The awards detailed in this list were established July 1, 2015 through May 31, 2016. The dollar values depict the best available estimate of the funding the University should receive over the life of the award. These values may be modified as additional data become available relative to future funding prospects. These modifications are not reported in the attached list. As a result, the dollar values of awards presented in this list will differ from the year-end totals. The full amount of an award is recorded in the year in which it was established. Often these funds are expended over several years, making comparisons between awards and expenditures somewhat misleading. Research expenditures are presented here to provide a trend line for the current fiscal year.

<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</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(May)</td>
<td>256</td>
<td>251</td>
<td>-2.0%</td>
<td>$ 83,838,665</td>
<td>$ 68,964,373</td>
<td>-17.7%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>164</td>
<td>162</td>
<td>-1.2%</td>
<td>$ 68,962,823</td>
<td>$ 57,532,200</td>
<td>-16.6%</td>
</tr>
<tr>
<td>Research Training</td>
<td>14</td>
<td>10</td>
<td>-28.6%</td>
<td>$ 7,016,775</td>
<td>$ 1,901,745</td>
<td>-72.9%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>78</td>
<td>79</td>
<td>1.3%</td>
<td>$ 7,859,067</td>
<td>$ 9,530,428</td>
<td>21.3%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Month</th>
<th>FY 2014</th>
<th>FY 2015</th>
<th>FY 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>$500M</td>
<td>$500M</td>
<td>$500M</td>
</tr>
<tr>
<td>August</td>
<td>$750M</td>
<td>$750M</td>
<td>$750M</td>
</tr>
<tr>
<td>September</td>
<td>$1,000M</td>
<td>$1,000M</td>
<td>$1,000M</td>
</tr>
<tr>
<td>October</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>November</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>December</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>January</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>February</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>March</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>April</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>May</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
<tr>
<td>June</td>
<td>$1,250M</td>
<td>$1,250M</td>
<td>$1,250M</td>
</tr>
</tbody>
</table>

Year To Date:
- FY 2014: $1,250M
- FY 2015: $1,250M
- FY 2016: $1,250M
The awards listed here by direct sponsor were established during the month designated in the heading above. For each award, the listing includes the award title, the principal investigator(s), the proposal administrative department, participating investigators with specified effort, the estimated amount awarded for the award period, and the estimated award period.

**Aegerion Pharmaceuticals**

**Professional Consulting Agreement**

ELIF A ORAL  (Metabolism, Endo & Diabetes)  
$2,500  04/21/2016 - 06/15/2016

**Aerojet Corporation**

**XR-100 Sub System Demonstration**

ALEC D GALLIMORE  (Aerospace Engineering)  
with JP SHEEHAN  
$355,822  03/01/2016 - 02/13/2017

**Aleris Inc.**

**Fatigue Characteristics of Aluminum Sheet Alloys**

HONG-TAE KANG  (Dbn Coll of Eng-Mechanical Eng)  
$14,438  06/13/2016 - 09/12/2016

**Alex’s Lemonade Stand**

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

CARL KOSCHMANN  (Pediatrics-Hematology/Oncology)  
$1,000  02/24/2016 - 06/30/2016

**Alliance for Vision Research**

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

ALON KAHANA  (Ophthalmology & Visual Science)  
$7,500  05/02/2016 - 04/29/2017

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

MARIA A WOODWARD  (Ophthalmology & Visual Science)  
$5,000  05/08/2016 - 05/07/2017

**American Academy in Rome**

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

HUSSEIN ANWAR FANCY  (LSA History)  
$28,000  09/12/2016 - 07/28/2017

**American Epilepsy Society**

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

JACK M PARENT  (Neurology Department)  
$45,000  07/01/2016 - 06/30/2017
American Foundation for Pharmaceutical Education
Lukasz Ochyl AFPE 2016 - Elicitation of cancer-specific CD8+ T-cell responses with nanoparticles for therapeutic vaccination against melanoma
   ANTOINETTE E HOPPER (PHARMACY Pharmaceutical Sci)
   $10,000  09/01/2016 - 08/31/2017

Eric Lachacz AFPE 2016 - Kinase Inhibitor-based Strategies for the Investigation of Kinase Chemical Biology and Disease
   ANTOINETTE E HOPPER (PHARMACY Medicinal Chemistry)
   $10,000  09/01/2016 - 08/31/2017

American Heart Association, Midwest Affiliate
Optimizing Synthetic HDL Potency through Phospholipid Composition
   ANNA A S SCHWENDEMAN (PHARMACY Pharmaceutical Sci)
   $4,000  06/01/2016 - 08/31/2016

American Iron and Steel Institute
Monotonic Tensile and Fatigue Behavior of Sheet Steel
   HONG-TAE   KANG (Dbn Coll of Eng-Mechanical Eng)
   $56,684  05/01/2016 - 03/31/2017

American Physiological Society
Regulation of Human Gastric Stem Cells
   LINDA C SAMUELSO (Molec & Integrative Physiology)
   $300  05/23/2016 - 07/29/2016

Amneal Pharmaceuticals
Amneal Pharmaceuticals characterization of teriparatide for Forteo and Amneal generic
   ANNA A S SCHWENDEMAN (PHARMACY Pharmaceutical Sci)
   $49,500  04/29/2016 - 04/28/2017

Ann and Robert H. Lurie Children’s Hospital of Chicago
Early Onset Epilepsy Consortium (EOEC) Incremental funding 2016
   RENEE ADELE SHELLHAAS (Pediatrics-Neurology)
   $10,134  01/01/2016 - 12/31/2016

Arbor Research Collaborative For Health
Dialysis Outcomes and Practice Patterns Study (DOPPS)
   MASAHITO   JIMBO (Family Medicine)
   $17,231  01/01/2016 - 12/31/2016

Arthritis National Research Foundation (ANRF)
Personalized approach to enhance prediction of psoriatic arthritis
   LAM CHEUNG TSOI (Dermatology Department)
   $100,000  07/01/2016 - 06/30/2017

Thrombo-inflammatory role of neutrophils in lupus
   JASON SCOTT KNIGHT (Int Med-Rheumatology)
   $100,000  06/01/2016 - 05/31/2017
ASLAP Foundation

2016 ASLAP Foundation Summer Fellowship Program

JEAN ANN NEMZEK (Lab Animal Medicine Unit)

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

Astra Zeneca AB

Target Characterization and IHC Validation (MedImmune)

MATTHIAS KRETZLER (Int Med-Nephrology)

with JEFFREY B HODGIN

WENJUN JU

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

AtriCure, Inc.

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

MATTHEW AUGUSTIN ROMANO (Cardiac Surgery)

with STEVEN F BOLLING

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

AT&T Corporation

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

JEANNE P MURABITO (CoE Eng Career Resource Center)

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

Avellino Laboratory USA, Inc

Keratonocous genetic screening study

SHAHZAD I MIAN (Ophthalmology & Visual Science)

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

Baxter Healthcare Corporation

Time motion study of CRRT solution preparation

BRUCE A MUELLER (Clinical Pharmacy)

with JOHN S CLARK

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

Behavioral Connections of Wood County Inc

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

ADDIE WEAVER (School of Social Work)

with SUE ANN SAVAS

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

Benaroya Research Institute at Virginia Mason (BRI)

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

YOLANDA ROSI HELFRICH (Dermatology Department)

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

Boehringer Ingelheim, Ltd.

Effects of nintedanib on lung fibroblast extracellular matrix production and signaling

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

with ERIC S WHITE

$40,000 05/01/2016 - 04/30/2017
Boeing Company, The
kparrish - New PAF - Fri Mar 11 15:09:54 EST 2016
JOAQUIM R R A MARTINS (Aerospace Engineering)
$49,950 04/27/2016 - 12/31/2016

Brain and Behavior Research Foundation
Effects of an Anxious Phenotype on Fear Learning in Infancy
JACEK DEBIEC (Molecular & Behav Neurosc Inst)
$70,000 01/15/2016 - 01/14/2018

Brain Research Foundation
Brain somatic mutations at ASD-associated genetic loci
KENNETH KWAN (Molecular & Behav Neurosc Inst)
$80,000 06/01/2016 - 05/31/2018

Celgene Corporation
A PHASE 2, OPEN-LABEL, MULTICENTER STUDY TO EXPLORE THE EFFICACY AND SAFETY OF MONGERSEN (GED-0301) IN SUBJECTS WITH ACTIVE ULCERATIVE COLITIS
PETER DOYLE HIGGINS (Int Med-Gastroenterology)
$85,755 02/02/2016 - 01/28/2017

Chalmers J. Lyons Academy
Prosthesis guided speech rehabilitation of T1/T2 cancers of the tongue (PGSRT): a randomized prospective clinical trial
STEPHANIE MARIE MUNZ (DENT OM Surgery/HD)
$20,525 05/03/2016 - 05/02/2018

CHDI Foundation, Inc.
Enroll-HD: Participant travel for, A Prospective Registry Study in a Global Huntington's Disease Cohort
NOELLE E CARLOZZI (Physical Medicine & Rehab Dept)
$8,625 03/22/2016 - 12/31/2018

Children's Hospital of Philadelphia, The
A PHASE 1 STUDY OF RAMUCIRUMAB, A HUMAN MONOCLONAL ANTIBODY AGAINST THE VASCULAR ENDOTHELIAL GROWTH FACTOR-2 (VEGFR-2) RECEPTOR IN CHILDREN WITH REFRACTORY SOLID TUMORS, INCLUDING CNS TUMORS
RAJEN J MODY (Pediatrics-Hematology/Oncology)
$36,000 02/26/2016 - 02/28/2020

Chiltern International, Inc
TRITON: The efficacy and safety of initial triple versus initial dual oral combination therapy in patients with newly diagnosed pulmonary arterial hypertension: A multi-center, double-blind, placebo-controlled, Phase 3b study
VALLERIE MCCLAUGHLIN (Int Med-Cardiology)
$177,320 03/16/2016 - 03/31/2019

Commerce, Department of-National Oceanic and Atmospheric Administration
MI_Meckley FY2016 Knauss - Trevor Meckley
JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)
$56,500 02/01/2016 - 01/31/2017

MI_Spooner FY2016 Knauss - Ellen Spooner
JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)
$56,500 02/01/2016 - 01/31/2017
Great Lakes Trade Adjustment Assistance Center FY 2015-2016

SCOTT DAVID JACOBS (IRLEE)

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

Conquer Cancer Foundation of ASCO

Predicting brain metastases in breast cancer patients through molecular profiling.

DANIEL F HAYES (Int Med-Hematology/Oncology)

with KELLEY KIDWELL

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

Covance Inc.

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

MAHA HUSSAIN (Int Med-Hematology/Oncology)

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

Cydan Development

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

HENRY L PAULSON (Neurology Department)

MARIA DO CARMO PEREIRA DA COSTA (Neurology Department)

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

Damon Runyon Cancer Research Foundation

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

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

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

Dana-Farber Cancer Institute

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

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

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

Defense, Department of-Air Force, Department of the

Sub-Diffraction Temperature Mapping of Protein Interconversions

SOMIN EUNICE LEE (COE EECS - ECE - SSEL)

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

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

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

with ANOUCK RENEE GIRARD

$95,427 05/01/2016 - 04/30/2017
Mechanics of Nanowire Interfaces Across Strain Rates
HENRY SODANO (Aerospace Engineering)
$244,070 05/01/2016 - 10/31/2017

A Novel Instrument for Probing Near-Field Radiation and Thermophotovoltaic Energy Conversion in Nanostructured and Low Bandgap Materials
EDGAR MEYHOFER (Mechanical Engineering)
$296,239 04/20/2016 - 04/19/2017

STANLEY SEUNGHOON BAEK (Dbn Col of Eng-Electric & Comp)
$24,000 04/01/2016 - 09/30/2016

Defense, Department of-Army, Department of the
Tuning Quantum Interferences in Nanoscale Molecular Junctions for High Power and High Efficiency Energy Conversion
PRAMOD SANGI REDDY (Mechanical Engineering)
with EDGAR MEYHOFER
$885,000 06/01/2016 - 05/31/2019

Denso International America
Effectiveness of innovative driver interfaces using focal and peripheral displays
MICHAEL J FLANNAGAN (UMTRI-Human Factors)
with ANUJ KUMAR PRADHAN
JOHN M SULLIVAN
SHAN BAO
$200,000 03/01/2016 - 02/28/2017

Dermatology Foundation
Identification of psoriasis-associated IncRNAs through systems biology framework
LAM CHEUNG TSOI (Dermatology Department)
$55,000 07/01/2016 - 06/30/2017

Director of National Intelligence, Office of the
Comb-based Multidimensional Coherent Spectroscopy
STEVEN THOMAS CUNDIFF (LSA Physics)
$394,955 05/06/2016 - 05/05/2017

Dow Chemical Company Foundation, The
Characterization by Rutherford Backscattering Spectrometry
GARY S WAS (Nuclear Eng & Radiological Sci)
$20,000 04/25/2016 - 04/25/2018

Dreyfus, Camille and Henry, Foundation, Inc.
New Approaches to Develop Catalysts for Energy Relevant Chemical Conversions
NATHANIEL SZYMczAK (LSA Chemistry)
$75,000 05/01/2016 - 04/30/2021
Defining the epigenetic landscape of pediatric posterior fossa ependymoma

SRIRAM VENNETI (Pathology Department)
$495,000  07/01/2016 - 06/30/2019

Emory University
Understanding Disparities in Effective HIV Treatment and Prevention: Involvement +

ROBERT BRIAN STEPHENSON (SON-Grants)
$44,000  07/01/2015 - 02/28/2019

Energy, Department of
Optical Two-Dimensional Spectroscopy of Semiconductor Quantum Wells and Quantum Dots

STEVEN THOMAS CUNDIFF (LSA Physics)
$450,000  06/01/2016 - 05/31/2019

Search for Dark Matter with the LZ experiment

WOLFGANG B LORENZON (LSA Physics)
with CARL W AKERLOF
$340,000  05/01/2016 - 03/31/2018

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

AARON THOMAS PIERCE (LSA Physics)
$20,000  08/01/2016 - 07/31/2017

Supplemental Proposal to Study the Properties and Interactions of Elementary Particles

DANTE ERIC AMIDEI (LSA Physics)
$16,000  05/01/2012 - 03/31/2017

Environmental Defense Fund (EDF)
Empowering Change Agents through Climate Corps

DON SCAVIA (Graham Sustainability Inst.)
with SARA SODERSTROM
$10,000  04/01/2016 - 12/31/2016

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

BEN DANTZER (LSA Psychology)
$2,000  05/01/2016 - 04/30/2017

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

JEANNE P MURABITO (CoE Eng Career Resource Center)
$2,500  04/16/2016 - 04/15/2017

Exxon Research and Engineering
Heterogeneous catalytic processes for chemical upgrading of methane

SULJO LINIC (Chemical Engineering Dept)
$186,000  06/01/2016 - 05/31/2018
Research Grant Proposal to Evaluate the City of Flint’s Draft Zoning Code

RICHARD K NORTON (Urban Planning)
$14,900 01/15/2016 - 03/31/2016

FM Global

FM Global-Summer Internship-Xingpeng Yu

ANN E JEFFERS (Civil & Environmental Engr)
$14,850 06/01/2016 - 09/09/2016

Ford Motor Company


JUN NI (CoE Ind/Univ Coop Research Ctr)
$40,000 01/01/2016 - 12/31/2016

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

YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)
$199,621 06/01/2016 - 05/31/2018

Characterization of Metallic Materials

KAI SUN (Materials Science & Engin.)
$45,000 01/01/2016 - 12/31/2016

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

GEORGE A LAVOIE (Mechanical Engineering)
$200,038 01/01/2016 - 12/31/2017

Visual Comfort of Older Drivers Year 2

MOJTABA NAVVAB (Coll of Arch & Urban Planning)
$100,000 09/01/2016 - 08/31/2017

Steering Disturbance Rejection Control Strategy

JAMES S FREUDENBERG (COE EECS - ECE - Con)
with BREN T GILLESPIE
$199,149 05/01/2016 - 04/30/2018

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

PETER J LENK (ROSS SCH Research Support)
$93,489 05/01/2016 - 04/30/2017

Li7La3Zr2O12 Based Solid State battery

JEFF S SAKAMOTO (Mechanical Engineering)
$198,000 09/01/2016 - 08/31/2018

2016 Ford/U-M Alliance Executive Committee Meeting

STELLA THEOCHARAKIS WIXOM (Business Engagement Center)
$15,000 04/01/2016 - 09/30/2016

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

PINGSHA DONG (Naval Arch & Marine Dept)
$78,000 05/06/2016 - 01/31/2017
Foundation for Anesthesia Education and Research
FAER 2016 Medical Student Anesthesia Research Fellowship (MSARF)
GEORGE A MASHOUR (Anesthesiology Department)
$4,200 06/01/2016 - 12/31/2016

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

ANNA G STEFANOPOLUOU (Mechanical Engineering)
with JASON BENJAMIN SIEGEL
$217,000 01/01/2013 - 12/31/2016

General Motors Company
In-Line Optimization for Engine Control Set-points Calibration

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)
with ANDRE L BOEHMAN
ANOUCK RENEE GIRARD
$120,011 05/03/2016 - 05/03/2018

Innovative Adjoint Methods for Road Vehicle Aerodynamics

KARTHIK DURAISAMY (Aerospace Engineering)

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

Genesee Intermediate School District
Great Start Readiness UM Flint Summer 15

DELLA BECKER-CORNELL (Flint ECDC)

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

George Washington University
Emotional Distress in a Comparative Effectiveness Trial of Diabetes Treatments

RODICA BUSUI (Metabolism, Endo & Diabetes)
WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

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

Gift of Life Michigan
Michigan Libraries for Life 2016-2017

KATE MACDOUGALL SAYLOR (Library - Health Sciences)

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

Goodyear Tire and Rubber Compa
Sustainable Worldwide Transportation_Goodyear

MICHAEL SIVAK (UMTRI-Human Factors)

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

Health and Human Services, Department of-Agency for Health Care Research and Quality
A geofencing based adaptive messaging system to support patient self-management of a low sodium diet in hypertension

MICHAEL PATRICK DORSCH (Clinical Pharmacy)
with SCOTT HUMMEL

$299,622 05/03/2016 - 04/30/2018
Health and Human Services, Department of-Centers for Disease Control and Prevention

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

MICK P COUPER (SRC-Survey Methodology)

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

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

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

YI LI (Biostatistics Department)

with JACK WHEELER

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

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

Modulation of aging through mechanisms of nutrient demand and reward

SCOTT PLETCHER (Molec & Integrative Physiology)

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

Early Detection of Colorectal Cancer on Near-Infrared Molecular Endoscopy

THOMAS D WANG (Int Med-Gastroenterology)

with DANIELLE KIM TURGEON
HENRY D APPELMAN
RICHARD S KWON

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

Microfluidics in Biomedical Sciences Training Program

SHUICHI TAKAYAMA (Biomedical Engineering)

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

Multi-Source Sparse Learning to Identify MCI and Predict Decline

JIEPING YE (Comp Med and Bioinformatics)

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

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

AMY S B BOHNERT (Psych Substance Abuse)

with FREDERIC C BLOW
JOHN D PIETTE
KAREN BELL FARRIS
MARK ANDREW ILGEN
MARY ROSE JANIEVIC
REBECCA CUNNINGHAM
SATINDER SINGH BAVEJA

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

Statistical and computational methods for rare variant association analysis

SHAWN LEE (Biostatistics Department)

with MICHAEL LEE BOEHNKE

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

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

JUN LI (Human Genetics Department)
SEBASTIAN K ZOELLNER (Human Genetics Department)

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

The contemporary endocrinology of congenital adrenal hyperplasia

RICHARD AUCHUS (Metabolism, Endo & Diabetes)

$775,107 06/01/2016 - 03/31/2021
MI-BP: mHealth to Improve Blood Pressure Control in Hypertensive African Americans
   LORRAINE R BUIS (Family Medicine)
   with ANANDA SEN
   CAROLINE R RICHARDSON
   DAVID W HUTTON
   ZORA DJURIC
   $2,970,128 06/01/2016 - 05/31/2020

Kinesin-2 Regulation of GLI Function in Hedgehog Signal Transduction
   BENJAMIN ALLEN (Cell and Developmental Biology)
   with KRISTEN J VERHEY
   $1,324,793 06/01/2016 - 02/29/2020

Perinatal Exposures, Tissue- and Cell-specific Epigenomics, & Lifecourse Outcomes
   DANA DOLINOY (Environmental Health Sciences)
   with BRISA N SANCHEZ
   JUSTIN ADAM COLACINO
   KAREN EILEEN PETERSON
   MAUREEN SARTOR
   VASANTHA PADMANABHAN
   $2,465,902 06/01/2016 - 04/30/2020

Testing the Calcium Hypothesis of Age-related Cognitive Decline
   GEOFFREY G MURPHY (Molecular & Behav Neurosc Inst)
   $2,050,100 05/15/2016 - 02/28/2021

PGD: A shape memory degradable polymer for transcatheter atrial septal defect closure
   MARTIN LINDSEY BOCKS (Biomedical Engineering)
   SCOTT J HOLLISTER (Biomedical Engineering)
   $426,250 05/05/2016 - 04/30/2018

Epigenetics of Arteriosclerosis in African American Hypertensive Sibships
   JENNIFER ANN SMITH (Epidemiology Department)
   with SHARON REILLY KARDIA
   $2,162,486 07/01/2016 - 04/30/2020

The Genetics of Primary Aldosteronism
   TOBIAS ELSE (Metabolism, Endo & Diabetes)
   with EDGAR ALFRED OTTO
   JOSE JALIFE
   WILLIAM RAINEY
   $1,937,500 07/01/2016 - 04/30/2021

Influence of Brain Inflammation on the Occurrence of Embolic Stroke
   SVETLANA STAMATOVIC (Pathology Department)
   with ANUSKA V ANDJELKOVIC-ZOCHOWSKA
   RICHARD F KEEP
   $420,750 05/15/2016 - 04/30/2018

Role of Cx43 signaling in cerebral cavernous malformation type-3 lesion
   ANUSKA V ANDJELKOVIC-ZOCHOWSKA (Pathology Department)
   with RICHARD F KEEP
   SVETLANA STAMATOVIC
   $413,362 05/15/2016 - 04/30/2018
Autophagy regulation of RSV-induced pulmonary disease
DAVID LOMBARD (Pathology Department)
NICHOLAS W LUKACS (Pathology Department)
with MARY X D O'RIORDAN
$1,680,978 07/01/2016 - 06/30/2020

HSCT-induced alterations in DCs to promote IL-17 and lung pathology
BETHANY B MOORE (Int Med-Pulm./Critical Care)
with GREGORY A YANIK
NICHOLAS W LUKACS
$1,939,400 07/01/2016 - 04/30/2020

Development of Mixed Function Opioid Peptides and Peptidomimetics - admin supplement
HENRY I MOSBERG (PHARMACY Medicinal Chemistry)
with EMILY M JUTKIEWICZ
$116,090 02/01/2016 - 01/31/2018

TLR2 and rhinovirus-induced asthma exacerbations
MARC B HERSHENSON (Pediatrics-Pulmonary Medicine)
with JOHN KELLEY BENTLEY
$1,550,000 07/01/2016 - 03/31/2020

Utilization of Engineered Skeletal Muscle Units to Repair Volumetric Muscle
LISA M LARKIN (Molec & Integrative Physiology)
$277,396 07/01/2015 - 05/31/2020

Assay Novel Compounds
JOHN R TRAYNOR (Pharmacology Department)
$75,000 04/07/2016 - 04/06/2017

Mechanisms of HLA-disease association: preliminary examination of the HLA cusp theory in myositis
JOSEPH HOLOSHITZ (Int Med-Rheumatology)
$37,536 05/16/2016 - 05/16/2017

Visualization of Combinatorial Epigenetic Marks and Complexes in Animals Using Fluorescence Complementation
TOM K W KERPPOLA (Biological Chemistry Dept)
$8,467 06/01/2014 - 05/31/2017

Hemophilia Foundation of Michigan
Region V East 2016-2017 Cascade Hemophilia Consortium Grant proposal for Patient Assistance
STEVEN W PIPE (Pediatrics-Hematology/Oncology)
$114,550 06/01/2016 - 05/31/2017

Herrick Foundation
Materials and Process Qualification for Cold Spray Additive Manufacturing
PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)
$100,000 05/01/2016 - 04/30/2017

Hoosier Cancer Research Network (HCRN)
Phase Ib and Phase II Studies of anti-PD-1 Antibody Pembrolizumab (MK-3475) in Combination with Bevacizumab for the Treatment of Metastatic Renal Cell Carcinoma: Big Ten Cancer Research Consortium BTCRC-GU14-003
AJJAI SHIVARAM ALVA (Int Med-Hematology/Oncology)
$16,719 11/13/2015 - 10/31/2018
Determining the role of AICDA in development of T790M mutation in lung cancer patient derived xenograft

KHALED HASSAN (Int Med-Hematology/Oncology)
$59,524 01/01/2016 - 12/31/2016

Hyundai Motor Company
Aerostructural Design of a Vehicle Spoiler via Optimization Under Uncertainty

JOAQUIM R R A MARTINS (Aerospace Engineering)
$139,994 05/01/2016 - 04/30/2018

Innovative Scientific Solution
TDLAS-based mass flow measurements in scramjet engine

MIRKO GAMBA (Aerospace Engineering)
$34,000 05/13/2016 - 02/15/2017

Insieme per la Ricerca - ONLUS
Modeling PCDH19-Associated Epilepsy with Patient-Derived Neurons and In Vivo Genome Editing

JACK M PARENT (Neurology Department)
$14,916 04/01/2016 - 03/31/2017

Intel Corporation
Intel Corporation Leadership Circle Membership with MTC

HUEI PENG (MI Mobility Transformation Ctr)
$666,666 01/01/2016 - 12/31/2017

International Association of Providers of AIDS Care (IAPAC)
HIV Center for Clinical and Behavioral Studies-Admin Supplement

K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)
$23,608 09/30/2015 - 01/31/2016

Jaeb Center for Health Research
Study of Adult Strabismus (SAS1)-A Prospective Observational Study of Adult Strabismus

MONTE A DELMONTE (Ophthalmology & Visual Science)
$9,804 04/13/2016 - 02/14/2018

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

DALE LEE BIXBY (Int Med-Hematology/Oncology)
$41,444 02/08/2013 - 10/31/2017

Jet Propulsion Laboratory
PIXL Program, Phase A-Supplement FY16, April 2016

DARREN SHAWN MCKAGUE (COE Climate & Space)
$20,000 02/01/2015 - 07/31/2016

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

GEORG A RAITHEL (LSA Physics)
$198,352 05/04/2016 - 05/01/2017
Johns Hopkins University
A Randomized Phase II Study Comparing Bipolar Androgen Therapy vs. Enzalutamide in Asymptomatic Men with Castration Resistant Metastatic Prostate Cancer: The TRANSFORMER Trial (Testosterone Revival Abolishes Negative Symptoms, Fosters Objective Response and Modulates Enzalutamide Resistance)
DAVID C SMITH (Int Med-Hematology/Oncology)
$131,567 01/01/2015 - 09/29/2017

Joslin Diabetes Center
Metabolic pathways of increased cardiovascular risk in type 2 diabetes
SUBRAMANIAM PENNATHUR (Int Med-Nephrology) with JAEMAN BYUN
$479,888 04/01/2016 - 02/29/2020

JPB Foundation
Women of Color and Family Obesity Management
RANDALL W BROWN (Hlth Behavior & Hlth Ed Dept) with KATHERINE W BAUER
$2,900,000 05/01/2016 - 04/30/2019

J P Morgan Chase Foundation
Law School Detroit Neighborhood Business Project clinic
MICHAEL S BARR (Law School Research Admin)

Justice, Department of
Juvenile Justice Data Resources Project-Supplement #2
JUKKA SAVOLAINEN (ICPSR-Archival Development)
$570,984 09/01/2016 - 08/31/2017

Juvenile Diabetes Research Foundation International (JDRF)
Nitric Oxide Releasing Cannula for Prolonged Subcutaneous Insulin Infusion
MARK E MEYERHOFF (LSA Chemistry) with ALVARO ROJAS PENA
$201,520 07/01/2016 - 06/30/2018

King Abdullah University of Science and Technology Saudi Arabia
High-Fidelity Combustion Model Development for Emissions Predictions
VENKATRAMANAN RAMAN (Aerospace Engineering)
$89,998 07/01/2016 - 06/30/2017
Leakey, L. S. B., Foundation
The development of male reproductive strategies in wild chimpanzees
  JOHN C MITANI  (LSA Anthropology)
  $5,272  06/01/2016 - 08/31/2017

Evolutionary consequence of adaptive genetic change among high-altitude Andeans
  ABIGAIL WINSLOW BIGHAM  (LSA Anthropology)
  $25,000  08/01/2016 - 07/31/2017

Franklin Mosher Baldwin Fellowship - Second Year
  ABIGAIL WINSLOW BIGHAM  (LSA Anthropology)
  $15,000  06/01/2016 - 05/31/2017

Leidos, Inc.
  YUE YING LAU  (Nuclear Eng & Radiological Sci)
  with PENG ZHANG
  $480,000  04/21/2016 - 03/31/2020

Light Age, Inc
SBIR Phase I: Advanced laser system for photoacoustic endomicroscopy
  XUEDING WANG  (Biomedical Engineering - MS)
  $100,000  04/12/2016 - 12/31/2016

Los Alamos National Security, LLC
Validation of Electron Beam Emission Mediated by a Plasma Contactor
  BRIAN E GILCHRIST  (COE EECS - ECE - Rad)
  $138,643  04/01/2016 - 09/30/2018

MedImmune, Inc.
Investigating CSC and TIL responses in IMT treated syngeneic mouse models.
  MAX S WICHA  (Int Med-Hematology/Oncology)
  with QIAO LI
  $1,056,975  05/26/2016 - 05/25/2019

Melanoma Research Alliance (MRA)
Targeting mitochondrial metabolism in melanoma therapy
  DAVID LOMBARD  (Pathology Department)
  NOURI NEAMATI  (Pathology Department)
  ROBERT T KENNEDY  (Pathology Department)
  with COSTAS ANDREAS LYSSIOTIS
  $900,000  05/15/2016 - 05/14/2019

Memorial Sloan-Kettering Cancer Center (MSKCC)
A phase II multicenter trial evaluating 3-year disease-free survival in locally advanced rectal cancer treated with chemoradiation + induction or consolidation chemotherapy, and total mesorectal excision or non-operative management.
  JOHN C KRAUSS  (Int Med-Hematology/Oncology)
  $10,000  02/01/2016 - 01/31/2017
Metro-Detroit Book and Author Society  
Young Authors' Festival 2016  
ELAINE M LOGAN (Dbn Mardigian Library)  
$1,000  08/01/2016 - 12/31/2016  

Michelin Americas Research and  
Sustainable Worldwide Transportation _ Michelin  
MICHAEL SIVAK (UMTRI-Human Factors)  
$50,000  07/15/2016 - 07/14/2017  

Michigan Humanities Council  
Oral Histories of Iranian-Americans in Michigan  
CAMRON M AMIN (Dbn CASL-Social Sciences)  
$24,830  07/15/2016 - 05/31/2017  

Michigan, State of, Education, Department of  
Wayne Schools Global Geography Project-Supplement  
KAREN ANTOINETTE THOMAS-BROWN (Dbn CEHHS Education-OPERATIONS)  
with LASHORAGE SHAFFER  
$6,200  07/01/2015 - 09/30/2016  

Michigan, State of, Health and Human Services, Department of  
Radon Abatement Project  
DAVID MENDEZ (Health Management and Policy)  
with RAFAEL MEZA  
$63,979  11/01/2015 - 09/30/2016  

Ryan White Part B  
JAMES RIDDELL IV (Int Med-Infectious Diseases)  
$60,000  03/01/2016 - 09/30/2016  

MOSAIC - Hospital Community Awareness  
ERIC ELSNER ADELMAN (Neurology Department)  
$2,000  03/01/2016 - 09/30/2016  

Multiparty Group for Advice on Science (MUGAS)  
Systematic Review of Randomized Pediatric Trials of Oseltamivir  
ARNOLD S MONTO (Epidemiology Department)  
RYAN MALOSH (Epidemiology Department)  
with EMILY TOTH MARTIN  
$33,848  04/27/2016 - 12/31/2016  

National Aeronautics and Space Administration

From Systematic Errors to Cosmology Using Large-Scale Structure

   DRAGAN HUTERER (LSA Physics)

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

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

   JAMES ARTHUR SLAVIN (COE Climate & Space)

   with BARTHOLOMEUS VAN DER HOLST
   GABOR TOTH
   JIM RAINES
   VALERIY M TENISHEV
   XIANZHE JIA

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

Generalized Trajectory Modeling and Prediction for Unmanned Aircraft Systems

   ELLA MARIE ATKINS (Aerospace Engineering)

   with ANOUCK RENEE GIRARD
   DIMITRA PANAGOU
   ILYA VLADIMIR KOLMANOVSKY
   KARTHIK DURAISAMY

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

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

   CHENG ZHOU (COE Climate & Space)

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

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

   KEREN SHARON (LSA Astronomy)

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

National Endowment for the Humanities

The Moment of Reckoning: Imagined Death in Early Christianity

   ELLEN MUEHLBERGER (LSA Near Eastern Studies)

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

National Motor Freight Traffic Association, Inc

NMFTA: Cybersecurity of J1939

   ANDRE WEIMERSKIRCH (UMTRI-Engineering Systems)

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

National Science Foundation

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

   MICHAEL BENNETT (Health Management and Policy)

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

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

   CHERIE REBECCA DOTSON (College of Pharmacy)
   RONALD W WOODARD (College of Pharmacy)

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

Collaborative Research: Chokepoints: A Comparative Global Ethnography

   JATIN DUA (LSA Anthropology)

   $19,578  06/01/2016 - 05/31/2018
CSR: NeTS: Medium: Collaborative Research: Enabling Flexible and High Performance Big Data Analytics Over Geo-Distributed Clouds

N M MOSHARAF KABIR CHOWDHURY (EECS - CSE - SSRL)
$400,000 06/01/2016 - 05/31/2020

Electron and Nuclear Spin Interactions in Low-Dimensional Semiconductors

VANESSA SIH (LSA Physics)
$528,103 06/15/2016 - 05/31/2019

Invariant Theory, Tensors and Applications

HARM DERKSEN (LSA Mathematics)
$285,000 07/01/2016 - 06/30/2019

Mechanical critical systems: fluctuations, topology and self-assembly

XIAOMING MAO (LSA Physics)
$285,000 05/15/2016 - 04/30/2019

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

CHRISTOPHER JAMES POULSEN (LSA Earth & Environmental Sci.)
$330,950 07/01/2016 - 06/30/2019


MING XU (Sch of Nat Resources & Environ)
with JEREMIAH JOHNSON
JOSH NEWELL
NANCY G LOVE
SHELIE MILLER
$499,990 06/01/2016 - 05/31/2020

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

JACQUELINE SIMONE MATTIS (SOE-CPEP)
$199,950 09/01/2016 - 08/31/2018

Entangled Photon Imaging and Microscopy for Chemical and Biological Investigations

THEODORE G GOODSON III (LSA Chemistry)
$480,000 06/01/2016 - 05/31/2019

New algorithms for consistent model selection beyond linear models

XUMING HE (LSA Statistics)
$300,000 09/01/2016 - 08/31/2019

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

RACHEL S GOLDMAN (Materials Science & Engin.)
$360,000 06/01/2016 - 05/31/2019

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

IAN U ROEDERER (LSA Astronomy)
$144,914 07/01/2016 - 06/30/2019
Characterizing the Coronal Origins of Slow Solar Wind Using Heavy Ion Composition and Spectroscopic Observations

   JIM RAINES (COE Climate & Space)  
   with ENRICO LANDI, LIANG ZHAO  
   $370,563 09/01/2016 - 08/31/2019

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

   ELISABETH GERBER (CPS-Research)  
   $124,181 05/01/2016 - 04/30/2017

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

   J ALEX HALDERMAN (EECS - CSE - SSRL)  
   $100,000 05/01/2016 - 04/30/2017

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

   MICHAEL FLYNN (COE EECS - ECE - SSEL)  
   $11,000 05/31/2016 - 08/31/2016

REU Supplement to EAGER: Model Driven Framework for Audio Forensics

   HAFIZ MALIK (Dbn Col of Eng-Electric & Comp)  
   $16,000 05/11/2016 - 06/30/2016

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

   BRIAN K ARBIC (LSA Earth & Environmental Sci.)  
   $8,640 06/01/2014 - 05/31/2018

New England Research Institute

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

   MARK WILLIAM RUSSELL (Pediatrics-Cardiology)  
   $1,259 07/01/2013 - 06/30/2015

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

   MARK WILLIAM RUSSELL (Pediatrics-Cardiology)  
   $30,144 07/01/2015 - 12/31/2016

North American Society for Sport Management (NASSM)

The effects of performance and moral actions on sports consumption behavior

   DAE HEE KWAK (School of Kinesiology)  
   $1,001 04/26/2016 - 06/30/2017

Novella Clinical, Inc

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

   DAVID C SMITH (Int Med-Hematology/Oncology)  
   $2,774 11/13/2015 - 11/30/2018

Oak Ridge National Laboratory

Accelerated AChE reactivator design by mechanistic neutron scattering studies

   TROY WAYNE WYMORE (LSA Chemistry)  
   $49,995 05/01/2016 - 04/30/2017
Osaka University

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

LOIS S WEISMAN (Life Sciences Institute-Admin)

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

Pfizer

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

KENT J JOHNSON (Pathology Department)

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

Pharmaceutical Research Associates

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

TEMENUZHKA MIHAYLOVA (Neurology Department)

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

PhRMA Foundation

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

MATTHEW L BOULTON (Epidemiology Department)

$55,000 07/01/2016 - 06/30/2018
PPD, Inc.
A randomized, open-label, controlled, multicenter study to compare the efficacy and safety of intravitreal ranibizumab with laser therapy in patients with retinopathy of prematurity
   CAGRI GIRAY BESIRLI (Ophthalmology & Visual Science)
   $202,965  04/14/2016 - 07/31/2018

A multinational, multi-center, masked, randomized, controlled study to assess the safety and efficacy of lucinactant for inhalation in preterm neonates 26 to 32 weeks gestational age with respiratory distress syndrome
   STEVEN M DONN (Pediatrics-Neonatal/Perinatal)
   $251,034  04/01/2016 - 02/28/2018

A Phase 2 Single Arm Study of Elotuzumab in Combination with Pomalidomide and Low Dose Dexamethasone (EPd) in Patients with Multiple Myeloma Relapsed or Refractory to Prior Treatment with Lenalidomide
   CRAIG E COLE (Int Med-Hematology/Oncology)
   $514,201  04/15/2016 - 04/30/2019

Oral Budesonide Suspension (OBS) in Adolescent and Adult Subjects (11 to 55 Years of Age, Inclusive) with Eosinophilic Esophagitis: A Phase 3 Randomized, Double-blind, Placebo-controlled Study
   JOEL HOWARD RUBENSTEIN (Int Med-Gastroenterology)
   $190,228  03/22/2016 - 03/17/2018

A Phase 3 Study to Evaluate the Safety and Efficacy of 99mTc-MIP-1404 SPECT/CT Imaging to Detect Clinically Significant Prostate Cancer in Men with Biopsy Proven Low-Grade Prostate Cancer who are Candidates for Active Surveillance (proSPECT-AS)
   MORAND RUEDIGER PIERT (Radiology-Nuclear Medicine)
   $66,812  05/10/2016 - 02/28/2017

A PHASE 3 MULTICENTER, RANDOMIZED, DOUBLE-BLIND, EXTENSION STUDY TO EVALUATE THE SAFETY OF DAILY ORAL DOSING OF TAFAMIDIS MEGLUMINE (PF-06291826) 20 MG OR 80 MG IN SUBJECTS DIAGNOSED WITH TRANSTHYRETIN CARDIOMYOPATHY (TTR-CM)
   SCOTT HUMMEL (Int Med-Cardiology)
   $135,968  05/26/2016 - 05/31/2023

PRA Health Sciences
A Long-Term Extension Study of Lesinurad in Combination with Allopurinol for Subjects Completing an Efficacy and Safety Study of Lesinurad and Allopurinol
   PUJA KHANNA (Int Med-Rheumatology)
   $9,738  02/01/2014 - 12/31/2017

Procter & Gamble Co.
Primary Caries Prevention of SnF2, NaMFP and NaF Dentifrices in a Microbial Artificial-Mouth Model.
   CARLOS GONZALEZ (DENTCariology,Restor Sci &Endo)
   with SUSAN E FLANNAGAN
   $80,000  05/01/2016 - 04/30/2018

ProTrials Research, Inc.
A Phase 1 Dose Escalation and Expansion Study of OMP-305B83 in Subjects with Solid Tumors
   DAVID C SMITH (Int Med-Hematology/Oncology)
   $807,984  03/12/2015 - 02/28/2020
Quintiles, Inc
A Phase 2, Multi-Center, Open-Label Induction Trial with Extension Period to Assess Endoscopic Improvement and Changes in Intestinal and Serum Biomarkers in Patients with Moderately to Severely Active Crohn’s Disease Receiving Oral RPC1063 as Induction Therapy

  PETER DOYLE HIGGINS  (Int Med-Gastroenterology)
  $189,517  05/12/2016 - 04/30/2018

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

  SAMYA Z NASR  (Pediatrics-Pulmonary Medicine)
  $1,680  01/30/2014 - 12/31/2016

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

  MARK CHIANG  (Int Med-Hematology/Oncology)
  $50,000  07/01/2016 - 06/30/2017

Raytheon Company
Ablation Modeling of Arc Jet Test Data

  IAIN D BOYD  (Aerospace Engineering)
  $30,000  07/01/2016 - 12/31/2016

RTI International
National Intimate Partner and Sexual Violence Survey (NISVS)

  ANDY PEYTCHEV  (SRC-Survey Methodology Prog)
  $129,052  10/15/2015 - 12/31/2016

SAIC Motor
SAIC Motor Affiliate Membership with MTC

  HUEI PENG  (MI Mobility Transformation Ctr)
  $100,000  01/01/2016 - 12/31/2017

Salvation Army
Department of Justice-Enhanced Collaborative Model to Combat Human Trafficking

  BRIDGETTE ANN CARR  (Law Clinical Activity)
  with SUELLYN SCARNECCHIA
  $30,000  10/01/2015 - 09/30/2018

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

  YOGESH B GIANCHANDANI  (COE EECS - ECE - WIMS - ERC)
  $6,000  09/01/2014 - 08/31/2015

Sarcoma Alliance for Research Through Collaboration (SARC)

  SCOTT M SCHUETZE  (Int Med-Hematology/Oncology)
  $2,550  04/20/2016 - 09/30/2017
Schaffler Group USA Inc.
Study of Seal Friction
WEI LU (Mechanical Engineering)
$28,846 05/16/2016 - 09/16/2016

Seattle Genetics, Inc
A phase 1 trial of SGN-CD33A in patients with CD33-positive acute myeloid leukemia
DALE LEE BIXBY (Int Med-Hematology/Oncology)
$651,464 03/03/2015 - 03/02/2020

Shell Oil Company
Shell Oil Company Affiliate Membership with MTC
HUEI PENG (MI Mobility TransformationCtr)
$150,000 01/01/2015 - 12/31/2017

Simons Foundation
Structured Homotopy Theory
IGOR KRIZ (LSA Mathematics)
$35,000 09/01/2016 - 08/31/2021

Sloan, Alfred P., Foundation
"Rising-Star" Workshop for Researchers in Computer-Supported Cooperative Work
STEPHANIE D TEASLEY (School of Information)
$20,000 04/01/2016 - 09/30/2016

Smithsonian Institution
X-raying Fornax
ELENA GALLO (LSA Astronomy)
$87,370 05/03/2016 - 05/02/2018

Society for Academic Emergency Medicine
Assessing the Pipeline into Emergency Medicine: A Model of Career Interest and Specialty Selection
REBECCA CUNNINGHAM (Emergency Medicine UM Adult)
$100,000 07/01/2016 - 06/30/2018

Space Telescope Institute (STScI)
Constraining Pop III supernova energies and the formation of the first low-mass stars with the iron-poor star
IAN U ROEDERER (LSA Astronomy)
$53,547 05/01/2016 - 04/30/2019

A Snapshot WFC3 IR Survey of Spitzer/Hershel-Identified Protostars in Nearby Molecular Clouds
LEE WILLIAM HARTMANN (LSA Astronomy)
$9,086 05/01/2016 - 04/30/2019

Multiwavelength Characterization of Candidate Black Holes in Nearby Dwarf Galaxies
ELENA GALLO (LSA Astronomy)
$19,045 05/01/2016 - 04/30/2019

Gravitational Lensing Magnification Maps for the Frontier Fields MACSJ0717+3745, MACSJ1149+2223, AbellS1063, and Abell370
KEREN SHARON (LSA Astronomy)
$75,000 05/15/2016 - 09/30/2017
St. Lucie County
The Economic Impact Analysis of Major League Baseball Spring Training for St. Lucie County, Florida

MARK STEVEN ROSENTRAUB (School of Kinesiology)
$42,500 05/16/2016 - 08/15/2016

Symantec Corp
Symantec IDS Evaluation for FCA Vehicle

ANDRE WEIMERSKIRCH (UMTRI-Engineering Systems)
$33,328 05/01/2016 - 06/30/2016

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

JOHN W WILEY (Int Med-Gastroenterology)
with SHUANGSONG HONG
$120,069 12/29/2015 - 09/30/2016

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

WILLIAM H FREY (Pop Studies-Research)
$45,000 03/18/2016 - 02/28/2017

The Icahn School of Medicine at Mount Sinai (ISMMS)
Ontology-based Cell Line Standardization, Integration, and LINCS applications

YONGQUN HE (Lab Animal Medicine Unit)
$130,000 05/01/2016 - 04/30/2017

The Nacey Maggoncalda Foundation
The development of male reproductive strategies in wild chimpanzees

JOHN C MITANI (LSA Anthropology)
$5,000 06/01/2016 - 08/31/2017

Transportation, Department of-Other-Subcontracts
Concrete Pavement Performance Center of Excellence (CPP - COE) University of Michigan

WILL HANSEN (Civil & Environmental Engr)
$48,943 10/01/2015 - 09/30/2016

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

KENDRIN SONNEVILLE (Nutritional Sciences)
$8,473 03/01/2016 - 02/28/2017

Tulane University
Reconstructing John Stuart Mill

DANIEL JACOBSON (LSA Philosophy)
$65,000 07/01/2016 - 08/31/2017
University of Alabama

ATN Coordinating Center

GARY W HARPER (Hlth Behavior & Hlth Ed Dept)
$40,731 03/01/2016 - 08/31/2016

University of Colorado Boulder

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

KARL MICHAEL KRUSHELNICK (Nuclear Eng & Radiological Sci)
with ALEXANDER GEORGE ROY THOMAS
ANATOLY M MAKSIMCHUK
$1,425,000 03/15/2016 - 03/14/2019

University of Louisville

Aneurysmal Subarachnoid Hemorrhage Trial Randomizing Heparin (ASTROH)

ADITYA S PANDEY (Neurosurgery)
$51,500 04/18/2016 - 02/28/2019

University of Massachusetts

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

BARRY JAY FISHMAN (School of Information)
$10,000 09/15/2015 - 08/31/2016

University of North Carolina at Chapel Hill

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

K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)
$7,199 03/31/2015 - 05/31/2016

University of Pennsylvania

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

DAPHNE C WATKINS (School of Social Work)
with JAMIE MITCHELL
$40,000 03/14/2016 - 12/16/2016

University of Southern California

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

JASON SPENCE (Int Med-Gastroenterology)
with CRISTINA CEBRIAN LIGERO
EDGAR ALFRED OTTO
MATTHIAS KRETZLER
RAJASREE MENON
$60,829 04/01/2016 - 03/31/2017
University of Texas Southwestern Medical Center
Acute Liver Failure Study Group 13C-Methacetin Breath Test for the Prediction of Outcome in Acute Liver Failure

ROBERT JOHN FONTANA (Int Med-Gastroenterology)
$53,375 02/19/2016 - 08/31/2016

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

ROBERT JOHN FONTANA (Int Med-Gastroenterology)
$18,000 09/01/2015 - 08/31/2020

University of Washington
Center for Enabling New Technologies Through Catalysis (CENTC)

LEVI THEODORE THOMPSON (Chemical Engineering Dept)
$42,891 08/01/2015 - 08/31/2016

USCAR Low-Emission Consortium
HUMOSIM Annual Membership Dues for Ford, GM, and FCA

MATTHEW PAUL REED (CoE Center for Ergonomics)
$150,000 05/01/2016 - 04/30/2017

Vanderbilt University
The MIND USA Study

ROBERT C HYZY (Int Med-Pulm./Critical Care)
$47,140 03/01/2016 - 04/29/2016

Various Sponsors
RECHARGE #1004 Michigan Publishing

JASON EVAN COLMAN (Library Publish - General)
$15,711 03/25/2016 - 03/24/2017

Healthy Minds Study 2017

DANIEL EISENBERG (Health Management and Policy)
$5,250 09/01/2016 - 08/31/2017

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

THOMAS FRANK (CoE Researcher Entrep Commerci)
$8,000 03/30/2016 - 05/31/2016
Veterans Affairs, Department of
IPA Agreement Wang, Jintao 01/01/2016-9/30/2016
    DANIEL T EITZMAN (Int Med-Cardiology)
    $52,125 01/01/2016 - 09/30/2016

Validation and Extension of the Michigan Barrett’s Esophagus pREdiction Tool (M-Beret)
    TRIVELLORE E RAGHUNATHAN (SRC-Survey Methodology Prog)
    $44,460 05/09/2016 - 05/08/2019

IPA Agreement_Jennifer Harley_FY16 -Modification
    DAVID J FINK (Neurology Department)
    $3,580 10/01/2015 - 09/15/2016

IPA Agreement_Xiankui Sun_FY16-Modification
    XIANKUI SUN (Neurology Department)
    $6,119 10/01/2015 - 09/15/2016

IPA for Eric Enache 16 h/wk
    PHILIP S SCHOENFELD (Int Med-Gastroenterology)
    $3,178 01/01/2016 - 09/30/2016

IPA Alvaro Rojas-Pena
    ALVARO ROJAS PENA (Transplant Surgery (STX))
    $2,514 04/01/2016 - 09/30/2016

IPA Robert Bartlett
    ROBERT HAWES BARTLETT (Transplant Surgery (STX))
    $3,012 04/01/2016 - 09/30/2016

VA IPA Suzanne Winter
    SANJAY K SAINT (Int Med-General Medicine)
    $12,107 04/01/2016 - 09/30/2016

VA IPA Laura Petersen
    SANJAY K SAINT (Int Med-General Medicine)
    $4,442 04/01/2016 - 09/30/2016

Virtual EM Inc
"Hardware Acceleration of CFD Codes using GPU Processors"
    IAIN D BOYD (Aerospace Engineering)
    $30,000 04/04/2016 - 10/03/2016

Wisconsin Electric
WE Energies 01/01/2016 - 12/31/2016
    LOUIS TZE-CHING YEN (Health Management Research Ctr)
    $50,000 01/01/2016 - 12/31/2016

Zendrive Inc
Driver Behavior Analytics
    JAMES R SAYER (UMTRI-Human Factors)
    $9,608 05/01/2016 - 08/31/2016
Use of Dravet Syndrome patient-derived induced pluripotent stem cell cortical neurons to test the effect of ZX-008 on neuronal excitability

LORI L ISOM (Pharmacology Department)

with JACK M PARENT
LUI S FELIX LOPEZ-SANTIAGO
YUKUN YUAN

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