

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
July 1, 2014 through June 30, 2015

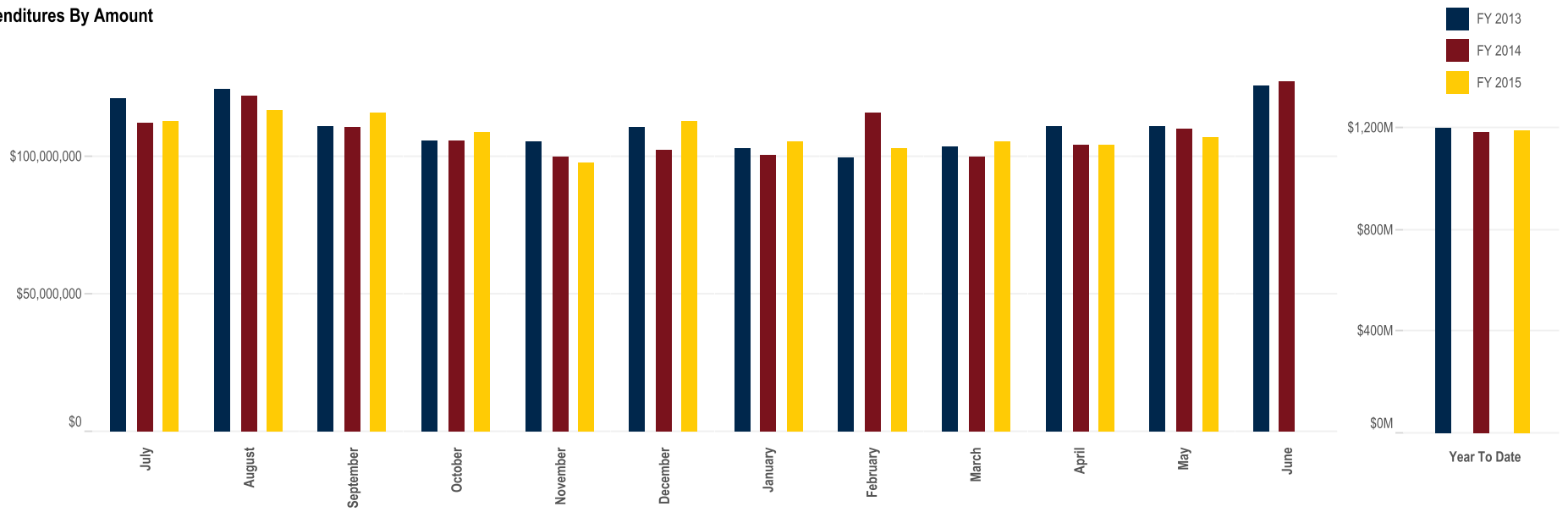
**Received by the  
Regents  
July 16, 2015**

The awards detailed in this list were established July 1, 2014 through June 30, 2015. 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 2014	Number of Awards FY 2015	% Change	Value of Awards FY 2014	Value of Awards FY 2015	% Change
Total Awards Processed (June)	258	284	10.1%	\$ 87,942,344	\$ 80,468,672	-8.5%
Research Awards	166	172	3.6%	\$ 70,923,661	\$ 62,608,498	-11.7%
Research Training	41	24	-41.5%	\$ 6,376,291	\$ 9,156,638	43.6%
Other Sponsored Activity	51	88	72.5%	\$ 10,642,392	\$ 8,703,536	-18.2%
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Total Awards Processed Fiscal Year to Date	3,106	3,318	6.8%	\$ 987,443,490	\$ 1,103,654,817	11.8%
Research Awards	1,819	1,970	8.3%	\$ 793,738,602	\$ 843,690,231	6.3%
Research Training	179	148	-17.3%	\$ 54,230,310	\$ 43,354,787	-20.1%
Other Sponsored Activity	1,108	1,200	8.3%	\$ 139,474,578	\$ 216,609,799	55.3%

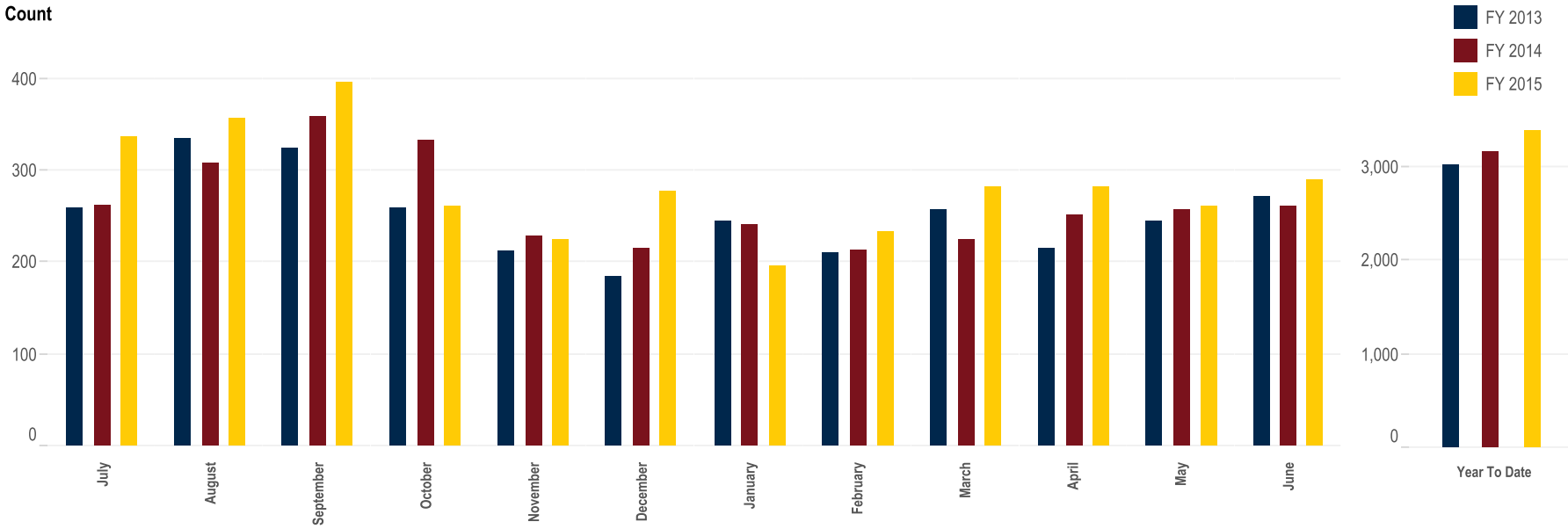
Fiscal year 2015 closes with an overall gain in number and total value of awarded proposals. It also continues the general trend of more and smaller awards. While the month of June 2015 saw an increase in the total number of awarded proposals, the total value of those awards fell for the month. This was primarily in federal research awards, between \$400,000 and under \$1,600,000 in value. This range saw a smaller number of awards, twenty-four for 2015 versus thirty-three for 2014, corresponding to a 38.2% decrease in value. The decrease in other sponsored projects for June is due to the large in-category award last year to IRLEE of nearly \$2.5 million. With this taken into account, the category saw a 5.5% increase in value for the month. For the year, the award total values saw a 11.8% increase over the last fiscal year.

### Expenditures By Amount

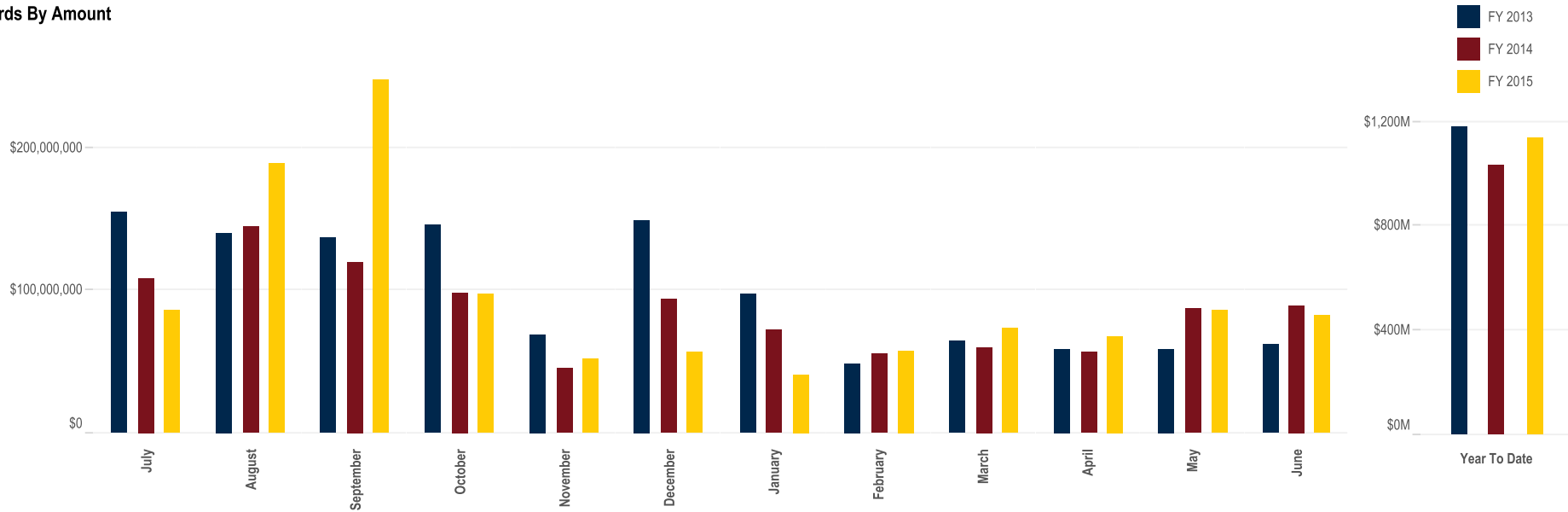


\* Finalized June 2015 expenditure numbers not yet available as of July 2, 2015.

### Awards By Count



### Awards By Amount



# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

June 01, 2015 through June 30, 2015

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.

## **Agriculture, Department of**

### *Evaluation of 2012 FoodAPS*

BRADY THOMAS WEST (SRC-Survey Methodology Prog)

\$73,711 01/12/2015 - 01/12/2016

### *Coordination and Support of the International Soil Carbon Network*

LUKE E NAVE (LSA Biological Station)

\$17,409 05/28/2015 - 04/01/2017

## **Alcon Laboratories, Inc.**

*A 3 Month, Multicenter, Double-Masked Safety and Efficacy Study of Travoprost Ophthalmic Solution, 0.004% Compared to Timolol (0.5% or 0.25%) in Pediatric Glaucoma Patients*

MONTE A DELMONTE (Ophthalmology & Visual Science)

\$13,000 05/31/2013 - 07/31/2015

## **Alion Science and Technology**

### *Fleet Automation Forum (FAF) for Alion Part 2.*

STEVE UNDERWOOD (Dbn Col of Eng-IAVS)

\$20,392 06/18/2015 - 07/15/2015

## **Allen Foundation, Inc., The**

### *Maintaining a Favorable Intestinal Microbial Population in the Setting of Total Parenteral Nutrition*

DANIEL H TEITELBAUM (Pediatric Surgery Section)

\$50,000 07/01/2015 - 06/30/2016

## **Allstate Insurance Company**

### *Allstate Affiliate Membership with MTC*

PETER FRANK SWEATMAN (MI Mobility Transformation Ctr)

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

## **Alpha Foundation**

*Full-Wave Electromagnetic Simulator for Statistical Characterization, Optimal Deployment, and On-the-Fly Reconfiguration of Wireless and Through-the-Earth Communication and Tracking Systems*

ERIC MICHIELSSEN (COE EECS - ECE - Rad)

\$514,251 09/01/2015 - 11/29/2017

## **American Association for Cancer Research(AACR)**

*The cross talk between H3K4me and cancer metabolism in exploring new therapeutic strategies.*

YALI DOU (Pathology Department)

\$250,000 07/01/2015 - 06/30/2017

**American Association for Laboratory Animal Science**

*2015 ASLAP Foundation Summer Fellowship Program*

JEAN ANN NEMZEK (Lab Animal Medicine Unit)

\$5,000 05/11/2015 - 08/02/2015

**American College of Surgeons**

*Emergency General Surgery ? Catalyst for Change: Outcomes, Models of Care and Performance Improvement*

KATHLEEN BINH T TO (GSA - Acute Care Surgery (ACS))

\$79,476 07/01/2015 - 06/30/2017

**American Foundation for Pharmaceutical Education**

*Pulmonary Delivered Tissue Plasminogen Activator (tPA) Drug Action in the Lungs*

KATHLEEN A STRINGER (PHARMACY Clin, Soc & Admin Sci)

\$5,000 06/30/2015 - 06/30/2016

**American Heart Association, Midwest Affiliate**

*The use of synthetic high density lipoproteins as carriers to regulate PCSK9 for LDL management*

JAMES J MOON (PHARMACY Pharmaceutical Sci)

\$52,000 07/01/2015 - 06/30/2017

*Pharmacogenomics studies of PAR4 regulation in human platelets*

MICHAEL ALLAN HOLINSTAT (Pharmacology Department)

\$102,676 07/01/2015 - 06/30/2017

*Regulation of myeloid cell phenotypes by the mineralocorticoid receptor during stroke*

RICHARD M MORTENSEN (Molec & Integrative Physiology)

\$52,000 07/01/2015 - 06/30/2017

*12-lipoxygenase regulation of FcγR1a-mediated platelet activation*

MICHAEL ALLAN HOLINSTAT (Pharmacology Department)

\$52,000 07/01/2015 - 06/30/2017

*Novel Ultrasonic Technology to Treatment of Intracranial Hemorrhagic Stroke*

ZHEN XU (Biomedical Engineering)

\$102,676 07/01/2015 - 06/30/2017

*Molecular basis for cytolytic egress by Toxoplasma gondii*

VERNON BRUCE CARRUTHERS (Microbiology and Immunology)

\$106,372 07/01/2015 - 06/30/2017

*Molecular Mechanisms of Egress in Toxoplasma gondii*

VERNON BRUCE CARRUTHERS (Microbiology and Immunology)

\$52,000 07/01/2015 - 06/30/2017

**American Institute of Steel Construction**

*Evaluating Changes to AISC Specification Chapter K Equations*

JASON PAUL MCCORMICK (Civil & Environmental Engr)

\$8,121 03/01/2015 - 11/30/2015

**American Physiological Society**

*Notch/mTOR pathway regulation of gastric stem cells*

LINDA C SAMUELSON (Molec & Integrative Physiology)

\$300 05/01/2015 - 05/31/2016

**American Society of Transplant Surgeons (ASTS)**

*Frailty and Healthcare Utilization in Liver Transplant Recipients*

CHRISTOPHER JOHN SONNENDAY (Transplant Surgery (STX))

\$3,500 06/01/2015 - 08/31/2015

**American Venous Forum Foundation**

*Macrophage Phenotypes and their Affects on Venous Thrombosis Resolution and the Development of Post-Thrombotic Syndrome*

PETER K HENKE (Vascular Surgery Section)

\$100,000 01/01/2015 - 12/31/2016

**Ann Arbor Thrift Shop**

*Parkinson's Movement and Dance*

DARLENE KNAPP RACZ (UMH Turner Sr Wellness Program)

\$2,500 07/01/2015 - 06/30/2016

**Arbor Research Collaborative For Health**

*Dialysis Outcomes and Practice Patterns Study (DOPPS)*

MASAHITO JIMBO (Family Medicine)

\$7,702 05/01/2015 - 12/31/2015

**Arena Pharmaceuticals, Inc.**

*An Open-label Extension Study of APD811-003 in Patients with Pulmonary Arterial Hypertension*

VALLERIE MCLAUGHLIN (Int Med-Cardiology)

\$57,393 06/04/2015 - 02/28/2017

**Bayer HealthCare**

*A Randomized, Double-Blind, Placebo-Controlled Phase II Study to Investigate the Efficacy and Safety of Riociguat in Patients With Diffuse Cutaneous Systemic Sclerosis (dcSSc)*

ELENA SCHIOPU (Int Med-Rheumatology)

\$11,460 03/18/2015 - 09/15/2022

**BGM Engineering Inc.**

*2016 MDP BGM*

GAIL HOHNER (CoE Multidisciplinary Design)

\$20,000 01/01/2016 - 12/31/2016

**Bracco Diagnostics**

*The Safety and Efficacy of MultiHance at the Dose of 0.10 mmol/kg in Magnetic Resonance Imaging of the Central Nervous System in Pediatric Patients Who are Less Than 2 Years of Age*

HEMANT PARMAR (Department of Radiology)

\$14,812 12/10/2014 - 06/30/2015

**Brain Trauma Foundation**

*Mechanisms underlying the brain disorder in Down syndrome*

BING YE (Life Sciences Institute-Admin)

\$80,000 06/01/2015 - 05/31/2017

**Brigham and Women's Hospital**

*CHEARS Study - Testing Site for the Audiology Assessment Arm - Phase I*

PAUL KILENY (Oto - Otology-Neurotology)

\$10,220 07/01/2014 - 06/30/2015

**BrightFocus Foundation**

*Genetics of Homocysteine Metabolism in Glaucoma*

JULIA E RICHARDS (Ophthalmology & Visual Science)

with CARMEN GHERASIM

\$100,000 07/01/2015 - 06/30/2017

**Bristol-Myers Squibb Company**

*A Multi-Center Phase 2 Open-Label Study to Evaluate Safety and Efficacy in Subjects with Melanoma Metastatic to the Brain treated with Nivolumab in Combination with Ipilimumab followed by Nivolumab Monotherapy*

CHRISTOPHER D LAO (Int Med-Hematology/Oncology)

\$417,217 05/15/2015 - 04/14/2020

**Brookhaven Science Associates, LLC**

*Development of the ATLAS New Small Wheel Front-end Electronics, 3/13 - 9/15*

JUNJIE ZHU (LSA Physics)

\$204,768 05/01/2015 - 09/30/2015

**Burroughs Wellcome Fund**

*Mapping Pathways for Professional Success in Graduate and Postdoctoral Training*

MARY X D O'RIORDAN (Microbiology and Immunology)

\$40,711 07/01/2015 - 06/30/2016

**Carnegie Institution of Washington**

*Fast Imaging Plasma Spectrometer (FIPS) in Support of the Energetic Particle and Plasma Spectrometer (EPS) Investigation for the MESSENGER Mission to Mercury: Extended Mission 2 GFY13-GFY15 Zurbuchen*

THOMAS H ZURBUCHEN (Atm, Oceanic & Space Sci.)

with GEORGE GLOECKLER

\$33,196 10/14/2013 - 05/31/2016

**Celldex Therapeutics**

*A Phase I/II Study of Varlilumab (CDX-1127) in Combination with Sunitinib in Patients with Metastatic Clear Cell Renal Cell Carcinoma*

BRUCE G REDMAN (Int Med-Hematology/Oncology)

\$664,739 05/08/2015 - 11/07/2017

**CHARGE Syndrome Foundation, Inc.**

*Analysis of ocular functions of CHD7 in mouse models of CHARGE Syndrome*

PHILIP J GAGE (Ophthalmology & Visual Science)

\$35,000 07/01/2015 - 07/01/2016

**Charles River Associates**

*Charles Rivers Associates Contract*

KAI-UWE KUHN (LSA Economics)

\$56,464 09/01/2014 - 05/31/2015

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

*COG Study: COG ADVL1314- Eisai Inc.; a Phase I study of Eribulin Mesylate (E7389, IND#116,292), a novel microtubule targeting chemotherapeutic agent in children with refractory or recurrent solid tumors (Excluding CNS), including Lymphomas*

RAJEN J MODY (Pediatrics-Hematology/Oncology)

\$20,200 08/11/2014 - 08/31/2018

**Community Foundation of Greater Flint**

*CFGF National Service Fund Grant 2014-2015 AmeriCorps Support*

JACOB S BLUMNER (Flint University Outreach)

\$10,840 08/14/2014 - 08/15/2015

**Congress of Community**

*Public Allies Partner*

TRACY SMITH HALL (Dbn Office of Metro Impact)

\$6,000 10/13/2014 - 07/31/2015

**Corvida**

*Innovative Device to Improve Safety of Preparing and Administering Chemotherapy*

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

\$6,982 05/29/2015 - 06/30/2015

**Crash Avoidance Metrics Partnership (CAMP)**

*Automatic Intersection Map Generation*

HENRY LIU (Civil & Environmental Engr)

\$133,543 06/25/2015 - 11/25/2015

**CTI BioPharma Corp.**

*A randomized controlled phase 3 study of oral pacritinib vs best available therapy in patients with thrombocytopenia and primary myelofibrosis, post-polycythemia vera myelofibrosis or post-essential thrombocytopenia myelofibrosis*

MARIE NGUYEN (Int Med-Hematology/Oncology)

\$392,841 05/22/2015 - 03/31/2020

**Dana-Farber Cancer Institute**

*Preclinical and Brief Exposure Early Clinical Evaluation of an Oral PARP Inhibitor for Breast Cancer Prevention in BCRA Mutation Carriers*

DEAN E BRENNER (Int Med-Hematology/Oncology)

\$42,000 05/25/2012 - 05/24/2015

**Daniel H. Wagner Associates, Inc.**

*Generation of Approximate Transmission-Loss Probability Density Functions Option I*

DAVID R DOWLING (Mechanical Engineering)

\$33,999 08/04/2014 - 11/27/2015

**Danlaw, Inc.**

*OBD2 Insurance Dongle Security Evaluation*

ANDRE WEIMERSKIRCH (UMTRI-Engineering Systems)

\$78,987 06/01/2015 - 10/31/2015

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

*BC140965: Novel Functions of EZH2 in Triple Negative Breast Cancer: Translation into New Biomarker and Treatment Strategies*

CELINA G KLEER (Pathology Department)

\$357,358 07/01/2015 - 06/30/2018

*BC140965: Novel Functions of EZH2 in Triple Negative Breast Cancer: Translation into New Biomarker and Treatment Strategies*

ZANETA NIKOLOVSKA-COLESKA (Pathology Department)

\$185,141 07/01/2015 - 06/30/2018



**Defense, Department of-Defense Advanced Research Projects Agency**

*Comb offset frequency detection using quantum interference*

STEVEN THOMAS CUNDIFF (LSA Physics)

\$703,675 04/01/2015 - 03/31/2017

**Defense, Department of-Defense Threat Reduction Agency**

*Topobiological Targeting of the Blood Brain Barrier*

JOERG LAHANN (Chemical Engineering Dept)

\$1,300,000 06/01/2015 - 05/31/2017

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

*Optical Metasurfaces with Electric, Magnetic, and Magneto-electric Responses*

ANTHONY GRBIC (COE EECS - ECE - Rad)

\$465,004 03/14/2015 - 03/15/2018

*NEEC Supplement to UCR: Autonomous Surface Vehicle Sensor Stabilization*

STEVEN L CECCIO (Naval Arch & Marine Dept)

\$56,226 05/19/2015 - 09/15/2015

*Correlated Topological Materials*

LU LI (LSA Physics)

\$510,000 06/01/2015 - 05/31/2018

*Enhancing Working Memory Training with Transcranial Direct Current Stimulation*

JOHN JONIDES (LSA Psychology)

\$69,875 04/01/2015 - 06/30/2016

**Denso International America**

*Nano Battery for Electric Vehicles*

WEI LU (Mechanical Engineering)

\$50,000 04/01/2015 - 10/30/2015

*Unified Wireless Charging and In-Wheel Motor Drive for Plug-in Electric Vehicles*

CHRIS MI (Dbn Col of Eng-Electric & Comp)

\$68,221 05/01/2015 - 04/30/2016

**Deutscher Akademischer Austauschdienst (DAAD)**

*GFI 2015 - The Futures of the Past: German Cinema and its Media*

JOHANNES VON MOLTKE (LSA Germanic Languages & Lit.)

\$5,000 03/01/2015 - 12/31/2015

**ECOG-ACRIN Medical Research Foundation, Inc**

*ECOG/ACRIN DWI Site Qualification Laboratory*

THOMAS L CHENEVERT (Department of Radiology)

with DARIYA MALYARENKO

\$64,000 10/01/2014 - 02/28/2015

**Education, Department of**

*Training Program in Causal Inference in Education Policy Research at the University of Michigan*

SUSAN MARIE DYNARSKI (FSPP Educ Policy Initiative)

with BRIAN AARON JACOB

CHRISTINA JO WEILAND

JEFFREY ANDREW SMITH

JOHN BOUND

STEPHEN LOWELL DESJARDINS

\$4,000,000 07/01/2015 - 06/30/2020

**Electric Power Research Institute**

*Advanced Concrete for Energy Structures Application*

VICTOR C LI (Civil & Environmental Engr)

\$105,000 05/01/2015 - 04/30/2016

**Eli Lilly and Company Foundation**

*A Phase 2 Study of Abemaciclib in Patients with Brain Metastases Secondary to Hormone Receptor Positive Breast Cancer*

DANIEL F HAYES (Int Med-Hematology/Oncology)

\$178,438 06/19/2015 - 04/30/2019

**Energy, Department of**

*Proposal to Study the Properties and Interactions of Elementary Particles FY 2015-2018*

DANTE ERIC AMIDEI (LSA Physics)

with AARON THOMAS PIERCE

BING ZHOU

DANIEL S LEVIN

DAVID W GERDES

DRAGAN HUTERER

FINN LARSEN

GORDON L KANE

GREGORY TARLE

HENRIETTE DINA-MARIA ELVANG

HOMER A NEAL

JAMES DANIEL WELLS

JAMES T LIU

JIANMING QIAN

KATHERINE FREESE

MICHAEL S G SCHUBNELL

MONICA TECCHIO

MYRON K CAMPBELL

SHAWN P MCKEE

THOMAS ANDREW SCHWARZ

\$2,930,000 04/01/2015 - 03/31/2018

*The 2015 Meeting of the American Physical Society, Division of Particles and Fields*

DANIEL S LEVIN (LSA Physics)

\$10,000 07/01/2015 - 06/30/2016

**Epilepsy Study Consortium Inc**

*The Epilepsy Study Consortium - Consultant Agreement*

RENEE ADELE SHELLHAAS (Pediatrics-Neurology)

\$7,500 07/01/2015 - 06/30/2016

**Erb Family Foundation**

*Phosphorus Management Scenarios: Western Basin of Lake Erie*

DON SCAVIA (Graham Sustainability Inst.)

\$300,000 06/01/2015 - 05/31/2016

**ERC, Inc.**

*Advanced Membranes for the Purification of Hydrocarbon Fuels*

ANISH TUTEJA (Materials Science & Engin.)

\$100,000 08/01/2014 - 09/30/2015

**Extreme Diagnostics, Inc.**

*NASA Phase II - Compact Energy Conversion Module*

DANIEL J INMAN (Aerospace Engineering)

\$360,000 06/25/2015 - 06/07/2017

*Macro-Fiber Composite-based actuators for space*

DANIEL J INMAN (Aerospace Engineering)

\$39,475 06/17/2015 - 12/17/2015

**Ford Motor Company**

*High Performance Solenoid Actuated GDI Fuel Injectors*

SHORYA AWTAR (Mechanical Engineering)

\$180,000 05/01/2015 - 04/30/2017

*Research Blue Oval Scholar Supplement*

GHASSAN T KRIDLI (Dbn Col of Eng-Indust & Sys En)

\$5,000 06/01/2015 - 05/31/2016

*Ford URP: Understanding Driver Wellness Using Machine Learning*

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

\$40,000 07/01/2015 - 06/30/2018

**GE Aviation**

*Damage Initiation and Accumulation in SiC/SiC Composites*

JOHN W HALLORAN (Materials Science & Engin.)

with SAMANTHA HAYES DALY

\$616,122 01/01/2015 - 12/31/2015

**General Motors Corporation**

*2014 GM - ICAM Injury Fellowship*

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

\$270,000 04/01/2014 - 06/30/2015

**Gift of Life Michigan**

*Michigan Libraries for Life 2015-2016*

KATE MACDOUGALL SAYLOR (Library - Health Sciences)

with CAROL SHANNON

\$8,435 07/01/2015 - 06/30/2016

**Global Probiotics Council**

*The role of the gut microbiota in IL-22-mediated resistance against Clostridium difficile*

NOBUHIKO KAMADA (Int Med-Gastroenterology)

\$50,000 07/01/2015 - 06/30/2016

**GlycoMimetics, Inc.**

*A Phase I/II, open-label multicenter study to determine safety, pharmacokinetics and efficacy of GMI-1271 in combination with chemotherapy in patients with acute myeloid leukemia*

DALE LEE BIXBY (Int Med-Hematology/Oncology)

\$212,607 05/15/2015 - 06/04/2018

**Graham Foundation**

*Bioplastics! And Architecture?s Many Natures*

MEREDITH MILLER (Coll of Arch & Urban Planning)

\$3,000 05/15/2015 - 09/30/2015

**Groupon**

*2016 MDP Groupon*

GAIL HOHNER (CoE Multidisciplinary Design)

\$20,000 01/01/2016 - 12/31/2016

**Harris Corporation**

*Development of Snow Measurement Algorithms in Support of Snow and Cold Land Process (SCLP) Mission*

LEUNG TSANG (COE EECS - ECE - Rad)

\$50,000 02/01/2015 - 06/01/2017

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

*Patient-Centered Data Visualizations for Diabetes*

JOYCE M LEE (Pediatrics-Ambulatory Care Pgm)

with KAI ZHENG

\$299,598 05/01/2015 - 04/30/2017

*The Effect of Associate Care Provider Involvement in the Delivery of Primary Care in Medical Homes*

MARCELLINE RUTH HARRIS (SON-Grants)

\$42,172 07/01/2015 - 06/30/2016

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

*IPA Extension - Amy Bohnert*

AMY S B BOHNERT (Psych Substance Abuse)

\$23,406 09/01/2015 - 08/31/2016

**Health and Human Services, Department of-Health Resources and Services Administration**

*2015 Nurse Anesthetist Traineeship*

SHAWN A FRYZEL (Flint Dept Pub Hlth & Hlth Sci)

\$17,155 07/01/2015 - 06/30/2016

*Flint Nursing Faculty Loan Program 2015*

CONSTANCE J CREECH (Flint Nursing)

\$284,189 07/01/2015 - 06/30/2016

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

*Claude D. Pepper Older Americans Independence Centers (OAICs) (P30)*

JEFFREY B HALTER (Institute of Gerontology)

with ANDRZEJ T GALECKI  
BRANT E FRIES  
CARRIE ANNE KARVONEN-GUTIERREZ  
JAMES A ASHTON-MILLER  
JAMES T FITZGERALD  
JERSEY LIANG  
KENNETH M LANGA  
KRISHNA RAO  
LONA MODY  
MARIANNA SADAGURSKI  
NEIL BURTON ALEXANDER  
RAYMOND L YUNG  
RICHARD A MILLER  
VIKAS KOTAGAL

\$4,526,505 07/01/2015 - 06/30/2020

*Training Program in Endocrinology and Metabolism*

RICHARD AUCHUS (Metabolism, Endo & Diabetes)

\$1,622,150 07/01/2015 - 06/30/2020

*Career Training in the Biology of Aging*

SCOTT PLETCHER (Institute of Gerontology)

\$2,108,495 05/01/2015 - 04/30/2020

*A partnership to translate an EBI for vulnerable older adults with heart disease*

CATHLEEN M CONNELL (Hlth Behavior & Hlth Ed Dept)

with DANIEL EISENBERG  
MARY ROSE JANEVIC  
RODERICK J LITTLE

\$2,889,567 06/15/2015 - 03/31/2020

*High Resolution Metabolomics*

ROBERT T KENNEDY (LSA Chemistry)

\$999,502 06/01/2015 - 05/31/2019

*Interaction of pre-operative structural failure sites and operative repair strategies in prolapse: A biomechanical modeling approach*

LUYUN CHEN (Biomedical Engineering)

with JAMES A ASHTON-MILLER  
JOHN O DELANCEY

\$388,002 05/15/2015 - 04/30/2017

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

LISA M LARKIN (Molec & Integrative Physiology)

with CHRISTOPHER LOUIS MENDIAS  
ELLEN M ARRUDA  
PAUL STEPHEN CEDERNA

\$2,021,220 07/01/2015 - 05/31/2020

*2/3 Schizophrenia Genetics and Brain Somatic Mosaicism*

JOHN V MORAN (Human Genetics Department)

with JEFFREY KIDD  
KENNETH KWAN  
RYAN EDWARD MILLS

\$3,860,653 05/01/2015 - 01/31/2020

*2/3 Brain Function and Genetics in Pediatric Obsessive-Compulsive Behaviors*

GREGORY L HANNA (Psychiatry Child Services)

\$1,046,250 07/01/2015 - 04/30/2020

*Systems Bioengineering of Cancer Cell Migration*

GARY D LUKER (Department of Radiology)

JENNIFER J LINDERMAN (Department of Radiology)

SHUICHI TAKAYAMA (Department of Radiology)

with KATHRYN E LUKER

\$2,214,439 05/15/2015 - 04/30/2020

*Impact and biological implication of mobile elements to canine genomic diversity*

JEFFREY KIDD (Human Genetics Department)

\$114,004 05/01/2015 - 04/30/2017

*Neutralizing epigenomes in neurodevelopmental disorders*

SHIGEKI IWASE (Human Genetics Department)

with NATALIE TRONSON

\$1,651,205 06/15/2015 - 04/30/2020

*An in vivo metastasis sensor*

LONNIE DAVID SHEA (Biomedical Engineering)

\$2,437,187 05/15/2015 - 07/31/2017

*Synthesizing genome, epigenome, and transcriptome datasets in type 2 diabetes*

STEPHEN CJ PARKER (Comp Med and Bioinformatics)

\$726,371 05/15/2015 - 04/30/2018

*The regulation of glucose starvation-induced cell surface protein clearance in yeast*

MARA C DUNCAN (Cell and Developmental Biology)

\$67,724 08/01/2015 - 07/31/2017

*Oral Treponema Surface Proteins: Host Cell Interactions*

J CHRISTOPHER FENNO (DENT Bio & Materials Science)

YVONNE LORRAINE KAPILA (DENT Bio & Materials Science)

\$3,269,504 07/01/2015 - 05/31/2020

*Mechanisms of Polyglutamine Neurodegeneration*

HENRY L PAULSON (Neurology Department)

with MARIA DO CARMO PEREIRA DA COSTA

YUANFANG GUAN

\$2,733,211 07/01/2015 - 03/31/2020

*Transcription Factor Collectives in Vertebrate Wnt Signaling*

KENNETH M CADIGAN (LSA Molec./Cell./Develop. Bio)

\$1,198,908 07/01/2015 - 04/30/2019

*Endosomal regulation of GLP-1 receptor function in beta cells by Clec16a*

SCOTT SOLEIMANPOUR (Metabolism, Endo & Diabetes)

\$155,000 07/01/2015 - 06/30/2017

*Stretchable electronic-bladder interface for neuroprosthetic control*

TIMOTHY MORRIS BRUNS (Biomedical Engineering - MS)

with ANNE KATHLEEN PELLETIER CAMERON

EUISIK YOON

\$404,678 07/01/2015 - 04/30/2017

*Amperometric NO(g) Sensors with Improved Selectivity/Sensitivity for Biomedical Measurements*

MARK E MEYERHOFF (LSA Chemistry)

\$400,225 07/01/2015 - 06/30/2017

*Oral Microbiota and Influenza Infection*

AUBREE GORDON (Epidemiology Department)

BETSY FOXMAN (Epidemiology Department)

\$427,087 07/01/2015 - 06/30/2017

*Probing Transcriptional Activation at the Molecular Level*

ANNA K MAPP (Life Sciences Institute-Admin)

with CAROL A FIERKE

CHARLES L BROOKS III

\$1,334,460 07/01/2015 - 02/28/2019

*Neural Correlates of Internal Models and Adaptation in the Vestibular System*

WILLIAM MICHAEL KING (Kresge Hearing Research Inst)

\$70,830 05/01/2015 - 04/30/2017

*Host and Microbial Biomarkers Related to the Development of Complicated Clostridium difficile Infection*

VINCENT BENSAN YOUNG (Int Med-Infectious Diseases)

with KRISHNA RAO

\$426,250 07/01/2015 - 06/30/2017

*Effects of lymphoid tissue stromal cells on cell-to-cell HIV-1 spread*

AKIRA ONO (Microbiology and Immunology)

with ARIELLA SHIKANOV

\$410,895 07/01/2015 - 06/30/2017

*Age-related differences in Parametric response mapping in COPD*

MEILAN K HAN (Int Med-Pulm./Critical Care)

with CARLOS MARTINEZ

\$110,438 05/05/2014 - 04/30/2018

*Substance Abuse Interdisciplinary Training Program: From Bench to Bedside*

MARGARET E GNEGY (Inst/Research Women & Gender)

with CAROL J BOYD

SEAN ESTEBAN MCCABE

\$127,309 07/01/2014 - 06/30/2016

*Structure function studies in intestinal epithelial JAM*

CHARLES PARKOS (Pathology Department)

with ASMA NUSRAT

\$464,667 06/23/2015 - 04/30/2016

*ADAM17 in pancreatic cancer and pancreatitis*

HOWARD C CRAWFORD (Molec & Integrative Physiology)

\$381,425 03/14/2015 - 02/29/2016

*Intestinal Inflammation: Signaling proteins and the rate of PMN transmigration*

CHARLES PARKOS (Pathology Department)

\$1,824,743 06/01/2015 - 05/31/2019

### **Hope For Depression Research Foundation**

*Modeling Depression in the Rodent: The Search for Mechanisms of Relapse and Treatment Resistance*

HUDA AKIL (Molecular & Behav Neurosc Inst)

with CORTNEY ANN TURNER  
STANLEY J WATSON JR

\$1,125,654 04/01/2015 - 03/31/2017

#### *HDRF Data Center*

HUDA AKIL (Molecular & Behav Neurosc Inst)

with FAN MENG  
STANLEY J WATSON JR

\$240,387 04/01/2015 - 03/31/2017

### **Howard Hughes Medical Institute**

*Characterizing radiation-induced alternative splicing and identifying the factors that mediate its response*

VIVIAN CHEUNG (Life Sciences Institute-Admin)

\$41,000 06/29/2015 - 06/17/2016

### **Hypothes.is Project**

*Hypothes.is Project: Development of Digital Annotation Services*

REBECCA ANNE WELZENBACH (Library Publish - TCP)

with JONATHAN MCGLONE

\$19,800 06/05/2014 - 06/04/2016

### **IAV Automotive Engineering**

*IAV Affiliate Membership with MTC*

PETER FRANK SWEATMAN (MI Mobility Transformation Ctr)

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

### **ICON Clinical Research, Inc.**

*PHASE 3 MULTI-CENTER, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, PARALLEL GROUP EVALUATION OF THE EFFICACY, SAFETY, AND TOLERABILITY OF BOCOCIZUMAB (PF-04950615), IN REDUCING THE OCCURRENCE OF MAJOR CARDIOVASCULAR EVENTS IN HIGH RISK SUBJECTS*

MELVYN RUBENFIRE (Int Med-Cardiology)

\$329,747 05/27/2015 - 04/30/2020

### **ImBio**

*Imbio Consulting Agreement*

ELLA A KAZEROONI (Department of Radiology)

\$1,000 05/22/2015 - 06/30/2015

### **Intel Corporation**

*Synergy: Collaborative Research: Security and Privacy-Aware Cyber-Physical Systems*

KANG GEUN SHIN (EECS - CSE - RTCL)

\$75,000 07/01/2015 - 06/30/2016

*Collaborative Research: CPS-Security: Synergy: End-to-End Security for the Internet of Things*

PRABAL DUTTA (EECS - CSE - ACAL)

\$125,000 07/01/2015 - 06/30/2016



**inVentiv Health**

*A PHASE 2b, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE SAFETY AND EFFICACY OF STAPHYLOCOCCUS AUREUS 4-ANTIGEN VACCINE (SA4Ag) IN ADULTS UNDERGOING ELECTIVE POSTERIOR INSTRUMENTED LUMBAR SPINAL FUSION PROCEDURES*

PAUL PARK (Neurosurgery)

\$281,904 05/20/2015 - 06/30/2017

**Jaeb Center for Health Research**

*Short-term Evaluation of Combination Corticosteroid+Anti-VEGF Treatment for Persistent Central-Involved Diabetic Macular Edema Following Anti-VEGF Therapy in Pseudophakic Eyes (Protocol U)*

ROBIN D ROSS (Ophthalmology & Visual Science)

\$59,171 05/14/2015 - 03/17/2018

**Jeppesen Systems AB**

*Jeppesen Contract 2015*

AMY ELLEN MAINVILLE COHN (Industrial & Operations Engin)

\$30,000 11/01/2014 - 06/01/2016

**Jet Propulsion Laboratory**

*"MuTip Pointing Control for Model-Free High-bandwidth Imaging Precision"*

JAMES RICHARD FORBES (Aerospace Engineering)

\$15,000 04/02/2015 - 08/02/2015

*Dynamic Modeling of Cubesats for Mission Feasibility Simulator*

JAMES RICHARD FORBES (Aerospace Engineering)

\$6,014 06/01/2015 - 08/31/2015

**JV Biolabs, LLC.**

*Oncofetal antigen - immature laminin receptor (OFA/iLRP) as a target for anti-cancer therapy*

JAMES VARANI (Pathology Department)

\$150,000 05/01/2015 - 12/31/2015

**King Abdulaziz University (KAU)**

*A novel Sirtuin-3 (SIRT3) inhibitor, LC-0296, inhibits cell survival and proliferation, and promotes apoptosis in Head and Neck Cancer Cells 2*

YVONNE LORRAINE KAPILA (DENT Periodontics and Oral Med)

\$5,000 06/01/2015 - 05/31/2016

**LAM Research**

*3-Dimensional Profile Evolution in Plasma Etching*

MARK KUSHNER (COE EECS - ECE - Rad)

\$120,000 05/15/2013 - 09/15/2016

**Lawrence Livermore National Security, LLC**

*Continued research and development on pixilated TIBr detectors*

ZHONG HE (Nuclear Eng & Radiological Sci)

\$40,000 06/01/2015 - 08/31/2015

**Leukemia Research Foundation**

*Cell extrinsic signaling in oncogenic Nras-induced pre-leukemic stem cell transformation*

QING LI (Int Med-Hematology/Oncology)

\$100,000 07/01/2015 - 06/30/2016

*Regulation of quiescence in normal and malignant stem cells by the gut microbiota*

DANIEL LUCAS-ALCARAZ (Cell and Developmental Biology)

\$100,000 07/01/2015 - 06/30/2016

**Mac Aids Fund**

*HIV prevention for male couples in Africa*

ROBERT BRIAN STEPHENSON (SON-Grants)

\$250,000 06/19/2015 - 06/18/2016

**Macy, Josiah, Jr., Foundation**

*A New Model for Clinical Education and Progressive Entrustment of Residents in the Operating Room*

REBECCA M MINTER (GSA - Administration (GSA/ADM))

with GURJIT SANDHU

\$352,589 06/01/2015 - 05/31/2018

**Margot Marsh Biodiversity Foundation**

*Genetic diversity and conservation status of howler monkeys (genus Alouatta) in Peru*

LILIANA CORTES-ORTIZ (LSA Ecology & Evolutionary Bio)

\$15,000 10/01/2015 - 09/30/2016

**Massachusetts General Hospital**

*A Phase 2 Pharmacodynamic Trial of Ezogabine on Neuronal Excitability in Amyotrophic Lateral Sclerosis*

STEPHEN AARON GOUTMAN (Neurology Department)

\$154,358 04/16/2015 - 03/08/2017

**Mathematica Policy Research, Inc.**

*Market Survey of Healthcare Provider Vaccine Purchasing Behavior*

SARAH J CLARK (Pediatrics-Ambulatory Care Pgm)

\$45,753 09/26/2014 - 11/30/2015

**McGregor Fund**

*Public Allies of Metropolitan Detroit Program*

TRACY SMITH HALL (Dbn Office of Metro Impact)

\$450,000 06/10/2015 - 06/30/2018

**McKinsey and Co., Inc.**

*Sustainable Worldwide Transportation\_Mckinsey*

MICHAEL SIVAK (UMTRI-Human Factors)

\$25,000 05/14/2015 - 05/13/2016

**McKnight Foundation, The**

*High Density 90 ?m Pitch Carbon Microthread Array to Record Every Neuron in Layer 5*

CYNTHIA ANNE CHESTEK (Biomedical Engineering)

\$200,000 08/01/2015 - 07/31/2017

**MDA Information Systems LLC**

2016 MDP MDA LLC

A HARVEY BELL IV (CoE Multidisciplinary Design)  
GAIL HOHNER (CoE Multidisciplinary Design)

\$20,000 01/01/2016 - 12/31/2016

**MD Primer, Inc**

*Pulmonary Arterial Hypertension Quality Enhancement Research Initiative Extension Program ? QuERI*

SCOTT H VISOVATTI (Int Med-Cardiology)

with MELVYN RUBENFIRE

\$36,400 11/01/2013 - 12/31/2015

**Medtronic, Inc.**

*Educational Subsidy for Healthcare Professionals-in-Training*

KATHERINE A GALLAGHER (Vascular Surgery Section)

\$2,275 06/01/2015 - 06/30/2015

**Mellon, Andrew W., Foundation**

*Artists and Health Insurance Survey*

PATTY MAHER (Survey Research Organization)

\$38,648 06/09/2015 - 08/31/2015

**Michigan Campus Compact/Michigan Nonprofit Association**

*An Exploration of Inhibitors to Educational Access and Retention within Michigan Underrepresented Groups STEM Higher Education*

MARK ALLISON (Flint Comp Science, Eng and Ph)

\$5,000 06/01/2015 - 12/30/2015

**Michigan Humanities Council**

*Young Authors' Festival*

ELAINE M LOGAN (Dbn Mardigian Library)

\$500 11/13/2015 - 11/14/2015

**Michigan Public Health Institute**

*Breast Density Notification: A Brief On-line Education Strategy for Primary Care Providers*

CAREN MICHELLE STALBURG (DLHS Division of Prof Ed)

with CHERYL T LEE

RENEE WAYNE PINSKY

\$99,682 03/01/2015 - 09/30/2015

**Michigan, State of, Economic Development Corporation**

*University of Michigan Procurement Technical Assistance Center (UM-PTAC)*

*Providing Government Contracting Assistance and Training to Companies in Washtenaw, Livingston and Monroe Counties*

LAWRENCE ALYN MOLNAR (IRLEE)

\$150,000 06/01/2015 - 05/31/2016

**Michigan, State of, Housing Development Authority**

*Michigan Sea Grant Contributions to a Strategy for Small Harbor Sustainability*

CATHERINE M RISENG (SNRE Michigan Sea Grant)

\$15,000 01/01/2015 - 12/31/2015

**Michigan, State of, Strategic Fund**

*Michigan Strategic Fund - 2015 Business Incubator Program*

STEWART J THORNHILL (ROSS SCH Research Support)

\$199,272 04/15/2015 - 04/15/2017

**Michigan State University**

*Neurobehavioral liabilities characterizing precursive risk for SUD in young children*

BRIAN M HICKS (Psych Substance Abuse)

ROBERT A ZUCKER (Psych Substance Abuse)

with LEON I PUTTLER

\$902,782 04/01/2015 - 01/31/2020

**Midwest Nursing Research Society**

*Changes in Gene Expression after Cisplatin Treatment*

JANEAN E HOLDEN (School of Nursing)

\$5,000 05/01/2015 - 05/31/2016

**Mirati Therapeutics**

*A Phase 1/1b Study of MGCD516 in Patients With Advanced Solid Tumor Malignancies*

AJJAI SHIVARAM ALVA (Int Med-Hematology/Oncology)

\$343,009 04/15/2015 - 04/30/2017

**Mount Sinai School of Medicine**

*Safety & Efficacy of Intramyocardial Injection of Mesenchymal Precursor Cells on Myocardial Function in LVAD Recipients*

FRANCIS D PAGANI (Cardiac Surgery)

with JONATHAN W HAFT

KEITH D AARONSON

\$235,737 03/12/2015 - 12/31/2018

*Immune Monitoring and CNI Withdrawal in Low Risk Recipients of Kidney Transplantation (CTOT-09)*

MILAGROS DALGIR SAMANIEGO-PICOTA (Int Med-Nephrology)

\$15,312 09/01/2014 - 08/31/2015

**NanoBio Corporation**

*17030-127-15 ULAM IVAC NanoBio HIV Study*

ROBERT E SIGLER (Lab Animal Medicine Unit)

\$62,174 06/01/2015 - 11/30/2015

**National Aeronautics and Space Administration**

*Cometary Hydrogen Observations with SOHO SWAN*

MICHAEL R COMBI (Atm, Oceanic & Space Sci.)

\$339,783 06/01/2015 - 05/31/2018

*Ionospheric Outflow from Jupiter*

GABOR TOTH (Atm, Oceanic & Space Sci.)

\$81,303 08/01/2015 - 07/31/2018

*Impact of Solar Wind Conditions on Mercury's Magnetosphere and Global Plasma Precipitation*

JAMES ARTHUR SLAVIN (Atm, Oceanic & Space Sci.)

with XIANZHE JIA

\$371,230 09/01/2015 - 08/31/2018

*In-depth Study of Mercury's Dynamic Magnetospheric Cusps*

JIM RAINES (Atm, Oceanic & Space Sci.)

with VALERIY M TENISHEV

XIANZHE JIA

\$457,295 05/15/2015 - 05/14/2018

*Forward Physical Radiative Transfer Models and Retrieval Algorithm for Radar Remote Sensing of Terrestrial Snow at X Band and Ku Band*

LEUNG TSANG (COE EECS - ECE - Rad)

\$98,478 05/21/2015 - 05/20/2016

*Unsteady Computation of the Plasma of Nested-Channel Hall Thrusters*

IAIN D BOYD (Aerospace Engineering)

\$74,000 09/01/2013 - 08/31/2017

*2015\_NASA\_NSTRF\_Kosztowny - Unitized Textile Composite Stiffened Panels for Space Structures; Manufacturing, Characterization, Modeling, and Analysis*

VEERA SUNDARARAGHAVAN (Aerospace Engineering)

\$71,000 08/01/2012 - 07/31/2016

*2015\_NASA\_NSTRF\_Hall - Characterization of a 100-kW Three Channel Nested Hall Thruster*

ALEC D GALLIMORE (Aerospace Engineering)

\$71,267 08/01/2014 - 07/31/2018

*Investigation of the solar wind influence on the Venus upper atmospheric structure*

STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)

\$44,824 07/25/2015 - 07/24/2016

*Crack Opening Measurements on NASA-Provided MI SiC/SiC*

SAMANTHA HAYES DALY (Mechanical Engineering)

\$10,000 05/01/2015 - 08/31/2015

*Feasibility Study for Implementing a Separation Video System on a Pegasus Launch*

CHRISTOPHER S RUF (Space Physics Research Lab)

\$63,623 06/08/2015 - 06/07/2016

**National Hemophilia Foundation, The**

*Clinical Coagulation Training through the NHF/Baxter Clinical Fellowship*

JORDAN A SHAVIT (Pediatrics-Hematology/Oncology)

\$196,625 07/01/2015 - 06/30/2017

**National Multiple Sclerosis Society**

*National Multiple Sclerosis Society and University of Michigan MS Center for Comprehensive Care Agreement*

BENJAMIN M SEGAL (Neurology Department)

\$1,000 10/01/2015 - 09/30/2016

**National Pancreas Foundation**

*Identifying somatic mutations in chronic pancreatitis*

ANDREW RHIM (Int Med-Gastroenterology)

\$50,000 06/01/2015 - 05/31/2016

**National Science Foundation**

*Multi-scale Simulations of Branched Thread-like Micelles*

RONALD G LARSON (Chemical Engineering Dept)

\$320,548 09/01/2015 - 08/31/2018

*IRES: The University of Michigan and South African National Space Agency (SANSA) Space Weather International Research Experience for Students Program*

MARK MOLDWIN (Atm, Oceanic & Space Sci.)

\$250,000 06/15/2015 - 05/31/2018

*Connecting the Solar Wind from the Corona to the Heliosphere*

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

with ENRICO LANDI

\$357,000 06/15/2015 - 05/31/2018

*Drell-Yan Studies at Fermilab*

WOLFGANG B LORENZON (LSA Physics)

\$636,000 06/15/2015 - 05/31/2018

*Collaborative Research:EARS: Creating an Ecosystem for Enhanced Spectrum Utilization Through Dynamic Market Mechanisms*

VIJAY GAUTAM SUBRAMANIAN (COE EECS - ECE - Cspl)

\$239,198 09/15/2014 - 08/31/2017

*Investigating Entrepreneurship Education as a Means to Developing the 21st Century Engineer*

AILEEN Y HUANG-SAAD (Biomedical Engineering)

\$249,947 06/15/2015 - 05/31/2017

*Genomic signatures of reproductive isolation in a primate hybrid system*

LILIANA CORTES-ORTIZ (LSA Ecology & Evolutionary Bio)

\$303,924 06/15/2015 - 05/31/2018

*Non-Heme Iron(II)-Nitrosyl and -Nitroxyl Complexes: Key Intermediates in Nitric Oxide Reductases: ROA Supplement*

NICOLAI LEHNERT (LSA Chemistry)

\$59,592 08/01/2013 - 07/31/2016

*Thermal Rectification and Heat Transfer Enhancement via Near-Field Radiation*

PRAMOD SANGI REDDY (Mechanical Engineering)

with EDGAR MEYHOFER

\$341,938 06/01/2015 - 05/31/2018

*Environmental Impacts of Using Distributed Energy Storage for Power System Reserves*

JEREMIAH JOHNSON (Sch of Nat Resources & Environ)

with JOHANNA MATHIEU

\$309,995 09/01/2015 - 08/31/2018

*AF: Medium: Collaborative Research: Hardness in Polynomial Time*

SETH PETTIE (EECS - CSE - SSRL)

\$599,945 09/01/2015 - 08/31/2019

*SHF: Medium: Collaborative Research: Atomic scale to circuit modeling of emerging nanoelectronic devices and adapting them to commercial SPICE simulation package*

PINAKI MAZUMDER (EECS - CSE - SSRL)

\$400,622 06/15/2015 - 05/31/2018

*Determining hillslope-scale material strength from seismically-triggered landslide events*

MARIN KRISTEN CLARK (LSA Earth & Environmental Sci.)

\$294,470 06/15/2015 - 05/31/2018

*Sulfur Isotope Fractionation and Sulfur Partitioning between Apatite and Silicate Melts*

ADAM CHARLES SIMON (LSA Earth & Environmental Sci.)

\$350,320 07/01/2015 - 06/30/2018

*Multicomponent Diffusion in Silicate Melts*

YOUXUE ZHANG (LSA Earth & Environmental Sci.)

\$410,000 07/01/2015 - 06/30/2018

*Doctoral Dissertation Research: Talk of Rights: Legal Action and Collective Bargaining for Workers in a Global Economy*

KIYOTERU TSUTSUI (LSA Sociology)

\$11,983 07/01/2015 - 06/30/2016

*An Undergraduate Workshop on "Big Data, Human Health and Statistics"*

BHRAMAR MUKHERJEE (Biostatistics Department)

\$15,000 06/15/2015 - 05/31/2016

*PFI: AIR-TT: Prototype Scale-up for Traumatic Pelvic and Abdominal Injury Decision Support System (DSS)*

KAYVAN NAJARIAN (Comp Med and Bioinformatics)

\$12,000 05/07/2015 - 09/30/2016

*Conference proposal: From Industrial Statistics to Data Science*

ELIZAVETA LEVINA (LSA Statistics)

\$15,000 07/01/2015 - 06/30/2016

*AIR Option 1: Technology Translation: Prototyping a smart multi-dimensional micro-gas chromatography instrument with unprecedented peak capacity*

XUDONG FAN (Biomedical Engineering)

\$3,592 06/05/2015 - 12/31/2015

*REU Supplement for CAREER: Collective Quantum Phenomena of Matter and Light by Design*

HUI DENG (LSA Physics)

\$5,000 06/03/2015 - 12/31/2016

*Organometallic Chemistry of High Valent Palladium, Nickel, and Copper Supplement*

MELANIE S SANFORD (LSA Chemistry)

\$9,706 06/15/2015 - 07/31/2017

**Nelson/Nygaard Consulting Associates**

*Subcontract DTRT57-14-R-SBIR: Estimating Cruising for Parking*

ROBERT CORNELIUS HAMPSHIRE (UMTRI-Human Factors)

\$17,376 03/17/2015 - 09/16/2015

**Neuren Pharmaceuticals Limited**

*A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Fixed Dose Study of NNZ-2566 in Fragile X Syndrome*

JEFFREY W INNIS (Pediatrics-Genetics)

\$103,118 04/20/2015 - 04/30/2016

**Neuros Medical, Inc.**

*High-Frequency Nerve Block for Post Amputation Pain: A Pivotal Study*

CHAD MICHAEL BRUMMETT (Anesthesiology Department)

\$30,599 05/19/2015 - 09/16/2016

**Northwestern University**

*Spectrum Sharing in the Shadow of Uncertainty: Risk, Incentives and Investment*

VIJAY GAUTAM SUBRAMANIAN (COE EECS - ECE - Cspl)

\$235,847 09/01/2014 - 08/31/2017

**NPS Pharmaceuticals, Inc**

*Teduglutide Augmentation of Intestinal Lengthening Using an Implantable Mechanical Device*

DANIEL H TEITELBAUM (Pediatric Surgery Section)

\$307,974 05/14/2015 - 10/31/2016

**Oak Ridge National Laboratory**

*Light Water Reactor Analysis*

THOMAS J DOWNAR (Nuclear Eng & Radiological Sci)

with ANDREW MICHAEL WARD

\$80,000 06/10/2015 - 01/10/2016

**ONL Therapeutics**

*Service agreement between ONL Therapeutics and the University of Michigan for testing of ONL compounds in retinal cell apoptosis models*

CAGRI GIRAY BESIRLI (Ophthalmology & Visual Science)

\$82,419 06/01/2015 - 11/30/2015

**Orchard View Schools**

*LessonSketch Online Modules for Implementing the Common Core Standard for Mathematical Practice in Orchard View Public Schools*

PATRICIO G HERBST (SOE-Educational Studies)

\$1,280 03/01/2015 - 06/30/2016

**Oregon State University**

*Forest Governance, Social Networks, and Landscape Dynamics in the Western Cascades*

ALEXANDRA PAIGE FISCHER (Sch of Nat Resources & Environ)

\$28,897 11/01/2014 - 10/31/2017



**Pardee, Elsa U., Foundation**

*Targeting Cross-presentation to Enhance Anti-leukemic Immune Responses after Allogeneic Stem Cell Transplantation in High Risk Acute Myeloid Leukemia*

JOHN M MAGENAU (Int Med-Hematology/Oncology)

with THOMAS M BRAUN

\$152,872 06/01/2015 - 05/31/2016

**Peace Corps**

*RFQ PC-15-Q-019 Peace Corps Campus Recruitment Services*

WILLIAM E NOLTING (International Center)

\$90,000 08/24/2015 - 08/23/2020

**Pharmacyclics, Inc.**

*A Multi-Center Open-Label Study of the Bruton's Tyrosine Kinase (BTK) Inhibitor, Ibrutinib, in Combination with MEDI4736, in Subjects with Relapsed or Refractory Lymphomas*

MOSHE TALPAZ (Int Med-Hematology/Oncology)

\$830,549 05/22/2015 - 03/31/2020

**PhasiQ, Inc.**

*SBIR PHASE II: Crosstalk-Free Multiplexed Immunoassay of Plasma Biomarkers*

JOSE ANTONIO DIAZ (Biomedical Engineering)

SHUICHI TAKAYAMA (Biomedical Engineering)

\$186,637 04/01/2015 - 03/31/2016

**PhRMA Foundation**

*Harvey Fellowship*

DAVID W HUTTON (Health Management and Policy)

\$25,000 12/31/2015 - 06/30/2017

**Planned Parenthood Federation of America**

*University of Michigan ? Planned Parenthood Stigma Work Collaborations*

LISA H HARRIS (Obstetrics and Gynecology Dept)

with JANE A HASSINGER

LISA ANN MARTIN

\$89,999 10/01/2014 - 08/31/2015

*University of Michigan ? Planned Parenthood CAPS Provider Share Workshop (PSW)*

LISA H HARRIS (Obstetrics and Gynecology Dept)

with LISA ANN MARTIN

\$4,855 04/06/2015 - 02/28/2016

**Plastic Surgery Educational Foundation**

*Optimization of Non-Vascularized Grafting in Irradiated Bone*

STEVEN R BUCHMAN (Plastic Surgery Section)

\$50,000 07/01/2015 - 06/30/2016

*Evaluating the Effectiveness of Microsurgery Proficiency Targets*

STEVEN JOHN KASTEN (Plastic Surgery Section)

with GURJIT SANDHU

\$10,000 07/01/2015 - 06/30/2016

**Procter and Gamble Company**

*Development and Verification of Methods to Measure AI Episodes (Frequency, Amount and Flowmetry) among Light, Moderate and Heavy Incontinence Sufferers*

JAMES A ASHTON-MILLER (Mechanical Engineering)

with JOHN O DELANCEY

\$178,355 06/15/2015 - 06/14/2016

*Michigan Materials Innovation Collaborative: Diffusion in polymeric material*

RONALD G LARSON (Chemical Engineering Dept)

\$7,482 06/22/2015 - 09/04/2015

**ProQuest Company**

*2016 MDP Project - Proquest 1*

GAIL HOHNER (CoE Multidisciplinary Design)

\$20,000 01/01/2016 - 12/31/2016

*2016 MDP - Proquest 2*

GAIL HOHNER (CoE Multidisciplinary Design)

\$20,000 01/01/2016 - 12/31/2016

**Radiation Monitoring Devices, Inc.**

*TlBr Detectors for Radiation Pagers*

ZHONG HE (Nuclear Eng & Radiological Sci)

\$40,000 05/01/2015 - 09/30/2015

**RAND Corporation**

*Costs of Dementia*

KENNETH M LANGA (Int Med-General Medicine)

\$30,000 03/01/2015 - 05/31/2015

**Registat**

*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)

\$336,577 06/25/2014 - 07/30/2024

**Robert Bosch Corporation LLC,**

*Bosch Corporate Partner Program 6/1/2015 - 5/31/2016*

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$10,000 06/01/2015 - 05/31/2016

**Sage, Russell, Foundation**

*Do Charter Schools Limit Access to Disadvantaged Students?*

ISAAC MCFARLIN (G. Ford Sc Pub Pol)

\$32,241 06/01/2015 - 05/31/2016

**Saudi Aramco Expec Annex**

*Tracing Fluid Migration and Oil and Gas Reservoir Sources*

MARIA C CRUZ DA SILVA CASTRO (LSA Earth & Environmental Sci.)

\$99,822 08/01/2015 - 07/31/2016

**Semiconductor Research Corporation**

*Infrared-Based Power Delivery and Communication for Implanted Sensors*

DAVID BLAAUW (COE EECS - ECE - SSEL)

with DENNIS MICHAEL SYLVESTER

\$125,000 06/01/2015 - 05/31/2016

**Shizuoka Prefectural Government**

*Shizuoka-University of Michigan Advanced Residency Training, Education and Research in Family Medicine (SMARTER Family Medicine)*

MICHAEL D FETTERS (Family Medicine)

\$167,885 04/01/2015 - 03/31/2016

**Siemens Health Care Diagnostics, Inc**

*Clinical Study Protocol for External Performance Evaluation of INNOVANCE Heparin (IUO) on BCS XP: Reproducibility*

STEVEN W PIPE (Pathology Department)

\$21,266 05/01/2015 - 06/30/2015

*External Performance Evaluation of assay applications on CS-2100i and CS-5100 Analyzers (Wave B)*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$112,354 04/29/2015 - 03/31/2016

**Smithsonian Institution**

*Exploring Astrophysical Hydrodynamics in the Laboratory*

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

\$113,357 07/01/2013 - 06/30/2016

**Society for Research in Child Development (SRCD)**

*Advancing Measurement of Fathering for Research on Child Development*

BRENDA L VOLLING (Center for Human Growth & Dev)

\$18,614 07/01/2015 - 06/30/2016

**Society of Nuclear Medicine**

*Evaluation of [11C]-carfentanil displacement with analgesic doses of buprenorphine administered intranasally and intramuscularly in rhesus monkeys*

PETER J SCOTT (Department of Radiology)

\$3,000 06/01/2015 - 08/31/2015

**Southwest Research Institute**

*Venus Express Participating Scientist Program: SPICAV Investigation to Address Upper Atmosphere Dynamics Supplemental Funding*

STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)

\$15,000 08/10/2010 - 01/31/2016

**Space Telescope Institute (STScI)**

*The evolutionary link between low-mass X-ray binaries and millisecond radio pulsars*

JON MATTHEW MILLER (LSA Astronomy)

\$53,020 06/01/2015 - 05/31/2018

*Mapping the LyC-Emitting Regions of Local Galaxies*

SALLY OEY (LSA Astronomy)

\$73,155 02/01/2015 - 01/31/2018

*HST Frontier Fields: Proposal to create gravitational lensing magnification maps*

KEREN SHARON (LSA Astronomy)

\$71,142 05/27/2015 - 09/30/2015

**STEL Technologies**

*NSF STTR: A Closed System Bioreactor for Automating Tissue Engineered ACL Production*

ELLEN M ARRUDA (Mechanical Engineering)

with LISA M LARKIN

\$79,301 01/01/2015 - 12/31/2015

**Systems and Technology Research**

*Time Reversal Approach for Advanced Imaging Radars at High MMW Frequencies*

KAMAL SARABANDI (COE EECS - ECE - Rad)

\$114,000 06/23/2015 - 06/22/2016

**Temple University**

*Snacking in Young Children: Parental Definitions, Goals and Feeding Practices (Year 2)*

JULIE C LUMENG (Center for Human Growth & Dev)

\$2,093 06/01/2015 - 05/31/2016

**Terumo Cardiovascular Systems**

*Fee for Service-Terumo Cardiovascular Group*

BRIAN DALE ROSS (Department of Radiology)

\$116,100 05/01/2015 - 04/30/2017

**Texas A & M University**

*Eco-Approach and Eco-Departure Planning Study*

DAVID J LEBLANC (UMTRI-Engineering Systems)

\$9,996 05/27/2015 - 01/27/2016

**The American Association of Immunologists, Inc.**

*TNA-alpha modulates plasticity in classically-activated dendritic cells during cryptococcal infection*

MICHAL A OLSZEWSKI (Int Med-Pulm./Critical Care)

\$22,920 09/01/2015 - 08/31/2016

**The Center for American Progress**

*Political Demographic Studies with the Center for American Progress - Amendment #1*

WILLIAM H FREY (Pop Studies-Research)

\$60,000 03/18/2015 - 02/29/2016

**Thomas Jefferson University**

*Genetic regulation of racial differences in platelet reactivity*

MICHAEL ALLAN HOLINSTAT (Pharmacology Department)

\$171,188 04/01/2015 - 02/28/2018

**Toyota Motor North America, Inc.**

*EN NUESTRA LENGUA LITERACY & CULTURE PROJECT-Toyota 2015*

TERESA L SATTERFIELD (Center for Human Growth & Dev)

\$3,000 09/01/2015 - 08/31/2016

**TransMedics**

*International Trial to Evaluate the Safety and Effectiveness of the Portable Organ Care System (OCS) Heart for Recruiting, Preserving and Assessing Expanded Criteria Donor Hearts for Transplantation (EXPAND Heart Trial)*

FRANCIS D PAGANI (Cardiac Surgery)

with JONATHAN W HAFT  
KEITH D AARONSON

\$123,756 06/25/2015 - 05/31/2017

**Transportation, Department of-Federal Aviation Administration**

*Preventing Clutter and Confusion on NextGen Flight Decks: Guidance for the Design, Evaluation, and Approval of NextGen Visual, Auditory and Tactile Displays and Controls*

NADINE BARBARA SARTER (CoE Center for Ergonomics)

\$56,953 09/01/2016 - 12/31/2016

**Tufts University**

*Role of Listeria CodY in integrating metabolism and virulence*

MARY X D O'RIORDAN (Microbiology and Immunology)

with KARLA PASSALACQUA

\$191,910 04/01/2015 - 03/31/2016

**Universidade de Sao Paulo (USP)**

*International Registry of Aortic Dissection - University of Sao Paulo*

KIM ALLEN EAGLE (Int Med-Cardiology)

\$5,000 05/28/2015 - 05/27/2016

**University of Alabama at Birmingham (UAB)**

*Integrating ENGagement and Adherence Goals upon Entry iENGAGE to Control HIV*

K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)

\$47,409 06/01/2015 - 05/31/2016

**University of California - Lawrence Berkeley National Laboratory**

*A Novel Coherent Combining Approach Towards High Peak and High Average Power Ultrafast Lasers*

ALMANTAS GALVANAUSKAS (COE EECS - ECE - USL)

with JOHN A NEES

\$905,000 06/01/2015 - 05/31/2018

**University of California - Los Angeles**

*Role of IAPP in Islet Dysfunction in Diabetes*

LESLIE SATIN (Pharmacology Department)

\$44,319 04/01/2015 - 01/31/2020

**University of California - San Francisco**

*Novel Therapies to Modulate the Inflammatory alloresponse in Renal Grants (CTOT-21)*

MILAGROS DALGIR SAMANIEGO-PICOTA (Int Med-Nephrology)

\$36,484 07/01/2014 - 06/30/2015

**University of Colorado**

*Genetic Association Meta-Analyses of Smoking and Drinking for the Sequencing Age*

GONCALO ABECASIS (Biostatistics Department)

\$75,874 05/01/2015 - 04/30/2020

**University of Delaware**

*BADER - Community Reintegration, Functional Outcomes and QOL after Upper and Lower Extremity Trauma*

CLAIRE Z KALPAKJIAN (Physical Medicine & Rehab Dept)

\$20,114 05/01/2015 - 09/29/2015

**University of Florida, The**

*Role of Periodontitis in Osteonecrosis of the Jaw Pathophysiology in Rice Rats*

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

\$44,073 08/01/2014 - 07/31/2019

**University of Illinois-Urbana-Champaign**

*Humanities without Walls Amendment related to Alternative Academic Career Summer Workshops for Pre-doctoral Students in the Humanities.*

SIDONIE A SMITH (LSA Humanities Institute)

\$9,000 02/25/2015 - 08/31/2016

**University of Iowa**

*Defining the role of early pulmonary vascular disease in COPD*

MEILAN K HAN (Int Med-Pulm./Critical Care)

with SUSAN MURRAY

\$146,112 04/15/2015 - 03/31/2016

**University of Minnesota**

*Models of Demographic and Health Changes Following Military Conflict*

SUSAN HAUTANIEMI LEONARD (ICPSR-Admin)

\$21,538 04/16/2015 - 02/29/2016

**University of North Carolina**

*Functional genetic variants for type 2 diabetes*

STEPHEN CJ PARKER (Bioinformatics)

\$37,476 05/01/2015 - 04/30/2016

**University of Notre Dame, The**

*Dating and Sex After Divorce at Midlife*

ELIZABETH ANN ARMSTRONG (LSA Sociology)

\$41,393 07/01/2015 - 06/30/2016

**University of Utah**

*POC Redox Assessment as a Biomarker for Shock and Resuscitation Endpoints*

THOMAS PATRICK SHANLEY (Pediatrics-Intensive Care)

\$63,000 01/01/2015 - 12/31/2017

**Vanderbilt University Medical Center**

*Framing Eighteen coils in cerebral Aneurysms Trial (FEAT)*

ADITYA S PANDEY (Neurosurgery)

\$10,000 05/01/2014 - 04/30/2017

**Various Sponsors**

*RECHARGE Crystallization & Protein Crystallography*

JEANNE A STUCKEY (Life Sciences Institute-Admin)

\$258,000 05/01/2015 - 04/30/2017

*RECHARGE Thermochronology Laboratory*

MARIN KRISTEN CLARK (LSA Earth & Environmental Sci.)

NATHAN A NIEMI (LSA Earth & Environmental Sci.)

\$30,000 06/01/2015 - 06/30/2016

**Veterans Affairs, Department of**

*IPA - Suzanna Zick*

SUZIE M ZICK (Family Medicine)

\$5,932 12/01/2014 - 09/30/2015

*VA subcontract-Enhancing Spatial Navigation (SPiRE) & Promoting Adaptive Neuroplasticity (MERIT) projects*

DOUGLAS C NOLL (Magnetic Resonance Imaging Fac)

with SCOTT J PELTIER

\$229,495 06/15/2015 - 06/14/2019

*IPA Martha Quinn*

LAURIE L LACHANCE (Hlth Behavior & Hlth Ed Dept)

\$21,892 04/15/2015 - 09/30/2015

*IPA Rosalinda Ignacio*

FREDERIC C BLOW (Psych HlthSvc Outcome Research)

\$123,917 05/01/2015 - 04/30/2016

*IPA Claire Stano*

HELEN C KALES (Psych Vamc)

\$52,183 05/01/2015 - 04/30/2016

*IPA agreement Cheryl Nowak - 03/30/2015 - 09/30/2015*

CLAIRE SIBYLLE DUVERNOY (Int Med-Cardiology)

\$33,884 03/30/2015 - 09/30/2015

*Martha Funnell VA IPA*

MARTHA M FUNNELL (DLHS Division of Prof Ed)

\$500 04/15/2015 - 07/14/2015

*IPA Agreement\_Tina Jones\_FY15\_Modification*

BENJAMIN M SEGAL (Neurology Department)

\$1,289 10/01/2014 - 09/30/2015

*IPA Shelley Stoll*

MARY ROSE JANEVIC (Hlth Behavior & Hlth Ed Dept)

\$76,789 05/01/2015 - 04/30/2016

*IVR system at UM MACC Ensuring Quality and Care Coordination in the Era of Veterans Choice*

JOHN D PIETTE (Hlth Behavior & Hlth Ed Dept)

\$16,890 06/15/2015 - 09/30/2015

**Washington University**

*Supporting Decision about Health Insurance to Improve Care for the Uninsured*

LAWRENCE C AN (Int Med-General Medicine)

\$52,072 09/25/2014 - 05/31/2015

**Washington University in St. Louis**

*Identifying Molecular Biomarkers of Long-Term Response to Androgen Deprivation Therapy and Radiation in Lethal Prostate Cancer*

FELIX Y FENG (Radiation Oncology - Can Bio)

\$99,972 12/24/2014 - 12/24/2015



**Washtenaw County Sheriff's Department**

*Washtenaw County Sheriff's Office of Community Engagement Evaluation Project (amendment 2)*

SUE ANN SAVAS (School of Social Work)

\$45,000 02/01/2015 - 01/31/2016

**William Harvey International Translational Research Academy (WHRI-ACADAEMY)**

*Pathophysiologic role of claudin proteins in controlling Intestinal Epithelial Barrier Function and Mucosal Homeostasis*

CHARLES PARKOS (Pathology Department)

\$96,848 06/01/2015 - 05/31/2018

**Wings for Life Spinal Cord Research Foundation**

*Identification of a novel molecular pathway for immune-mediated axon regeneration in the injured adult mammalian spinal cord*

ROMAN GIGER (Cell and Developmental Biology)

\$113,391 07/01/2015 - 06/30/2017

**Woodhaven-Brownstone School District**

*LessonSketch Online Modules for Implementing the Common Core Standard for Mathematical Practice in Woodhaven-Brownstown School District*

PATRICIO G HERBST (SOE-Educational Studies)

\$2,560 03/01/2015 - 12/31/2015

**World Auto Steel Association**

*ISD Student Capstone Projs with WorldAutoSteel*

DONALD E MALEN (CoE Integrative Sys & Design)

\$42,000 05/01/2015 - 12/31/2015

**World Bank**

*Tracking Light from the Sky Version 2.0 : Data Analytics to Monitor Rural Electrification - Terms of Reference*

BRIAN K MIN (CPS-Research)

\$125,022 03/10/2015 - 12/31/2015

**Wright State University**

*Covariance estimation methods using regularization techniques developed for multidimensional processes*

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

\$102,000 05/01/2015 - 04/30/2016

**Zipcar, Inc**

*Zipcar Affiliate Membership with MTC*

PETER FRANK SWEATMAN (MI Mobility Transformation Ctr)

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