AWARDS ESTABLISHED
Research and Other Sponsored Activities
July 1, 2015 through February 29, 2016

The awards detailed in this list were established July 1, 2015 through February 29, 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.

<table>
<thead>
<tr>
<th></th>
<th>Number of Awards FY 2015</th>
<th>Number of Awards FY 2016</th>
<th>% Change</th>
<th>Value of Awards FY 2015</th>
<th>Value of Awards FY 2016</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Awards Processed (February)</td>
<td>225</td>
<td>237</td>
<td>5.3%</td>
<td>$ 56,469,279</td>
<td>$ 66,654,154</td>
<td>18.0%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>150</td>
<td>149</td>
<td>-0.7%</td>
<td>$ 50,382,175</td>
<td>$ 54,613,991</td>
<td>8.4%</td>
</tr>
<tr>
<td>Research Training</td>
<td>5</td>
<td>8</td>
<td>60.0%</td>
<td>$ 260,956</td>
<td>$ 395,604</td>
<td>51.6%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>70</td>
<td>80</td>
<td>14.3%</td>
<td>$ 5,826,148</td>
<td>$ 11,644,559</td>
<td>99.9%</td>
</tr>
</tbody>
</table>

|                          | 2,225                    | 2,317                    | 4.1%     | $ 799,229,900           | $ 858,635,676           | 7.4%     |
| Research Awards          | 1,301                    | 1,396                    | 7.3%     | $ 597,169,794           | $ 717,441,504           | 20.1%    |
| Research Training        | 92                       | 108                      | 17.4%    | $ 25,373,823            | $ 39,040,275            | 53.9%    |
| Other Sponsored Activity | 832                      | 813                      | -2.3%    | $ 176,686,283           | $ 102,153,897           | -42.2%   |

February 2016 saw a general increase in the number and amount of awarded proposals as compared to February 2015. The larger number of awarded proposals above $500 thousand for February 2016 as compared to the February 2015 drove the increase in total award dollars. Contributing to this were the two largest awarded proposals for the month, both from NIH, of $3.6 million in the Microbiology and Immunology and $3.2 million in the Department of Learning Health Services. The decrease in the year-to-date total of other sponsored activity continues to be due in part to a number of awarded proposals in early FY2015 with award amounts greater than $2 million that as of yet are unmatched in FY2016.
February 2016 business not finalized by the date of graph generation, March 4, 2016.
AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

February 01, 2016 through February 29, 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.

3M
Product Choices - 3M year 3
YESIM ORHUN (ROSS SCH Research Support)
$15,000 01/01/2016 - 12/31/2016

3M (Minnesota Mining and Manufacturing Company)
How organizational structure can compensate for flawed mental representations - Yr 2
FELIPE A CSASZAR (ROSS SCH Research Support)
$15,000 01/01/2016 - 12/31/2016

Access Business Group, LLC
MR-Thermometry of Renaissance Treatment Devices Yr 2
LUIS HERNANDEZ-GARCIA (Magnetic Resonance Imaging Fac)
$53,836 01/01/2016 - 12/31/2016

Access Group Center for Research & Policy Analysis and Association for Institutional Research (AIR)
Predicting Law School Applications and Enrollment
STEPHEN LOWELL DESJARDINS (SOE-CSHPE)
$49,949 03/01/2016 - 02/28/2017

Acerta Pharma
An Open-label, Phase 1b Study of ACP-196 Alone or in Combination with Rituximab in Subjects with Follicular Lymphoma
TYCEL PHILLIPS (Int Med-Hematology/Oncology)
$242,048 02/05/2016 - 01/31/2017

Adventium Labs
KEVIN FU (EECS - CSE - SSRL)
$23,914 01/15/2016 - 01/14/2017

Aetna Student Health
International Student/Scholar Health Insurance Advisor Position (2015 -16)
LOUISE M BALDWIN (International Center)
$24,473 09/01/2015 - 08/31/2016

Afferent Pharmaceutical
A Randomized Placebo-Controlled Study to Assess the Efficacy and Safety of AF-219, a P2X3 Receptor Antagonist, in Subjects with Idiopathic Pulmonary Fibrosis (IPF) with Persistent Cough
KEVIN R FLAHERTY (Int Med-Pulm./Critical Care)
$6,000 08/21/2015 - 07/31/2016
Albert Einstein Healthcare Network
Albert Einstein HRA 10/1/2015 - 06/30/2016
MICHAEL PATTERSON O’DONNELL (Health Management Research Ctr)
$16,000 10/01/2015 - 06/30/2016

Alcon Laboratories, Inc.
Retinoic Acid Regulation of Anterior Segment Maintenance in a Zebrafish Model of Glaucoma
BRENDA LYNN BOHSACK (Ophthalmology & Visual Science)
$50,000 12/17/2015 - 12/31/2016

American College of Physicians
University of Michigan Hospitalist- Annals of Internal Medicine Collaboration
DAVID H WESORICK (Int Med-General Medicine)
with VINEET CHOPRA
$20,000 02/15/2016 - 02/14/2017

American Gastroenterological Association
American Gastroenterological Association (AGA) Inservice Exam 2016
JAMES T FITZGERALD (DLHS Division of Prof Ed)
$50,375 01/01/2016 - 12/31/2016

American Skin Association
Global metabolome analysis to elucidate the role of the microbiome in psoriasis
ANDREW JOHNSTON (Dermatology Department)
$15,000 01/01/2016 - 12/31/2016

American Society for Engineering Education (ASEE)
Lift Learning Hub Project
LAWRENCE ALYN MOLNAR (IRLEE)
$6,000 03/01/2016 - 05/31/2016

American Society of Hematology
Characterization and Prognostic Impact of Genomic Minimal Residual Disease in AML
SAMI MALEK (Int Med-Hematology/Oncology)
$100,000 07/01/2016 - 06/30/2018

AnaptysBio
Prevalence of IL36RN mutations in generalized pustular psoriasis
JOHANN E GUDJONSSON (Dermatology Department)
$145,158 01/29/2016 - 07/31/2016

Arborsense Inc.
Wearable Nanoelectronic Vapor Sensors for Transdermal Alcohol Monitoring
XUDONG FAN (Biomedical Engineering)
ZHAO HUI ZHONG (Biomedical Engineering)
$29,599 01/01/2016 - 06/30/2016

Argonne National Lab
MIDWEST INTEGRATED CENTER FOR COMPUTATIONAL MATERIALS (MICCOM)
SHARON C GLOTZER (Chemical Engineering Dept)
$128,000 09/29/2015 - 07/31/2016
ARGONNE NATIONAL LABORATORY
Automotive Analysis Affiliates Program_ARGONNE NATIONAL LABORATORY
BRUCE M BELZOWSKI (UMTRI - Automotive Futures)
$7,500 12/01/2015 - 11/30/2016

ASC Foundation
IMPLEMENTING 'SPOKEN-TUTORIALS? FOR PAP SMEARS - EDUCATIONAL MODULES IN LOCAL INDIAN DIALECTS TO INCREASE CYTOSCREENER TRAINING PROGRAMS
RAJAN DEWAR (Pathology Department)
$10,000 01/01/2016 - 12/31/2016

A Sister's Hope
A novel scaffold to detect metastasis and measure therapeutic response for aggressive breast cancer subtypes
JACQUELINE S JERUSS (GSA - Surgical Oncology (SON))
$10,000 02/27/2015 - 05/26/2016

Banner Health
Alzheimer's Prevention Initiative APOE4 Trial
SCOTT ROBERTS (Hlth Behavior & Hlth Ed Dept)
$34,906 03/01/2016 - 02/28/2017

Battelle Memorial Institute
Post Cap Monitoring of Enhanced Monitored Natural Recovery at MCB Quantico, Site 99.
ALLEN BURTON (Sch of Nat Resources & Environ)
$32,710 09/09/2015 - 07/31/2016

Phosphorus Load Response Modeling for Lake Erie Supplement
DON SCAVIA (Graham Sustainability Inst.)
$20,000 08/01/2014 - 08/13/2016

Boehringer Ingelheim, Ltd.
Boehringer Ingelheim, Ltd. 04-01-2016 - 03-31-2019
MICHAEL PATTERSON O'DONNELL (Health Management Research Ctr)
$112,500 04/01/2016 - 03/31/2019

Boeing
Error Estimation and Adaptation for Large-Scale Steady and Unsteady CFD Simulations
KRZYSZTOF J FIDKOWSKI (Aerospace Engineering)
$100,000 01/01/2016 - 12/31/2016

Brigham and Women's Hospital
Impact of Disclosing Amyloid Imaging Results to Cognitively Normal Individuals
SCOTT ROBERTS (Hlth Behavior & Hlth Ed Dept)
with ROBERT A KOEPPE
WENDY R UHLMANN
$116,357 08/20/2015 - 07/31/2016

Broad Institute
Center for Common Disease Genetics
GONCALO ABECASIS (Biostatistics Department)
with MICHAEL LEE BOEHNKE
$290,007 01/14/2016 - 11/30/2016
CareDx

**OUTCOMES ALLOMAP REGISTRY (OAR) AND DONOR-DERIVED CELL-FREE DNA ? OUTCOMES ALLOMAP REGISTRY SUB-STUDY: UTILITY OF DONOR-DERIVED CELL-FREE DNA IN ASSOCIATION WITH GENE-EXPRESSION PROFILING (ALLOMAP?) IN HEART TRANSPLANT RECIPIENTS (D-OAR) STUDY AGREEMENT**

MONICA MECHELE COLVIN  (Int Med-Cardiology)

$63,590  01/01/2016 - 12/31/2020

Chaldean Community Foundation

**Chaldean Foundation Household Survey**

TIMOTHY ALLAN DAVIS  (Dbn College of Business)

with CRYSTAL JEAN SCOTT

$15,150  12/01/2015 - 04/30/2016

Children’s Heart Foundation

**Thymus Mesenchymal Stem Cells for Right Ventricle Failure in HLHS**

MING-SING SI  (Cardiac Surgery)

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

Children’s Hospital of Philadelphia

**CC-5013-AML-002, A PHASE 2, MULTICENTER, SINGLE-ARM, OPEN-LABEL STUDY TO EVALUATE THE ACTIVITY, SAFETY AND PHARMACOKINETICS OF LENALIDOMIDE (REVLIMID?) IN PEDIATRIC SUBJECTS FROM 1 TO = 18 YEARS OF AGE WITH RELAPSED OR REFRACTORY ACUTE MYELOID LEUKEMIA**

RAJEN J MODY  (Pediatrics-Hematology/Oncology)

$88,000  02/24/2016 - 09/30/2020

Children’s Hospital of Philadelphia

**A Randomized Phase III Study of Brentuximab vedotin (IND#117117) for Newly Diagnosed Classical Hodgkin Lymphoma (cHL) in Children and Adolescents**

RAJEN J MODY  (Pediatrics-Hematology/Oncology)

$2,500  02/24/2016 - 12/31/2021

Chiltern

**A Phase 1 Study of BLU-285 in Patients with Advanced Systemic Mastocytosis (advSM) and Relapsed or Refractory Myeloid Malignancies.**

MARIE NGUYEN  (Int Med-Hematology/Oncology)

$371,604  02/05/2016 - 12/21/2020

Citadel LLC

**Corporate Partner Program - Citadel LLC 1/1/2016 - 12/31/2016**

JEANNE P MURABITO  (CoE Eng Career Resource Center)

$5,000  01/01/2016 - 12/31/2016

Council on Library and Information Resources

**The Edison Collection of American Sheet Music, 1800-1870**

KRISTEN LAURA CASTELLANA  (Library Research-Arts &Humanit)

with ELLEN K W MUELLER  
JOHN PATRICK WEISE  
KAT HAGEDORN  
LAWRENCE R WENTZEL

$243,682  06/01/2016 - 05/31/2018
Production and characterization of gliadin loaded nanoparticles
LONNIE DAVID SHEA (Biomedical Engineering)
$24,000 12/01/2015 - 11/30/2016

Covance, Inc.
UMCC 2012.118_A Randomized, Open-Label, Multicenter, Phase II Trial Evaluating the Safety and Activity of Pinatuzumab Vedotin (DCDT2980S) in Combination With Rituximab or Polatuzumab Vedotin (DCDS4501A) in Combination With Rituximab and a Non-Randomized Phase Ib/II Evaluation of Polatuzumab Vedotin in Combination With Obinutuzumab in Patients With Relapsed or Refractory B-cell Non-Hodgkin’s Lymphoma
TYCEL PHILLIPS (Int Med-Hematology/Oncology)
$792,011 11/24/2015 - 11/30/2019

Crohn’s and Colitis Foundation of America
Gut dysbiosis increases the risk of Clostridium difficile infection in patients with inflammatory bowel disease
NOBUHIKO KAMADA (Int Med-Gastroenterology)
$174,750 01/01/2016 - 12/31/2018

Cubist/Merck
A phase 1, non-comparative, open-label study to characterize the pharmacokinetics of a single intravenous dose of ceftolozane/tazobactam in pediatric patients receiving standard of care antibiotic therapy for proven or suspected gram-negative infection or for peri-operative prophylaxis
VARSHA MEHTA (Clinical Pharmacy)
with ROBERT E SCHUMACHER
$66,825 12/08/2015 - 12/31/2016

cymer, An ASML company
Cymer 12/17/2015 - 12/16/2016
JEANNE P MURABITO (CoE Eng Career Resource Center)
$2,500 12/17/2015 - 12/16/2016

Cystic Fibrosis Foundation
Improving nuclease mediated correction of the CFTR gene in CF cells
JIE XU (Int Med-Cardiology)
with HIROYUKI HIRAI
JIFENG ZHANG
$81,000 11/01/2015 - 10/31/2016

Daegu Gyeongbuk Institute of Science and Technology (DGIST)
Checking Normal Operation of a Vehicle through Consistency-Checking
KANG GEUN SHIN (EECS - CSE - RTCL)
$37,389 12/20/2013 - 11/30/2016

DARPA - Microsystems Technology Office
Sparse Adaptive Local Learning for Sensing and Analytics (SALLSA) UofM Task 2 Phase 2 Add-on
WEI LU (COE EECS - ECE - SSEL)
with MICHAEL FLYNN
ZHENGYA ZHANG
$1,054,205 11/01/2015 - 07/31/2017
Delta Dental Foundation

The Role of Msx2 in Osteoblast Differentiation and Intramembranous Bone Formation
NORIAKI ONO (DENT Orthodontics)
$3,000 03/01/2016 - 06/30/2017

A novel material for pulpal regeneration after direct pulp therapy: a pre-clinical pilot study
PETROS PAPAGERAKIS (DENT Pediatric)
$3,000 03/01/2016 - 12/31/2016

Patient Treatment Acceptance Based on 3D Image Analysis of Dentition
GISELE DE FARIA NEIVA (DENTCariology, Restor Sci & Endo)
$1,875 01/01/2016 - 05/31/2016

DENSO International America, Inc

Identification and analysis of selected lane departure/merge crashes
DANIEL F BLOWER (UMTRI-Data Center)
with JOHN M SULLIVAN
$22,359 01/01/2016 - 03/31/2016

DTRA

Molecular-Level Understanding of Enzyme-Surface Interactions on Complex Surfaces and Its Impact on Sensing Uranyl Cations
ZHAN CHEN (LSA Chemistry)
with E NEIL G MARSH
$1,050,000 01/21/2016 - 01/20/2019

EdLogics

EdLogics HRA 2016-2018
MICHAEL PATTERSON O’DONNELL (Health Management Research Ctr)
$95,000 01/01/2016 - 12/31/2018

Extracorporeal Life Support Organization (ELSO)

Development of a Case-Mix Adjustment Index to Compare Standardized Mortality Rate for Children Requiring Extracorporeal Membrane Oxygenation
MATTHEW M DAVIS (Pediatrics-Ambulatory Care Pgm)
with PHIL BOONSTRA
$10,000 02/01/2016 - 10/31/2016

FHI360

Validation of sexual and adherence behavior questions through cognitive testing
K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)
$268,026 12/01/2015 - 11/30/2017

Ford Alliance

Interactive Pedestrian Assistance Technology
RAM VASUDEVAN (Mechanical Engineering)
with MATTHEW KAI JOHNSON-ROBERSON
$179,364 01/01/2016 - 12/31/2017
Ford - Blue Oval Scholar

*EGR Deposit Research Blue Oval Scholar (Year Two)*

JOHN W HOARD  (Mechanical Engineering)

$4,994  
01/01/2016 - 12/31/2016

Ford Motor Company

*Enhancement of Column EPAS Steering Performance*

TAEHYUN SHIM  (Dbn Coll of Eng-Mechanical Eng)

$175,534  
07/01/2015 - 06/30/2017

*Impact Properties of Graphene Filled Sustainable Composites*

ALAN ARGENTO  (Dbn Coll of Eng-Mechanical Eng)

$60,000  
12/10/2015 - 12/11/2025

Ford UAW

*Automotive Futures Affiliates Program_Ford UAW*

BRUCE M BELZOWSKI  (UMTRI - Automotive Futures)

$7,500  
01/01/2016 - 12/31/2016

Ford-UM Alliance

*Study of Local Property Variations and Weld Line Failure Mechanisms in Extruded 6xxxx Series Al Alloys*

AMIT MISRA  (Materials Science & Engin.)

$180,000  
01/01/2016 - 12/31/2017

Ford-University of Michigan Alliance

*Development of high fidelity radar model for model based design*

KAMAL SARABANDI  (COE EECS - ECE - Rad)

$200,000  
01/01/2016 - 12/31/2017

Forsyth Institute

*Biomarkers of Periodontal Disease Progression- Supplement*

WILLIAM V GIANNOTILE  (DENT Periodontics and Oral Med)

$148,834  
09/21/2015 - 05/31/2016

GenomeDX

*The utility of targeted RNAseq from formalin fixed paraffin embedded (FFPE) prostate cancer tissue samples to predict long term patient outcome*

SCOTT ARTHUR TOMLINS  (Pathology Department)

$27,600  
02/07/2016 - 02/06/2018

Georgia Institute of Technology

*Atlantic Pediatric Device Consortium:The BUDDY Button ? A Low-Profile Gastrostomy Device*

JAMES DUNCAN GEIGER  (Pediatric Surgery Section)

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

Georgia Tech Research Corporation

*Multimodal Imaging of Shielded Special Nuclear Material*

IGOR JOVANOVIC  (Nuclear Eng & Radiological Sci)

$175,000  
01/01/2016 - 08/31/2016
Geosyntec Consultants

*BKK Landfill Specialized Testing Services Phase 2*

DIMITRIOS ZEKKOS (Civil & Environmental Engr)

$66,920 01/20/2016 - 01/19/2017

GlaxoSmithKline

*The role of RIP kinases in psoriatic hyperplasia*

ANDREW JOHNSTON (Dermatology Department)

$150,000 10/15/2014 - 02/16/2017

Harvard

*Addressing Mental Health Disparities in Refugee Children: A CBPR Collaboration*

MICHAEL D FETTERS (Family Medicine)

$7,908 09/01/2015 - 04/30/2016

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

*Molecular Mechanisms of Craniosynostosis*

NAN E HATCH (DENT Orthodontics)

$1,991,250 04/01/2016 - 03/31/2021

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

*Next-generation Mass Spectrometry Technologies for Integrated Structural Proteomics*

BRANDON THOMAS RUOTOLO (LSA Chemistry)

PHILIP C ANDREWS (LSA Chemistry)

with HOLLIS D SHOWALTER

$2,249,308 02/08/2016 - 01/31/2020

Healthy Business Group

*Healthy Business Group 2015*

LOUIS TZE-CHING YEN (Health Management Research Ctr)

$30,003 04/01/2015 - 03/31/2018

Heising - Simons Foundation

*Paleoclimate Simulation of Warm Climate, Looking Back to See the Future*

CHRISTOPHER JAMES POULSEN (LSA Earth & Environmental Sci.)

$382,520 09/01/2016 - 08/31/2019

Hektoen Institute for Medical Research

*Chicago Prevention and Intervention Epicenter Supplement (Chicago PIE) LTACH Microbiome Study 2*

VINCENT BENSAN YOUNG (Int Med-Infectious Diseases)

$58,000 09/01/2014 - 02/29/2016

Herman Miller, Inc.

*Quantifying Workstation Postures Using Depth Cameras*

BØYOUNG-KEON PARK (UMTRI-Biosciences)

$39,333 01/01/2016 - 06/30/2016

Histosonics

*Safety and Initial Efficacy Study of the VORTX RX for Treatment of Benign Prostatic Hyperplasia*

JOHN THOMAS WEI (Urology)

with WILLIAM W ROBERTS

$63,284 07/02/2013 - 10/31/2016
Simulator Evaluation of Driver-to-Driver (D2D) Messaging Concept in a Connected Vehicles Infrastructure

ANUJ KUMAR PRADHAN  (UMTRI-YDBIP)
with JOHN M SULLIVAN
SHAN BAO
$72,633  02/01/2016 - 10/14/2016

Honeywell International, Inc.

WIMS Center Full Member Partner - Honeywell International, Inc. 9/1/15 - 8/31/16

YOGESH B GIANCHANDANI  (COE EECS - ECE - WIMS - ERC)
$50,000  09/01/2011 - 08/31/2016

Hutchinson S.A.

WIMS Center Full Member Partner - Hutchinson S.A. 6/2/2015 - 6/1/2016

YOGESH B GIANCHANDANI  (COE EECS - ECE - WIMS - ERC)
$50,000  06/02/2014 - 06/01/2016

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)
$1,000  05/27/2015 - 04/30/2020

Innovations for Poverty Action (IPA)

Developing an innovative approach to measuring the livelihoods of smallholder farmers and testing critical linkages from farmer livelihoods to nutrition

ANDREW JONES  (Nutritional Sciences)
with JENNIFER BLESH
$115,317  09/01/2015 - 12/31/2017

International Psychogeriatric Association

Behavioral and Psychological Symptoms of Dementia: International Psychogeriatric Association Expert Panel

HELEN C KALES  (Psych - Geriatric)
$15,700  09/01/2015 - 06/01/2016

johns hopkins

SPORE: Molecular Basis of Head & Neck Cancer Biology-Oral HPV-SubK-JH

GREGORY T WOLF  (Cancer Center Roll-up)
with THOMAS E CAREY
$128,460  08/01/2015 - 07/31/2016

Jonas Center for Nursing Excellence

Jonas Nurse Leaders Scholar Program

ELLEN M LAVOIE SMITH  (SON-Grants)
$30,000  06/01/2016 - 07/31/2018

Flint Jonas Nursing Scholars 2016-18

BEVERLY JONES  (Flint Nursing)
CONSTANCE J CREECH  (Flint Nursing)
$40,000  06/01/2016 - 07/31/2018
Joslin Diabetes Center
Candidate biomarkers of progressive renal decline in type 1 diabetes
ANDRZEJ T GALECKI (IntMed-Geri & Palliative Med.)
$35,000 10/01/2015 - 09/30/2016

JPL
Ice Giants Science Definition Team Member
SUSHIL K ATREYA (COE Climate & Space)
$18,000 02/10/2016 - 02/26/2017

JSTOR
Journal Storage Project (JSTOR) - 2016
THOMAS A FINHOLT (School of Information)
$29,126 01/01/2016 - 12/31/2016

Karmanos Cancer Institute
Public Allies Partner
TRACY SMITH HALL (Dbn Office of Metro Impact)
$3,600 11/04/2013 - 11/03/2014

Kresge Foundation
Detroit Metropolitan Area Communities Study (DMACS): A Collaborative Information and Innovation Platform for the Region
ELISABETH GERBER (Pop Studies-Research)
JEFFREY D MORENOFF (Pop Studies-Research)
$300,000 02/01/2016 - 01/31/2018

LeMaitre Vascular
Surgeon Services Agreement with LeMaitre
THOMAS W WAKEFIELD (Vascular Surgery Section)
$30,000 01/29/2016 - 01/28/2019

LIAA
Michigan's Great Lakes Coastal Wetlands Climate Change Strategy: Enhancing Local Government Capacity to Address Change
CATHERINE M RISENG (Sch of Nat Resources & Environ)
$82,000 01/01/2016 - 12/31/2016

Li-Cor Inc.
Next Generation Western for high-throughput and high-content protein analysis
ROBERT T KENNEDY (LSA Chemistry)
$179,352 03/01/2016 - 03/01/2017

Living Laboratory
University of Michigan Living Lab Program
CRAIG SMITH (Center for Human Growth & Dev)
$3,000 01/01/2016 -

Los Alamos National Laboratory
SuperCam
PATRICK MCNALLY (Space Physics Research Lab)
$128,098 02/23/2016 - 06/30/2016
Lycera Corp
Additional funds for Evaluation of ROCK 1 and ROCK 2 inhibitors using models of intestinal fibrosis
  PETER DOYLE HIGGINS  (Int Med-Gastroenterology)
  $6,284  12/01/2014 - 08/31/2016

Lycera Corporation
Lycera Corp-Fee for Service
  BRIAN DALE ROSS  (Department of Radiology)
  $77,740  01/01/2016 - 12/31/2016

Magee Womens Research Institute
Behavioral Acceptability Protocol for MTN 026
  JOSE ARTURO BAUERMEISTER  (Hlth Behavior & Hlth Ed Dept)
  $39,599  12/01/2015 - 04/30/2016

Behavioral Acceptability Protocol for MTN 027
  JOSE ARTURO BAUERMEISTER  (Hlth Behavior & Hlth Ed Dept)
  $30,129  12/01/2015 - 04/30/2016

Magna International Inc.
Magna International Affiliate Membership with MTC
  HUEI  PENG  (MI Mobility Transformation Ctr)
  $100,000  01/01/2016 - 12/31/2017

Mapi Group
Entyvio (vedolizumab) long-term safety study
  PETER DOYLE HIGGINS  (Int Med-Gastroenterology)
  $434,450  02/24/2016 - 02/28/2024

MAPS - AGS
Using claims data to compare the safety of glaucoma drainage device vs trabeculectomy with and without ExPress shunt
  JOSHUA D STEIN  (Ophthalmology & Visual Science)
  $10,000  01/01/2016 - 12/31/2016

Marshall Space Flight Center
Migration of Raw IMAGE EUV Data from UDF to CDF
  MICHAEL WARREN LIEMOHN  (COE Climate & Space)
  $11,238  02/01/2016 - 01/31/2017

Massachusetts General Hospital
Follow Up Neuropsychiatric & Cognitive Testing Intensive care Outcomes Nexus (FUNCTION)
  THEODORE  IWASHYNA  (Int Med-Pulm./Critical Care)
  with MICK P COUPER
  $1,099,495  09/01/2015 - 04/30/2021

Mayo Clinic
PKD1 signaling in the initiation of pancreatic cancer
  HOWARD C CRAWFORD  (Molec & Integrative Physiology)
  $17,651  12/01/2015 - 11/30/2016
MedStar Health Research Institute
Treatment of Refractory Overactive Bladder with OnabotulinumtoxinA vs. PTNS: TROOP trial
ANNE KATHLEEN PELLETIER CAMERON  (Urology)
$6,470  02/08/2016 - 03/17/2017

Medtronic
Educational Subsidy for Healthcare Professionals-in-Training
DAWN MARIE COLEMAN  (Vascular Surgery Section)

Educational Subsidy for Healthcare Professionals-in-Training
DAWN MARIE COLEMAN  (Vascular Surgery Section)

Medical Device Security Workshop Boulder CO
PETER HONEYMAN  (EECS - CSE - SSRL)
with KEVIN FU
$13,925  02/01/2016 - 02/28/2016

Michigan ACE Network
Stronger Together: Developing a Local Network for Women in Academia
JESSICA L TISCHLER  (Flint Women's Educational Ctr)
RUSHIKA PATEL  (Flint Women's Educational Ctr)
$500  01/01/2016 - 03/31/2016

Michigan Advocacy Program
Unemployment Insurance Clinic
DAVID A SANTACROCE  (Law School Research Admin)
$20,000  09/01/2015 - 03/31/2016

Michigan Council for Arts and Cultural Affairs
2016 MPulse Grant
SARAH JANE RAU  (School of Music, Theatre&Dance)
$30,000  10/01/2015 - 09/30/2016

Michigan Economic Development Corporation
Tech Transfer Talent Network (3rd University Technology Acceleration Commercialization Program Award)
KENNETH J NISBET  (Office of Technology Transfer)
$1,000,000  12/16/2015 - 12/15/2016

Michigan State University
Mechanisms of Mycobacterium tuberculosis pH-driven adaptation
SCOTT D LARSEN  (PHARMACY Medicinal Chemistry)
$300,654  12/01/2015 - 11/30/2020

Michigan State University
Improving Adherence to Oral Cancer Agents and Self-Care of Symptoms Using an IVR
JOHN C KRAUSS  (Int Med-Hematology/Oncology)
$127,250  03/01/2014 - 02/29/2016
Michigan State University Center for Regional Food Systems

Hoey MSU Center for Regional Food Systems
Michigan Good Food Charter Phase II Project, Years 2 and 3
Scope of Work Specific for 2016

LESLI MICHELLE HOEY (Urban Planning)
$80,000 01/01/2016 - 12/31/2017

Mitsubishi Motors R&D of America
Sustainable Worldwide Transportation_Mitsubishi Motors R&D of America

MICHAEL SIVAK (UMTRI-Human Factors)
$25,000 02/01/2016 - 01/31/2017

MMRC
Phase II Randomized Trial of Continuation of Post-Transplant Maintenance with Single-Agent Lenalidomide vs. Consolidation/Maintenance with Ixazomib-Lenalidomide-Dexamethasone in Patients with Residual Myeloma

CRAIG E COLE (Int Med-Hematology/Oncology)
$199,314 11/13/2015 - 10/31/2020

MMRF
Clinical-Grade Molecular Profiling of Patients with Multiple Myeloma and Related Plasma Cell Malignancies

CRAIG E COLE (Int Med-Hematology/Oncology)
with ERICA CAMPAGNARO
$40,000 01/28/2016 - 12/31/2022

Mott Community College
Data Collection for Future Literacy Service Provider Asset Mapping

PAULA LANGE NAS (Flint University Outreach)
$6,160 01/04/2016 - 06/30/2016

Smart Teachers as Role Models STAR Year 9

ROBERT W BARNETT (Flint Sch of Ed and Human Svcs)
$17,306 11/01/2015 - 10/31/2016

MSU
Assisted reproductive technology and the risk of childhood cancer

MORTON B BROWN (Biostatistics Department)
$54,789 03/01/2016 - 08/31/2016

Multiple Myeloma Research
MMRC Site Investment Grant - 2016

MOSHE TALPAZ (Int Med-Hematology/Oncology)
$92,500 01/01/2016 - 12/31/2016
Long-Baseline Interferometry at the Exoplanet Frontier

JOHN D MONNIER (LSA Astronomy)
with EMILY RAUSCHER
FRED C ADAMS

$551,902 01/08/2016 - 01/07/2019

Intercalibration of the GPM Constellation Radiometers: Constellation Monitoring, Anomaly Resolution, and Uncertainty Quantification

DARREN SHAWN MCKAGUE (COE Climate & Space)

$359,000 02/03/2016 - 02/02/2019

Virtual Modeling Repository Community Enhancements

AARON JAMES RIDLEY (COE Climate & Space)
with DARREN LEE DE ZEEUW

$250,011 02/09/2016 - 02/08/2017

National Aeronautics and Space Administration

Stormtime plasmapause locations derived from IMAGE EUV

MICHAEL WARREN LIEMOHN (COE Climate & Space)
with ROXANNE M KATUS

$38,890 02/15/2016 - 02/14/2017

National Institute of Mental Health

Interagency Collaboration to Implement Effective Behavioral Interventions

ROGERIO PINTO (School of Social Work)

$826,212 09/01/2015 - 04/30/2017

National Institutes of Health

Modulation of Acetylation in the Treatment of Lethal Injuries

HASAN ALAM (GSA - Acute Care Surgery (ACS))
with YONGQING LI

$1,240,000 02/05/2016 - 01/31/2020

Integrating Quality Control: Studies of UBQLN2 in Age-Related Neurodegeneration

HENRY L PAULSON (Neurology Department)
MAGDALENA ILIEVA IVANOVA (Neurology Department)
with BRANDON THOMAS RUOTOLO
LISA MARIE SHARKEY
SAM J BARMADA

$2,778,674 02/01/2016 - 01/31/2021

The Mucolipin TRP Ion Channels

HAOXING XU (LSA Molec./Cell./Develop. Bio)

$1,666,356 02/15/2016 - 01/31/2021

Mechanisms underlying defective cortical development in Down syndrome

BING YE (Life Sciences Institute-Admin)
with KENNETH KWAN

$426,250 04/01/2016 - 03/31/2018
National Institutes of Health (NIH)

Unique roles for defined PVH neurons in the control of energy balance
DAVID PAUL OLSON  (Pediatrics-Endocrinology)

with MALCOLM J LOW
MARTIN MYERS

$2,317,230  04/01/2016 - 03/31/2021

National Science Foundation

Collaborative Research: GEM: System Study of the Plasmasphere in Solar Wind- Magnetosphere Coupling

DANIEL WELLING  (COE Climate & Space)

$149,893  03/01/2016 - 02/28/2019

CAREER: Integrated Modeling of Sustainability and Reliability for Interdependent Infrastructure Systems

SETH DAVID GUIKEMA  (Industrial & Operations Engin)

$9,554  12/01/2015 - 05/31/2017

CAREER: Adaptable, Intelligible, and Actionable Models: Increasing the Utility of Machine Learning in Clinical Care

JENNA WIENS  (EECS - CSE - AI/IS)

$502,839  02/01/2016 - 01/31/2021

CAREER: Designing A Predictable Database: An Overlooked Virtue

BARZAN MOZAFARI  (EECS - CSE - SSRL)

$500,000  02/01/2016 - 01/31/2021

CAREER: Protecting the Future of Children's Online Identities

SARITA A YARDI SCHONEBECK  (School of Information)

$549,821  08/01/2016 - 07/31/2021

CAREER: Dynamic transcription factor activity profiling for investigating mechanisms guiding early stage ovarian folliculogenesis

ARIELLA SHIKANOVA  (Biomedical Engineering)

$500,000  03/01/2016 - 02/28/2021

Commutative Algebra and Its Interactions with Algebraic Geometry: Tight Closure, Linkage, and Syzygies

MEL HOCHSTER  (LSA Mathematics)

$49,200  05/01/2016 - 04/30/2017

Dimensions: Collaborative Research: Can Evolutionary History Predict How Changes in Biodiversity Impact the Productivity of Ecosystems?

BRADLEY CARDINALE  (Sch of Nat Resources & Environ)

$3,818  01/28/2016 - 09/30/2016

I-Corps: Pain-free Database Administration via Workload Intelligence

BARZAN MOZAFARI  (EECS - CSE - SSRL)

$50,000  02/15/2016 - 07/31/2016

National Security Agency

Emerging Problems in the Geometry of Cluster Algebras

GREGORY MULLER  (LSA Mathematics)

$20,000  02/09/2016 - 02/08/2017
NCCN
*Phase II Trial Evaluating Axitinib In Patients with Unresectable, Recurrent Or Metastatic Head And Neck Cancer*

   FRANCIS P WORDEN   (Int Med-Hematology/Oncology)
   $246,413   05/06/2011 - 12/31/2016

*Nestle Health Sciences (Nestec Ltd)*
*Effectiveness of the Optifast program compared with a reduced-energy food based diet plan on body weight (OptiWin)*

   AMY ELIZABETH ROTHBERG   (Metabolism, Endo & Diabetes)
   $625,204   01/01/2016 - 12/31/2017

*New england research*
*Predicting the Safety and Effectiveness of Inferior Vena Cava filters (PRESERVE)*

   MINHAJUDDIN KHAJA   (Vascular Surgery Section)
   $180,000   02/18/2016 - 12/31/2019

*New York University Medical Center*
*Testing in mDia1 knockout for retinal pathology in diabetes and ischemia reperfusion*

   DAVID ANTONETTI   (Ophthalmology & Visual Science)
   with CHENG-MAO LIN
   $52,844   02/12/2016 - 12/31/2016

*NIH*
*Neuroimmunology of Malignant Brain Tumors: Innate Mechanisms*

   PEDRO LOWENSTEIN   (Neurosurgery)
   with GABRIEL NUNEZ
   MARIA CASTRO
   $2,065,229   02/15/2016 - 01/31/2021

*Targeting Inflammation with Salsalate as a Novel Therapy for Diabetic Neuropathy*

   EVA L FELDMAN   (Neurology Department)
   RODICA BUSUI   (Neurology Department)
   with MORTON B BROWN
   $2,811,437   03/01/2016 - 02/28/2021

*Lung Tissue Research Consortium - Clinical Centers*
*KEVIN R FLAHERTY   (Int Med-Pulm./Critical Care)*

   with DOUG ARENBERG
   ELLA A KAZEROONI
   ERIC S WHITE
   JEFFREY L MYERS
   JULES LIN
   MEILAN K HAN
   THOMAS J GIORDANO
   $900,237   03/01/2016 - 02/28/2020

*Ongoing Diabetes Self-Management Support in Church-Based Settings*

   GRETCHEL A PIATT   (DLHS Division of Prof Ed)
   with MARTHA M FUNNELL
   MARY ELLEN MICHELE HEISLER
   MARY ROSE JANEVIC
   WEN YE
   $3,222,575   03/01/2016 - 02/28/2021
Molecular Mechanisms of Tumor Behavior and Response to Therapy in HPV-positive Oropharyngeal Cancer

THOMAS E CAREY (Kresge Hearing Research Inst)

with CAROL ROSSIER BRADFORD
CHAD BRENNER
MARK E P PRINCE
MATTHEW EDWARD SPECTOR

$2,415,755 02/15/2016 - 01/31/2021

Genetic determinants of ACEI prodrug activation

HAOJIE ZHU (Clinical Pharmacy)

with AUDREY H WU
MIN ZHANG

$1,948,750 02/15/2016 - 01/31/2021

Characterizing the Respiratory Microbiome Via a Novel, Non-Invasive Technique

SARA D ADAR (Epidemiology Department)

with BETSY FOXMAN
GARY B HUFFNAGLE
JEFFREY L CURTIS
JOHN RUSSELL ERB-DOWNWARD
KERBY A SHEDDEN

$426,250 02/18/2016 - 01/31/2018

Characterization of TR2 and TR4 homodimer and heterodimer transcriptional mechanisms during erythropoiesis.

JAMES DOUGLAS ENGEL (Cell and Developmental Biology)

$114,120 02/01/2016 - 01/31/2018

Predicting protective T-cell responses in Tuberculosis using a systems biology approach

DENISE E KIRSCHNER (Microbiology and Immunology)

with SIMEONE MARINO

$3,646,429 02/15/2016 - 01/31/2021

Adrenal Origins of Aldosterone Excess

SCOTT ARTHUR TOMLINS (Molec & Integrative Physiology)
WILLIAM RAINEY (Molec & Integrative Physiology)

with JOSE JALIFE
THOMAS J GIORDANO
TOBIAS ELSE

$1,789,875 03/01/2016 - 02/28/2020

A novel rabbit model of cystic fibrosis

JIE XU (Int Med-Cardiology)

with JIFENG ZHANG

$426,250 04/01/2016 - 03/31/2018

Discovering Epilepsy Mechanisms in Dravet Syndrome

JACK M PARENT (Pharmacology Department)
LORI L ISOM (Pharmacology Department)

with HEATHER A O'MALLEY
LUIS FELIX LOPEZ-SANTIAGO
YUKUN YUAN

$2,676,075 02/15/2016 - 01/31/2021
L-Carnitine Pharmacometabolomics in Sepsis (CaPS)
KATHLEEN A STRINGER (Clinical Pharmacy)
with ALLA KARNOVSKY
CHARLES ROBERT EVANS
$1,204,516 04/01/2016 - 01/31/2020

Structure, mechanism, and biological role of a microbial fluoride channel
RANDY BUZZELL STOCKBRIDGE (LSA Biophysics)
$737,124 02/08/2016 - 01/31/2019

Supplement to a Hox-Wnt-Sox signaling axis regulates lung development, patterning and branching
JASON SPENCE (Int Med-Gastroenterology)
with DENEEN MARIE WELLIK
$206,666 02/05/2016 - 05/31/2016

SPIROMICS Amendment
MEILAN K HAN (Int Med-Pulm./Critical Care)
with CHRISTINE M FREEMAN
JEFFREY L CURTIS
$242,914 02/01/2009 - 07/31/2016

NIH/NEI
Muller glia and retina regeneration-Diversity supplement
DANIEL J GOLDMAN (Molecular & Behav Neurosc Inst)
$143,214 01/01/2016 - 12/31/2019

NINDS
A Community Partnership to Treat Stroke
LESLIE SKOLARUS (Neurology Department)
$1,620 09/01/2011 - 08/31/2016

Northwestern University
REU Supplement - NSF INSPIRE
SAMANTHA ROSE MEYER (ROSS SCH Research Support)
$4,989 10/01/2015 - 09/30/2016

Novartis
Long Term Follow-Up of Patients Exposed to Lentiviral-Based CD19 directed CART Cell Therapy
STEVEN C GOLDSTEIN (Int Med-Hematology/Oncology)
$197,095 02/01/2016 - 11/05/2036

NSBRI
Sensorimotor Adaptation Team Lead Amend 4
RACHAEL D SEIDLER (School of Kinesiology)
$12,500 01/01/2016 - 12/31/2016

nsf
Non-invasive real-time Brain-Computer Interface (BCI)
YATRIK M SHAH (Molec & Integrative Physiology)
$50,000 02/15/2016 - 07/31/2016
CAREER: Computational Approaches for Life Cycle Inventory Database Development  
MING XU  (Sch of Nat Resources & Environ)  
$509,800  02/01/2016 - 01/31/2021

CAREER: Investigating the Roles of Spatial Heterogeneity and Collateral Sensitivity in Evolved Bacterial Resistance to Environmental Stressors  
KEVIN WOOD  (LSA Biophysics)  
$503,007  03/01/2016 - 02/28/2021

Atomic High Magnetic Field Sensors  
GEORG A RAITHEL  (LSA Physics)  
$50,000  02/15/2016 - 07/31/2016

Oregon Health & Science University  
Evaluating System Change to Advance Learning and Take Evidence to Scale (ESCALATES)  
MICHAEL D FETTERS  (Family Medicine)  
$22,684  10/01/2015 - 04/30/2016

ECHO Validation Study For S1501 Prevention of Cardiac Events in Metastatic Breast Cancer Patients with Use of Carvedilol  
MONIKA JACQUELINE LEJA  (Int Med-Cardiology)  
$103,000  08/01/2015 - 07/31/2019

Ortho Clinical Diagnostics  
Ortho Vision Max Analyzer ? System External Evaluation  
ROBERTSON D DAVENPORT  (Pathology Department)  
$89,520  12/15/2015 - 04/15/2016

Pfizer, Inc.  
Catalysis of free radical reactions  
COREY STEPHENSON  (LSA Chemistry)  
$5,000  01/01/2016 - 12/31/2016

PPD  
A Multi-Center, Randomized, Controlled, Double-blind, Parallel Group, Phase 2/3 Clinical Trial to Evaluate the Safety and Efficacy of GR MD 02 for the Treatment of Liver Fibrosis and Resultant Portal Hypertension in Patients with NASH with Cirrhosis  
HARI S CONJEEVARAM  (Int Med-Gastroenterology)  
$607,827  01/26/2016 - 01/31/2019

PRA Health Sciences  
A Phase 2, Open-label, Translational Biology Study of Momelotinib in Transfusion-Dependent Subjects with Primary Myelofibrosis (PMF) or Post-polycythemia Vera or Post-essential Thrombocythemia Myelofibrosis (Post-PV/ET MF)  
MARIE NGUYEN  (Int Med-Hematology/Oncology)  
with MOSHE TALPAZ  
$266,475  01/27/2016 - 02/28/2016

Procter & Gamble  
Human Motion Simulation (HUMOSIM) Laboratory Support  
MATTHEW PAUL REED  (CoE Center for Ergonomics)  
$150,000  06/01/2015 - 05/31/2018
A Phase 2, Prospective Study Of PRM-151 In Subjects With Primary Myelofibrosis (PMF), Post-Polycythemia Vera MF (post-PV MF), Or Post-Essential Thrombocythemia MF (post-ET MF)

MOSHE TALPAZ (Int Med-Hematology/Oncology)
$460,492 02/09/2016 - 01/31/2021

Prostate Cancer Foundation

Development of a rational triple combination therapy for castrate-resistant prostate cancer

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)
$225,000 01/31/2016 - 01/31/2019

Providence Hospital

SPYRAL HTN On-Med and Off-Med

SUSAN P STEIGERWALT (Int Med-Cardiology)
$37,950 02/03/2016 - 12/31/2017

Quintiles, Inc

An Open-Label, Multicenter, Global Phase 2 Basket Study of Entrectinib for the Treatment of Patients with Locally Advanced or Metastatic Solid Tumors that Harbor NTRK1/2/3, ROS1, or ALK Gene Rearrangements

JOHN C KRAUSS (Int Med-Hematology/Oncology)
$279,372 01/29/2016 - 11/30/2020

RadioRX

BRAINSTORM Study: A Phase I Dose-Escalation Study of RRx-001 in Combination with Whole Brain Radiation in Subjects with Brain Metastases - Budget Amendment 2

MICHELLE KIM (Radiation Oncology - Ann Arbor)
with CHRISTOPHER D LAO
HEMANT PARMAR
MATTHEW JASON SCHIPPER
YUE CAO
$93,656 07/31/2014 - 01/31/2017

Renal Research Institute

Comparison of Respiratory Induced Limb Bioimpedance Changes with Inferior Vena Cava Diameter Changes to Assess Intravascular Volume Status in Patients Undergoing Hemodialysis

MICHAEL HEUNG (Int Med-Nephrology)
with MOHAMAD HAKAM TIBA
NIK THEYYUNNI
ROBERT DAVID HUANG
$42,830 06/01/2015 - 12/31/2016

Retrophin, Inc.

Retrophin Advisory Board and Consulting Agreement 2015

DEBBIE GIPSON (Pediatrics-Nephrology)
$24,000 02/03/2016 - 02/02/2017

Rheumatology Research Foundation (RRF)

Exploring lupus keratinocytes as a promoter of rash

J MICHELLE KAHLENBERG (Int Med-Rheumatology)
$125,000 10/01/2016 - 06/30/2018
Rice University
*Magnetized Accretion Shocks and Magnetospheres in the Laboratory*
CAROLYN CHRISTINE KURANZ (COE Climate & Space)
$64,172  11/01/2015 - 10/31/2017

Robert Bosch LLC
*Automotive Analysis Affiliates Program_Bosch*
BRUCE M BELZOWSKI (UMTRI - Automotive Futures)
$7,500  04/01/2016 - 03/31/2017

Rutgers University
*NHGRI Genome Sequencing Program Coordinating Center*
GONCALO ABECASIS (Biostatistics Department)
$70,436  01/14/2016 - 11/30/2016

Sandia National Laboratory
*Sandia Proposal*
RONALD M GILGENBACH (Nuclear Eng & Radiological Sci)
$15,000  02/04/2016 - 02/03/2019

Scleroderma Foundation
*Histone deacetylases in scleroderma: investigation of their roles in dysregulated angiogenesis*
PEI-SUEN TSOU (Int Med-Rheumatology)
$150,000  04/01/2016 - 03/31/2019

Shanghai Nuclear Engineering and Design Institute (SNERDI)
*SNERDI Technical Training Program*
LUMIN WANG (Nuclear Eng & Radiological Sci)
with ANNALISA MANERA
FEI GAO
THOMAS J DOWNAR
$26,880  09/01/2015 - 12/31/2016

Sigma XI
*High-Resolution Identification of Bacterial Global Regulator Binding Sites*
PETER LOUIS FREDDOLINO (Biological Chemistry Dept)
$960  02/01/2016 - 01/31/2017

Smithsonian Astrophysical Observatory
*Building a complete sample of z>1 XXL galaxy clusters*
AUGUST EVRARD (LSA Physics)
$26,672  01/21/2016 - 01/20/2017

Multi-wavelength Characterization of Candidate Black Holes in Nearby Dwarf Galaxies
ELENA GALLO (LSA Astronomy)
$36,946  01/27/2016 - 01/26/2018

Soar Tech
*Squad Multi-entity Autonomous TEam (SquadMATE)*
EDWIN OLSON (EECS - CSE - AI/IS)
$199,929  10/01/2015 - 09/30/2016
Social Science Research Council
Choreographing Cold War Asia: Convergent Transnationalisms and Cultural Exchange in the Era of Radical Nation Building
EMILY ELISSA WILCOX (LSA Asian Languages & Cultures)
$40,000  08/01/2016 - 07/31/2017

Society of Urodyamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU)
Onabotulinum toxin repeated injections in cervical spinal cord injury
ANNE KATHLEEN PELLETIER CAMERON (Urology)
$5,896  11/01/2015 - 10/31/2016

Southwest Solutions
Public Allies Partner
TRACY SMITH HALL (Dbn Office of Metro Impact)
$24,000  10/13/2014 - 07/31/2015

Space Telescope and Science Institute
STIS Observations of Metal-Poor Stars: Direct Confrontation with Nucleosynthetic Predictions
IAN U ROEDERER (LSA Astronomy)
$57,609  02/01/2016 - 01/31/2019

Space Telescope Science Institute
A New Opportunity to Detect Iron in the Most Iron-Poor Star Known
IAN U ROEDERER (LSA Astronomy)
$46,472  02/01/2016 - 01/31/2019

Spencer Foundation
Conceptualizing and Studying Social Emotional Learning (SEL) Practices in Schools: Implications for Adolescent Ethnic Racial Identity Development
DEBORAH RIVAS-DRAKE (SOE-Educational Studies)
$149,995  08/01/2016 - 05/31/2017

Stryker Instruments
Cranial Base Cadaver Course for UM/OSU Resident Education and Training
BYRON GREGORY THOMPSON (Neurosurgery)
$12,915  01/01/2016 - 04/30/2016

Takeda Educational Grants
IBD School Series of Videos
PETER DOYLE HIGGINS (Int Med-Gastroenterology)
$6,450  03/01/2016 - 03/01/2017

The George Gund Foundation
Great Lakes Climate Adaptation Network Scoping Meeting
DON SCAVIA (Graham Sustainability Inst.)
$5,080  10/01/2015 - 05/15/2016

Therapeutics Inc.
A Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy and Safety of Gevokizumab in Treating Active Ulcers of Pyoderma Gangrenosum
YOLANDA ROSI HELFRICH (Dermatology Department)
$130,812  04/23/2015 - 03/31/2023
The Spencer Foundation

**Student Loan Conference June 2016**

SUSAN MARIE DYNARSKI (FSPP Educ Policy Initiative)

$10,000 03/01/2016 - 08/31/2016

The Trustees of Columbia University in the City of New York

**Center for Public Research and Leadership**

DAVID A SANTACROCE (Law School Research Admin)

$16,600 09/08/2015 - 06/30/2016

UCSF

**Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts**

MILAGROS DALGIR SAMANIEGO-PICOTA (Int Med-Nephrology)

$101,832 07/01/2015 - 06/30/2016

United BioSource

**LOWER: Lomitapide Observational Worldwide Evaluation Registry**

MELVYN RUBENFIRE (Int Med-Cardiology)

$66,668 01/03/2016 - 12/31/2025

United States Treasury

**Low Income Taxpayer Clinic 2016 Grant**

NICOLE APPLEBERRY (Law Clinical Activity)

$85,000 01/01/2016 - 12/31/2016

University of Alberta

**Using microarrays to assess transplant biopsies: the future standard of care (INTERCOMEX: The INTERCOM extension study)**

MILAGROS DALGIR SAMANIEGO-PICOTA (Int Med-Nephrology)

$6,500 02/01/2016 - 10/30/2016

University of California - San Francisco

**Human Epilepsy Project (HEP)** 07/01/15-06/30/16

SIMON GLYNN (Neurology Department)

$42,365 07/01/2015 - 06/30/2016

University of Chicago

**Radiation Response Within the Tumor Microenvironment**

DANIEL A BEARD (Molec & Integrative Physiology)

$51,575 01/01/2016 - 07/31/2016

University of Delaware

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

CLAIRE Z KALPAKJIAN (Physical Medicine & Rehab Dept)

$9,651 05/01/2015 - 09/29/2017

University of Edinburgh

**Credit and Labour Market Foundations of the Macroeconomy**

MATTHEW D SHAPIRO (SRC-Hrs)

$242,282 06/01/2015 - 05/31/2020
University of Florida
Photoresponsive Polymers for Autonomous Structural Materials with Controlled Toughening and Healing, Award #W911NF-12-1-0014
HENRY SODANO (Aerospace Engineering)
$139,523 09/01/2015 - 04/20/2016

University of Minnesota
The kinase toolbox: Mapping the spatial and temporal regulation of cell signaling SUPPLEMENT
ARI GAFNI (LSA Biophysics)
$43,907 07/28/2015 - 08/31/2016

University of Nebraska
Graduate Psychology Education Program: Psychology Internship Training in Underserved Areas
BLAKE LANCASTER (Child Behavioral Health)
$21,180 07/01/2015 - 06/30/2016

University of Notre Dame
Fish Tissue Analysis for Persistent Organic Pollutants
STUART ARTHUR BATTERMAN (Environmental Health Sciences)
with SERGEY M CHERNYAK
$5,979 01/01/2016 - 04/30/2016

University of Notre Dame
Analysis of Fish Tissue Analysis for Persistent Organic Pollutants
STUART ARTHUR BATTERMAN (Environmental Health Sciences)
with SERGEY M CHERNYAK
$4,098 01/01/2016 - 04/30/2016

University of Pennsylvania
How Does FLT3 Mutation Regulate Myeloid Differentiation in Acute Myeloid Leukemia
MARIA FIGUEROA (Pathology Department)
$24,004 08/01/2015 - 07/31/2016

University of Southern California
Harmonized Diagnostic Assessment of Dementia (DAD) for Longitudinal Aging Study of India (LASI)
KENNETH M LANGA (SRC-Hrs)
$41,678 09/15/2015 - 05/30/2020

Cellular Energy Pathways as Novel Targets for the Therapy of Autosomal Dominant Polycystic Kidney Disease
SUBRAMANIAM PENNATHUR (Int Med-Nephrology)
with JAEMAN BYUN
$62,000 09/01/2015 - 08/31/2016

University of Washington
Analyzing the Cardiac Power Grid: Adaptive responses to fluctuating local demand
DANIEL A BEARD (Molec & Integrative Physiology)
with BRIAN E CARLSON
KALYAN C VINNAKOTA
RANJAN PRADHAN
$143,691 09/15/2015 - 05/30/2016
US Department of Agriculture
Evaluation of 2012 FoodAPS Year 2
   BRADY THOMAS WEST  (SRC-Survey Methodology Prog)
   $74,342  01/12/2016 - 01/31/2017

US Department of Agriculture (USDA)
Non-Thermal Plasmas as Airborne Pathogen Barriers for Animal Confinement Buildings
   HEREK CLACK  (Civil & Environmental Engr)
   with KRISTA WIGGINTON
   $100,000  02/15/2016 - 02/14/2017

USGS
Fish Habitat Restoration in the St. Clair River - yr 2 - Establishing Additional Fish Spawning Reefs in the Detroit River Area of Concern
   JENNIFER READ  (SNRE Michigan Sea Grant)
   $2,563,900  05/01/2013 - 04/30/2017

Valeo
Automotive Analysis Affiliates Program_Valeo
   BRUCE M BELZOWSKI  (UMTRI - Automotive Futures)
   $7,500  02/01/2016 - 01/31/2017

VA medical Center
Yongqun He - IPA
   YONGQUN HE  (Lab Animal Medicine Unit)
   $7,942  10/01/2015 - 09/30/2016

Varian Medical Systems
Design, Implementation, and Testing of Adaptive Workflow Tools
   KRISTY K BROCK  (Radiation Oncology - Physics)
   with KYLE CUNEO
   MARC L KESSLER
   $250,651  01/15/2016 - 06/30/2017

Various
RECHARGE #1028 CPROBE 2016
   FRANK C BROSIUS III  (Int Med-Nephrology)
   $98,266  01/01/2016 - 12/31/2016

Various Sponsors
RECHARGE: Molecular Genetic Method Core (MGM) #1022
   MARTIN MYERS  (Metabolism, Endo & Diabetes)
   $387,000  01/01/2016 - 12/31/2016

Vertex
Quantitation of Pseudomonas aeruginosa in cystic fibrosis sputum specimens
   JOHN JOSEPH LIPUMA  (Pediatrics-Infectious Diseases)
   $185,245  10/14/2015 - 07/22/2020
Veterans Administration

Ciofu IPA

JOHN D PIETTE (Hlth Behavior & Hlth Ed Dept)

$20,725 01/01/2016 - 12/31/2016

Veterans Affairs, Department of

IPA Agreement Wang, Hui 01/01/2016-9/30/2016

DANIEL T EITZMAN (Int Med-Cardiology)

$48,750 01/01/2016 - 09/30/2016

World Auto Steel Association

ISD Student Capstone Projs - WorldAutoSteel

DONALD E MALEN (CoE Integrative Sys & Design)

$35,350 01/01/2016 - 12/31/2016

WSU

Discoidin Domain Receptors: Novel Targets in Breast Cancer Bone Metastasis

CELINA G KLEER (Pathology Department)

$210,000 02/01/2016 - 01/31/2019

Yanfeng Global Automotive Interior Systems Co. Ltd.

Motion Sickness Literature Review

PAUL A GREEN (UMTRI-Driver Interface)

$29,752 03/01/2016 - 08/31/2016