

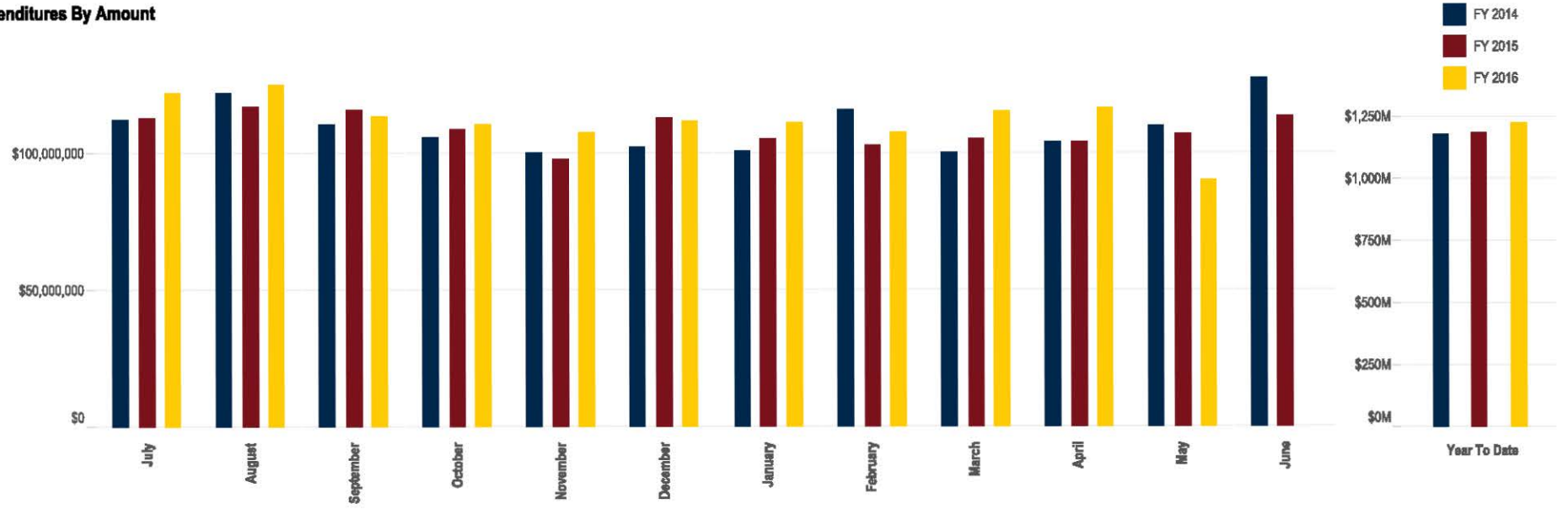
AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
July 1, 2015 through May 31, 2016

The awards detailed in this list were established July 1, 2015 through May 31, 2016. 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.

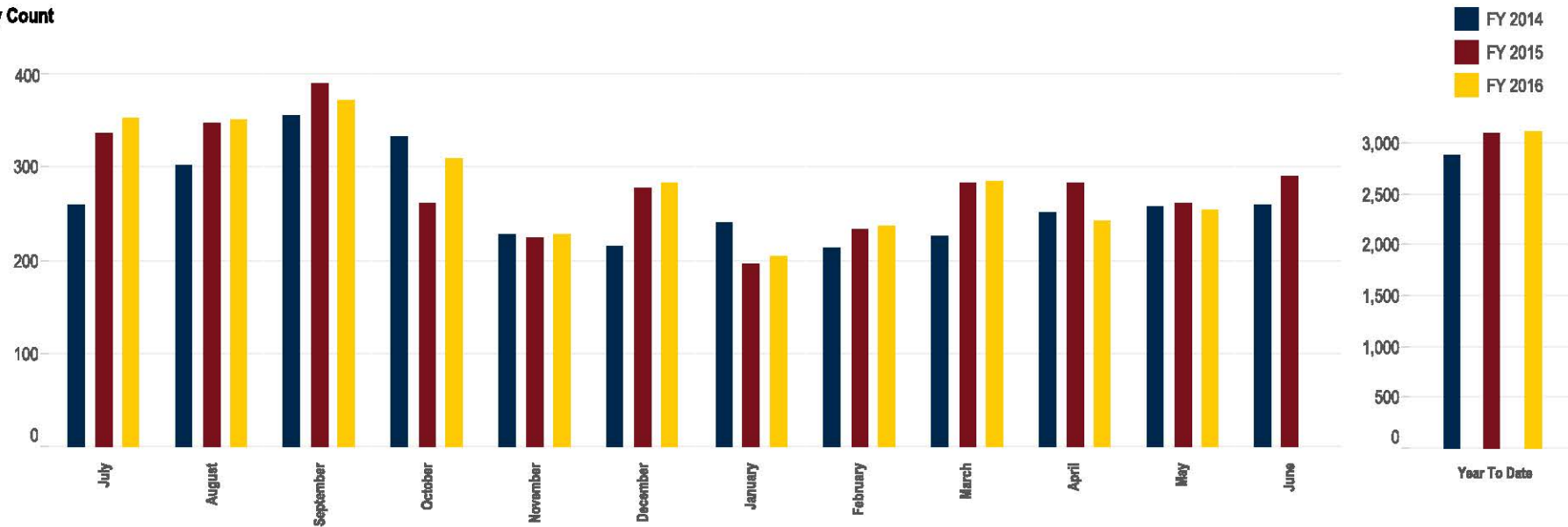
	Number of Awards FY 2015	Number of Awards FY 2016	% Change	Value of Awards FY 2015	Value of Awards FY 2016	% Change
Total Awards Processed (May)	256	251	-2.0%	\$ 83,838,665	\$ 68,964,373	-17.7%
Research Awards	164	162	-1.2%	\$ 68,962,823	\$ 57,532,200	-16.6%
Research Training	14	10	-28.6%	\$ 7,016,775	\$ 1,901,745	-72.9%
Other Sponsored Activity	78	79	1.3%	\$ 7,859,067	\$ 9,530,428	21.3%
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Total Awards Processed Fiscal Year to Date	3,034	3,085	1.7%	\$ 1,023,186,145	\$ 1,095,397,800	7.1%
Research Awards	1,798	1,888	5.0%	\$ 781,081,733	\$ 914,831,224	17.1%
Research Training	124	140	12.9%	\$ 34,198,149	\$ 44,884,027	31.2%
Other Sponsored Activity	1,112	1,057	-4.9%	\$ 207,906,263	\$ 135,682,549	-34.7%

May 2016 continues the recent trend of larger total award dollars as compared to the same month last year. This increase in average award sizes suggests further recovery after the sequestration of 2013. May 2016 saw four projects awarded with totals greater than \$2.8 million. The largest awarded proposal for May 2016 is \$ 2.97 million awarded to the Department of Family Medicine from the National Institutes of Health. May FY2016 year-to-date total number of awarded research training grants is the largest ever at 140, and the third largest ever in total awarded dollars for this category.

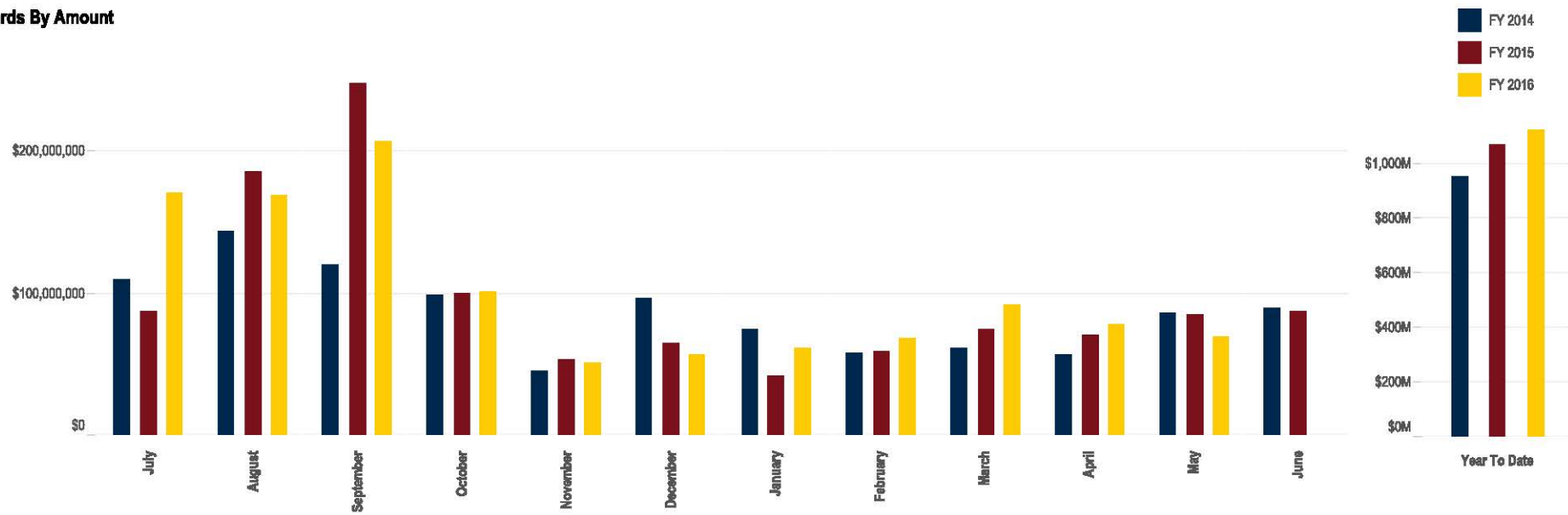
### Expenditures By Amount



### Awards By Count



### Awards By Amount





# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

May 01, 2016 through May 31, 2016

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.

## **Aegerion Pharmaceuticals**

### *Professional Consulting Agreement*

ELIF A ORAL (Metabolism, Endo & Diabetes)

\$2,500 04/21/2016 - 06/15/2016

## **Aerojet Corporation**

### *XR-100 Sub System Demonstration*

ALEC D GALLIMORE (Aerospace Engineering)

with JP SHEEHAN

\$355,822 03/01/2016 - 02/13/2017

## **Aleris Inc.**

### *Fatigue Characteristics of Aluminum Sheet Alloys*

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

\$14,438 06/13/2016 - 09/12/2016

## **Alex's Lemonade Stand**

### *Development of targeted DNA-damaging therapy for ATRX-deficient pediatric glioblastoma*

CARL KOSCHMANN (Pediatrics-Hematology/Oncology)

\$1,000 02/24/2016 - 06/30/2016

## **Alliance for Vision Research**

### *Pathogenic Studies of Thyroid Eye Disease: Retinoic Acid Interaction with Thyroid Hormone as a Trigger for Aberrant Cytokine Release, Leading to Tissue Inflammation and Fibrosis.*

ALON KAHANA (Ophthalmology & Visual Science)

\$7,500 05/02/2016 - 04/29/2017

### *Development of Clinical Tools for Telemedicine in Ophthalmology*

MARIA A WOODWARD (Ophthalmology & Visual Science)

\$5,000 05/08/2016 - 05/07/2017

## **American Academy in Rome**

### *Rome Prize: The Outlaw Sea: The Making of the Medieval Mediterranean*

HUSSEIN ANWAR FANCY (LSA History)

\$28,000 09/12/2016 - 07/28/2017

## **American Epilepsy Society**

### *Mechanisms and Drug Discovery in SCN8A Patient iPSC-Derived Neurons*

JACK M PARENT (Neurology Department)

\$45,000 07/01/2016 - 06/30/2017

**American Foundation for Pharmaceutical Education**

*Lukasz Ochyl AFPE 2016 - Elicitation of cancer-specific CD8+ T-cell responses with nanoparticle vaccination for therapeutic vaccination against melanoma*

ANTOINETTE E HOPPER (PHARMACY Pharmaceutical Sci)

\$10,000 09/01/2016 - 08/31/2017

*Eric Lachacz AFPE 2016 - Kinase Inhibitor-based Strategies for the Investigation of Kinase Chemical Biology and Disease*

ANTOINETTE E HOPPER (PHARMACY Medicinal Chemistry)

\$10,000 09/01/2016 - 08/31/2017

**American Heart Association, Midwest Affiliate**

*Optimizing Synthetic HDL Potency through Phospholipid Composition*

ANNA A S SCHWENDEMAN (PHARMACY Pharmaceutical Sci)

\$4,000 06/01/2016 - 08/31/2016

**American Iron and Steel Institute**

*Monotonic Tensile and Fatigue Behavior of Sheet Steel*

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

\$56,684 05/01/2016 - 03/31/2017

**American Physiological Society**

*Regulation of Human Gastric Stem Cells*

LINDA C SAMUELSON (Molec & Integrative Physiology)

\$300 05/23/2016 - 07/29/2016

**Amneal Pharmaceuticals**

*Amneal Pharmaceuticals characterization of teriparatide for Forteo and Amneal generic*

ANNA A S SCHWENDEMAN (PHARMACY Pharmaceutical Sci)

\$49,500 04/29/2016 - 04/28/2017

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

*Early Onset Epilepsy Consortium (EOEC) Incremental funding 2016*

RENEE ADELE SHELLHAAS (Pediatrics-Neurology)

\$10,134 01/01/2016 - 12/31/2016

**Arbor Research Collaborative For Health**

*Dialysis Outcomes and Practice Patterns Study (DOPPS)*

MASAHITO JIMBO (Family Medicine)

\$17,231 01/01/2016 - 12/31/2016

**Arthritis National Research Foundation (ANRF)**

*Personalized approach to enhance prediction of psoriatic arthritis*

LAM CHEUNG TSOI (Dermatology Department)

\$100,000 07/01/2016 - 06/30/2017

*Thrombo-inflammatory role of neutrophils in lupus*

JASON SCOTT KNIGHT (Int Med-Rheumatology)

\$100,000 06/01/2016 - 05/31/2017

**ASLAP Foundation**

*2016 ASLAP Foundation Summer Fellowship Program*

JEAN ANN NEMZEK (Lab Animal Medicine Unit)

\$5,000 05/11/2016 - 08/02/2016

**Astra Zeneca AB**

*Target Characterization and IHC Validation (MedImmune)*

MATTHIAS KRETZLER (Int Med-Nephrology)

with JEFFREY B HODGIN  
WENJUN JU

\$422,106 05/10/2016 - 12/31/2017

**AtriCure, Inc.**

*CryoICE CryoAnalgesia study for pain management in post thoracic procedures via intercostal cryoanalgesia (FROST)*

MATTHEW AUGUSTIN ROMANO (Cardiac Surgery)

with STEVEN F BOLLING

\$155,875 02/10/2016 - 01/31/2021

**AT&T Corporation**

*Corporate Partner Program AT&T 6/27/2016-6/26/2017*

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$10,000 06/27/2016 - 06/26/2017

**Avellino Laboratory USA, Inc**

*Keratonocous genetic screening study*

SHAHZAD I MIAN (Ophthalmology & Visual Science)

\$5,000 12/10/2015 - 09/14/2016

**Baxter Healthcare Corporation**

*Time motion study of CRRT solution preparation*

BRUCE A MUELLER (Clinical Pharmacy)

with JOHN S CLARK

\$92,574 05/10/2016 - 05/09/2017

**Behavioral Connections of Wood County Inc**

*Evaluation of a Residential Treatment Program for Pregnant and Post-Partum Women*

ADDIE WEAVER (School of Social Work)

with SUE ANN SAVAS

\$195,207 05/13/2016 - 05/12/2019

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

*Efficacy of Ustekinumab followed by Abatacept for the treatment of Psoriasis Vulgaris*

YOLANDA ROSI HELFRICH (Dermatology Department)

\$93,902 02/01/2016 - 01/31/2017

**Boehringer Ingelheim, Ltd.**

*Effects of nintedanib on lung fibroblast extracellular matrix production and signaling*

JEFFREY C HOROWITZ (Int Med-Pulm./Critical Care)

with ERIC S WHITE

\$40,000 05/01/2016 - 04/30/2017

**Boeing Company, The**

*kparrish - New PAF - Fri Mar 11 15:09:54 EST 2016*

JOAQUIM R R A MARTINS (Aerospace Engineering)

\$49,950 04/27/2016 - 12/31/2016

**Brain and Behavior Research Foundation**

*Effects of an Anxious Phenotype on Fear Learning in Infancy*

JACEK DEBIEC (Molecular & Behav Neurosc Inst)

\$70,000 01/15/2016 - 01/14/2018

**Brain Research Foundation**

*Brain somatic mutations at ASD-associated genetic loci*

KENNETH KWAN (Molecular & Behav Neurosc Inst)

\$80,000 06/01/2016 - 05/31/2018

**Celgene Corporation**

*A PHASE 2, OPEN-LABEL, MULTICENTER STUDY TO EXPLORE THE EFFICACY AND SAFETY OF MONGERSEN (GED-0301) IN SUBJECTS WITH ACTIVE ULCERATIVE COLITIS*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$85,755 02/02/2016 - 01/28/2017

**Chalmers J. Lyons Academy**

*Prosthesis guided speech rehabilitation of T1/T2 cancers of the tongue (PGSRT): a randomized prospective clinical trial*

STEPHANIE MARIE MUNZ (DENT OM Surgery/HD)

\$20,525 05/03/2016 - 05/02/2018

**CHDI Foundation, Inc.**

*Enroll-HD: Participant travel for, A Prospective Registry Study in a Global Huntington's Disease Cohort*

NOELLE E CARLOZZI (Physical Medicine & Rehab Dept)

\$8,625 03/22/2016 - 12/31/2018

**Children's Hospital of Philadelphia, The**

*A PHASE 1 STUDY OF RAMUCIRUMAB, A HUMAN MONOCLONAL ANTIBODY AGAINST THE VASCULAR ENDOTHELIAL GROWTH FACTOR-2 (VEGFR-2) RECEPTOR IN CHILDREN WITH REFRACTORY SOLID TUMORS, INCLUDING CNS TUMORS*

RAJEN J MODY (Pediatrics-Hematology/Oncology)

\$36,000 02/26/2016 - 02/28/2020

**Chiltern International, Inc**

*TRITON: The efficacy and safety of initial triple versus initial dual oral combination therapy in patients with newly diagnosed pulmonary arterial hypertension: A multi-center, double-blind, placebo-controlled, Phase 3b study*

VALLERIE MCLAUGHLIN (Int Med-Cardiology)

\$177,320 03/16/2016 - 03/31/2019

**Commerce, Department of-National Oceanic and Atmospheric Administration**

*MI\_Meckley FY2016 Knauss - Trevor Meckley*

JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)

\$56,500 02/01/2016 - 01/31/2017

*MI\_Spooner FY2016 Knauss - Ellen Spooner*

JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)

\$56,500 02/01/2016 - 01/31/2017



**Commerce, Department of-Office of the Secretary**

*Great Lakes Trade Adjustment Assistance Center FY 2015-2016*

SCOTT DAVID JACOBS (IRLEE)

\$997,233 05/01/2016 - 04/30/2017

**Conquer Cancer Foundation of ASCO**

*Predicting brain metastases in breast cancer patients through molecular profiling.*

DANIEL F HAYES (Int Med-Hematology/Oncology)

with KELLEY KIDWELL

\$200,000 07/01/2016 - 06/30/2019

**Covance Inc.**

*A three arm randomized, open-label Phase II study of radium-223 dichloride 50 kBq/kg versus 80 kBq/kg, and versus 50 kBq/kg in an extended dosing schedule in subjects with castration-resistant prostate cancer metastatic to the bone*

MAHA HUSSAIN (Int Med-Hematology/Oncology)

\$2,320 08/14/2014 - 07/14/2021

**Cydan Development**

*Identification of predisposing CNS-penetrant therapeutic compounds for Spinocerebellar Ataxia Type 3*

HENRY L PAULSON (Neurology Department)

MARIA DO CARMO PEREIRA DA COSTA (Neurology Department)

\$100,000 05/15/2016 - 05/14/2017

**Damon Runyon Cancer Research Foundation**

*Dual-Antigen Targeting by ENG-T Cells as Improved anti-AML Therapy*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$256,000 08/01/2016 - 07/31/2020

**Dana-Farber Cancer Institute**

*TBCRC 22: A Phase II Trial of HKI-272 (Neratinib) for Patients with Human Epidermal Growth Factor Receptor 2 (HER2)-Positive Breast Cancer and Brain Metastases*

CATHERINE H VAN POZNAK (Int Med-Hematology/Oncology)

\$5,868 08/22/2012 - 08/21/2016

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

*Sub-Diffraction Temperature Mapping of Protein Interconversions*

SOMIN EUNICE LEE (COE EECS - ECE - SSEL)

\$368,685 05/15/2016 - 05/14/2019

*"Extensions to Predictive Control and Parameter Governors for Applications to Autonomous Vehicles and Vehicle Formations"*

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

with ANOUC K RENEE GIRARD

\$95,427 05/01/2016 - 04/30/2017

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

*Mechanics of Nanowire Interfaces Across Strain Rates*

HENRY SODANO (Aerospace Engineering)

\$244,070 05/01/2016 - 10/31/2017

*A Novel Instrument for Probing Near-Field Radiation and Thermophotovoltaic Energy Conversion in Nanostructured and Low Bandgap Materials*

EDGAR MEYHOFER (Mechanical Engineering)

\$296,239 04/20/2016 - 04/19/2017

*Robust Software Framework of Autonomous Unmanned Aerial Vehicle for Navigation, Environment Monitoring, Target Tracking, Search and Rescue, and Obstacle Avoidance.*

STANLEY SEUNGHOO BAEK (Dbn Col of Eng-Electric & Comp)

\$24,000 04/01/2016 - 09/30/2016

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

*Tuning Quantum Interferences in Nanoscale Molecular Junctions for High Power and High Efficiency Energy Conversion*

PRAMOD SANGI REDDY (Mechanical Engineering)

with EDGAR MEYHOFER

\$885,000 06/01/2016 - 05/31/2019

**Denso International America**

*Effectiveness of innovative driver interfaces using focal and peripheral displays*

MICHAEL J FLANNAGAN (UMTRI-Human Factors)

with ANUJ KUMAR PRADHAN

JOHN M SULLIVAN

SHAN BAO

\$200,000 03/01/2016 - 02/28/2017

**Dermatology Foundation**

*Identification of psoriasis-associated lncRNAs through systems biology framework*

LAM CHEUNG TSOI (Dermatology Department)

\$55,000 07/01/2016 - 06/30/2017

**Director of National Intelligence, Office of the**

*Comb-based Multidimensional Coherent Spectroscopy*

STEVEN THOMAS CUNDIFF (LSA Physics)

\$394,955 05/06/2016 - 05/05/2017

**Dow Chemical Company Foundation, The**

*Characterization by Rutherford Backscattering Spectrometry*

GARY S WAS (Nuclear Eng & Radiological Sci)

\$20,000 04/25/2016 - 04/25/2018

**Dreyfus, Camille and Henry, Foundation, Inc.**

*New Approaches to Develop Catalysts for Energy Relevant Chemical Conversions*

NATHANIEL SZYMCZAK (LSA Chemistry)

\$75,000 05/01/2016 - 04/30/2021

**Duke, Doris, Charitable Foundation**

*Defining the epigenetic landscape of pediatric posterior fossa ependymoma*

SRIRAM VENNETI (Pathology Department)

\$495,000 07/01/2016 - 06/30/2019

**Emory University**

*Understanding Disparities in Effective HIV Treatment and Prevention: Involvement +*

ROBERT BRIAN STEPHENSON (SON-Grants)

\$44,000 07/01/2015 - 02/28/2019

**Energy, Department of**

*Optical Two-Dimensional Spectroscopy of Semiconductor Quantum Wells and Quantum Dots*

STEVEN THOMAS CUNDIFF (LSA Physics)

\$450,000 06/01/2016 - 05/31/2019

*Search for Dark Matter with the LZ experiment*

WOLFGANG B LORENZON (LSA Physics)

with CARL W AKERLOF

\$340,000 05/01/2016 - 03/31/2018

*High Energy Theory Workshops and Visitors at the Michigan Center for Theoretical Physics FY17*

AARON THOMAS PIERCE (LSA Physics)

\$20,000 08/01/2016 - 07/31/2017

*Supplemental Proposal to Study the Properties and Interactions of Elementary Particles*

DANTE ERIC AMIDEI (LSA Physics)

\$16,000 05/01/2012 - 03/31/2017

**Environmental Defense Fund (EDF)**

*Empowering Change Agents through Climate Corps*

DON SCAVIA (Graham Sustainability Inst.)

with SARA SODERSTROM

\$10,000 04/01/2016 - 12/31/2016

**European Squirrel Initiative**

*The role of parasite spill over and stress on the replacement of native Eurasian red squirrels by introduced American grey squirrels*

BEN DANTZER (LSA Psychology)

\$2,000 05/01/2016 - 04/30/2017

**ExxonMobil Corporation**

*Corporate Partner Program Exxon Mobil 4/16/2016 - 4/15/2017*

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$2,500 04/16/2016 - 04/15/2017

**Exxon Research and Engineering**

*Heterogeneous catalytic processes for chemical upgrading of methane*

SULJO LINIC (Chemical Engineering Dept)

\$186,000 06/01/2016 - 05/31/2018

**Flint, City of**

*Research Grant Proposal to Evaluate the City of Flint's Draft Zoning Code*

RICHARD K NORTON (Urban Planning)

\$14,900 01/15/2016 - 03/31/2016

**FM Global**

*FM Global-Summer Internship-Xingpeng Yu*

ANN E JEFFERS (Civil & Environmental Engr)

\$14,850 06/01/2016 - 09/09/2016

**Ford Motor Company**

*NSF I/UCRC on Intelligent Maintenance Systems Membership - Ford Motor Co., - 2016*

JUN NI (CoE Ind/Univ Coop Research Ctr)

\$40,000 01/01/2016 - 12/31/2016

*Ford Alliance: Physiology based enabling technology for driver comfort and well being*

YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)

\$199,621 06/01/2016 - 05/31/2018

*Characterization of Metallic Materials*

KAI SUN (Materials Science & Engin.)

\$45,000 01/01/2016 - 12/31/2016

*Knock with Ethanol and Ethanol-Gasoline Blends under Realistic Boosted Operation*

GEORGE A LAVOIE (Mechanical Engineering)

\$200,038 01/01/2016 - 12/31/2017

*Visual Comfort of Older Drivers Year 2*

MOJTABA NAVVAB (Coll of Arch & Urban Planning)

\$100,000 09/01/2016 - 08/31/2017

*Steering Disturbance Rejection Control Strategy*

JAMES S FREUDENBERG (COE EECS - ECE - Con)

with BRENT GILLESPIE

\$199,149 05/01/2016 - 04/30/2018

*Dealer Econometrics at Individual Dealership Level and the Associated Optimal C&I Design*

PETER J LENK (ROSS SCH Research Support)

\$93,489 05/01/2016 - 04/30/2017

*Li7La3Zr2O12 Based Solid State battery*

JEFF S SAKAMOTO (Mechanical Engineering)

\$198,000 09/01/2016 - 08/31/2018

*2016 Ford/U-M Alliance Executive Committee Meeting*

STELLA THEOCHARAKIS WIXOM (Business Engagement Center)

\$15,000 04/01/2016 - 09/30/2016

*Development of CAE Fatigue Damage Model for Bus Bar Laser-Welded Joints*

PINGSHA DONG (Naval Arch & Marine Dept)

\$78,000 05/06/2016 - 01/31/2017

**Foundation for Anesthesia Education and Research**

*FAER 2016 Medical Student Anesthesia Research Fellowship (MSARF)*

GEORGE A MASHOUR (Anesthesiology Department)

\$4,200 06/01/2016 - 12/31/2016

**General Electric Company**

*Demonstrate an improvement in SOC estimation over existing techniques over a range of temperatures in a bench prototype.*

ANNA G STEFANOPOULOU (Mechanical Engineering)

with JASON BENJAMIN SIEGEL

\$217,000 01/01/2013 - 12/31/2016

**General Motors Company**

*In-Line Optimization for Engine Control Set-points Calibration*

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

with ANDRE L BOEHMAN

ANOUC RENE GIRARD

\$120,011 05/03/2016 - 05/03/2018

*Innovative Adjoint Methods for Road Vehicle Aerodynamics*

KARTHIK DURASAMY (Aerospace Engineering)

\$100,000 05/17/2016 - 12/31/2016

**Genesee Intermediate School District**

*Great Start Readiness UM Flint Summer 15*

DELLA BECKER-CORNELL (Flint ECDC)

\$13,050 06/01/2015 - 09/30/2015

**George Washington University**

*Emotional Distress in a Comparative Effectiveness Trial of Diabetes Treatments*

RODICA BUSUI (Metabolism, Endo & Diabetes)

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

\$36,442 09/01/2015 - 03/31/2020

**Gift of Life Michigan**

*Michigan Libraries for Life 2016-2017*

KATE MACDOUGALL SAYLOR (Library - Health Sciences)

\$18,340 07/01/2016 - 06/30/2017

**Goodyear Tire and Rubber Compa**

*Sustainable Worldwide Transportation\_Goodyear*

MICHAEL SIVAK (UMTRI-Human Factors)

\$25,000 03/21/2016 - 03/20/2017

**Health and Human Services, Department of-Agency for Health Care Research and Quality**

*A geofencing based adaptive messaging system to support patient self-management of a low sodium diet in hypertension*

MICHAEL PATRICK DORSCH (Clinical Pharmacy)

with SCOTT HUMMEL

\$299,622 05/03/2016 - 04/30/2018

**Health and Human Services, Department of-Centers for Disease Control and Prevention**

*NSFG Year 5-Addl SOW for Interviewer Costs and Sample Systems Updates*

MICK P COUPER (SRC-Survey Methodology)

\$322,712 09/01/2015 - 08/31/2016

**Health and Human Services, Department of-Centers for Medicare and Medicaid Services**

*End Stage Renal Disease (ESRD) Quality Measure Development & Maintenance Support - modification 4*

YI LI (Biostatistics Department)

with JACK WHEELER

\$139,436 09/26/2015 - 09/25/2016

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

*Modulation of aging through mechanisms of nutrient demand and reward*

SCOTT PLETCHER (Molec & Integrative Physiology)

\$1,563,945 05/01/2016 - 04/30/2021

*Early Detection of Colorectal Cancer on Near-Infrared Molecular Endoscopy*

THOMAS D WANG (Int Med-Gastroenterology)

with DANIELLE KIM TURGEON

HENRY D APPELMAN

RICHARD S KWON

\$2,101,818 05/15/2016 - 04/30/2021

*Microfluidics in Biomedical Sciences Training Program*

SHUICHI TAKAYAMA (Biomedical Engineering)

\$1,396,140 09/01/2016 - 08/31/2021

*Multi-Source Sparse Learning to Identify MCI and Predict Decline*

JIEPING YE (Comp Med and Bioinformatics)

\$2,815,364 06/01/2016 - 05/31/2020

*Reducing Non-Medical Opioid Use: An automatically adaptive mHealth Intervention*

AMY S B BOHNERT (Psych Substance Abuse)

with FREDERIC C BLOW

JOHN D PIETTE

KAREN BELL FARRIS

MARK ANDREW ILGEN

MARY ROSE JANEVIC

REBECCA CUNNINGHAM

SATINDER SINGH BAVEJA

\$2,817,357 05/01/2016 - 01/31/2021

*Statistical and computational methods for rare variant association analysis*

SHAWN LEE (Biostatistics Department)

with MICHAEL LEE BOEHNKE

\$1,871,775 05/17/2016 - 04/30/2021

*High-resolution map of human germline mutation patterns and inference of mutagenic mechanisms*

JUN LI (Human Genetics Department)

SEBASTIAN K ZOELLNER (Human Genetics Department)

\$1,202,405 06/01/2016 - 05/31/2020

*The contemporary endocrinology of congenital adrenal hyperplasia*

RICHARD AUCHUS (Metabolism, Endo & Diabetes)

\$775,107 06/01/2016 - 03/31/2021

*MI-BP: mHealth to Improve Blood Pressure Control in Hypertensive African Americans*

LORRAINE R BUIS (Family Medicine)

with ANANDA SEN  
CAROLINE R RICHARDSON  
DAVID W HUTTON  
ZORA DJURIC

\$2,970,128 06/01/2016 - 05/31/2020

*Kinesin-2 Regulation of GLI Function in Hedgehog Signal Transduction*

BENJAMIN ALLEN (Cell and Developmental Biology)

with KRISTEN J VERHEY

\$1,324,793 06/01/2016 - 02/29/2020

*Perinatal Exposures, Tissue- and Cell-specific Epigenomics, & Lifecourse Outcomes*

DANA DOLINOY (Environmental Health Sciences)

with BRISA N SANCHEZ  
JUSTIN ADAM COLACINO  
KAREN EILEEN PETERSON  
MAUREEN SARTOR  
VASANTHA PADMANABHAN

\$2,465,902 06/01/2016 - 04/30/2020

*Testing the Calcium Hypothesis of Age-related Cognitive Decline*

GEOFFREY G MURPHY (Molecular & Behav Neurosc Inst)

\$2,050,100 05/15/2016 - 02/28/2021

*PGD: A shape memory degradable polymer for transcatheter atrial septal defect closure*

MARTIN LINDSEY BOCKS (Biomedical Engineering)  
SCOTT J HOLLISTER (Biomedical Engineering)

\$426,250 05/05/2016 - 04/30/2018

*Epigenetics of Arteriosclerosis in African American Hypertensive Sibships*

JENNIFER ANN SMITH (Epidemiology Department)

with SHARON REILLY KARDIA

\$2,162,486 07/01/2016 - 04/30/2020

*The Genetics of Primary Aldosteronism*

TOBIAS ELSE (Metabolism, Endo & Diabetes)

with EDGAR ALFRED OTTO  
JOSE JALIFE  
WILLIAM RAINEY

\$1,937,500 07/01/2016 - 04/30/2021

*Influence of Brain Inflammation on the Occurrence of Embolic Stroke*

SVETLANA STAMATOVIC (Pathology Department)

with ANUSKA V ANDJELKOVIC-ZOCHOWSKA  
RICHARD F KEEP

\$420,750 05/15/2016 - 04/30/2018

*Role of Cx43 signaling in cerebral cavernous malformation type-3 lesion*

ANUSKA V ANDJELKOVIC-ZOCHOWSKA (Pathology Department)

with RICHARD F KEEP  
SVETLANA STAMATOVIC

\$413,362 05/15/2016 - 04/30/2018

*Autophagy regulation of RSV-induced pulmonary disease*

DAVID LOMBARD (Pathology Department)  
NICHOLAS W LUKACS (Pathology Department)

with MARY X D O'RIORDAN

\$1,680,978 07/01/2016 - 06/30/2020

*H SCT-induced alterations in DCs to promote IL-17 and lung pathology*

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

with GREGORY A YANIK  
NICHOLAS W LUKACS

\$1,939,400 07/01/2016 - 04/30/2020

*Development of Mixed Function Opioid Peptides and Peptidomimetics - admin supplement*

HENRY I MOSBERG (PHARMACY Medicinal Chemistry)

with EMILY M JUTKIEWICZ

\$116,090 02/01/2016 - 01/31/2018

*TLR2 and rhinovirus-induced asthma exacerbations*

MARC B HERSHENSON (Pediatrics-Pulmonary Medicine)

with JOHN KELLEY BENTLEY

\$1,550,000 07/01/2016 - 03/31/2020

*Utilization of Engineered Skeletal Muscle Units to Repair Volumetric Muscle*

LISA M LARKIN (Molec & Integrative Physiology)

\$277,396 07/01/2015 - 05/31/2020

*Assay Novel Compounds*

JOHN R TRAYNOR (Pharmacology Department)

\$75,000 04/07/2016 - 04/06/2017

*Mechanisms of HLA-disease association: preliminary examination of the HLA cusp theory in myositis*

JOSEPH HOLOSHITZ (Int Med-Rheumatology)

\$37,536 05/16/2016 - 05/16/2017

*Visualization of Combinatorial Epigenetic Marks and Complexes in Animals Using Fluorescence Complementation*

TOM K W KERPPOLA (Biological Chemistry Dept)

\$8,467 06/01/2014 - 05/31/2017

**Hemophilia Foundation of Michigan**

*Region V East 2016-2017 Cascade Hemophilia Consortium Grant proposal for Patient Assistance*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$114,550 06/01/2016 - 05/31/2017

**Herrick Foundation**

*Materials and Process Qualification for Cold Spray Additive Manufacturing*

PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)

\$100,000 05/01/2016 - 04/30/2017

**Hoosier Cancer Research Network (HCRN)**

*Phase Ib and Phase II Studies of anti-PD-1 Antibody Pembrolizumab (MK-3475) in Combination with Bevacizumab for the Treatment of Metastatic Renal Cell Carcinoma: Big Ten Cancer Research Consortium BTCRC-GU14-003*

AJJAI SHIVARAM ALVA (Int Med-Hematology/Oncology)

\$16,719 11/13/2015 - 10/31/2018



**Hope Foundation, The**

*Determining the role of AICDA in development of T790M mutation in lung cancer patient derived xenograft*

KHALED HASSAN (Int Med-Hematology/Oncology)

\$59,524 01/01/2016 - 12/31/2016

**Hyundai Motor Company**

*Aerostructural Design of a Vehicle Spoiler via Optimization Under Uncertainty*

JOAQUIM R R A MARTINS (Aerospace Engineering)

\$139,994 05/01/2016 - 04/30/2018

**Innovative Scientific Solution**

*TDLAS-based mass flow measurements in scramjet engine*

MIRKO GAMBA (Aerospace Engineering)

\$34,000 05/13/2016 - 02/15/2017

**Insieme per la Ricerca - ONLUS**

*Modeling PCDH19-Associated Epilepsy with Patient-Derived Neurons and In Vivo Genome Editing*

JACK M PARENT (Neurology Department)

\$14,916 04/01/2016 - 03/31/2017

**Intel Corporation**

*Intel Corporation Leadership Circle Membership with MTC*

HUEI PENG (MI Mobility Transformation Ctr)

\$666,666 01/01/2016 - 12/31/2017

**International Association of Providers of AIDS Care (IAPAC)**

*HIV Center for Clinical and Behavioral Studies-Admin Supplement*

K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)

\$23,608 09/30/2015 - 01/31/2016

**Jaeb Center for Health Research**

*Study of Adult Strabismus (SAS1)-A Prospective Observational Study of Adult Strabismus*

MONTE A DELMONTE (Ophthalmology & Visual Science)

\$9,804 04/13/2016 - 02/14/2018

**Janssen Research and Developme**

*Randomized, Double-blind, Placebo-controlled Phase 3 Study of PCI-32765, a Bruton's Tyrosine Kinase (Btk) Inhibitor, in combination with Bendamustine and Rituximab (BR) in Subjects With Relapsed or Refractory B-Cell Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma*

DALE LEE BIXBY (Int Med-Hematology/Oncology)

\$41,444 02/08/2013 - 10/31/2017

**Jet Propulsion Laboratory**

*PIXL Program, Phase A-Supplement FY16, April 2016*

DARREN SHAWN MCKAGUE (COE Climate & Space)

\$20,000 02/01/2015 - 07/31/2016

*Year 3 Funding: High-precision microwave spectroscopy of long-lived circular-state Rydberg atoms in microgravity*

GEORG A RAITHEL (LSA Physics)

\$198,352 05/04/2016 - 05/01/2017

**Johns Hopkins University**

*A Randomized Phase II Study Comparing Bipolar Androgen Therapy vs. Enzalutamide in Asymptomatic Men with Castration Resistant Metastatic Prostate Cancer: The TRANSFORMER Trial (Testosterone Revival Abolishes Negative Symptoms, Fosters Objective Response and Modulates Enzalutamide Resistance)*

DAVID C SMITH (Int Med-Hematology/Oncology)

\$131,567 01/01/2015 - 09/29/2017

**Joslin Diabetes Center**

*Metabolic pathways of increased cardiovascular risk in type 2 diabetes*

SUBRAMANIAM PENNATHUR (Int Med-Nephrology)

with JAEMAN BYUN

\$479,888 04/01/2016 - 02/29/2020

**JPB Foundation**

*Women of Color and Family Obesity Management*

RANDALL W BROWN (Hlth Behavior & Hlth Ed Dept)

with KATHERINE W BAUER

PETER XUEKUN SONG

\$2,900,000 05/01/2016 - 04/30/2019

**J P Morgan Chase Foundation**

*Law School Detroit Neighborhood Business Project clinic*

MICHAEL S BARR (Law School Research Admin)

\$127,200 10/29/2015 - 10/28/2016

**Justice, Department of**

*Juvenile Justice Data Resources Project-Supplement #2*

JUKKA SAVOLAINEN (ICPSR-Archival Development)

\$570,984 09/01/2016 - 08/31/2017

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

*Nitric Oxide Releasing Cannula for Prolonged Subcutaneous Insulin Infusion*

MARK E MEYERHOFF (LSA Chemistry)

with ALVARO ROJAS PENA

ROBERT HAWES BARTLETT

\$201,520 07/01/2016 - 06/30/2018

**King Abdullah University of Science and Technology Saudi Arabia**

*High-Fidelity Combustion Model Development for Emissions Predictions*

VENKATRAMANAN RAMAN (Aerospace Engineering)

\$89,998 07/01/2016 - 06/30/2017

**Leahey, L. S. B., Foundation**

*The development of male reproductive strategies in wild chimpanzees*

JOHN C MITANI (LSA Anthropology)

\$5,272 06/01/2016 - 08/31/2017

*Evolutionary consequence of adaptive genetic change among high-altitude Andeans*

ABIGAIL WINSLOW BIGHAM (LSA Anthropology)

\$25,000 08/01/2016 - 07/31/2017

*Franklin Mosher Baldwin Fellowship - Second Year*

ABIGAIL WINSLOW BIGHAM (LSA Anthropology)

\$15,000 06/01/2016 - 05/31/2017

**Leidos, Inc.**

*Integrated Models for Design Optimization and Manufacturing Tolerance Analysis for Vacuum Electron Devices.*

YUE YING LAU (Nuclear Eng & Radiological Sci)

with PENG ZHANG

\$480,000 04/21/2016 - 03/31/2020

**Light Age, Inc**

*SBIR Phase I: Advanced laser system for photoacoustic endomicroscopy*

XUEDING WANG (Biomedical Engineering - MS)

\$100,000 04/12/2016 - 12/31/2016

**Los Alamos National Security, LLC**

*Validation of Electron Beam Emission Mediated by a Plasma Contactor*

BRIAN E GILCHRIST (COE EECS - ECE - Rad)

\$138,643 04/01/2016 - 09/30/2018

**MedImmune, Inc.**

*Investigating CSC and TIL responses in IMT treated syngeneic mouse models.*

MAX S WICHA (Int Med-Hematology/Oncology)

with QIAO LI

\$1,056,975 05/26/2016 - 05/25/2019

**Melanoma Research Alliance (MRA)**

*Targeting mitochondrial metabolism in melanoma therapy*

DAVID LOMBARD (Pathology Department)

NOURI NEAMATI (Pathology Department)

ROBERT T KENNEDY (Pathology Department)

with COSTAS ANDREAS LYSSIOS

\$900,000 05/15/2016 - 05/14/2019

**Memorial Sloan-Kettering Cancer Center (MSKCC)**

*A phase II multicenter trial evaluating 3-year disease-free survival in locally advanced rectal cancer treated with chemoradiation + induction or consolidation chemotherapy, and total mesorectal excision or non-operative management.*

JOHN C KRAUSS (Int Med-Hematology/Oncology)

\$10,000 02/01/2016 - 01/31/2017

**Metro-Detroit Book and Author Society**

*Young Authors' Festival 2016*

ELAINE M LOGAN (Dbn Mardigian Library)

\$1,000 08/01/2016 - 12/31/2016

**Michelin Americas Research and**

*Sustainable Worldwide Transportation \_ Michelin*

MICHAEL SIVAK (UMTRI-Human Factors)

\$50,000 07/15/2016 - 07/14/2017

**Michigan Humanities Council**

*Oral Histories of Iranian-Americans in Michigan*

CAMRON M AMIN (Dbn CASL-Social Sciences)

\$24,830 07/15/2016 - 05/31/2017

**Michigan, State of, Education, Department of**

*Wayne Schools Global Geography Project-Supplement*

KAREN ANTOINETTE THOMAS-BROWN (Dbn CEHHS Education-OPERATIONS)

with LASHORAGE SHAFFER

\$6,200 07/01/2015 - 09/30/2016

**Michigan, State of, Health and Human Services, Department of**

*Radon Abatement Project*

DAVID MENDEZ (Health Management and Policy)

with RAFAEL MEZA

\$63,979 11/01/2015 - 09/30/2016

*Ryan White Part B*

JAMES RIDDELL IV (Int Med-Infectious Diseases)

\$60,000 03/01/2016 - 09/30/2016

*MOSAIC - Hospital Community Awareness*

ERIC ELSNER ADELMAN (Neurology Department)

\$2,000 03/01/2016 - 09/30/2016

**Multiparty Group for Advice on Science (MUGAS)**

*Systematic Review of Randomized Pediatric Trials of Oseltamivir*

ARNOLD S MONTO (Epidemiology Department)

RYAN MALOSH (Epidemiology Department)

with EMILY TOTH MARTIN

\$33,848 04/27/2016 - 12/31/2016

## **National Aeronautics and Space Administration**

*From Systematic Errors to Cosmology Using Large-Scale Structure*

DRAGAN HUTERER (LSA Physics)

\$334,260 04/19/2016 - 04/18/2019

*Space weather at Mercury: The effect of interplanetary coronal mass ejections on Mercury's atmosphere and magnetosphere*

JAMES ARTHUR SLAVIN (COE Climate & Space)

with BARTHOLOMEUS VAN DER HOLST

GABOR TOTH

JIM RAINES

VALERIY M TENISHEV

XIANZHE JIA

\$950,088 04/29/2016 - 04/28/2020

*Generalized Trajectory Modeling and Prediction for Unmanned Aircraft Systems*

ELLA MARIE ATKINS (Aerospace Engineering)

with ANOUCK RENEE GIRARD

DIMITRA PANAGOU

ILYA VLADIMIR KOLMANOVSKY

KARTHIK DURAISAMY

\$999,152 06/01/2016 - 11/30/2017

*Improving ice nucleation parameterizations in the upper troposphere using an LES model and satellite observations*

CHENG ZHOU (COE Climate & Space)

\$240,098 04/20/2016 - 04/19/2019

*Analysis of star forming regions in a highly magnified, lensed galaxy at z=2.48*

KEREN SHARON (LSA Astronomy)

\$21,700 06/01/2016 - 08/31/2017

## **National Endowment for the Humanities**

*The Moment of Reckoning: Imagined Death in Early Christianity*

ELLEN MUEHLBERGER (LSA Near Eastern Studies)

\$33,600 09/01/2016 - 04/30/2017

## **National Motor Freight Traffic Association, Inc**

*NMFTA: Cybersecurity of J1939*

ANDRE WEIMERSKIRCH (UMTRI-Engineering Systems)

\$40,984 05/01/2016 - 12/31/2016

## **National Science Foundation**

*Workshop: Building Better Future-Junior Scholar Support for the 2015 Annual Meeting of The Society for the study of Nanoscience and Emerging Technologies*

MICHAEL BENNETT (Health Management and Policy)

\$24,895 09/01/2015 - 10/02/2015

*REU Site: Interdisciplinary REU in the Structure and Function of Proteins*

CHERIE REBECCA DOTSON (College of Pharmacy)

RONALD W WOODARD (College of Pharmacy)

\$317,562 05/01/2016 - 04/30/2019

*Collaborative Research: Chokepoints: A Comparative Global Ethnography*

JATIN DUA (LSA Anthropology)

\$19,578 06/01/2016 - 05/31/2018

*CSR: NeTS: Medium: Collaborative Research: Enabling Flexible and High Performance Big Data Analytics Over Geo-Distributed Clouds*

N M MOSHARAF KABIR CHOWDHURY (EECS - CSE - SSRL)

\$400,000 06/01/2016 - 05/31/2020

*Electron and Nuclear Spin Interactions in Low-Dimensional Semiconductors*

VANESSA SIH (LSA Physics)

\$528,103 06/15/2016 - 05/31/2019

*Invariant Theory, Tensors and Applications*

HARM DERKSEN (LSA Mathematics)

\$285,000 07/01/2016 - 06/30/2019

*Mechanical critical systems: fluctuations, topology and self-assembly*

XIAOMING MAO (LSA Physics)

\$285,000 05/15/2016 - 04/30/2019

*Investigation of Extratropical Mechanisms, Land-Surface Properties, and Seasonal Precipitation Processes on Saharan Rainfall and Simulation of the African Humid Period*

CHRISTOPHER JAMES POULSEN (LSA Earth & Environmental Sci.)

\$330,950 07/01/2016 - 06/30/2019

*UNS: U.S.-China: Integrated Systems Modeling of Food-Energy-Water (FEW) Nexus for Urban Sustainability*

MING XU (Sch of Nat Resources & Environ)

with JEREMIAH JOHNSON

JOSH NEWELL

NANCY G LOVE

SHELIE MILLER

\$499,990 06/01/2016 - 05/31/2020

*Racial Identity as a Resilience Factor for African American Students Experiencing Racial Discrimination*

JACQUELINE SIMONE MATTIS (SOE-CPEP)

\$199,950 09/01/2016 - 08/31/2018

*Entangled Photon Imaging and Microscopy for Chemical and Biological Investigations*

THEODORE G GOODSON III (LSA Chemistry)

\$480,000 06/01/2016 - 05/31/2019

*New algorithms for consistent model selection beyond linear models*

XUMING HE (LSA Statistics)

\$300,000 09/01/2016 - 08/31/2019

*NSF/ENG/ECCS-BSF: Self-Assembled Superlattice Nanowires: A Pathway to High Efficiency Thermoelectrics*

RACHEL S GOLDMAN (Materials Science & Engin.)

\$360,000 06/01/2016 - 05/31/2019

*A Focused Test of Whether Neutron-Capture Elements Are Another Expression of the Multiple Populations Phenomenon in Globular Clusters*

IAN U ROEDERER (LSA Astronomy)

\$144,914 07/01/2016 - 06/30/2019

*Characterizing the Coronal Origins of Slow Solar Wind Using Heavy Ion Composition and Spectroscopic Observations*

JIM RAINES (COE Climate & Space)

with ENRICO LANDI  
LIANG ZHAO

\$370,563 09/01/2016 - 08/31/2019

*RAPID: Global Dependence of Livelihoods on Forests and the Impacts of Forest Investments: Disaster Recovery in Nepal*

ELISABETH GERBER (CPS-Research)

\$124,181 05/01/2016 - 04/30/2017

*FIA-NP: Collaborative Research: Named Data Networking Next Phase (NDN-NP)*

J ALEX HALDERMAN (EECS - CSE - SSRL)

\$100,000 05/01/2016 - 04/30/2017

*REU Supplement to CIF: Small: Self-Synthesizing Mixed-signal Circuits*

MICHAEL FLYNN (COE EECS - ECE - SSEL)

\$11,000 05/31/2016 - 08/31/2016

*REU Supplement to EAGER: Model Driven Framework for Audio Forensics*

HAFIZ MALIK (Dbn Col of Eng-Electric & Comp)

\$16,000 05/11/2016 - 06/30/2016

*REU Supplement: CAREER: Diagnosis of Forced Versus Intrinsic Low-frequency Variability in High-resolution Coupled Climate Models Using Geostrophic Turbulence Techniques*

BRIAN K ARBIC (LSA Earth & Environmental Sci.)

\$8,640 06/01/2014 - 05/31/2018

**New England Research Institute**

*Single Ventricle Reconstruction Extension Study Biologic Specimen Repository for Hyptoplastic Left Heart Syndrome and Other Single Ventricle Anomalies for the Pediatric Heart Network (SVRII)*

MARK WILLIAM RUSSELL (Pediatrics-Cardiology)

\$1,259 07/01/2013 - 06/30/2015

*Long-term Outcomes of Children with HLHS and the Impact of the Norwood Shunt Type (SVRIII)*

MARK WILLIAM RUSSELL (Pediatrics-Cardiology)

\$30,144 07/01/2015 - 12/31/2016

**North American Society for Sport Management (NASSM)**

*The effects of performance and moral actions on sports consumption behavior*

DAE HEE KWAK (School of Kinesiology)

\$1,001 04/26/2016 - 06/30/2017

**Novella Clinical, Inc**

*A Phase 1/2 Open-Label Study to Assess the Safety, Pharmacokinetics, and Anti-Tumor Activity of Oral EPI-506 in Patients with Metastatic Castration-Resistant Prostate Cancer*

DAVID C SMITH (Int Med-Hematology/Oncology)

\$2,774 11/13/2015 - 11/30/2018

**Oak Ridge National Laboratory**

*Accelerated AChE reactivator design by mechanistic neutron scattering studies*

TROY WAYNE WYMORE (LSA Chemistry)

\$49,995 05/01/2016 - 04/30/2017

**Osaka University**

*Joubert syndrome causal gene INPP5E suppresses autophagy through lipid metabolism - Medical Sciences Fellowship - Junya Hasegawa Osaka University*

LOIS S WEISMAN (Life Sciences Institute-Admin)

\$16,543 05/01/2016 - 04/30/2017

**Pfizer**

*Pfizer/University of Michigan Collaborative Research Agreement: Novel Biomarker Development for Preclinical and Clinical Studies.*

KENT J JOHNSON (Pathology Department)

\$27,800 04/01/2016 - 09/30/2016

**Pharmaceutical Research Associ**

*An Open-Label, Randomized, Crossover Pharmacokinetic Study to Determine Relative Bioavailability, Safety and Tolerability of Single Doses of Diazepam Nasal Spray Versus Diazepam Rectal Gel (Diastat?) in Patients with Refractory Epilepsy*

TEMENUZHKA MIHAYLOVA (Neurology Department)

\$297,290 03/17/2016 - 11/30/2017

**PhRMA Foundation**

*Chinese Parents' Valuation of Pediatric Combination and Co-Administered Vaccines*

MATTHEW L BOULTON (Epidemiology Department)

\$55,000 07/01/2016 - 06/30/2018



**PPD, Inc.**

*A randomized, open-label, controlled, multicenter study to compare the efficacy and safety of intravitreal ranibizumab with laser therapy in patients with retinopathy of prematurity*

CAGRI GIRAY BESIRLI (Ophthalmology & Visual Science)

\$202,965 04/14/2016 - 07/31/2018

*A multinational, multi-center, masked, randomized, controlled study to assess the safety and efficacy of lucinactant for inhalation in preterm neonates 26 to 32 weeks gestational age with respiratory distress syndrome*

STEVEN M DONN (Pediatrics-Neonatal/Perinatal)

\$251,034 04/01/2016 - 02/28/2018

*A Phase 2 Single Arm Study of Elotuzumab in Combination with Pomalidomide and Low Dose Dexamethasone (EPd) in Patients with Multiple Myeloma Relapsed or Refractory to Prior Treatment with Lenalidomide*

CRAIG E COLE (Int Med-Hematology/Oncology)

\$514,201 04/15/2016 - 04/30/2019

*Oral Budesonide Suspension (OBS) in Adolescent and Adult Subjects (11 to 55 Years of Age, Inclusive) with Eosinophilic Esophagitis: A Phase 3 Randomized, Double-blind, Placebo-controlled Study*

JOEL HOWARD RUBENSTEIN (Int Med-Gastroenterology)

\$190,228 03/22/2016 - 03/17/2018

*A Phase 3 Study to Evaluate the Safety and Efficacy of 99mTc-MIP-1404 SPECT/CT Imaging to Detect Clinically Significant Prostate Cancer in Men with Biopsy Proven Low-Grade Prostate Cancer who are Candidates for Active Surveillance (proSPECT-AS)*

MORAND RUEDIGER PIERT (Radiology-Nuclear Medicine)

\$66,812 05/10/2016 - 02/28/2017

*A PHASE 3 MULTICENTER, RANDOMIZED, DOUBLE-BLIND, EXTENSION STUDY TO EVALUATE THE SAFETY OF DAILY ORAL DOSING OF TAFAMIDIS MEGLUMINE (PF-06291826) 20 MG OR 80 MG IN SUBJECTS DIAGNOSED WITH TRANSTHYRETIN CARDIOMYOPATHY (TTR-CM)*

SCOTT HUMMEL (Int Med-Cardiology)

\$135,968 05/26/2016 - 05/31/2023

**PRA Health Sciences**

*A Long -Term Extension Study of Lesinurad in Combination with Allopurinol for Subjects Completing an Efficacy and Safety Study of Lesinurad and Allopurinol*

PUJA KHANNA (Int Med-Rheumatology)

\$9,738 02/01/2014 - 12/31/2017

**Procter & Gamble Co.**

*Primary Caries Prevention of SnF2, NaMFP and NaF Dentifrices in a Microbial Artificial-Mouth Model.*

CARLOS GONZALEZ (DENTCariology,Restor Sci &Endo)

with SUSAN E FLANNAGAN

\$80,000 05/01/2016 - 04/30/2018

**ProTrials Research, Inc.**

*A Phase 1 Dose Escalation and Expansion Study of OMP-305B83 in Subjects with Solid Tumors*

DAVID C SMITH (Int Med-Hematology/Oncology)

\$807,984 03/12/2015 - 02/28/2020

**Quintiles, Inc**

*A Phase 2, Multi-Center, Open-Label Induction Trial with Extension Period to Assess Endoscopic Improvement and Changes in Intestinal and Serum Biomarkers in Patients with Moderately to Severely Active Crohn's Disease Receiving Oral RPC1063 as Induction Therapy*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$189,517 05/12/2016 - 04/30/2018

*A Phase 3, Rollover Study to Evaluate the Safety and Efficacy of Long-term Treatment With Lumacaftor in Combination With Ivacaftor in Subjects Aged 12 Years and Older With Cystic Fibrosis, Homozygous or Heterozygous for the F508del-CFTR Mutation*

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$1,680 01/30/2014 - 12/31/2016

**Rally Foundation**

*Ets1 as a subunit of Zmiz1-regulated Notch1 complexes in T-ALL*

MARK CHIANG (Int Med-Hematology/Oncology)

\$50,000 07/01/2016 - 06/30/2017

**Raytheon Company**

*Ablation Modeling of Arc Jet Test Data*

IAIN D BOYD (Aerospace Engineering)

\$30,000 07/01/2016 - 12/31/2016

**RTI International**

*National Intimate Partner and Sexual Violence Survey (NISVS)*

ANDY PEYTCHEV (SRC-Survey Methodology Prog)

\$129,052 10/15/2015 - 12/31/2016

**SAIC Motor**

*SAIC Motor Affiliate Membership with MTC*

HUEI PENG (MI Mobility Transformation Ctr)

\$100,000 01/01/2016 - 12/31/2017

**Salvation Army**

*Department of Justice-Enhanced Collaborative Model to Combat Human Trafficking*

BRIDGETTE ANN CARR (Law Clinical Activity)

with SUELLYN SCARNECCHIA

\$30,000 10/01/2015 - 09/30/2018

**Sandia National Laboratories**

*WIMS Center Associate Partner - Sandia Corporation 9/1/2014 - 8/31/2015*

YOGESH B GIANCHANDANI (COE EECS - ECE - WIMS - ERC)

\$6,000 09/01/2014 - 08/31/2015

**Sarcoma Alliance for Research Through Collaboration (SARC)**

*A Continuation Study of TH-CR-406/SARC021 for the Remaining Subjects Enrolled in TH-CR-406/SARC021 in the US*

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$2,550 04/20/2016 - 09/30/2017

**Schaffler Group USA Inc.***Study of Seal Friction*

WEI LU (Mechanical Engineering)

\$28,846 05/16/2016 - 09/16/2016

**Seattle Genetics, Inc***A phase 1 trial of SGN-CD33A in patients with CD33-positive acute myeloid leukemia*

DALE LEE BIXBY (Int Med-Hematology/Oncology)

\$651,464 03/03/2015 - 03/02/2020

**Shell Oil Company***Shell Oil Company Affiliate Membership with MTC*

HUEI PENG (MI Mobility Transformation Ctr)

\$150,000 01/01/2015 - 12/31/2017

**Simons Foundation***Structured Homotopy Theory*

IGOR KRIZ (LSA Mathematics)

\$35,000 09/01/2016 - 08/31/2021

**Sloan, Alfred P., Foundation***"Rising-Star" Workshop for Researchers in Computer-Supported Cooperative Work*

STEPHANIE D TEASLEY (School of Information)

\$20,000 04/01/2016 - 09/30/2016

**Smithsonian Institution***X-raying Fornax*

ELENA GALLO (LSA Astronomy)

\$87,370 05/03/2016 - 05/02/2018

**Society for Academic Emergency Medicine***Assessing the Pipeline into Emergency Medicine: A Model of Career Interest and Specialty Selection*

REBECCA CUNNINGHAM (Emergency Medicine UM Adult)

\$100,000 07/01/2016 - 06/30/2018

**Space Telescope Institute (STScI)***Constraining Pop III supernova energies and the formation of the first low-mass stars with the iron-poor star*

IAN U ROEDERER (LSA Astronomy)

\$53,547 05/01/2016 - 04/30/2019

*A Snapshot WFC3 IR Survey of Spitzer/Herschel-Identified Protostars in Nearby Molecular Clouds*

LEE WILLIAM HARTMANN (LSA Astronomy)

\$9,086 05/01/2016 - 04/30/2019

*Multiwavelength Characterization of Candidate Black Holes in Nearby Dwarf Galaxies*

ELENA GALLO (LSA Astronomy)

\$19,045 05/01/2016 - 04/30/2019

*Gravitational Lensing Magnification Maps for the Frontier Fields MACSJ0717+3745, MACSJ1149+2223, Abell1063, and Abell370*

KEREN SHARON (LSA Astronomy)

\$75,000 05/15/2016 - 09/30/2017

**St. Lucie County**

*The Economic Impact Analysis of Major League Baseball Spring Training for St. Lucie County, Florida*

MARK STEVEN ROSENTRUB (School of Kinesiology)

\$42,500 05/16/2016 - 08/15/2016

**Symantec Corp**

*Symantec IDS Evaluation for FCA Vehicle*

ANDRE WEIMERSKIRCH (UMTRI-Engineering Systems)

\$33,328 05/01/2016 - 06/30/2016

**Takeda**

*Chronic Stress and Abdominal Pain: Preventive and Reparative Effects of Lubiprostone on Epithelial Tight Junction Protein Expression and Barrier Function*

JOHN W WILEY (Int Med-Gastroenterology)

with SHUANGSONG HONG

\$120,069 12/29/2015 - 09/30/2016

**The Center for American Progress**

*Political Demographic Studies with the Center for American Progress - Amendment #2*

WILLIAM H FREY (Pop Studies-Research)

\$45,000 03/18/2016 - 02/28/2017

**The Icahn School of Medicine at Mount Sinai (ISMMS)**

*Ontology-based Cell Line Standardization, Integration, and LINCS applications*

YONGQUN HE (Lab Animal Medicine Unit)

\$130,000 05/01/2016 - 04/30/2017

**The Nacey Maggioncalda Foundation**

*The development of male reproductive strategies in wild chimpanzees*

JOHN C MITANI (LSA Anthropology)

\$5,000 06/01/2016 - 08/31/2017

**Transportation, Department of-Other-Subcontracts**

*Concrete Pavement Performance Center of Excellence (CPP - COE) University of Michigan*

WILL HANSEN (Civil & Environmental Engr)

\$48,943 10/01/2015 - 09/30/2016

**Tufts University**

*Understanding the Protective Mechanisms of Family Dinners: Psychometric Testing and Evaluation of the Family Dinner Index*

KENDRIN SONNEVILLE (Nutritional Sciences)

\$8,473 03/01/2016 - 02/28/2017

**Tulane University**

*Reconstructing John Stuart Mill*

DANIEL JACOBSON (LSA Philosophy)

\$65,000 07/01/2016 - 08/31/2017

**University of Alabama**

ATN Coordinating Center

GARY W HARPER (Hlth Behavior & Hlth Ed Dept)

\$40,731 03/01/2016 - 08/31/2016

**University of Colorado Boulder**

*Harnessing Strong-Field Mid-Infrared (IR) Lasers: Designer Beams of Relativistic Particles and THz-to Xray Light*

KARL MICHAEL KRUSHELNICK (Nuclear Eng & Radiological Sci)

with ALEXANDER GEORGE ROY THOMAS

ANATOLY M MAKSIMCHUK

\$1,425,000 03/15/2016 - 03/14/2019

**University of Louisville**

*Aneurysmal Subarachnoid Hemorrhage Trial Randomizing Heparin (ASTROH)*

ADITYA S PANDEY (Neurosurgery)

\$51,500 04/18/2016 - 02/28/2019

**University of Massachusetts**

*Additional Funds: Supporting Large Scale Change in Science Education: Understanding Professional Development and Adoption Variation Related to the Revised Advanced Placement Curriculum (PD-RAP)*

BARRY JAY FISHMAN (School of Information)

\$10,000 09/15/2015 - 08/31/2016

**University of North Carolina at Chapel Hill**

*HPTN 069 Qualitative Substudy to HPTN 069: A Phase II Randomized, Double-Blind, Study of the Safety and Tolerability of Maraviroc (MVC), Maraviroc + Emtricitibine (MVC+FTC), Maraviroc + Tenofovir disoproxil fumarate (MVC+TDF), or Tenofovir disoproxil fumarate + Emtricitibine (TDF+FTC) for Pre-Exposure Prophylaxis (PrEP) to Prevent HIV Transmission in At-Risk Men Who Have Sex with Men and in At-Risk Women Substudy*

K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)

\$7,199 03/31/2015 - 05/31/2016

**University of Pennsylvania**

*A Field Scan of Physical and Mental Health Interventions for Adult Black Men in the United States*

DAPHNE C WATKINS (School of Social Work)

with JAMIE MITCHELL

\$40,000 03/14/2016 - 12/16/2016

**University of Southern California**

*Transcriptional profiling of in vitro and in vivo derived human kidney tissue using single cell RNA sequencing*

JASON SPENCE (Int Med-Gastroenterology)

with CRISTINA CEBRIAN LIGERO

EDGAR ALFRED OTTO

MATTHIAS KRETZLER

RAJASREE MENON

\$60,829 04/01/2016 - 03/31/2017

**University of Texas Southwestern Medical Center**

*Acute Liver Failure Study Group 13C-Methacetin Breath Test for the Prediction of Outcome in Acute Liver Failure*

ROBERT JOHN FONTANA (Int Med-Gastroenterology)

\$53,375 02/19/2016 - 08/31/2016

*A Phase 2a Study to Evaluate the Safety and Tolerability of OCR-002 (ornithine phenylacetate) in the Treatment of Patients with Acute Liver Failure due to Acetaminophen Overdose (STOP-ALF)*

ROBERT JOHN FONTANA (Int Med-Gastroenterology)

\$18,000 09/01/2015 - 08/31/2020

**University of Washington**

*Center for Enabling New Technologies Through Catalysis (CENTC)*

LEVI THEODORE THOMPSON (Chemical Engineering Dept)

\$42,891 08/01/2015 - 08/31/2016

**USCAR Low-Emission Consortium**

*HUMOSIM Annual Membership Dues for Ford, GM, and FCA*

MATTHEW PAUL REED (CoE Center for Ergonomics)

\$150,000 05/01/2016 - 04/30/2017

**Vanderbilt University**

*The MIND USA Study*

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

\$47,140 03/01/2016 - 04/29/2016

**Various Sponsors**

*RECHARGE #1004 Michigan Publishing*

JASON EVAN COLMAN (Library Publish - General)

\$15,711 03/25/2016 - 03/24/2017

*Healthy Minds Study 2017*

DANIEL EISENBERG (Health Management and Policy)

\$5,250 09/01/2016 - 08/31/2017

**Venturewell**

*I-Corps Instruction Services Spring 2016 - J.Sugiyama*

THOMAS FRANK (CoE Researcher Entrep Commerci)

\$8,000 03/30/2016 - 05/31/2016

**Veterans Affairs, Department of**

*IPA Agreement Wang, Jintao 01/01/2016-9/30/2016*

DANIEL T EITZMAN (Int Med-Cardiology)

\$52,125 01/01/2016 - 09/30/2016

*Validation and Extension of the Michigan Barrett's Esophagus pREdiction Tool (M-Beret)*

TRIVELLORE E RAGHUNATHAN (SRC-Survey Methodology Prog)

\$44,460 05/09/2016 - 05/08/2019

*IPA Agreement\_Jennifer Harley\_FY16 -Modification*

DAVID J FINK (Neurology Department)

\$3,580 10/01/2015 - 09/15/2016

*IPA Agreement\_Xiankui Sun\_FY16-Modification*

XIANKUI SUN (Neurology Department)

\$6,119 10/01/2015 - 09/15/2016

*IPA for Eric Enache 16 h/wk*

PHILIP S SCHOENFELD (Int Med-Gastroenterology)

\$3,178 01/01/2016 - 09/30/2016

*IPA Alvaro Rojas-Pena*

ALVARO ROJAS PENA (Transplant Surgery (STX))

\$2,514 04/01/2016 - 09/30/2016

*IPA Robert Bartlett*

ROBERT HAWES BARTLETT (Transplant Surgery (STX))

\$3,012 04/01/2016 - 09/30/2016

*VA IPA Suzanne Winter*

SANJAY K SAINT (Int Med-General Medicine)

\$12,107 04/01/2016 - 09/30/2016

*VA IPA Laura Petersen*

SANJAY K SAINT (Int Med-General Medicine)

\$4,442 04/01/2016 - 09/30/2016

**Virtual EM Inc**

*"Hardware Acceleration of CFD Codes using GPU Processors"*

IAIN D BOYD (Aerospace Engineering)

\$30,000 04/04/2016 - 10/03/2016

**Wisconsin Electric**

*WE Energies 01/01/2016 - 12/31/2016*

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$50,000 01/01/2016 - 12/31/2016

**Zendrive Inc**

*Driver Behavior Analytics*

JAMES R SAYER (UMTRI-Human Factors)

\$9,608 05/01/2016 - 08/31/2016

**Zogenix, Inc.**

*Use of Dravet Syndrome patient-derived induced pluripotent stem cell cortical neurons to test the effect of ZX-008 on neuronal excitability*

LORI L ISOM (Pharmacology Department)

with JACK M PARENT

LUIS FELIX LOPEZ-SANTIAGO

YUKUN YUAN

\$263,553 07/01/2016 - 06/30/2017