

**Received by the Regents  
July 17, 2014**

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
July 1, 2013 through June 30, 2014

The awards detailed in this list were established July 1, 2013 through June 30, 2014. The dollar values depict the best available estimate of the funding the University should receive over the life of the award. These values may be modified as additional data become available relative to future funding prospects. These modifications are not reported in the attached list. As a result, the dollar values of awards presented in this list will differ from the year-end totals. The full amount of an award is recorded in the year in which it was established. Often these funds are expended over several years, making comparisons between awards and expenditures somewhat misleading. Research expenditures are presented here to provide a trend line for the current fiscal year.

|   | Number of Awards<br>FY 2013 | Number of Awards<br>FY 2014 | % Change | Value of Awards<br>FY 2013 | Value of Awards<br>FY 2014 | % Change |
|---|-----------------------------|-----------------------------|----------|----------------------------|----------------------------|----------|
| Total Awards Processed<br>(June)              | 270                         | 258                         | -4.4%    | \$ 61,095,480              | \$ 87,942,344              | 43.9%    |
| Research Awards                               | 152                         | 166                         | 9.2%     | \$ 49,386,457              | \$ 70,923,661              | 43.6%    |
| Research Training                             | 24                          | 41                          | 70.8%    | \$ 3,847,312               | \$ 6,376,291               | 65.7%    |
| Other Sponsored Activity                      | 94                          | 51                          | -45.7%   | \$ 7,861,711               | \$ 10,642,392              | 35.4%    |
| <hr/>   |                             |                             |          |                            |                            |          |
| Total Awards Processed<br>Fiscal Year to Date | 2,931                       | 3,106                       | 6.0%     | \$ 1,072,750,601           | \$ 987,443,490             | -8.0%    |
| Research Awards                               | 1,741                       | 1,819                       | 4.5%     | \$ 896,224,651             | \$793,738,602              | -11.4%   |
| Research Training                             | 147                         | 179                         | 21.8%    | \$ 55,377,449              | \$ 54,230,310              | -2.1%    |
| Other Sponsored Activity                      | 1,043                       | 1,108                       | 6.2%     | \$ 121,148,501             | \$ 139,474,578             | 15.1%    |

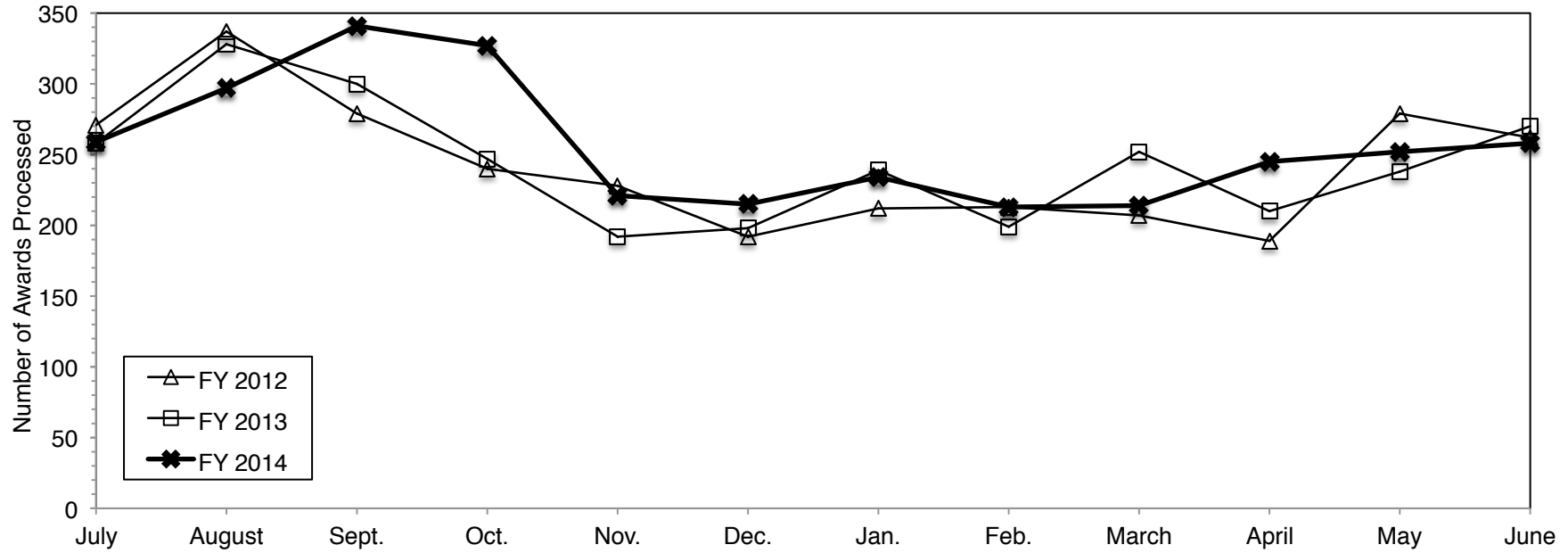
Despite a reduced number of Other Sponsored Activity awards for the month, there was a dramatic increase in the award's total dollar value across all award types comparing June 2013 to June 2014. FY 2014 also saw the largest number of awards processed for a fiscal year to-date, as well as a large increase in number and total dollar value of Other Sponsored Activity awards. But, while the total number of awards for FY 2014 was the largest ever, the total dollar value was lower than the past five fiscal years, suggesting a trend of larger number of smaller awards.

----- RESEARCH EXPENDITURES -----

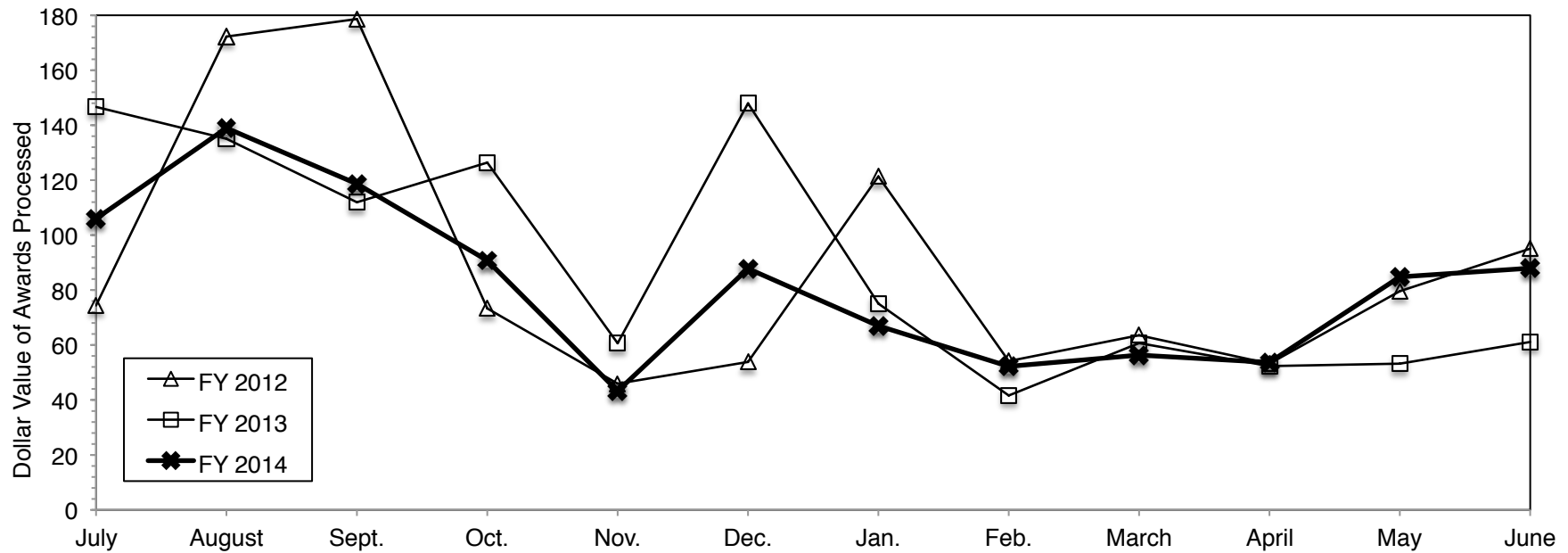
|                | Federal<br>Expendable<br>Restricted | Other<br>Funds | Total<br>Expenditures |
|----------------|-------------------------------------|----------------|-----------------------|
| May 2014       | \$ 669,844,164                      | \$ 111,372,392 | \$ 781,216,556        |
| May 2013       | \$ 742,320,223                      | \$ 107,198,153 | \$ 849,518,376        |
| Percent Change | -9.8%                               | 3.9%           | -8.0%                 |

Source: Finance - Sponsored Programs

**Number of Awards Processed**



**Dollar Value of Awards Processed**



Data Source: Office of Research and Sponsored Projects

# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

June 01, 2014 through June 30, 2014

The awards listed here by direct sponsor were established during the month designated in the heading above. For each award, the listing includes the award title, the principal investigator(s), the proposal administrative department, participating investigators with specified effort, the estimated amount awarded for the award period, and the estimated award period.

## **AbbVie Inc**

*A Phase 3 Multicenter Study of the Safety and Efficacy of Adalimumab in Subjects with Moderate to Severe Hidradenitis Suppurativa*

YOLANDA ROSI HELFRICH (Dermatology Department)

\$5,500 06/09/2014 - 06/30/2014

## **Aetna Student Health**

*International Student/Scholar Health Insurance Advisor Position (2013 -14)*

LOUISE M BALDWIN (International Center)

\$23,294 09/01/2013 - 08/31/2014

## **Air Products and Chemicals, Inc.**

*Selective Catalytic Reduction of Nitric Oxide*

RALPH T YANG (Chemical Engineering Dept)

\$45,000 06/01/2012 - 11/30/2014

## **Alere, LLC**

*Alere, Center for Health Intelligence Health Risk Appraisals Economic Reports*

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$168,000 06/01/2014 - 12/31/2014

## **Alex's Lemonade Stand**

*Mechanisms of LGR5 regulation and function in Ewing sarcoma metastasis*

ELIZABETH LAWLOR (Pediatrics-Hematology/Oncology)

with ERIC R FEARON

JACK T MOSHER

\$250,000 07/01/2014 - 06/30/2016

## **American Board of Pediatrics, The**

*Longitudinal Data Analysis of the Pediatric Workforce*

GARY L FREED (Pediatrics-Ambulatory Care Pgm)

\$203,500 02/17/2014 - 10/31/2014

## **American Chemical Society**

*Characterization and Screening of Al-based Olefin Polymerization Catalysts using Automated Reaction Discovery Approaches*

PAUL ZIMMERMAN (LSA Chemistry)

\$110,000 09/01/2014 - 08/31/2016

*High Pressure Studies of Aromatic and Aliphatic Soot Formation Behind Reflected Shock Waves*

PATRICK THOMAS LYNCH (Dbn Coll of Eng-Mechanical Eng)

\$110,000 09/01/2014 - 08/31/2016

**American Chemistry Council**

*USEtox Prioritization Indices for Chemical Exposure from Consumer Products - Approach for High-Throughput Prioritization*

OLIVIER J JOLLIET (Environmental Health Sciences)

\$25,000 06/01/2014 - 11/30/2014

**American College of Laboratory Animal Medicine Foundation (ACLAM)**

*Novel Methods of Evaluation of Post-Surgical Pain in Female Guinea Pigs*

JENNIFER LOFGREN (Lab Animal Medicine Unit)

\$11,650 06/01/2014 - 05/31/2015

**American College of Surgeons**

*Rescue of diabetes by direct reprogramming of human intestinal tissue into pancreatic beta-cells*

JASON SPENCE (Int Med-Gastroenterology)

\$60,000 07/01/2014 - 06/30/2016

**American Council of Learned Societies**

*ACLS Fellowship*

EMILY ELISSA WILCOX (LSA Asian Languages & Cultures)

\$35,000 07/01/2014 - 06/30/2015

**American Heart Association, Inc.**

*Protective role of KLF11 in diabetic vascular lesion formation*

YUQING CHEN (Int Med-Cardiology)

\$308,000 07/01/2014 - 06/30/2018

**American Heart Association, Midwest Affiliate**

*Role of calmodulin-dependent kinases in acute and chronic aldosterone production*

WILLIAM RAINEY (Molec & Integrative Physiology)

\$112,072 07/01/2014 - 06/30/2016

*Arrhythmogenic mechanisms in a murine model of cardiac-targeted deletion of Sap97*

JUSTUS MUKOLU ANUMONWO (Int Med-Cardiology)

\$143,000 07/01/2014 - 06/30/2016

*Mechanisms of Ryanodine Receptor dysfunction in cardiac remodeling: role of the novel P1124L mutation*

DANIEL EUGENE MICHELE (Molec & Integrative Physiology)

\$52,000 07/01/2014 - 06/30/2016

*Role of Ryanodine Receptor Phosphorylation in Atrial Fibrillation*

HECTOR VALDIVIA (Int Med-Cardiology)

\$90,722 07/01/2014 - 06/30/2016

*Characterization of Restrictive Maternal Feeding Behaviors*

JULIE C LUMENG (Child Behavioral Health)

\$98,476 07/01/2014 - 06/30/2016

*Common Anterograde Trafficking Process Regulates Potassium and Sodium Channels Cell Surface Expression in a Macromolecular Complex*

JOSE JALIFE (Int Med-Cardiology)

\$98,476 07/01/2014 - 06/30/2016

*Regulation of Obesity-Induced Adipose Tissue Inflammation During Weight Loss*

CAREY NIEN-KAI LUMENG (Pediatrics-Pulmonary Medicine)

\$52,000 07/01/2014 - 06/30/2016

*Optimization of GRK selective inhibitors for the treatment of heart disease*

JOHN J G TESMER (Life Sciences Institute-Admin)

\$48,428 07/01/2014 - 06/30/2015

*Novel therapeutic approaches for stroke treatment via modulation of phosphoinositide signaling lipids*

LOIS S WEISMAN (Life Sciences Institute-Admin)

\$85,972 07/01/2014 - 06/30/2016

*Identifying Novel Thrombosis Modifier Genes*

DAVID GINSBURG (Life Sciences Institute-Admin)

\$52,000 07/01/2014 - 06/30/2016

*Metabolic role of Slug in Nonalcoholic Fatty Liver Disease*

LIANGYOU RUI (Molec & Integrative Physiology)

\$85,972 07/01/2014 - 06/30/2016

*Intravital imaging of B and regulatory T cell interactions in humoral responses.*

IRINA L GRIGOROVA (Microbiology and Immunology)

\$52,000 07/01/2014 - 06/30/2016

*Ras/MAPK-independent regulation of FoxO activity by the C. elegans p120RasGAP/RASA1 ortholog GAP-3*

OMAR ITANI (Int Med-Hematology/Oncology)

\$98,476 07/01/2014 - 06/30/2016

*Regulation of Phospholipase C-beta*

JOHN J G TESMER (Life Sciences Institute-Admin)

\$4,000 06/01/2014 - 08/31/2014

**American Psychiatric Foundation**

*RAHS Typical or Troubled Presentation Project*

ALFREDA RENAE ROOKS (UMH Community Health)

\$500 06/01/2014 - 06/30/2015

**American Roentgen Ray Society**

*Beyond the Scan: How to be a Radiologist (Teaching Non-Interpretative Skills to Radiology Residents)*

AINE M KELLY (Department of Radiology)

\$100,000 07/01/2014 - 06/30/2016

**American Society for Mass Spectrometry (ASMS)**

*Development of Ambient Ionization Mass Spectrometry for the Characterization of Organic Compounds on Environmental Ice Surfaces*

KERRI PRATT (LSA Chemistry)

\$35,000 07/01/2014 - 06/30/2016

**American Society of Pediatric Otolaryngology**

*Computer-Aided Designed 3D-Printed Bioscaffold For Auricular Reconstruction*

GLENN E GREEN (Pediatric Otolaryngology)

\$20,000 07/01/2014 - 03/31/2015

**Ann and Robert H. Lurie Children's Hospital of Chicago**

*PERC - Coordinator Effort*

RENEE ADELE SHELLHAAS (Pediatrics-Neurology)  
\$1,860 06/01/2013 - 05/31/2014

**Ann Arbor Area Community Foundation**

*Caregiver Transition Support*

RACHEL DEWEES (UMH Turner Sr Wellness Program)  
\$5,000 05/30/2014 - 05/29/2015

*Adolescent Health Initiative Youth Council Video Project*

ALFREDA RENAE ROOKS (UMH Community Health)  
\$9,000 06/11/2014 - 06/10/2015

**Arthritis National Research Foundation (ANRF)**

*Exploring the influence of cutaneous inflammation on systemic lupus activity*

JOANNE MICHELLE KAHLENBERG (Int Med-Rheumatology)  
\$79,856 06/01/2014 - 05/31/2015

*Prenatal dietary intervention improves age-associated rheumatoid arthritis*

BRUCE C RICHARDSON (Int Med-Rheumatology)  
with SANJAY K GARG  
\$99,918 06/01/2014 - 05/31/2015

**Association of American Cancer Institutes (AACI)**

*Ovarian carcinoma associated mesenchymal stem cells and the formation of the ovarian cancer microenvironment*

RONALD J BUCKANOVICH (Int Med-Hematology/Oncology)  
\$50,000 07/01/2014 - 06/30/2015

**Astellas Pharma US, Inc.**

*A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial to Evaluate the Efficacy and Safety of a Vaccine, ASP0113, in Cytomegalovirus (CMV)-Seronegative Kidney Transplant Recipients Receiving an Organ from a CMV-Seropositive Donor*

SILAS P NORMAN (Int Med-Nephrology)  
\$276,162 05/27/2014 - 05/01/2021

**AstraZeneca, PLC**

*Astra Zeneca SAGE and related activities*

ELIF A ORAL (Metabolism, Endo & Diabetes)  
\$2,700 06/01/2014 - 05/31/2015

**Atterocor, Inc.**

*Mechanistic Insights of ATR-101 for the Treatment of Adrenocortical Carcinoma*

GARY D HAMMER (Metabolism, Endo & Diabetes)  
with CHRISTOPHER RYAN LA PENSEE  
\$47,925 07/15/2013 - 06/30/2014

**Baxter Healthcare Corporation**

*Evaluation of Error Detection of Parenteral Product Preparation in Ambulatory Infusion Pharmacies Before and After Implementation of IV Workflow Management Technology*

KELLY REYNE WRIGHT (PHARMACY Clin, Soc & Admin Sci)

with BRUCE W CHAFFEE

JOHN S CLARK

\$52,822 06/10/2014 - 03/31/2015

**Bayer Corporation**

*: A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Evaluate the Safety and Efficacy of BAY 41-6551 as Adjunctive Therapy in Intubated and Mechanically-Ventilated Patients with Gram-Negative Pneumonia*

ROBERT C HYZY (Int Med-Pulm./Critical Care)

\$106,531 06/11/2014 - 05/31/2015

**Benaroya Research Institute at Virginia Mason (BRI)**

*Gradual Withdrawal of Immune System Suppressing Drugs in Patients Receiving a Liver Transplant*

JEFFREY D PUNCH (Transplant Surgery (STX))

\$2,065 05/01/2014 - 01/31/2015

**Brigham and Women's Hospital**

*Using Genetics for Early Phenotyping & Prevention of Hypertrophic Cardiomyopathy*

SHARLENE M DAY (Int Med-Cardiology)

with MARK WILLIAM RUSSELL

\$330,110 05/01/2013 - 04/30/2015

**Bristol-Myers Squibb Company**

*A pilot study to evaluate subcutaneous abatacept vs. placebo in diffuse cutaneous systemic sclerosis? a double-blind, placebo-controlled, randomized controlled trial*

DINESH KHANNA (Int Med-Rheumatology)

with CATHERINE A SPINO

DAVID A FOX

KRISTINE PHILLIPS

PEI-SUEN TSOU

\$6,704,492 06/17/2014 - 06/17/2024

*Thromboprophylaxis of Mechanical Valves using Apixaban in vivo*

DANIEL DURANT MYERS JR (Vascular Surgery Section)

JOSE ANTONIO DIAZ (Vascular Surgery Section)

with DAWN MARIE COLEMAN

\$124,834 02/04/2014 - 08/12/2014

**Burroughs Wellcome Fund**

*Collaborative interactions with Weizmann Institute on exploring protein-protein interactions*

CHARLES L BROOKS III (LSA Chemistry)

\$10,000 06/01/2014 - 12/31/2015

**Canary Foundation**

*Canary Prostate Active Surveillance Study Protocol - 2014*

JOHN THOMAS WEI (Urology)

\$23,808 01/01/2014 - 12/31/2014



**Central Surgical Association Foundation**

*Induced Pluripotent Stem Cells to Generate Patient- and Tumor-Specific T cells*

FUMITO ITO (GSA - Administration (GSA/ADM))

\$10,000 07/01/2014 - 06/30/2015

**Concern Foundation**

*The collaboration between NOTCH1 and ZMIZ1 in T-cell leukemia*

MARK CHIANG (Int Med-Hematology/Oncology)

\$60,000 07/01/2014 - 06/30/2015

*ABERRANT EPIGENETIC CONTROL OF NOTCH SIGNALS IN MEDULLOBLASTOMA*

JEAN-FRANCOIS RUAL (Pathology Department)

\$60,000 07/01/2014 - 06/30/2015

**Cornell University**

*National Nanotechnology Infrastructure Network - 2014 Wind-Down*

KHALIL NAJAFI (COE EECS - ECE - SSEL)

with FRED LEWIS TERRY JR

\$1,209,000 03/01/2014 - 08/31/2015

**Craig H. Neilsen Foundation**

*Immune mediated repair of the injured spinal cord*

ROMAN GIGER (Cell and Developmental Biology)

with BENJAMIN M SEGAL

\$300,000 07/01/2014 - 06/30/2016

**Crohn's and Colitis Foundation of America (CCFA)**

*Hedgehog signaling influences intestinal dendritic cells and modulates the response to acute inflammation*

DEBORAH L GUMUCIO (Cell and Developmental Biology)

\$2,500 07/01/2014 - 09/09/2014

**Cystic Fibrosis Foundation**

*MI - 184/184 - University of Michigan Health System*

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

with AMY G FILBRUN

\$237,170 07/01/2014 - 06/30/2015

**Dairy Management, Inc (DMI)**

*Nutritional benefits and environmental performance of dairy products*

OLIVIER J JOLLIET (Environmental Health Sciences)

with GREGORY A KEOLEIAN

\$18,000 06/01/2014 - 12/31/2014

**Defense, Department of-Air Force, Department of the**

*Hybrid Vlasov-Fokker-Planck Modeling of Electron Transport and Radiation Generation in Femtosecond Laser Interactions with Solid Density Matter*

ALEXANDER GEORGE ROY THOMAS (Nuclear Eng & Radiological Sci)

with BEN TORRALVA

\$798,897 09/01/2014 - 08/31/2017

*Underactuated Spacecraft Control with Disturbance Compensation*

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

\$66,000 05/30/2014 - 05/29/2015

*IPA Assignment - USAFA/DFSC*

CARL E SCHNEIDER (Law Research Faculty Activity)

\$187,323 01/01/2014 - 05/31/2014

**Defense, Department of-Army, Department of the**

*2014 GSRA Supplement to MURI (Topic 5.2): Value-centered Information Theory for Adaptive Learning, Inference, Tracking, and Exploitation (VITALITE)*

ALFRED O HERO III (COE EECS - ECE - Cspl)

\$98,300 08/22/2011 - 04/28/2015

**Defense, Department of-Navy, Department of the**

*Acoustic Phonons and Their Interactions with Electrons in Gallium Nitride Ultra-fast Ultra-scaled Resonators*

MINA RAIESZADEH (COE EECS - ECE - SSEL)

\$506,191 05/22/2014 - 06/30/2017

*Extreme Operation Modeling for the Design of Naval Platforms*

KEVIN JOHN MAKI (Naval Arch & Marine Dept)

\$510,000 05/15/2014 - 05/14/2017

*NEEC Supplemental Funds for A Powering Prediction Tool for Early-Stage Design*

STEVEN L CECCIO (Naval Arch & Marine Dept)

with KEVIN JOHN MAKI

\$80,000 05/15/2014 - 09/12/2014

*X-Ray Based Diagnostics For the Study of Sheet-to-Cloud Transition of Partial Cavities*

STEVEN L CECCIO (Naval Arch & Marine Dept)

\$495,636 04/01/2014 - 03/30/2017

*RF Phase Change Switch Development*

MINA RAIESZADEH (COE EECS - ECE - SSEL)

\$440,673 07/01/2014 - 06/30/2016

*NEEC Supplemental Funds for Hydrofoil Propulsion Study*

STEVEN FRANCIS ZALEK (Naval Arch & Marine Dept)

STEVEN L CECCIO (Naval Arch & Marine Dept)

with JING SUN

\$152,474 05/15/2014 - 09/12/2014

*NEEC Supplement to VA Tech: Aluminum Structure Collapse During Fire - Continuation of 13-PAF01685*

STEVEN L CECCIO (Naval Arch & Marine Dept)

\$149,948 05/15/2014 - 09/12/2014

*Using Ion Composition to Reveal the Nature of Magnetic Flux Ropes in the Heliosphere*

SUSAN THERESE LEPRI (Atm, Oceanic & Space Sci.)

\$204,764 06/02/2014 - 06/01/2018

**Defense, Department of-Other**

*Proposal for Defense Industry Community Adjustment Assistance Assisting Communities Responding to Defense Industry Downsizing*

LAWRENCE ALYN MOLNAR (IRLEE)

with MARIAN J KRZYZOWSKI

\$2,479,069 06/01/2014 - 05/31/2015

**Denso International America**

*Nano Battery for Electric Vehicles*

WEI LU (Mechanical Engineering)

\$40,000 07/01/2014 - 12/31/2014

**Detroit Economic Growth Association**

*Gerald R. Ford School of Public Policy DEGA Summer Internship Program*

SUSAN M COLLINS (G. Ford Sc Pub Pol)

\$7,500 05/05/2014 - 07/31/2014

**Dow Chemical Company**

*The Carbon Environmental Performance of the FibARM? Structural Strengthening System*

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

\$49,974 05/01/2014 - 12/31/2014

**Duke University**

*2014 supplement to UM subcontract from Duke: Prediction of Soldier Health Using Spatio-temporal Adaptive Bayesian (STAB) network models Phase II*

ALFRED O HERO III (COE EECS - ECE - Cspl)

\$85,000 10/01/2013 - 06/30/2014

*Validation of prognostic and pathway signatures in lethal prostate cancer*

MUNEESH TEWARI (Int Med-Hematology/Oncology)

\$27,344 02/01/2014 - 08/31/2014

**Education, Department of**

*2013-14 US/ED Fulbright-Hyas DOCTORAL DISSERTATION Research Abroad*

KENNETH W KOLLMAN (LSA International Institute)

\$35,027 05/15/2014 - 12/15/2015

*On the Importance of School Facilities Spending to Student Outcomes*

ISAAC MCFARLIN (G. Ford Sc Pub Pol)

with KEVIN MICHAEL STANGE

\$2,079,204 07/01/2014 - 06/30/2017

*Dual-Credit Courses and the Road to College: Experimental Evidence from Tennessee*

SUSAN MARIE DYNARSKI (FSPP Educ Policy Initiative)

\$2,075,729 07/01/2014 - 06/30/2019

**Electric Power Research Institute**

*Advanced Radiation Resistant Materials (ARRM) Irradiation Program*

GARY S WAS (Nuclear Eng & Radiological Sci)

\$639,780 03/31/2014 - 12/31/2017

**EMBO European Molecular Biology Organization**

*Continuation of - Genomic profile of new regulatory mutations in Saccharomyces cerevisiae*

TRISHA WITTKOPP (LSA Ecology & Evolutionary Bio)

\$18,385 01/01/2014 - 05/31/2014

**Energy, Department of**

*Dual-Particle Imaging System for Standoff Detection of Special Nuclear Material*

SARA A POZZI (Nuclear Eng & Radiological Sci)

with MAREK FLASKA

SHAUN CLARKE

\$750,000 06/23/2014 - 06/22/2017

*Forecasting Gasoline and Heating Oil Prices in Real Time*

LUTZ KILIAN (LSA Economics)

\$100,000 09/02/2014 - 08/31/2015

**Evolving Earth Foundation**

*Reconstructing paleoenvironments of the Miocene Barstow Formation using phytolith assemblages as indicators of floral composition, Mojave Desert, California*

CATHERINE E BADGLEY (LSA Paleontology Museum)

\$3,000 05/01/2014 - 04/30/2016

**Extreme Diagnostics, Inc.**

*Compact Energy Conversion Module*

DANIEL J INMAN (Aerospace Engineering)

\$60,000 06/20/2014 - 01/15/2015

**Florida State University**

*GOAL: Engineering-Driven Correlation Modeling of Multi-Resolution Data for Surface Variation Control*

JACK HU (Mechanical Engineering)

with JUDY JIN

\$127,202 05/20/2014 - 08/31/2016

**Ford Motor Company**

*Optimization Process for Compressor with Active Casing Treatment*

MARGARET S WOOLDRIDGE (Mechanical Engineering)

\$57,666 04/01/2014 - 03/31/2015

*Hydrogen Storage Engineering R & D Extension 6/30/2015*

DONALD JASON SIEGEL (Mechanical Engineering)

\$56,375 09/01/2012 - 06/30/2015

**Foundation for Anesthesia Education and Research**

*FAER 2014 Student Anesthesia Research Fellowship (MSARF)*

GEORGE A MASHOUR (Anesthesiology Department)

\$8,200 05/14/2014 - 12/31/2014

**General Electric Company**

*Deformation, Damage and Failure Mechanisms in Ceramic Matrix Composites - Year five*

ANTHONY M WAAS (Aerospace Engineering)

with JOHN W HALLORAN

SAMANTHA HAYES DALY

\$703,193 01/01/2014 - 12/31/2014

**General Motors Company**

*Measurement of Electrolyte Properties*

WEI LU (Mechanical Engineering)

\$1,468 06/01/2014 - 12/31/2014

**General Motors Research & Development**

*2013 ICAM GM Vehicle Accident Study*

STEWART C WANG (GSA - Acute Care Surgery (ACS))

\$59,999 09/01/2013 - 09/30/2014

**GlaxoSmithKline (GSK)**

*GSK Services Agreement-Clinical*

DEBBIE GIPSON (Pediatrics-Nephrology)

\$83,361 06/11/2014 - 06/30/2015

**Gore, W. L., & Associates, Inc.**

*'GREAT' Global Registry for Endovascular Aortic Treatment Outcomes Evaluation (GRT 10-11)*

HIMANSHU J PATEL (Cardiac Surgery)

\$110,300 06/13/2014 - 03/31/2024

**Greenwall Foundation**

*Evaluating Patient Perspectives to Inform the Ethical Implementation of a Rapid Learning System for Oncology Care*

RESHMA JAGSI (Radiation Oncology - Ann Arbor)

\$278,742 07/01/2014 - 06/30/2016

**Harvard University**

*Ultrahigh-Throughput Virus-Host Cell PicoReactor System for Predictive Modeling of Viral Evolution*

CHRISTIANE E WOBUS (Microbiology and Immunology)

\$280,000 05/01/2014 - 12/30/2014

**Health and Human Services, Department of National Institutes of Health**

*Strengthening Nurse NCD Research and Training Capacity in Thailand*

ANTONIA M VILLARRUEL (SON-Grants)

KATHLEEN MARIE POTEMPA (SON-Grants)

\$1,154,464 06/01/2014 - 05/31/2019

*University of Michigan Anesthesiology Post Doctoral Research Training Program*

DANIEL J CLAUW (Anesthesiology Department)

GEORGE A MASHOUR (Anesthesiology Department)

\$663,365 07/01/2014 - 06/30/2019

*Novel Pathway and Prevention Strategy for Heterotopic Ossification*

STEWART C WANG (Plastic Surgery Section)

\$784,640 08/01/2014 - 07/31/2018

*Probing molecular mechanisms of GPCR functional selectivity in live cells*

SIVARAJ SIVARAMAKRISHNAN (Cell and Developmental Biology)

with ROGER K SUNAHARA

\$1,142,528 07/01/2014 - 04/30/2018

*Michigan Chemistry Biology Interface Training Grant*

JOHN MONTGOMERY (LSA Chemistry)

\$1,354,020 07/01/2014 - 06/30/2019

*Interdisciplinary Research Training on Health and Aging*

CARLOS F MENDES DE LEON (Epidemiology Department)

\$729,920 05/01/2014 - 04/30/2019

*Quantitative MRI models of HN Cancers for Physiological Adaption of RT*

AVRAHAM EISBRUCH (Radiation Oncology - Physics)

YUE CAO (Radiation Oncology - Physics)

with ASHOK SRINIVASAN

MATTHEW H STENMARK

MATTHEW JASON SCHIPPER

\$2,658,620 06/04/2014 - 05/31/2019

*Cognitively Plausible Models of Decision Making*

ELIZABETH EVE BRUCH (Pop Studies-Research)

\$653,400 06/01/2014 - 05/31/2019

*Effects of poverty on affective development: A multi-level, longitudinal study*

CHRISTOPHER STEPHEN MONK (SRC - PNG)

with COLTER MITCHELL  
JAMES L ABELSON  
LUKE WILLIAMSON HYDE  
NESTOR L LOPEZ-DURAN  
RICHARD D GONZALEZ  
SCOTT J PELTIER

\$2,890,888 06/06/2014 - 05/31/2019

*Health trajectories from age 12-32: Disparities, discrimination, & socialization - Minority Supplement*

JACQUELYNNE S ECCLES (RCGD-Achievement Research)

\$129,386 05/01/2014 - 12/31/2014

*Clinical Centers (CC) for the NHLBI Prevention and Early Treatment of Acute Lung Injury (PETAL)  
Clinical Trials Network (U01)*

PAULINE K PARK (Int Med-Pulm./Critical Care)  
ROBERT C HYZY (Int Med-Pulm./Critical Care)

with GARY B HUFFNAGLE  
KYLE GUNNERSON  
THEODORE IWASHYNA  
THEODORE J STANDIFORD

\$2,612,256 06/17/2014 - 04/30/2021

*Reducing Particulate Matter-Associated Cardiovascular Health Effects for Seniors*

MASAKO MORISHITA (Environmental Health Sciences)

with CATHERINE A SPINO  
ROBERT DANIEL BROOK  
ROSEMARY ANN ZIEMBA  
SARA D ADAR

\$1,429,381 06/05/2014 - 09/30/2017

*Acid-mediated processes in nucleic acids and proteins*

CHARLES L BROOKS III (LSA Chemistry)

\$1,140,979 06/01/2014 - 05/31/2018

*Identifying Genes for Type 2 Diabetes: FUSION*

MICHAEL LEE BOEHNKE (Biostatistics Department)

with CHARLES BURANT  
GONCALO ABECASIS  
HYUN MIN KANG  
LAURA JEAN SCOTT  
SACHIN KHETERPAL  
XIAOQUAN WILLIAM WEN

\$2,844,816 06/01/2014 - 05/30/2018

*Controlled Vascularization Using Acoustic Droplet-Hydrogel Composites*

MARIO LEONARDO FABIILLI (Department of Radiology)

with ANDREW JAMES PUTNAM  
OLIVER DANIEL KRIPFGANS  
RENNY T FRANCESCHI

\$347,054 07/01/2014 - 06/30/2016

*Working Memory Training, Neural Correlates, and Aging*

PATRICIA A REUTER-LORENZ (LSA Psychology)

with JOHN JONIDES  
MIN ZHANG  
SCOTT J PELTIER  
THAD A POLK

\$427,063 07/01/2014 - 03/31/2016

*Genotype-Phenotype relationships underlying aerobic capacity and metabolic health*

CHARLES BURANT (Human Genetics Department)  
JUN LI (Human Genetics Department)  
STEVEN L BRITTON (Human Genetics Department)

with LAUREN GERARD KOCH

\$1,416,643 06/01/2014 - 05/31/2017

*The role of serotonin in dietary protein perception and diet-dependent longevity*

SCOTT PLETCHER (Molec & Integrative Physiology)

\$67,694 07/01/2014 - 06/30/2016

*Chaperone recognition of xenobiotic-altered NO Synthase P450*

YOICHI OSAWA (Pharmacology Department)

with DANIEL SOUTHWORTH  
HAOMING ZHANG  
YOSHIHIRO MORISHIMA

\$1,574,707 06/01/2014 - 04/30/2018

*A novel bone-destructive pathway in periodontal disease*

JOSEPH HOLOSHITZ (Int Med-Rheumatology)

with HECTOR FABIO RIOS

\$427,000 07/01/2014 - 06/30/2016

*Cholinergic Interneurons in Tourette Syndrome*

ROGER L ALBIN (Neurology Department)

with ROBERT A KOEPPE

\$426,938 06/01/2014 - 05/31/2016

*Role of cellular metabolism in keratin variant-mediated liver disease progression*

NATASHA TASHEVA SNIDER (Molec & Integrative Physiology)

\$155,292 07/01/2014 - 04/30/2016

*RSV-induced DC epigenetic immune modulation*

NICHOLAS W LUKACS (Pathology Department)

with STEVE L KUNKEL  
THOMAS PATRICK SHANLEY

\$1,937,604 06/01/2014 - 05/31/2019

*Roles and regulation of PI(3,5)P2 and PI5P in neurons*

LOIS S WEISMAN (Life Sciences Institute-Admin)

with MICHAEL MARK ALEXANDER SUTTON

\$2,192,891 07/01/2014 - 04/30/2019

*Role of mTORC1 pathway for podocyte injury in diabetic nephropathy*

KEN INOKI (Life Sciences Institute-Admin)

\$1,349,497 08/01/2014 - 07/31/2018



*The Virtual Physiological Rat Project*

DANIEL A BEARD (Molec & Integrative Physiology)

with BRIAN E CARLSON

KALYAN C VINNAKOTA

\$6,669,923 09/01/2013 - 07/31/2016

*Individual Variation in Dopamine Encoding of Incentive Salience*

TERRY E ROBINSON (LSA Psychology)

\$80,829 07/01/2014 - 12/31/2015

*Mechanisms to Regulate Aging through Neurosensory and Reward Circuits*

SCOTT PLETCHER (Molec & Integrative Physiology)

\$67,694 07/01/2014 - 06/30/2016

*The Role of the Paraventricular Thalamus in Incentive Salience Attribution*

SHELLY BETH FLAGEL (Psych Labs and Bioinformatics)

\$66,955 09/01/2014 - 08/31/2016

*The Effect of High Inpatient Occupancy on Outcomes for Elderly Medicare Patients*

MAHSHID ABIR (Emergency Medicine UM Adult)

\$483,872 06/15/2014 - 07/31/2015

*HRS Y23-28: Y25 Dementia Trends Admin Supplement*

DAVID R WEIR (SRC-Hrs)

with JESSICA DANIELLE FAUL

KENNETH M LANGA

\$135,971 06/15/2014 - 12/31/2017

*Michigan Regional Comprehensive Metabolomics Resource Core (MRC2)-Kennedy Supplement*

ROBERT T KENNEDY (LSA Chemistry)

\$392,918 09/01/2013 - 08/31/2017

**Howard Hughes Medical Institute**

*The role of long non-coding RNA SchLAP-1 in prostate cancer*

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)

\$40,000 06/30/2014 - 06/29/2015

**Hutchinson, Fred, Cancer Research Center**

*Molecular Markers for the Prediction of Disease Progression in Men with Clinically Localized Prostate Cancer on Surveillance in the Canary Prostate Active Surveillance Study*

JOHN THOMAS WEI (Urology)

\$26,578 06/11/2014 - 12/31/2016

**Hyundai America Technical Center**

*Warning Integration Project, Phase 2-2, Main Experiment, Analysis, and Reporting*

PAUL A GREEN (UMTRI-Driver Interface)

\$80,000 11/01/2013 - 12/31/2014

*Reconfigurable TFT Cluster Layout Evaluation for All Demographics*

SANG-HWAN KIM (Dbn Col of Eng-Indust & Sys En)

\$61,014 06/01/2014 - 01/31/2015

**Hyundai Motor Company and Kia Motors Corporation**

*Revealing Automobile Associations and Preferences through Cognitive and Evolutionary Psychology*

STEPHANIE D PRESTON (LSA Psychology)

\$77,638 06/13/2014 - 12/31/2014

**INC Research**

*A Multicenter, Randomized, Double-Blind Study to Evaluate the Efficacy and Safety of Two Adalimumab Induction Regimens in Subjects with Moderately to Severely Active Crohn's Disease and Evidence of Mucosal Ulceration*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$372,020 06/24/2014 - 05/31/2016

**inVentiv Health**

*A Phase I Open-label, Dose Escalation Study to Investigate the Safety, Pharmacokinetics, Pharmacodynamics, Immunogenicity and Clinical Activity of the Antibody Drug Conjugate GSK2857916 in Subjects with Relapsed/Refractory Multiple Myeloma and Other Advanced Hematologic Malignancies Expressing BCMA*

DANIEL LEBOVIC (Int Med-Hematology/Oncology)

\$21,800 05/15/2014 - 06/14/2021

**Johns Hopkins University**

*MHD modeling of Europa's plasma environment in support of Clipper PIMS investigation*

XIANZHE JIA (Atm, Oceanic & Space Sci.)

with JAMES ARTHUR SLAVIN

\$20,025 06/26/2014 - 08/30/2014

**Johnson Controls, Inc.**

*ASSESSMENT OF AUTOMOTIVE SEAT FIT*

HAN KIM (UMTRI-Biosciences)

with CAROL ANN FLANNAGAN

JINGWEN HU

MATTHEW PAUL REED

\$139,995 06/01/2014 - 05/31/2015

**Juvenile Diabetes Research Foundation International (JDRF)**

*JAK2 and its interactors: targets for treatment of diabetic kidney disease*

FRANK C BROSIUS III (Int Med-Nephrology)

with JEFFREY B HODGIN

MATTHIAS KRETZLER

SUBRAMANIAM PENNATHUR

\$494,044 07/01/2014 - 06/30/2016

**Leakey, L. S. B., Foundation**

*The development of social bonds in male chimpanzees*

JOHN C MITANI (LSA Anthropology)

\$13,500 05/15/2014 - 08/01/2015

**Life Sciences Research Foundation**

*Properties of  $\beta$ 2-Adrenergic Receptor Selectivity and Multiplicity*

SIVARAJ SIVARAMAKRISHNAN (Cell and Developmental Biology)

\$180,000 08/01/2014 - 07/31/2017

**Lilly, Eli, and Company**

*Master Agreement - Lu Wang Work Order*

LU WANG (Biostatistics Department)

\$20,000 04/16/2014 - 12/31/2014

**Lockheed Martin Corporation**

*Computation of High-Altitude Hypersonic Flow*

IAIN D BOYD (Aerospace Engineering)

\$30,000 05/01/2014 - 11/30/2014

**Loeb Classical Library Foundation**

*At the Gates of the Temple: Culture and Politics in the Ptolemaic State*

IAN S MOYER (LSA History)

\$35,000 07/01/2014 - 06/30/2015

**Medtronic, Inc.**

*Neuromodulation Fellowship Grant - Pain Therapies*

SRINIVAS CHIRAVURI (Anesthesiology Department)

\$25,000 07/01/2014 - 06/30/2015

**Merck and Company, Inc.**

*A Phase III, Randomized, Placebo-Controlled, Parallel-Group, Double-Blind Clinical Trial to Study the Efficacy and Safety of MK-8931 (SCH 900931) in Subjects with Amnesic Mild Cognitive Impairment Due to Alzheimer?s Disease (Prodromal AD).*

KIRK A FREY (Department of Radiology)

\$50,438 05/14/2014 - 03/31/2018

**Merck Company Foundation**

*The role of periostin in Pulmonary fibrosis*

BETHANY B MOORE (Int Med-Pulm./Critical Care)

\$53,500 09/01/2014 - 08/31/2016

**Merck Research Laboratories**

*A phase III, randomized, placebo-controlled, parallel-group, double blind clinical trial to study the efficacy and safety of MK-8931 (SCH 900931) in subjects with amnesic Mild Cognitive Impairment due to Alzheimer?s Disease (prodromal AD)*

JUDITH L HEIDEBRINK (Neurology Department)

\$1,404,624 05/14/2014 - 03/31/2018

**Metro Health Foundation**

*Supporting Development of a Standardized Community Health Worker Curriculum*

EDITH C KIEFFER (School of Social Work)

\$20,000 06/01/2014 - 05/31/2015

**Michigan Critical Care Consultants, Inc.**

*Artificial Placenta Device*

GEORGE B MYCHALISKA (Pediatric Surgery Section)

with ALVARO ROJAS PENA

\$80,818 04/22/2014 - 08/31/2014

**Montana State University**

*Engineering human intestinal organoids to model dysbiosis during enteric dysfunction*

JASON SPENCE (Int Med-Gastroenterology)

\$33,000 05/01/2014 - 09/30/2015

**Mott, Charles Stewart, Foundation**

*Committed To Excellence and Opportunity CEO 2014-2015*

TENDAJI W GANGES (Flint Educational Opportunity)

\$415,700 06/01/2014 - 05/31/2015

**Multiple Myeloma Research Consortium**

*Phase 1/2 Clinical Trial of NPI-0052 in Patients with Relapsed or Relapsed/Refractory Multiple Myeloma*

CRAIG E COLE (Int Med-Hematology/Oncology)

\$311,988 10/13/2008 - 09/17/2016

**National Aeronautics and Space Administration**

*Using space-based remote sensing & in-situ observations to solve the North American Methane conundrum: towards resolving the 12Tg gap*

ERIC ADAM KORT (Atm, Oceanic & Space Sci.)

\$262,115 05/19/2014 - 05/18/2017

*Vital Components of a Planetary Pickup Ion Composition Spectrometer*

JASON ANDRE GILBERT (Atm, Oceanic & Space Sci.)

with THOMAS H ZURBUCHEN

\$880,521 06/01/2014 - 05/31/2017

*CYGNSS - Deployment Module Modification*

CHRISTOPHER S RUF (Space Physics Research Lab)

\$2,476,977 12/07/2012 - 12/06/2019

*Continuing a Swift Legacy: The Monitoring Campaign of the Galactic Center*

JON MATTHEW MILLER (LSA Astronomy)

\$39,982 05/20/2014 - 05/19/2015

*Mapping Ultraviolet Halos in a Mini-Survey of Nearby Starburst Galaxies*

JOEL N BREGMAN (LSA Astronomy)

\$38,000 07/01/2014 - 06/30/2015

*Phase II: Sensor-to-Sensor Passive Health Monitoring for Aircraft Structures*

DENNIS S BERNSTEIN (Aerospace Engineering)

\$162,091 05/13/2014 - 10/31/2015

*NSTRF Kosztowny\_2014\_ Unitized Textile Composite Stiffened Panels for Space Structures; Manufacturing, Characterization, Modeling, and Analysis*

ANTHONY M WAAS (Aerospace Engineering)

\$68,000 08/01/2012 - 07/31/2016

*Kier Year 4: Modeling Failure of 3D Fiber Reinforced Foam Core Sandwich Structures with Defects Using a Multi-Scale Finite Element Method*

ANTHONY M WAAS (Aerospace Engineering)

\$56,000 09/01/2011 - 08/31/2015

*NSTRF\_Ebersohn\_ Study of Magnetic Nozzle Effects on Plasma Plumes*

BENJAMIN WESLEY LONGMIER (Aerospace Engineering)

\$68,000 09/01/2013 - 08/31/2015

*A Numerical Investigation into the Supra-Glacial Hydrology of the Greenland Ice Sheet - NESSF*

JEREMY N BASSIS (Atm, Oceanic & Space Sci.)

\$30,000 06/07/2014 - 08/31/2015

*Supporting the Science and Technology Development for the Decadal Survey PATH Mission - Y2*

CHRISTOPHER S RUF (Space Physics Research Lab)

\$30,000 09/01/2013 - 08/31/2015

*NSTRF- Horatiu Dragnea 2014*

IAIN D BOYD (Aerospace Engineering)

\$68,000 09/01/2013 - 08/31/2017

*Development of Multi-choic Millimeter-wave Polarization Sensitive Detector Arrays Year 3*

JEFFREY JOHN MCMAHON (LSA Physics)

\$68,000 09/01/2012 - 08/31/2016

*NSTRF Maria Choi Lang 2014*

IAIN D BOYD (Aerospace Engineering)

\$68,000 08/01/2011 - 07/31/2015

**National Center on Education and the Economy (NCEE)**

*Evaluating the Implementation and Efficacy of Excellence for All*

BRIAN P ROWAN (Education and Well Being)

with BEN B HANSEN

PAUL GORDON PERRAULT

STEPHEN GERARD SCHILLING

\$476,673 01/01/2014 - 12/31/2014

**National Science Foundation**

*Motor skill Learning in Older Adults: neurocognitive correlates, individual differences, and interventions to enable healthy aging*

RACHAEL D SEIDLER (School of Kinesiology)

\$297,323 06/01/2014 - 05/31/2017

*The time course of speech perception and production in individual language users*

ANDRIES W COETZEE (LSA Linguistics)

PATRICE SPEETER BEDDOR (LSA Linguistics)

\$389,320 07/01/2014 - 12/31/2017

*CAREER: Heterogeneous delayed networks: data-based design and optimization of connected vehicle systems*

GABOR OROSZ (Mechanical Engineering)

\$400,000 07/01/2014 - 06/30/2019

*Large scale structure in complex networks*

MARK E NEWMAN (LSA Physics)

\$265,000 08/01/2014 - 07/31/2017

*Heterogeneous Catalysis on Plasmonic Metallic Nanostructures: Selective Catalytic Conversion at Lower Temperatures co-Driven by Solar and Thermal Energy*

SULJO LINIC (Chemical Engineering Dept)

\$420,000 10/01/2014 - 09/30/2017

*Digitization TCN: Collaborative: Documenting the Occurrence through Space & Time of Aquatic Non-indigenous Fish, Mollusks, Algae, & Plants Threatening North America's Great Lakes*

RICHARD K RABELER (LSA Ecology & Evolutionary Bio)

with THOMAS F DUDA JR

\$429,777 06/15/2014 - 05/31/2017

*Random Matrices and Related Topics*

JINHO BAIK (LSA Mathematics)

\$288,001 07/01/2014 - 06/30/2017

*Doctoral Dissertation Research: American Dream Dying? How Individuals Make Meaning of Economic Stratification in the Post-Recession Era*

ALFORD A YOUNG JR (LSA Sociology)

\$11,663 06/15/2014 - 05/31/2015

*TWC SBE: TTP Option: Medium: Collaborative: EPICA: Empowering People to Overcome Information Controls and Attacks*

MICHAEL DONALD BAILEY (EECS - CSE - SSRL)

\$225,000 08/01/2014 - 07/31/2017

*High-Frequency Graphene Nanoelectronic Vapor Sensors for Micro-Gas Chromatography*

ZHAOHUI ZHONG (COE EECS - ECE - SSEL)

with XUDONG FAN

\$360,000 06/15/2014 - 05/31/2017

*Geometric Control of Strain and Optical Properties in III-Nitride Nanostructures*

PEI-CHENG KU (COE EECS - ECE - SSEL)

with HUI DENG

\$424,828 08/01/2014 - 07/31/2017

*Parents? Beliefs about Race and Discrimination, Socialization Practices, and Their Adolescents? Socioemotional Functioning*

STEPHANIE J ROWLEY (LSA Psychology)

\$106,518 08/01/2014 - 07/31/2015

*Resubmission: Nanoscale Thermal Processes in Devices*

KEVIN PATRICK PIPE (Mechanical Engineering)

with PRAMOD SANGI REDDY

\$360,000 07/01/2014 - 06/30/2017

*Tailoring the Properties of Dilute Nitride-Bismide Semiconductor Alloys*

RACHEL S GOLDMAN (Materials Science & Engin.)

with CAGLIYAN KURDAK

\$520,000 07/01/2014 - 06/30/2017

*Gromov-Witten Theory of Calabi-Yau Varieties*

YONGBIN RUAN (LSA Mathematics)

\$330,002 07/01/2014 - 06/30/2017

*Collaborative Proposal: A Pan-Chromatic Survey of the Galactic Bulge*

WILLIAM IAN CLARKSON (Dbn CASL-Physical Sciences)

\$219,464 08/01/2014 - 07/31/2017

*CDS&E: Fast, scalable GPU-enabled software for predictive materials design & discovery*

SHARON C GLOTZER (Chemical Engineering Dept)

\$595,880 07/01/2014 - 06/30/2018

*RI: Small: When Algorithms Trade: Dynamics, Limits, and Economic Implications*

MICHAEL P WELLMAN (EECS - CSE - AI/IS)

with JACOB ABERNETHY

\$500,000 07/01/2014 - 06/30/2017

*Adjustable Risk Management via Chance-Constrained Programming under Ambiguous Trade-off Preferences and Data Uncertainty*

SIQIAN MAY SHEN (Industrial & Operations Engin)

\$253,411 07/01/2014 - 06/30/2017

*Exploring the Effects of Schooling on Changes in Behavioral and Neurological Indices of Children's Executive Functioning*

FREDERICK J MORRISON (SRC - PNG)

with PAMELA DAVIS-KEAN

WILLIAM J GEHRING

\$625,000 07/01/2014 - 06/30/2017

*RAPID-Improving Students' Mathematical Proficiency through Formative Assessment: Responding to an Urgent Need in the Common Core Era*

EDWARD A SILVER (SOE-Educational Studies)

\$184,499 06/15/2014 - 05/31/2015

*Doctoral Dissertation Improvement Grant : The Organization of Late Paleoindian and Early Archaic Caribou Hunters in the Great Lakes: An Underwater Archaeological Investigation*

JOHN M O'SHEA (LSA Museum of Anthro Arch)

\$25,175 07/01/2014 - 06/30/2015

*ICorps: Wearable Transdermal Vapor Sensors for Non-invasive Continuous Disease Monitoring*

XUDONG FAN (Biomedical Engineering)

\$50,000 07/01/2014 - 12/31/2014

*REU Supplement: SHF: Small: Native Stochastic Computing Based on Memristors 2014*

ZHENGYA ZHANG (COE EECS - ECE - SSEL)

\$8,000 07/15/2013 - 06/30/2015

*Collaborative Research on Carbon, Water, and Energy Balance of the Arctic Landscape at Flagship Observatories in Alaska and Siberia: Supplemental funding*

GEORGE W KLING (LSA Ecology & Evolutionary Bio)

\$59,992 09/01/2011 - 08/31/2016

*Collaborative Research: Climate Controls on Aerosol Fluxes to Taylor Dome and Taylor Glacier - Supplemental*

SARAH M ACIEGO (LSA Earth & Environmental Sci.)

\$16,275 10/01/2013 - 05/31/2017

*Supplemental funding: Studies in Mathematical Physics: Advection, Convection and Turbulent Transport*

CHARLES R DOERING (LSA Mathematics)

\$60,000 08/15/2013 - 07/31/2015

*REU-HCC: Medium: Collaborative Research: Improved Control and Sensory Feedback for Neuroprosthetics*

BRENT GILLESPIE (Mechanical Engineering)

\$16,010 06/01/2014 - 05/31/2015

*Decorative power generation panels and related optoelectronics systems (I-Corps)*

L JAY GUO (COE EECS - ECE - SSEL)

\$50,000 07/01/2014 - 12/31/2014

*Cell Failure Analysis of Lithium-ion Batteries*

JIE SHEN (Dbn Col of Eng-Computer & Info)

\$50,000 07/01/2014 - 12/31/2014

*I-Corps: Sustainable Infrastructure Rehabilitation*

VICTOR C LI (Civil & Environmental Engr)

\$50,000 07/01/2014 - 12/31/2014

*I-Corps: Distributed Energy Management Systems for Grid Integration of Distributed Energy Storage Devices*

WENCONG SU (Dbn Col of Eng-Electric & Comp)

with CHRIS MI

\$50,000 07/01/2014 - 12/31/2014

*Search Based Software Engineering: Building a North American Community*

MAROUANE KESSENTINI (Dbn Col of Eng-Computer & Info)

\$12,000 07/01/2014 - 06/30/2015

**National Space Biomedical Research Institute**

*Sensorimotor Adaptation Team Lead*

RACHAEL D SEIDLER (School of Kinesiology)

\$60,000 06/01/2014 - 05/31/2015

**National University of Singapore**

*IPS Social Lab Project*

FRANK P STAFFORD (SRC-Psid)

\$55,500 06/01/2014 - 05/31/2015

**Nichols Consulting Engineers**

*Advancement of Profile-Based Curl and Warp Analysis Using LTPP Profile Data*

DAVID J LEBLANC (UMTRI-Engineering Systems)

\$83,220 01/01/2014 - 03/31/2015

**Nymirum, Inc**

*RECHARGE: Small Molecule Synthesis (NIH)*

SCOTT D LARSEN (PHARMACY Medicinal Chemistry)

\$2,438 11/26/2013 - 07/31/2014

**Ohio State University, The**

*UM Biological Station AmeriFlux Core Site Project*

KNUTE J NADELHOFFER (LSA Biological Station)

with CHRISTOPH S VOGEL

\$334,523 04/18/2014 - 09/30/2016

**Panasonic Company**

*Panasonic DSRC Field Testing*

JAMES R SAYER (UMTRI-Human Factors)

\$63,911 06/20/2014 - 09/19/2014



**PRA International**

*A Phase 1 Study to Evaluate the Safety, Tolerability, and Pharmacokinetics of MEDI4736 in Subjects with Advanced Solid Tumors*

DAVID C SMITH (Int Med-Hematology/Oncology)

\$1,376,376 06/06/2014 - 03/28/2019

*A Multicenter, Randomized, Open-Label Phase 3 Study to Investigate the Efficacy and Safety of Aldoxorubicin Compared to Investigator's Choice in Subjects with Metastatic, Locally Advanced, or Unresectable Soft Tissue Sarcomas Who Either Relapsed or Were Refractory to Prior Non-Adjuvant Chemotherapy*

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$401,737 06/18/2014 - 11/23/2017

**Presbyterian Villages of Michigan (PVM) Foundation**

*PVM and Hannan Foundation Strategic Alliance to Create Service Villages of Michigan*

RUTH E DUNKLE (School of Social Work)

with KAREN HARLOW-ROSENTRUB

SUE ANN SAVAS

\$100,000 01/01/2014 - 12/31/2014

**President, Executive Office of the**

*Tesar IPA - President's Council of Economic Advisers (CEA)*

LINDA L TESAR (LSA Economics)

\$137,500 07/07/2014 - 07/06/2015

**Pusan National University**

*Advanced Structural Integrity Assessment Method for Ship and Offshore Structures: Numerical Implementation and Validation*

PINGSHA DONG (Naval Arch & Marine Dept)

\$83,890 03/01/2014 - 02/28/2015

**Quintiles, Inc**

*A Randomized, Double-blind, Placebo-controlled, Phase 2 Clinical Trial of Alisertib (MLN8237) in Combination With Paclitaxel Versus Placebo in Combination With Paclitaxel as Second Line Therapy for Small Cell Lung Cancer (SCLC)*

GREGORY KALEMKERIAN (Int Med-Hematology/Oncology)

\$296,878 06/06/2014 - 11/09/2016

**Radiological Society of North America**

*Investigating the Role of SChLAP1, a Novel Long Noncoding RNA, in Prostate Cancer Radioresistance*

FELIX Y FENG (Radiation Oncology - Ann Arbor)

\$30,000 07/01/2014 - 06/30/2015

**Registrat**

*REGISTRY PROTOCOL P11-282 A Long-Term Non-Interventional Registry to Assess Safety and Effectiveness of HUMIRA? (Adalimumab) in Patients with Moderately to Severely Active Ulcerative Colitis (UC)*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$289,566 06/25/2014 - 07/30/2024

**Renal Research Institute, LLC**

*Collaborative for Clinical/Translational Research between the Renal Research Institute (RRI) and the University of Michigan-Kidney Epidemiology and Cost Center (UM-KECC)*

RAJIV SARAN (Int Med-Nephrology)

with ANNA MATHEW

BRENDA WILSON GILLESPIE

FARSAD AFSHINNIA

MICHAEL HEUNG

SCOTT HUMMEL

\$256,000 01/01/2014 - 12/31/2014

**Research Foundation of Mental Hygiene, Inc.**

*Connecting Brain and Behavior in the Very Brief Exposure Effect*

JOHN M SNODGRASS (Psychiatry-ASAP)

\$2,500 01/01/2014 - 05/31/2014

**Research to Prevent Blindness, Inc.**

*Neuronal Remodeling in Strabismus*

ALON KAHANA (Ophthalmology & Visual Science)

\$100,000 07/01/2014 - 06/30/2015

**Rice University**

*Modeling of Storm-Time Magnetosphere-Ionosphere-Thermosphere Dynamics*

AARON JAMES RIDLEY (Atm, Oceanic & Space Sci.)

\$39,800 02/07/2014 - 02/06/2015

**Rock West Solutions**

*Modeling of a Space Environment Test Facility*

IAIN D BOYD (Aerospace Engineering)

\$20,000 06/11/2014 - 01/31/2016

**Saudi Arabian Cultural Mission (SACM)**

*Fellowship-Saudi Cultural Mission*

RORY MARCUS MARKS (Int Med-Rheumatology)

\$99,882 07/01/2014 - 06/30/2016

**Science Exchange, Inc.**

*Eaton Science Exchange - Cancer Biology Reproducibility Project*

KATHRYN A EATON (Microbiology and Immunology)

\$75,492 06/01/2014 - 02/28/2015

**Simons Foundation**

*Problems in Statistical Mechanics and Partial Differential Equations*

JOSEPH G CONLON (LSA Mathematics)

\$35,000 09/01/2014 - 08/31/2019

*Scalable numerical methods for solving PDEs on moving geometries*

SHRAVAN KUMAR VEERAPANENI (LSA Mathematics)

\$35,000 09/01/2014 - 08/31/2019

*Intra-dendritic translatome in fragile X syndrome and ASDs*

KENNETH KWAN (Molecular & Behav Neurosc Inst)

\$60,000 06/01/2014 - 05/31/2015

**Smithsonian Institution**

*A Multiwavelength Probe of Black Hole Accretion Flows in Quiescence*

ELENA GALLO (LSA Astronomy)

\$38,356 03/20/2014 - 03/19/2015

*Exploring Astrophysical Hydrodynamics in the Laboratory*

PAUL A KEITER (Atm, Oceanic & Space Sci.)

\$111,399 07/01/2013 - 06/30/2015

**Society of Nuclear Medicine**

*Molecular Imaging of Inflammation in Cardiac Sarcoidosis*

VENKATESH LOCHARLA MURTHY (Department of Radiology)

\$25,000 07/01/2014 - 06/30/2015

**Space Telescope Science Institute**

*SDSS 0921+28: A Unique Lensed Quasar System*

KEREN SHARON (LSA Astronomy)

\$10,381 12/01/2013 - 11/30/2016

**Spencer Foundation**

*How can STEM Graduate Programs Diversify in a Post-Affirmative Action Context?*

JULIE RENEE POSSELT (SOE-CSHPE)

\$49,983 07/01/2014 - 06/30/2015

**St. Baldrick's Foundation**

*Development of targeted therapy for ATRX-deficient pediatric glioblastoma*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$144,129 07/01/2014 - 06/30/2016

**Temple University**

*Using Patient-Derived Neurons for Epilepsy Drug Discovery*

JACK M PARENT (Neurology Department)

with MICHAEL MARK ALEXANDER SUTTON

\$259,166 05/01/2014 - 04/30/2016

**The Association of State and Territorial Health Officials (ASTHO)**

*Center of Excellence in Public Health Workforce Studies*

ANGELA J BECK (Health Management and Policy)

MATTHEW L BOULTON (Health Management and Policy)

\$175,000 12/01/2013 - 06/30/2015

**The Greater Cincinnati Foundation**

*Michigan LeaderShape Institute 2014*

SIMONE HIMBEAULT TAYLOR (Michigan Leadership Institute)

\$10,000 01/01/2014 - 12/31/2014

**Transportation, Department of-National Highway Traffic Safety Administration**

*Electronic Safety System, IDIQ Task Order Contract*

DAVID J LEBLANC (Transportation Research Inst.)

with CAROL ANN FLANNAGAN

HUEI PENG

JOHN M SULLIVAN

PAUL ERIC GREEN

STEVE UNDERWOOD

\$1 06/13/2014 - 06/12/2019

**Uberoi Foundation for Religious Studies**

*Indian Religions Encyclopedia Project*

ARVIND-PAL SINGH MANDAIR (LSA Asian Languages & Cultures)

\$4,000 05/01/2014 - 04/30/2016

**United States Automotive Materials Partnership LLC**

*Fatigue Life Prediction for MFERD Phase III Dissimilar Metal Structures*

HONG-TAE KANG (Dbn Coll of Eng-Mechanical Eng)

\$35,068 06/01/2014 - 11/30/2015

**Universite Laval**

*Applying Methods of User-Centered Design to Achieve Patient-Centered Care*

ANGELA TSAI FAGERLIN (Int Med-General Medicine)

\$27,928 04/01/2014 - 03/31/2016

**University of Alabama**

*ATN Coordinating Center*

GARY W HARPER (Hlth Behavior & Hlth Ed Dept)

\$104,656 03/01/2014 - 02/28/2015

**University of Arizona**

*FESD Type I: Earth System Dynamics and its Role in the Human Evolution in Africa*

JOHN KINGSTON (LSA Anthropology)

\$24,438 09/01/2013 - 08/31/2018

**University of Detroit Mercy**

*Dental Hygiene Research Project - Planning Grant*

LAURA LEIN (School of Social Work)

with LUKE SHAEFER

\$68,372 01/01/2014 - 03/31/2015

**University of Iowa**

*Understanding Racial and Geographic Disparities in Hospital Observation Care*

KEITH E KOCHER (Emergency Medicine UM Adult)

\$26,945 05/01/2014 - 02/29/2016

**University of Maryland, The**

*Optimal measurements for scalable quantum technologies*

LUMING DUAN (LSA Physics)

\$500,000 12/15/2013 - 08/31/2014

*2014-2015 ACT National-Scale Efforts Toward Verification & Validation of Observing Technologies*

THOMAS H JOHENGEN (SNRE CILER)

\$140,000 06/01/2014 - 05/31/2015

**University of Toledo**

*LCLUC Synthesis: Ecosystem-Society Interactions on a Changing Mongolian Plateau.*

DAN BROWN (Sch of Nat Resources & Environ)

\$22,565 04/04/2014 - 06/30/2014

**University of Virginia**

*Development of the GnRH neuronal network and effects of prenatal androgens*

SUE MOENTER (Molec & Integrative Physiology)

with RICHARD ANTHONY DEFAZIO

\$360,314 04/15/2014 - 03/31/2015

**University of Washington**

*Daily Exposure Monitoring Intervention to Prevent Hearing Loss*

RICHARD L NEITZEL (Environmental Health Sciences)

\$150,000 09/01/2013 - 06/30/2014

*Life after MS diagnosis: a biopsychosocial assessment of symptom trajectory*

ANNA L KRATZ (Physical Medicine & Rehab Dept)

\$7,319 04/01/2014 - 03/31/2015

**Various Sponsors**

*Recharge: Human Phenotyping Core (lab services core)*

CHARLES BURANT (MI Metabolical & Obesity Ctr)

\$130,000 02/01/2014 - 01/31/2016

*RECHARGE - Clinical Simulation Center AHA Courses*

JAMES M COOKE (Med Ed/Clinical Simulaton Cntr)

\$30,677 06/01/2014 - 05/31/2015

*Recharge: Wheelchair Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$10,950 12/12/2012 - 12/12/2014

*AirWatch Partner Agreement 6/9/14 - 6/8/15*

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$5,000 06/09/2014 - 06/08/2015

**Veterans Affairs, Department of**

*VA IPA Barbara Shay FY15*

JAMES T FITZGERALD (Med Ed/Ofc of Ed Resources&Res)

\$41,715 10/01/2014 - 09/30/2015

**Washington University**

*Age of Blood in Children in Pediatric Intensive Care Units*

MICHAEL QUASNEY (Pediatrics-Intensive Care)

\$1 07/15/2013 - 05/31/2014

**Washtenaw County Road Commission**

*GIS Needs Study- Washtenaw County Road Commission*

MARTIN MARK KAUFMAN (Flint Earth & Resource Science)

\$4,248 06/01/2014 - 09/30/2014

**Water Pik, Inc**

*Fluoride release and thickness of fluoride varnishes*

CARLOS GONZALEZ (DENTCariology, Restor Sci & Endo)

\$5,000 06/01/2014 - 11/30/2014

**Wenner-Gren Foundation for Anthropological Research, Inc.**

*Mexican Exposures: An Experimental Method for a Bio-Ethnography of Urban Working-Class Families*

ELIZABETH FS ROBERTS (LSA Anthropology)

\$20,000 06/01/2014 - 07/30/2015

**William Mitchell College**

*Creation of products regarding cross-jurisdictional data sharing, a local board of health authority database and fact sheet series*

DENISE CHRYSLER (Health Management and Policy)

\$25,494 05/01/2014 - 06/30/2014

**Wissenschaftskolleg zu Berlin, Institute for Advanced Study**

*The End of Sex and the Return of Love: or, After Sexuality, Love*

DAVID M HALPERIN (LSA English Language & Lit.)

\$40,000 09/15/2014 - 07/15/2015

**World Auto Steel Association**

*Sustainability Reporting Expert Group*

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

\$19,351 05/01/2014 - 09/15/2014

**Yale University**

*Mechanisms Underlying the Progression of Large Arterial Stiffness in Hypertension*

ALBERTO FIGUEROA (Vascular Surgery Section)

\$99,773 06/01/2014 - 12/31/2014