 |               |                |            |            |
|  | United Natio          | ns Educational, Scientific, & Cultural Org (Unesco)(Intl)   | NOT PROFIT      |               |                |            |            |
|  | GEF Transbo<br>oceans | oundary Waters Assessment Programme: large marine ecosystems and c  | pen 6.0         | 36,900        | 7,376          | 10/15/2013 | 12/31/2013 |
|  | United Natio          | ns Educational, Scientific, & Cultural Org (Unesco)(Intl)   | NOT PROFIT      |               |                | ·          |            |
|  | GEF Transbo<br>oceans | oundary Waters Assessment Programme: large marine ecosystems and c  | pen 5.0         | 123,233       | 23,806         | 2/26/2014  | 11/14/2014 |
|  | Total NCEA            | , Halpern record(s):  | 2               | 160,133       | 31,182         |            |            |
| Jones                                  | s                     | Matthew   |                 |               |                | ·          |            |
|  | National Scie         | ence Foundation-NSF   | FEDERAL         |               |                |            |            |
|  | Collaborative         | e Project: Software Sustainability: an SI2 PI Workshop  | 8.0             | 13,635        | 1,172          | 1/15/2014  | 12/31/2014 |
|  | University O          | f New Mexico  | HIGHER ED       |               |                |            |            |
|  | DataNetONE            | : Observation Network for Earth - year 5  | 25.0            | 735,267       | 220,719        | 8/1/2009   | 7/31/2014  |
|  | Total NCEA            | , Jones record(s):  | 2               | 748,902       | 221,891        |            |            |
| Карр                                   | pel                   | Carrie  |                 |               |                | ·          |            |
|  | Gordon And            | Betty Moore Foundation  | NOT PROFIT      |               |                |            |            |
|  | Ecosystem T           | hresholds and Indicators for Marine Spatial Planning, Year 2  | 75.0            | 1,047,242     | 61,754         | 8/17/2012  | 10/28/2016 |
|  | Total NCEA            | , Kappel record(s):   | 1               | 1,047,242     | 61,754         |            |            |
| Schile                                 | dhauer                | Mark  |                 |               |                |            |            |
|  | National Scient       | ence Foundation-NSF   | FEDERAL         |               |                |            |            |
|  |                       | e Project: EarthCube Domain End-User Workshop: Developing a Communistructure Needs for Coral Reef Systems Science | nity Vision 4.0 | 65,760        | 5,388          | 8/1/2013   | 7/31/2014  |
|  | University O          | f Arizona   | HIGHER ED       |               |                |            |            |
|  | The iPlant Co         | ollaborative: Cyberinfrastructure for the Life Sciences   | 5.0             | 86,110        | 17,769         | 9/1/2013   | 1/31/2014  |
|  | University O          | f Arizona   | HIGHER ED       |               |                | '          |            |
|  | The iPlant Co         | ollaborative: Cyberinfrastructure for the Life Sciences   | 5.0             | 79,767        | 16,460         | 9/1/2013   | 8/31/2014  |
| OFFICE OF DECEAR                       | SCIL PROPO            | CALC AMARDED DV DEDARTMENT/DI (D., Finst DIIs Harra Daret) DEDAR  | T 00 06 2       |               |                |            | 112 -£ 110 |

REPORT DATE:

### OFFICE OF RESEARCH

PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept) REPORT DATE: 7/15/2014

| otal Organized Resea  | rch U    | nits records:                  |         |  | 96         | 22,989,010 | 4,282,042             |            |            |
|-----------------------|----------|--------------------------------|---------|--|------------|------------|-----------------------|------------|------------|
| Total NEUROSC         | TENC     | E RESEARCH INS                 | STITUT  | E - NRII record(s)                                   | 4          | 677,467    | 201,799               |            |            |
|                       |          | I, Raven record(               | _       |  | 1          | 3,200      | 0                     |            |            |
|                       |          |                                |         | ging Workshop 2014                                   | 1.0        | 3,200      | 0                     | 1/14/2014  | 1/17/201   |
| •                     | •        | orporation of Amer             |         |  | INDUSTRY   |            |                       |            |            |
| Raven                 |          | Mary                           |         |  |            |            |                       |            |            |
| Tota                  | INRI     | I, Radeke record               | (s):    |  | 1          | 60,000     | 0                     |            |            |
| Drug                  | Discov   | ery for Macular Di             | isease  |  | 5.0        | 60,000     | 0                     | 7/1/2013   | 6/30/201   |
| UC R                  | iversid  | e                              |         |  | UC         |            |                       |            |            |
| Radeke                |          | Mont                           | te      |  |            |            |                       |            |            |
| Tota                  | I NRII   | I, Lapointe recor              | d(s):   |  | 1          | 12,500     | 0                     | '          |            |
| Ident                 | ificatio | on and Structural C            | haracte | rization of Neurotoxic, Trans-Synaptic Tau Oligomers | 9.0        | 12,500     | 0                     | 11/1/2013  | 10/31/2014 |
| Santa                 | a Barba  | ara Cottage Hospit             | al      |  | NOT PROFIT |            |                       |            |            |
| <br>Lapointe          |          | Nich                           | ole     |  | ,          |            |                       | ı          |            |
|                       |          | I, Jordan record(              |         | •  | 1          | 601,767    | 201,799               |            |            |
| Mech                  | anisms   | s of microtubule-ta            | rgeted  | drug-induced neuropathy                              | 15.0       | 601,767    | 201,799               | 1/24/2014  | 1/23/2016  |
| Eisai                 | Resea    | rch Institute                  |         |  | INDUSTRY   |            |                       |            |            |
| Jordan                |          | Mary                           |         | A  |            |            |                       |            |            |
|                       |          | RCH INSTITUTE -                |         | ,  | •          | _/         | 55 1,111              |            |            |
|                       |          |                                |         | ) - NCEA record(s)                                   |            | 2,187,914  | 354,444               |            |            |
| ollege/Department/PI  | LNCE     | Sponsor/S<br>A, Schildhauer re | •       | Category/Title                                       | PI % Time  | 231,637    | Indirect Costs 39,617 | Start date | End date   |
| otal Indirect Costs:  | :        | 43,872,798                     |         | C. A.            | DT 0/ T    | T.10 .     |                       | <u> </u>   |            |
| otal Support:         | :        | 208,882,613                    |         |  |            |            |                       |            |            |
| ecord Count:          | :        | 934                            |         |  |            |            |                       |            |            |
| eport Totals:         |          |                                |         |  |            |            |                       |            |            |
| ates (Award Approved) | :        | 7/1/2013                       | TO:     | 6/30/2014  |            |            |                       |            |            |
| arameters:            |          |                                |         |  |            |            |                       |            |            |

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PROPOSALS AWARDED BY DEPARTMENT/PI (By First PI's Home Dept)

REPORT DATE: 7/15/2014

| ameters:   |            |               |                |            |            |
|--|------------|---------------|----------------|------------|------------|
| es (Award Approved) : 7/1/2013 TO: 6/30/2014     |            |               |                |            |            |
| ort Totals:                                      |            |               |                |            |            |
| ord Count: 934                                   |            |               |                |            |            |
| al Support: : 208,882,613                        |            |               |                |            |            |
| al Indirect Costs: : 43,872,798                  |            |               |                |            |            |
| ege/Department/PI Sponsor/Sposnor Category/Title | PI % Time  | Total Support | Indirect Costs | Start date | End date   |
| er   |            |               |                |            |            |
| ARTS & LECTURES - ALEC                           |            |               |                |            |            |
| Billeci Hajda Celesta                            |            |               |                |            |            |
| NFAH Arts, National Endowment For The            | FEDERAL    |               |                |            |            |
| Against the Grain: Mavericks in the Arts         | 1.0        | 20,000        | 1,718          | 6/1/2013   | 5/31/2014  |
| NFAH Arts, National Endowment For The            | FEDERAL    |               |                |            |            |
| UCSB Arts & Lectures: Innovative Performances    | 1.0        | 20,000        | 1,718          | 1/1/2014   | 12/31/2014 |
| Total ALEC, Billeci Hajda record(s):             | 2          | 40,000        | 3,436          |            |            |
| Total ARTS & LECTURES - ALEC record(s)           | 2          | 40,000        | 3,436          |            |            |
| DAVIDSON LIBRARY - LIBR                          |            |               |                |            |            |
| Seubert David C                                  |            |               |                | ,          |            |
| Library Of Congress                              | FEDERAL    |               |                |            |            |
| National Jukebox Digitizing Phase 3              | 1.0        | 80,000        | 27,125         | 9/27/2013  | 9/26/2014  |
| Packard Humanities Institute (The)               | NOT PROFIT |               |                | -          |            |
| AMERICAN DISCOGRAPHY PROJECT                     | 10.0       | 500,000       | 45,454         | 5/1/2014   | 12/31/2015 |
| Total LIBR, Seubert record(s):                   | 2          | 580,000       | 72,579         |            |            |
| Witherell Elizabeth Hall                         |            |               |                |            |            |
| National Endowment for the Humanities-NEH        | FEDERAL    |               |                |            |            |
| The Writings of Henry D. Thoreau: Correspondence | 75.0       | 15,000        | 4,719          | 9/1/2011   | 8/31/2014  |
| Total LIBR, Witherell record(s):                 | 1          | 15,000        | 4,719          |            |            |
| Total DAVIDSON LIBRARY - LIBR record(s)          | 3          | 595,000       | 77,298         |            |            |
| GRADUATE DIVISION - GRAD                         |            |               |                |            |            |
| Genetti Carol E                                  |            |               |                |            |            |
| ED Miscellaneous Agencies                        | FEDERAL    |               |                |            |            |

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Report Totals:

 Record Count:
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 Total Support:
 :
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 Total Indirect Costs:
 :
 43,872,798

| e/Department/PI      | Sponsor/Sposnor Category/Title                      | PI % Time  | Total Support | Indirect Costs | Start date | End date  |
|----------------------|---|------------|---------------|----------------|------------|-----------|
| Jacob Javits         | Graduate Fellowship                                 | 1.0        | 44,422        | 0              | 9/1/2012   | 8/31/201  |
| ED Miscellan         | eous Agencies                                       | FEDERAL    |               |                |            |           |
| Fulbright-Ha         | ys Doctoral Dissertation Research Abroad Fellowship | 1.0        | 84,478        | 0              | 10/1/2013  | 3/31/201  |
| ED Miscellan         | eous Agencies                                       | FEDERAL    |               |                |            |           |
| US Departme          | ent of Education Jacob K Javits Graduate Fellowship | 1.0        | 44,724        | 0              | 8/15/2013  | 8/14/201  |
| ED Miscellan         | eous Agencies                                       | FEDERAL    |               |                |            |           |
| Jacob Javits         | Graduate Fellowship                                 | 1.0        | 302           | 0              | 9/1/2013   | 8/31/2014 |
| National Scie        | nce Foundation-NSF                                  | FEDERAL    |               |                |            |           |
| NSF Graduat          | e Research Fellowship Program                       | 1.0        | 2,513,667     | 0              | 8/15/2011  | 7/31/2016 |
| National Scie        | nce Foundation-NSF                                  | FEDERAL    |               |                |            |           |
| NSF Graduat          | e Research Fellowship Program                       | 0.0        | 1,498,667     | 0              | 8/15/2011  | 7/31/2016 |
| Natl Researc         | h Council   | NOT PROFIT |               |                |            |           |
| NRC Ford             |   | 1.0        | 12,000        | 0              | 9/30/2013  | 9/29/2014 |
| Total GRAD           | , Genetti record(s):                                | 7          | 4,198,260     | 0              |            |           |
| Total GRADUATE DIVI  | SION - GRAD record(s)                               | 7          | 4,198,260     | 0              |            |           |
| NATURAL RESERVE SYST | TEM - NRSS  |            |               |                |            |           |
| Laughrin             | Lyndal L  | ,          |               |                | ,          |           |
| USDI Nation          | al Park Service                                     | FEDERAL    |               |                |            |           |
| Research Bib         | liography for Channel Islands National Park         | 16.0       | 6,037         | 899            | 8/1/2013   | 8/30/2014 |
| Total NRSS           | , Laughrin record(s):                               | 1          | 6,037         | 899            |            |           |
| Total NATURAL RESER  | VE SYSTEM - NRSS record(s)                          | 1          | 6,037         | 899            |            |           |
| ORFALEA FAMILY CHILD | ren's Center - Chld                                 |            |               |                |            |           |

Cal Department Of Education

STATE AND LOCAL

7/15/2014

REPORT DATE:

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|----------------------|--|--------------|---------------|----------------|------------|-----------|
| 2                    | 013-2014 California Department of Education CSPP                           | 0.1          | 110,030       | 0              | 7/1/2013   | 6/30/2014 |
| C                    | Cal Department Of Education  |              | CAL           |                |            |           |
| 2                    | 013-2014 California Department of Education, General Child Care            | 0.1          | 94,286        | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 012-2013 California Department of Education, General Child Care, CCTR-2289 | 0.0          | 12,840        | 0              | 7/1/2012   | 6/30/2013 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 012-2013 California Department of Education CSPP                           | 0.1          | 988           | 0              | 7/1/2012   | 6/30/2013 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 013-2014 California Department of Education, General Child Care, CCTR-3272 | 0.1          | 30,227        | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 013-2014 California Department of Education, General Child Care, CCTR-3272 | 0.1          | 63,271        | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 012-2013 California Department of Education, General Child Care, CCTR-2289 | 0.1          | 4,671         | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 012-2013 California Department of Education CSPP-2545                      | 0.1          | 653           | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 2                    | 012-2013 California Department of Education CSPP-2545                      | 0.1          | 359           | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |
| 20                   | 013-2014 California Department of Education, General Child Care, CCTR-3272 | 0.1          | 99            | 0              | 7/1/2013   | 6/30/2014 |
| С                    | Cal Department Of Education  |              | CAL           |                |            |           |
| 2                    | 013-2014 California Department of Education, General Child Care            | 0.1          | 9,295         | 0              | 7/1/2013   | 6/30/2014 |
| C                    | Cal Department Of Education  |              | CAL           |                |            |           |
| 2                    | 013-2014 California Department of Education CSPP                           | 0.1          | 12,969        | 0              | 7/1/2013   | 6/30/2014 |
| C                    | Cal Department Of Education  |              | CAL           |                |            |           |
| 20                   | 013-2014 California Department of Education CSPP-3528                      | 0.1          | 27,146        | 0              | 7/1/2013   | 6/30/2014 |
| C                    | al Department Of Education   | STATE AND LO | CAL           |                |            |           |

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Report Totals:

Record Count: 934 Total Su 208 882 613 Tot

| Total STUDE   | ENT HEALT  | H SERVICE - STHL record(s)        |                                   | 3               | 58,000        | 4,998          |            |          |  |
|---|--|-----------------------------------|-----------------------------------|-----------------|---------------|----------------|------------|----------|--|
| Ī   | Γotal STHL,  | Feliciano record(s):              |                                   | 3               | 58,000        | 4,998          |            |          |  |
|   | Education and Outreach to Students, Property Managers and Other Isla Vista Community Stakeholders on Binge Drinking Prevention |                                   |                                   | 100.0           | 45,000        | 3,867          | 7/1/2013   | 6/30/20  |  |
| S   | Tobacco Cessation for Special Populations Santa Barbara, County of   |                                   |                                   | STATE AND LO    | OCAL          |                |            |          |  |
| Ţ   |  |                                   |                                   | 100.0           | 3,000         | 272            | 7/1/2013   | 6/30/201 |  |
| S   | Santa Barbara, County of   |                                   | STATE AND LOCAL                   |                 |               |                |            |          |  |
|   | Education and Outreach to Students, Property Managers and Other Isla Vista Community Stakeholders on Binge Drinking Prevention |                                   |                                   | 1.0             | 10,000        | 859            | 7/1/2013   | 6/30/20: |  |
| S   | Santa Barbar   | a, County of                      |                                   | STATE AND LO    | CAL           |                |            |          |  |
| Felician  |  | Edwin                             |                                   |                 |               |                |            |          |  |
| Total ORFALEA FAMILY CHILDREN'S CENTER - CHLD record(s) STUDENT HEALTH SERVICE - STHL |  | 17                                | 420,002                           | U               |               |                |            |          |  |
| Total CHLD, Voss record(s):   |  | 17<br>17                          | 420,002<br>420,002                | 0               |               |                |            |          |  |
| _   |  | <u> </u>                          | on, General Child Care, CCTR-2289 | 0.1             | 8,489         | 0              | 7/1/2012   | 6/30/201 |  |
|   | •  | ent Of Education                  |                                   | STATE AND LO    |               |                |            |          |  |
| _   |  | alifornia Department of Education | on CSPP-3528                      | 0.1             | 4,637         | 0              | 7/1/2013   | 6/30/201 |  |
| C   | Cal Departme   | ent Of Education                  |                                   | STATE AND LOCAL |               |                |            |          |  |
| 2013-2014 California Department of Education CSPP-3528                                |  |                                   |                                   | 0.0             | 42            | 0              | 7/1/2013   | 6/30/201 |  |
| C   | Cal Departme   | ent Of Education                  |                                   | STATE AND LO    | )CAL          |                |            |          |  |
| 2   | 2013-2014 CI   | DE Child Care and Adult Care Fo   | ood Program                       | 0.0             | 40,000        | 0              | 10/1/2013  | 9/30/20  |  |
| ge/Department/I   | PI   | Sponsor/Sposnor Catego            | ry/Title                          | PI % Time       | Total Support | Indirect Costs | Start date | End dat  |  |
| I Indirect Costs:   | :  | 43,872,798                        |                                   |                 |               |                |            |          |  |
| l Support:  | :  | 208,882,613                       |                                   |                 |               |                |            |          |  |

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| Total Other records:         |  | 34        | 5,392,299     | 86,631         |            |            |
|------------------------------|--|-----------|---------------|----------------|------------|------------|
| Total VC STUDEN              | Total VC STUDENT AFFAIRS - VCST record(s) 1 75,000 0 |           |               |                |            |            |
| Total VCST, Young record(s): |  | 1         | 75,000        | 0              |            |            |
| Statewi                      | Statewide Student Mental Health Services             |           | 75,000        | 0              | 8/1/2011   | 10/31/2014 |
| UC Office Of The President   |  | UC        |               |                |            |            |
| Young                        | Michael D  |           |               |                |            |            |
| VC STUDENT AFFAI             | RS - VCST  |           |               |                |            |            |
| College/Department/PI        | Sponsor/Sposnor Category/Title                       | PI % Time | Total Support | Indirect Costs | Start date | End date   |

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