The awards detailed in this list were established July 1, 2015 through November 30, 2015. The dollar values depict the best available estimate of the funding the University should receive over the life of the award. These values may be modified as additional data become available relative to future funding prospects. These modifications are not reported in the attached list. As a result, the dollar values of awards presented in this list will differ from the year-end totals. The full amount of an award is recorded in the year in which it was established. Often these funds are expended over several years, making comparisons between awards and expenditures somewhat misleading. Research expenditures are presented here to provide a trend line for the current fiscal year.

<table>
<thead>
<tr>
<th>Total Awards Processed (November)</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>FY 2015</td>
<td>219</td>
<td>226</td>
<td>3.2%</td>
<td>$49,395,048</td>
<td>$46,310,844</td>
<td>-6.2%</td>
</tr>
<tr>
<td>FY 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Awards</td>
<td>117</td>
<td>131</td>
<td>12.0%</td>
<td>$36,021,089</td>
<td>$34,349,378</td>
<td>-4.6%</td>
</tr>
<tr>
<td>Research Training</td>
<td>7</td>
<td>10</td>
<td>42.9%</td>
<td>$787,712</td>
<td>$2,501,205</td>
<td>217.5%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>95</td>
<td>85</td>
<td>-10.5%</td>
<td>$12,586,247</td>
<td>$9,460,261</td>
<td>-24.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Awards Processed Fiscal Year to Date</th>
<th>Total Awards Processed</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>Fiscal Year to Date</td>
<td>1,534</td>
<td>1,595</td>
<td>4.0%</td>
<td>$648,045,969</td>
<td>$676,351,585</td>
<td>4.4%</td>
<td></td>
</tr>
<tr>
<td>Research Awards</td>
<td>906</td>
<td>961</td>
<td>6.1%</td>
<td>$487,565,528</td>
<td>$568,089,690</td>
<td>16.5%</td>
<td></td>
</tr>
<tr>
<td>Research Training</td>
<td>72</td>
<td>84</td>
<td>16.7%</td>
<td>$15,767,663</td>
<td>$37,415,500</td>
<td>137.3%</td>
<td></td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>556</td>
<td>550</td>
<td>-1.1%</td>
<td>$144,712,778</td>
<td>$70,846,395</td>
<td>-51.0%</td>
<td></td>
</tr>
</tbody>
</table>

November 2015 saw a slight increase in the number of awards as compared to November 2014 in the categories of research and training. Notably, the large training award of $2 million for the School of Natural Resources accounted for a substantial increase in research training dollars for the month. Despite the increase in number of research awards for the month as compared to November 2014, total research awards dollars saw a decrease. This was due nearly entirely to a shift of research award amounts ranging from $400,000 to $600,000 dropping to lower amounts as compared to November 2014. Year-to-date awards and amounts continue to show increases over the same period in 2014.
* November 2015 expenditures not yet closed at this time, December 4, 2015.
AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

November 01, 2015 through November 30, 2015

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

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Award Title</th>
<th>Principal Investigator(s)</th>
<th>Estimated Amount</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M</td>
<td>Patient Treatment Acceptance Based on a 3D Image Analysis of Dentition</td>
<td>DENNIS J FASBINDER (DENTCariology, Restor Sci &amp; Endo)</td>
<td>$52,000</td>
<td>09/01/2015</td>
<td>08/31/2016</td>
</tr>
<tr>
<td>AbbVie</td>
<td>Modernization of in vivo-in vitro Oral Bioperformance Prediction and Assessment: Development of an improved in vitro methodology to simulate the simultaneous dissolution and absorption of drugs</td>
<td>GREGORY E AMIDON (PHARMACY Pharmaceutical Sci)</td>
<td>$254,949</td>
<td>11/01/2015</td>
<td>10/31/2018</td>
</tr>
<tr>
<td>AFOSR</td>
<td>Turbulent JP-8 Flames: Concentration and Temperature Profiles to Assess a Chemistry Mechanism</td>
<td>JAMES F DRISCOLL (Aerospace Engineering)</td>
<td>$800,000</td>
<td>11/15/2015</td>
<td>11/14/2019</td>
</tr>
<tr>
<td>ALMMII</td>
<td>TMP-3a: Integration of ICME with Legacy and Novel TMP Processing for Assured Properties in Large Titanium Structures</td>
<td>JOHN EDMOND ALLISON (Materials Science &amp; Engin.)</td>
<td>$515,600</td>
<td>10/08/2015</td>
<td>03/31/2018</td>
</tr>
<tr>
<td>Alzheimer’s Association, Alzheimer’s Research UK, Michael J. Fox Foundation, Weston Brain Institute</td>
<td>Cross-disease brain image modeling</td>
<td>YUANFANG GUAN (Comp Med and Bioinformatics)</td>
<td>$150,000</td>
<td>11/01/2015</td>
<td>10/31/2017</td>
</tr>
<tr>
<td>AMEC</td>
<td>Atmospheric Dry Deposition Monitoring</td>
<td>PAUL E DREVNICK (Sch of Nat Resources &amp; Environ)</td>
<td>$5,340</td>
<td>01/31/2015</td>
<td>01/08/2016</td>
</tr>
<tr>
<td>American Academy of Hospice and Palliative Medicine</td>
<td>Y.C. Ho/Helen and Michael Chiang Foundation Fellowship Grant Program 2015-2016</td>
<td>MARCOS L MONTAGNINI (IntMed-Geri &amp; Palliative Med.)</td>
<td>$40,000</td>
<td>07/01/2016</td>
<td>06/30/2017</td>
</tr>
</tbody>
</table>
American Cancer Society
A role for Protein Phosphatase 2A in the proliferation-quiescence decision
LAURA BUTTITTA (LSA Molec./Cell./Develop. Bio)
$680,000 01/01/2016 - 12/31/2019

American Diabetes Association
The identification of transcriptomic and lipidomic signatures of neuropathy in a murine model of prediabetes
EVA L FELDMAN (Neurology Department)
$55,432 01/01/2016 - 12/31/2018

American Heart Association
Childhood predictors of disinhibited eating during pre-adolescence
KENDRIN SONNEVILLE (Nutritional Sciences)
with ALISON LESLIE MILLER
$214,500 07/01/2015 - 06/30/2018

Amgen, Inc
Sclerostin Antibody Releasing Scaffolds
PETER X MA (DENT Bio & Materials Science)
$6,200 05/25/2014 - 05/24/2016

Amway Corporation
Plasma metabolomics and lipidomics of exceptionally healthy adults
RAYMOND L YUNG (IntMed-Geri & Palliative Med.)
$308,261 12/01/2015 - 06/30/2017

Ann Arbor VA IPA
IPA agreement Cheryl Nowak 10/01/2015 - 09/30/2016
CLaire Sibylle Duvernoy (Int Med-Cardiology)
$65,940 10/01/2015 - 09/30/2016

IPA Maureen Walton
MAUREEN A WALTON (Psych Substance Abuse)
$19,984 10/01/2015 - 09/30/2016

IPA Modification Sierra Sharpe
MARCIA ANN VALENSTEIN (Psych Vamc)
$2,376 10/01/2015 - 09/30/2016

Arbor Research Collaborative for Health
Continuation of the NephCure Kidney Network
DEBBIE GIPSON (Pediatrics-Nephrology)
$18,200 08/11/2015 - 08/10/2018

Arizona State University
Family Migration Context and Early Life Outcomes
DIRGHA JIBI GHIMIRE (Pop Studies-Research)
$1,011,959 07/31/2015 - 06/30/2020
Battelle Memorial Institute

FMVSS 201? (Engineering Assessment of Current and Future Vehicle Technologies with respect to FMVSS 201 - Occupant Protection in Interior Impact)

KATHLEEN DESANTIS KLINICH (UMTRI-Biosciences)
$60,000 10/13/2015 - 07/23/2016

Bayer HealthCare Pharmaceuticals Inc.,

Hussain - Bayer Steering Committee

MAHA HUSSAIN (Int Med-Hematology/Oncology)
$50,000 09/25/2015 - 07/30/2022

Biotronik, Inc.

Biotronik Cardiology Fellow travel funds

PETER HAGAN (Int Med-Cardiology)
$3,830 11/01/2015 - 11/30/2015

Blue Cross Blue Shield of Michigan Foundation

Longitudinal Analysis of Emotional and Psychosocial Functioning in Patients Undergoing Blood and Marrow Transplant

KRISTEN LOEHER VOTRUBA (Psychiatry-Neuropsychology)
with DANIEL COURIEL
$95,792 10/29/2015 - 10/28/2017

BorgWarner, Inc.

Automotive Analysis Affiliates Program_Borg Warner

BRUCE M BELZOWSKI (Automotive Futures)
$7,500 11/01/2015 - 11/01/2016

Boston Scientific

S-ICD Training

FRANK PELOSI JR (Int Med-Cardiology)
$969 03/28/2015 - 03/29/2015

Bureau Veritas

Development of Engineering Critical Assessment Procedure (ECA) for Mooring Components and Chains

PINGSHA DONG (Naval Arch & Marine Dept)
with SHAOPIN SONG
$249,000 11/13/2015 - 11/12/2017

Carnegie Institution of Washington

Fast Imaging Plasma Spectrometer (FIPS) in Support of the Energetic Particle and Plasma Spectrometer (EPS) Investigation for the MESSENGER Mission to Mercury: Phase E Slavin Extended Mission FY16

JAMES ARTHUR SLAVIN (COE Climate & Space)
$54,472 10/01/2015 - 05/31/2016

Case Western Reserve

Mechanisms of APOL1-mediated kidney disease

MATTHIAS KRETZLER (Int Med-Nephrology)
with CELINE CHANTAL BERTHIER
$47,985 09/21/2015 - 06/30/2016
Residual Beta Cell Function in Patients with Long Term Type 1 Diabetes

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)
$19,399 09/01/2015 - 08/31/2016

Cayman Chemical Company

Novel series of small molecular EP4 receptor agonists for promotion of bone growth (MCRN Match)

KENNETH MICHAEL KOZLOFF (Orthopaedic Surgery)
$40,000 11/01/2015 - 10/31/2016

Center for Economic Policy Research

PEDL Exploratory Grants Scale-Up Proposal

ACHYUTA RASENDRA ADHVARYU (ROSS SCH Research Support)
$61,808 10/01/2015 - 09/30/2016

ChemXlerate

Quality Testing of Organic Solvents - Equipment Supplement

ANTEK G WONG-FOY (LSA Chemistry)
$40,000 08/01/2014 - 07/31/2016

Cherry Marketing Institute

Postprandial Effects of Tart Cherry on Serum Metabolomics, Inflammation, and Oxidative Stress

MITCHELL SEYMOUR (Cardiac Surgery)
with STEVEN F BOLLING
$49,367 10/01/2015 - 09/30/2016

The Inhibitory Potential of Montmorency Tart Cherry Fruits on Glycemia-Regulating Enzymes Linked to Hypertension

STEVEN F BOLLING (Cardiac Surgery)
$47,600 10/01/2015 - 09/30/2016

China FAW

Development of Smart Micro-Structure Lightweight Technology

ZHENG-DONG MA (Mechanical Engineering)
$291,000 10/14/2015 - 12/30/2017

Isogeometrical and Nonlinear-Substructural Analysis Technologies for Chassis Components

ZHENG-DONG MA (Mechanical Engineering)
$264,000 11/03/2015 - 12/31/2017

Study on Hybrid Analysis Technology for Middle and Low Frequency Tyre Characteristics

GREGORY M HULBERT (Mechanical Engineering)
$114,000 11/03/2015 - 12/31/2017

China FAW Group

The research of advanced safety technology base on vehicle interconnection

SHAN BAO (UMTRI-Human Factors)
with DAVID J LEBLANC
HENRY LIU
JAMES R SAYER
$250,000 10/15/2015 - 11/30/2016
Community Mental Health Partnership of Southeast Michigan
Washtenaw County Substance Abuse Prevention Program FY16
ALFREDA RENAE ROOKS (UMH RAHS Ypsi Middle School)
$43,680 10/01/2015 - 09/30/2016

County of Washtenaw
Senior Nutrition Program Washtenaw County - TSWP 15-16
DARLENE KNAPP RACZ (UMH Turner Sr Wellness Program)
$7,500 10/01/2015 - 09/30/2016

CRDF Global
Afghanistan Biosciences Fellowship Program - Supplemental Funding
MATTHEW L BOULTON (Epidemiology Department)
$7,200 08/23/2015 - 12/11/2015

Creare
Plasma actuator testing for shock train control?
MIRKO GAMBA (Aerospace Engineering)
$13,000 11/15/2015 - 03/04/2016

Cystic Fibrosis Foundation
Cystic Fibrosis Center Grant 2015-2016
RICHARD H SIMON (Int Med-Pulm./Critical Care)
$20,410 07/01/2015 - 06/30/2016

David and Lucile Packard Foundation
The David and Lucile Packard Foundation Fellowship
BHARGAV BHATT (LSA Mathematics)
$875,000 11/05/2015 - 10/31/2020

Delta Dental Foundation
The role of Ellis-van creveld 2 (EVC2) in mice during cranial bone development
YUJI MISHINA (DENT Bio & Materials Science)
$2,594 07/01/2015 - 06/02/2016

Comparison of two subsets of neural crest cells that may contribute to different patterns of craniosynostosis.
YUJI MISHINA (DENT Bio & Materials Science)
$2,700 07/01/2015 - 05/31/2016

Denso International America
Automotive Analysis Affiliates Program_Denso
BRUCE M BELZOWSKI (Automotive Futures)
$7,500 12/01/2015 - 11/30/2016

Department of the Interior
An Algorithm for Cellular Reprogramming
INDIKA RAJAPAKSE (Comp Med and Bioinformatics)
$552,591 11/16/2015 - 05/15/2016
Department of Veterans Affairs

Achieves IPA for Jim Lepkowski

JAMES M LEPKOWSKI (SRC-Survey Methodology Prog)
$1,550 11/15/2015 - 09/30/2017

Achieves IPA for Brady West

BRADY THOMAS WEST (SRC-Survey Methodology Prog)
$8,200 11/15/2015 - 09/30/2017

VA IPA - Satinder Singh Baveja FY2016 - AI CBT Project

SATINDER SINGH BAVEJA (EECS - CSE - AI/IS)
$7,488 10/01/2015 - 09/30/2016

Doris Duke Charitable Foundation

University of Michigan Doris Duke Conservation Scholars Program Proposal

DORCETA E TAYLOR (Sch of Nat Resources & Environ)
with MICHAELA T ZINT
$2,000,000 10/01/2015 - 09/30/2019

DSO National Laboratories

Tunable Tensor Metasurfaces

ANTHONY GRBIC (COE EECS - ECE - Rad)
$200,000 11/30/2015 - 11/30/2017

Duke

PBPK-R01: Pharmacokinetics of Clindamycin and Trimethoprim-Sulfamethoxazole in Infants and Children

VARSHA MEHTA (PHARMACY Clin, Soc & Admin Sci)
with KEVIN KUO
$42,000 11/04/2015 - 08/31/2017

Duke University

Assessment of Migraine (and Other Headache Types) in Otolaryngology

STEVEN A TELIAN (Oto - Otology-Neurotology)
$5,240 11/20/2015 - 11/30/2016

Earlham College

Javanese Sung Poetry in Translation

NANCY K FLORIDA (LSA Asian Languages & Cultures)
$78,475 01/01/2016 - 06/30/2016

East China University of Science and Technology (People's Republic of China)

Inhibition mechanism of NLRP3 inflammasome by Edwardsiella tarda T6SS effector EvpP

GABRIEL NUNEZ (Pathology Department)
$300,000 09/15/2015 - 09/14/2018

Eastern Michigan University

Wayne County U.S. History & Geography Project: Building Competence in U.S. History Through the Use of Geographic Information Systems

GAIL ROSE LUERA (Dbn CEHHS Education-OPERATIONS)
$19,875 07/01/2015 - 09/30/2016
ECOG-ACRIN Medical Research Foundation, Inc.
ECOG-ACRIN NCORP Research Base
   RUTH C CARLOS (Department of Radiology)
   $10,001  08/01/2015 - 07/31/2016

Electricite De France (EDF)
Effect of Irradiation on the Corrosion of Austenitic Stainless Steel
   GARY S WAS (Nuclear Eng & Radiological Sci)
   $300,000  07/01/2015 - 06/30/2018

Elsevier Science B. V.
Archives of Oral Biology (Editorship) CY15-17
   GRAHAM REX HOLLAND (DENTCariology, Restor Sci &Endo)
   $121,757  01/01/2015 - 12/31/2017

Emory University
Structural Studies of Ribosome Regulation
   GEORGIOS SKINIOTIS (Life Sciences Institute-Admin)
   $364,020  09/01/2015 - 05/31/2019

Focused Ultrasound Foundation
Transcranial histotripsy for Treatment of Brain Tumor
   CHARLES A CAIN (Biomedical Engineering)
   with ADITYA S PANDEY
   SANDRA I CAMELO-PIRAGUA
   TIMOTHY LEWIS HALL
   ZHEN XU

Franklin W. Olin College of Engineering
Olin: Self-Efficacy and Project Based Learning Increase
   CYNTHIA J FINELLI (CoE CRLT-Engin)
   $23,152  10/01/2014 - 09/30/2015

Freescale Semiconductor, Inc.
Freescale Affiliate Membership with MTC
   PETER FRANK SWEATMAN (MI Mobility Transformation Ctr)
   $25,000  01/01/2015 - 12/31/2017

Gates Foundation
Ultrasound Strain and Time-of-Flight for Diagnosing Pneumonia and Assessing Nutritional Status in Children
   JONATHAN M RUBIN (Department of Radiology)
   $100,000  11/01/2015 - 04/30/2017

General Electric Co
Benchmarks for Cortical Processing Modules
   WEI LU (COE EECS - ECE - SSEL)
   $40,018  08/18/2015 - 05/31/2016
George Lucas Educational Foundation (GLEF)

Interdisciplinary PBL Grade 1 Planning Grant

    NELL KRISTINE DUKE (SOE-Educational Studies)

    $159,287  11/01/2015 - 05/31/2016

Georgia Health Sciences University

AMDC Summer Students: Training Program in Endocrinology and Metabolism

    RICHARD AUCHUS (Metabolism, Endo & Diabetes)

    $24,488  06/01/2015 - 10/31/2015

Gilead


    K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)

    $129,467  09/15/2015 - 08/31/2016

Given Imaging, Ltd

MA-501 Clinical Management with SmartPill Motility Monitoring System and Validation of the SmartPill Five Hour Cutoff in Patients with Symptoms of Gastroparesis

    WILLIAM LEE HASLER (Int Med-Gastroenterology)

    $14,250  05/06/2014 - 02/28/2017

Harvard

Mechanisms Specific to the Beneficial Effects of Dietary Restriction

    ANA RODRIGUES GRANT (CCMB-Initiatives)

    $21,148  06/01/2015 - 05/31/2016

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

Development of a Biomedical Treatment Approach for Craniosynostosis

    NAN E HATCH (DENT Orthodontics)

    $426,250  12/01/2015 - 11/30/2017

Investigation and Modulation of the Central Mu-Opioid Mechanism in Migraine (in vivo)

    ALEXANDRE F M DASILVA (DENT Prosthodontics)

    with EMILY LIGHT BELLILE

    JON K ZUBIETA

    ROBERT A KOEPPE

    $1,819,035  09/30/2015 - 08/31/2020

Hoosier Cancer Research Network, Inc., as administrative headquarters for the Big Ten Cancer Research

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)

    $60,578  11/13/2015 - 10/31/2018

Inc Research

Double-Blind, Randomized, Multicenter Study of Higher Versus Standard Adalimumab Dosing Regimens for Induction and Maintenance Therapy in Subjects with Moderately to Severely Active Ulcerative Colitis

    PETER DOYLE HIGGINS (Int Med-Gastroenterology)

    $85,247  09/01/2014 - 08/31/2017
Innovations for Poverty Action (IPA)
Finance and Networks: Experiments in China
   JING CAI (LSA Economics)
   $123,801   12/01/2014 - 11/30/2017

Innovative Wellness Solutions
Innovative Wellness Solutions HRA 11-01-2015 - 10-31-2018
   LOUIS TZE-CHING YEN (Health Management Research Ctr)
   $30,000   11/01/2015 - 10/31/2018

Institute for Student Achievement
ISA Instructional Coaching Meetings
   ELIZABETH B MOJE (SOE - CEDER)
   $2,000   09/01/2015 - 06/30/2016

Johns Hopkins University
Aurora US: Retrospective Tissue Collection
   CATHERINE H VAN POZNAK (Int Med-Hematology/Oncology)
   $10,000   09/08/2015 - 09/07/2016

Mixed Methods Research Training Program
   MICHAEL D FETTERS (Family Medicine)
   $39,333   10/01/2015 - 08/31/2016

Breast Cancer Research Consortium - IRB Supplement
   CATHERINE H VAN POZNAK (Int Med-Hematology/Oncology)
   $1,200   07/01/2014 - 06/30/2016

Kaiser Permanente
Treatment of Lower Urinary Tract Symptoms and Risk of Prostate Cancer Mortality: Kaiser Permanente Multi-Region Study
   LAUREN PATRICIA WALLNER (Int Med-General Medicine)
   $11,494   09/01/2015 - 12/31/2015

Karmanos
Phase II study of MK-3475 as Maintenance Therapy in Extensive Stage Small Cell Lung Cancer (SCLC) Patients
   GREGORY KALEMKERIAN (Int Med-Hematology/Oncology)
   $60,000   10/29/2015 - 02/28/2017

Kauffman Foundation
Androgynous Names: Good for Women-Owned Businesses?
   AMY T NGUYEN-CHYUNG (ROSS SCH Research Support)
   $4,000   10/26/2015 - 11/30/2016

Kettering University
Understanding and Measuring Knowledge Construction in Engineers Returning to School for a Master's Degree
   SHANNA DALY (CoE CRLT-Engin)
   $69,972   09/01/2015 - 08/31/2018
### Novel Devices to Capture Circulating Tumor Cells

**DANIEL F HAYES**  (Int Med-Hematology/Oncology)  
with **DAFYDD G THOMAS**  
**SUNITHA NAGRATH**  
$211,067  09/24/2015 - 09/23/2016

### Kresge Foundation

**School and Air Toxics Risk: Building Michigan School Siting Policy**

**PAUL MOHAI**  (Sch of Nat Resources & Environ)  
$196,557  07/01/2011 - 08/31/2016

### Lawrence Berkeley National Laboratory

**Increasing Grid Resilience Through Data-Driven Modeling for Storm Outage Prediction and Long-Term Planning**

**SETH DAVID GUIKEMA**  (Industrial & Operations Engin)  
$64,752  11/12/2015 - 12/30/2016

### Lippo Group Co. Ltd.


**JUN NI**  (CoE Ind/Univ Coop Research Ctr)  
$40,000  09/01/2014 - 08/31/2015

### Long Island University

**Understanding Interventions Index - continuation funds**

**ANGELA EBREO**  (Ctr for Inst Diversity)  
$46,398  08/01/2015 - 07/31/2016

### Lycera Corporation

**A study to define the sensitivity and responsiveness of circulating T cells in subjects with inflammatory bowel disease (IBD), specifically Crohn’s disease (CD) and ulcerative colitis (UC), to an anti-inflammatory F1FO ATPase inhibitor.**

**PETER DOYLE HIGGINS**  (Int Med-Gastroenterology)  
$50,160  02/01/2013 - 06/30/2016

### Massachusetts Eye & Ear Infirm

**Risk of malignancy in ocular inflammation patients treated with anti-TNF-alpha therapies**

**JOSHUA D STEIN**  (Ophthalmology & Visual Science)  
$20,000  08/01/2015 - 07/31/2016

### Mathematical Sciences Research Institute

**Maize and Blue Math Circle (Year 2)**

**YUNUS ERGIN ZEYTUNCU**  (Dbn CASL-Math & Statistics)  
$1,500  09/01/2015 - 05/31/2016

### Mayo Clinic

**LIPS-A: Lung Injury Prevention Study with Aspirin**

**PAULINE K PARK**  (GSA - Acute Care Surgery (ACS))  
$1,870  09/01/2013 - 02/29/2016
Medtronic
*A Clinical Evaluation of the Medtronic Resolute Onyx Zotarolimus-Eluting 2.0 mm Stent System.*

STANLEY J CHETCUTI  (Int Med-Cardiology)
$52,432  11/10/2015 - 10/31/2019

Merck
*Merck Lectureship Series 2015*

CORINNA SCHINDLER  (LSA Chemistry)
$7,000  10/05/2015 - 11/30/2015

Metabolic Solutions Development
*Effects of KXN-5514 on brown adipogenesis*

ORMOND A MACDOUGALD  (Molec & Integrative Physiology)
$18,600  10/02/2015 - 05/24/2016

Michigan Council for Arts and Cultural Affairs
*Flint Youth Film Festival Proposal*

DONNA L ULLRICH  (Flint Comm and Visual Arts)
$18,000  10/01/2015 - 09/30/2016

Michigan, State of
*Child Welfare Analytics*

BRIAN E PERRON  (School of Social Work)
with JOSEPH P RYAN
$234,972  10/19/2015 - 10/19/2018

Michigan State Police (MSP), Grants and Community Services Division (MSP/GCSD)
*Campus Sexual Assault Grant Program (CSAGP) for FY16*

SIMONE HIMBEAULT TAYLOR  (Sexual Assault Prev and Aware)
$20,003  11/09/2015 - 08/31/2016

Michigan Tech University
*Improved Biocompatibility and Biodegradation of Zn-based Stent Materials through Surface Nano-engineering*

MARTIN LINDSEY BOCKS  (Pediatrics-Cardiology)
$7,500  04/01/2015 - 01/31/2016

Milstein Medical Asian American Partnership Foundation
*Characterization of Age-associated Matrisome in Human Skin*

GARY J FISHER  (Dermatology Department)
$85,000  06/01/2015 - 05/31/2016

Missile Defense Agency
*Narrow-Band Infrared Spectral Filtering via Silicon Sub-Wavelength Dielectric Gratings*

JAMIE DEAN PHILLIPS  (COE EECS - ECE - SSEL)
$168,955  09/01/2015 - 08/31/2018

Mount Sinai Medical Center, The
*Developing Novel PepT1-Targeted Modulators for Inflammatory Bowel Disease (IBD) Therapy*

DAVID ERIC SMITH  (PHARMACY Pharmaceutical Sci)
$60,933  09/15/2015 - 09/14/2016
Multiple Sponsors - Final sites TBD

Legacy Corps Evaluation 2015-2016-Nonfederal

KAREN HARLOW-ROSENTRAUB (School of Social Work)

$15,762 09/01/2015 - 08/31/2016

Nanoflex Power Corporation

Low-Cost and High-Efficiency Thin-Film GaAs Solar Cells for Building Integrated and Building Applied Photovoltaics

STEPHEN R FORREST (COE EECS - ECE - SSEL)

$10,000 08/01/2015 - 07/31/2016

NASA

Ionization Processes in Young Stellar Objects: Effects on Circumstellar Disks and Planet Formation

FRED C ADAMS (LSA Physics)

$175,798 01/01/2016 - 12/31/2018

The Evolution of the Volatile Inventory in Gas-Rich Planet-Forming Disks

EDWIN ANTHONY BERGIN (LSA Astronomy)

$389,610 01/01/2016 - 12/31/2018

Initial Distributions of Angular Momenta and Magnetic Flux for Protoplanetary Disks

LEE WILLIAM HARTMANN (LSA Astronomy)

$254,576 01/01/2016 - 12/31/2018

Miniaturized Phonon Trap Timing Units for PNT of Cubesats

MINA RAIESZADEH (COE EECS - ECE - SSEL)

$97,213 10/01/2015 - 09/30/2016

Augmentation to GeoMACH: Geometry for MDAO of Aircraft Configurations with High Fidelity: High-Fidelity Aeroservoelastic Optimization of Highly Flexible Wings

JOAQUIM R R A MARTINS (Aerospace Engineering)

$140,792 06/02/2011 - 05/31/2016

Augmentation: Flexible Aircraft Simulation and Control (FLASC)

CARLOS E CESNIK (Aerospace Engineering)

$25,412 06/02/2011 - 05/31/2016

NASA Langley

On the use of spectral observations and derived products in CERES EBAF data productions

XIANGLEI HUANG (COE Climate & Space)

$363,142 01/01/2016 - 12/31/2018

National Collegiate Inventors & Innovators Alliance (VentureWell)

I-Corps Instruction Services Fall 2015 - J.Fay

THOMAS FRANK (CoE Researcher Entrep Commerci)

$22,800 09/01/2015 - 12/31/2015

I-Corps Instruction Services Fall 2015 - L.Sheridan

THOMAS FRANK (CoE Researcher Entrep Commerci)

$8,000 09/01/2015 - 12/31/2015
Enhanced Recovery Protocols and the Cost and Quality of Inpatient Surgery
SCOTT E REGENBOGEN (GSA - Colorectal Surgery (COL))
$640,945 09/01/2015 - 04/30/2020

Targeting Inflammation and BMP Signaling in Osteoprogenitor Cells of Heterotopic Ossification
STEWART C WANG (GSA - Acute Care Surgery (ACS))
$122,032 08/10/2015 - 08/09/2017

Engineered Microenvironments to Study Heterogeneity and Stemness in Breast Cancer
EUISIK YOON (COE EECS - ECE - SSEL)
with SEAN P MCDERMOTT
$353,811 12/01/2015 - 11/30/2017

National Institutes of Health (NIDCD)
Sixth International Brain-Computer Interface (BCI) Meeting
JANE ELIZABETH HUGGINS (Physical Medicine & Rehab Dept)
$39,664 12/01/2015 - 11/30/2016

National Science Foundation
Collaborative Research: Inner-Magnetosphere Array for Geospace Science
MARK MOLDWIN (COE Climate & Space)
$412,566 12/01/2015 - 11/30/2018

THOMAS H ZURBUCHEN (CoE Researcher Entrep Commerci)
$15,000 07/01/2015 - 06/30/2016

Conference in Mathematical General Relativity
LYDIA ROSINA BIERI (LSA Mathematics)
$25,000 12/01/2015 - 11/30/2016

Fluid Volume Responsiveness Monitor to Support the Care of Septic Patients
GRANT HENRI KRUGER (Mechanical Engineering)
with BRADLEY PLUMMER
$50,000 10/15/2015 - 03/31/2016

NIA
?Development of a Variable Autonomy sUAS for NAS Integration?
ELLA MARIE ATKINS (Aerospace Engineering)
$20,000 07/01/2015 - 02/29/2016
NIH

The Truly Healthy Bladder: Understanding Normal As A Pathway To Prevention Of Lower Urinary Tract Symptoms In Women

JANIS MIRIAM MILLER (SON-Grants)
with CAROLYN M SAMPSELLE
DEE E FENNER
JAMES A ASHTON-MILLER
LAWRENCE C AN
LISA KANE LOW
SIOBAN D HARLOW
$1,413,896 08/20/2015 - 06/30/2020

Advancing Quantification of Diffusion MRI for Oncologic Imaging

BRIAN DALE ROSS (Department of Radiology)
CRAIG J GALBAN (Department of Radiology)
THOMAS L CHENEVERT (Department of Radiology)
with DANIEL F HAYES
DARIYA MALYARENKO
GARY D LUKER
SCOTT D SWANSON
TIMOTHY D JOHNSON
$2,599,168 09/22/2015 - 08/31/2020

Investigating Semaphorin Receptor Function in Hedgehog Signal Transduction

BENJAMIN ALLEN (Cell and Developmental Biology)
$68,128 01/01/2016 - 12/31/2017

The Impact of Postnatal Overnutrition on the Adipose Tissue Immune System and Metabolic Inflammation

CAREY NIEN-KAI LUMENG (Pediatrics-Pulmonary Medicine)
$426,250 12/01/2015 - 11/30/2017

Parameters governing infection with BK polyomavirus

MICHAEL J IMPERIALE (Microbiology and Immunology)
$1,905,875 12/01/2015 - 11/30/2020

Vaccine to prevent E. coli urinary tract infection

HARRY L T MOBLEY (Microbiology and Immunology)
with CHRISTOPHER J ALTERI
ROBERT E SIGLER
$1,998,728 12/01/2015 - 11/30/2020

Transcriptional and epigenomic features of experimental ISC models

JASON SPENCE (Int Med-Gastroenterology)
$45,721 09/01/2014 - 08/31/2019

Mechanisms of fetal intestinal stem cell regulation and maturation

JASON SPENCE (Int Med-Gastroenterology)
$18,599 09/01/2015 - 08/31/2016

NIH/NIDDK

Formyl peptide receptors as mediators of intestinal mucosal homestasis

ASMA NUSRAT (Pathology Department)
$3,017,665 12/01/2015 - 11/30/2020
Biomarker Epidemiology of In Utero Environmental Exposures and Child Development

JOHN D MEEKER (Environmental Health Sciences)

with BHARMAR MUKHERJEE

$147,119 09/30/2015 - 06/30/2016

Northwestern University

Joint Undertaking for an African Materials Institute

PETER F GREEN (Materials Science & Engin.)

$22,372 09/01/2015 - 08/31/2018

Novartis

A phase II, single arm, multicenter trial to determine the efficacy and safety of CTL019 in adult patients with relapsed or refractory diffuse large B-cell lymphoma (DLBCL)

STEVEN C GOLDSTEIN (Int Med-Hematology/Oncology)

$1,171,270 04/10/2015 - 06/14/2022

Novella Clinical, LLC

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)

$485,127 11/13/2015 - 11/30/2018

Novo Nordisk

Elucidating the mechanisms by which GDF-15 reduces food intake and lowers body weight

RANDY J SEELEY (Surgery Department)

with DARLEEN ANN SANOVAL

MARTIN MYERS

$1,178,000 11/01/2015 - 10/31/2017

NSF: EAGER

EAGER: Cybermanufacturing: A Cloud-Based Additive Manufacturing and Quality System for Custom Orthoses and Prostheses

ALBERT J SHIH (Mechanical Engineering)

with DAVID R CHESNEY

ROLAND KR CHEN

$111,498 09/01/2015 - 08/31/2017

Ohio State University

The Antecedents and Consequences of Individuals’ Mobility & Entrepreneurship

SETH CARNAHAN (ROSS SCH Research Support)

$76,827 10/01/2015 - 11/30/2018

Once Upon a Time Foundation

Philanthropic Foundations in the Public Arena

MEGAN ELIZABETH TOMPKINS-STANGE (G. Ford Sc Pub Pol)

$50,000 09/01/2016 - 06/30/2017

O-Ray Pharma, Inc.

Sustained Release Inner Ear Delivery of Corticosteroid - Additional Study Group

JOSEF M MILLER (Kresge Hearing Research Inst)

$182,841 09/01/2015 - 08/31/2016
Partnership for Dummy Technology and Biomechanics
ICAM Pedestrian Injury Research Consortium
STEWART C WANG (GSA - Acute Care Surgery (ACS))
$720,000 06/01/2015 - 05/31/2018

Pfizer
Cost of Warfarin Management
JAMES B FROEHLICH (Int Med-Cardiology)
$192,400 10/25/2015 - 12/31/2016

ROXY EC System
MELANIE S SANFORD (LSA Chemistry)
$50,000 10/01/2015 - 03/31/2016

Pharmaceutical Research Associates, Inc.
A Phase 3, Global, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Safety and Efficacy of Sofosbuvir/Velpatasvir/GS-9857 Fixed-Dose Combination for 12 Weeks in Direct-Acting Antiviral-Experienced Subjects with Chronic HCV Infection
ANNA SUK-FONG LOK (Int Med-Gastroenterology)
$116,881 11/10/2015 - 09/30/2017

PPD
Expanded Access Program with Nivolumab (BMS-936558) in Combination with Ipilimumab (Yervoy) in Anti-CLTA-4 Treatment-Naive Subjects with Unresectable, or Metastatic Melanoma
CHRISTOPHER D LAO (Int Med-Hematology/Oncology)
$517,800 10/17/2014 - 10/05/2019

PRA
A randomized Phase 2 Study of paclitaxel in combination with reparixin compared to paclitaxel alone as front-line therapy for Metastatic Triple-Negative Breast Cancer
ANNE F SCHOTT (Int Med-Hematology/Oncology)
$243,768 11/04/2015 - 08/02/2017

A Phase 3, Global, Multicenter, Randomized, Open-Label Study to Investigate the Safety and Efficacy of Sofosbuvir/Velpatasvir/GS-9857 Fixed-Dose Combination for 8 Weeks Compared to Sofosbuvir/Velpatasvir for 12 Weeks in Direct Acting Antiviral-Naive Subjects with Chronic HCV Infection
ANNA SUK-FONG LOK (Int Med-Gastroenterology)
$101,274 11/10/2015 - 10/31/2017

Prostate Cancer Foundation
Androgen Receptor Signaling Post-Radiotherapy: A Novel Non-Invasive Predictive Biomarker for Locally Advanced and Castrate Resistant Prostate Cancer
It is the Prostate Cancer Foundation Young Investigator Award
DANIEL SPRATT (Radiation Oncology - Can Bio)
$150,000 10/01/2015 - 01/20/2017
Quintiles

A Phase 1, open-label, dose-escalation, safety and tolerability study of INCB054828 in subjects with advanced malignancies

DAVID C SMITH (Int Med-Hematology/Oncology)
$362,626 10/20/2015 - 09/14/2020

A Phase 2, Open-Label Study of the Safety and Efficacy of INCB040093 and INCB040093 Combined With INCB039110 in Subjects With Relapsed or Refractory Hodgkin Lymphoma

TYCEL PHILLIPS (Int Med-Hematology/Oncology)
$471,443 10/29/2015 - 10/29/2021

An Open-Label Extension and Safety Monitoring Study of Patients with Moderately to Severely Active Crohn’s disease Previously Enrolled in the Etrolizumab Phase III protocol GA29144

PETER DOYLE HIGGINS (Int Med-Gastroenterology)
$6,615 06/01/2014 - 05/31/2021

A PHASE III, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY TO EVALUATE THE EFFICACY AND SAFETY OF ETROLIZUMAB AS AN INDUCTION AND MAINTENANCE TREATMENT FOR PATIENTS WITH MODERATELY TO SEVERELY ACTIVE CROHN’S DISEASE

PETER DOYLE HIGGINS (Int Med-Gastroenterology)
$3,780 04/01/2015 - 03/31/2018

Resonant Therapeutics

Development of Novel Monoclonal Antibody Cancer Therapeutics

STEPHEN J WEISS (Life Sciences Institute-Admin)
$750,000 10/12/2015 - 10/11/2016

Ricardo, Inc.

US Department of Energy Wave Energy Prize - Proof of Concept Small Scale Wave Energy Convertor Testing

STEVEN FRANCIS ZALEK (Naval Arch & Marine Dept)
with MARC PERLIN
$194,127 08/19/2015 - 01/29/2016

Robert Bosch LLC

Automotive Analysis Affiliates Program Bosch

BRUCE M BELZOWSKI (Automotive Futures)
$7,500 04/01/2015 - 03/31/2016

Robert Wood Johnson Foundation

University of Michigan Policies for Action Research Hub

PAULA MARIE LANTZ (G. Ford Sc Pub Pol)
with DAVID MENDEZ
HELEN G LEVY
HOLLY JARMAN
KEVIN JOHN DOMBKOWSKI
MAHSHID ABIR
MARIANNE UDOW-PHILLIPS
MARK ANDREW ILGEN
MATTHEW M DAVIS
PETER D JACOBSON
RICHARD L HALL
THOMAS C BUCHMUELLER
$1,200,000 12/01/2015 - 05/31/2018
RSNA - Radiological Society of North America
Quantitative Imaging Biomarkers Alliance (QIBA) Phase 3
PAUL L CARSON (Department of Radiology)
$35,000  09/30/2015 - 09/29/2016

Samsung Electro-Mechanics Co., Ltd.
JUN NI (CoE Ind/Univ Coop Research Ctr)
$40,000  10/01/2015 - 09/30/2016

Sandia National Laboratories
Development of Room Temperature IR Photodetectors Based on 2D Atomic Layer Heterostructures
ZHAOHUI ZHONG (COE EECS - ECE - SSEL)
with THEODORE B NORRIS
$125,000  11/06/2015 - 11/05/2016

SARC
Year 4 funding: Tissue and Pathology Core - SARC Sarcoma SPORE
DAVID R LUCAS (Pathology Department)
RAJIV M PATEL (Pathology Department)
$127,186  09/01/2015 - 08/31/2016

Saudi Cultural Mission to the USA
Hussain Alquraini Fellowship - Saudi Cultural Mission to the USA
RICHARD AUCHUS (Metabolism, Endo & Diabetes)
$101,498  07/01/2015 - 06/30/2017

Selexys Pharmaceuticals
The effects of SelK2 on Venous Thrombosis in a Nonhuman Primate Model of The Disease
DANIEL DURANT MYERS JR (Vascular Surgery Section)
THOMAS W WAKEFIELD (Vascular Surgery Section)
with JOSE ANTONIO DIAZ
$369,092  11/01/2015 - 10/31/2016

Semiconductor Research Corporation
Nonlinear Optical Spectroscopic and Imaging Studies on Surfaces and Buried Interfaces in Packaging in Situ
ZHAN CHEN (LSA Chemistry)
$83,333  01/01/2016 - 12/31/2016

Singapore Management University
Singapore Life Panel
SUNGHEE LEE (SRC-Survey Methodology Prog)
$5,912  09/01/2015 - 08/31/2016

Sjogren's Syndrome Foundation
Clinical Significance of Circadian Rhythms Disruption in Sjogren's syndrome Pathogenesis
PETROS PAPAGERAKIS (DENT Pediatric)
with EMILY CATHERINE SOMERS
$20,000  07/01/2015 - 06/30/2016
<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Project Title</th>
<th>Person(s)</th>
<th>Amount</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>Smith Richardson Foundation</td>
<td>Taxing Beards and Breasts, Wigs and Windows: Weird Taxes from the Past and Their Lessons for Tax Policy Today</td>
<td>JOEL B SLEMROD (ROSS SCH Research Support)</td>
<td>$50,000</td>
<td>09/01/2015</td>
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<td>SOAR Foundation</td>
<td>Autophagic defects in Niemann-Pick type C1 disease</td>
<td>ANDREW P LIEBERMAN (Pathology Department)</td>
<td>$50,000</td>
<td>11/01/2015</td>
<td>10/31/2016</td>
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<td>Society for Developmental Biology</td>
<td>53rd Annual Midwest Society for Developmental Biology Meeting</td>
<td>DEBORAH L GUMUCIO (Cell and Developmental Biology)</td>
<td>$15,000</td>
<td>08/01/2015</td>
<td>12/31/2015</td>
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<td>Sorin Group</td>
<td>Evaluation of Mitral Valve Anterior Leaflet Repair Using the Memo 3D Rechord Annuloplasty Ring</td>
<td>MATTHEW AUGUSTIN ROMANO (Cardiac Surgery)   with STEVEN F BOLLING</td>
<td>$93,940</td>
<td>10/23/2015</td>
<td>02/28/2017</td>
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<td>Space Telescope and Science Institute</td>
<td>The nature of the transient X-ray binary Swift J1910.2-0546</td>
<td>JON MATTHEW MILLER (LSA Astronomy) with MARK THOMAS REYNOLDS</td>
<td>$18,332</td>
<td>11/01/2015</td>
<td>10/31/2018</td>
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<td>Space Telescope Science Institute</td>
<td>The parallax and mass of the binary classical Cepheid V1334 Cyg</td>
<td>JOHN D MONNIER (LSA Astronomy)</td>
<td>$22,297</td>
<td>11/01/2013</td>
<td>10/31/2017</td>
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<td>Spencer Foundation</td>
<td>Understanding and Addressing the Achievement Gap in Middle School Writing and Social Studies</td>
<td>CHAUNCEY B MONTE-SANO (SOE-Educational Studies)</td>
<td>$50,000</td>
<td>11/01/2015</td>
<td>10/31/2016</td>
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<td>Stanford</td>
<td>Scalable Environment for Quantification of Uncertainty and Optimization in Industrial Applications (SEQUOIA)</td>
<td>KARTHIK DURAISAMY (Aerospace Engineering)</td>
<td>$17,093</td>
<td>09/11/2015</td>
<td>09/10/2016</td>
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<td>State University of New York at Buffalo</td>
<td>Womens Health Initiative - Regional Centers</td>
<td>JOSHUA D STEIN (Ophthalmology &amp; Visual Science)</td>
<td>$50,057</td>
<td>10/15/2015</td>
<td>10/14/2020</td>
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Stemline Therapeutics, Inc.
SL-401 in Patients with Advanced, High Risk Myeloproliferative Neoplasms
MARIEN NGUYEN (Int Med-Hematology/Oncology)
$536,452 11/16/2015 - 11/30/2017

St. Jude Children's Research Hospital
CEIRS Immunology of Influenza - Option 14B
AUBREE GORDON (Epidemiology Department)
$511,374 09/04/2015 - 03/31/2017

The Boeing Company
WIMS Center Full Member - Boeing 12/1/2015 - 11/30/2016
YOGESH B GIANCHANDANI (COE EECS - ECE - WIMS - ERC)
$50,000 12/01/2015 - 11/30/2016

The E. Rhodes and Leona B. Carpenter Foundation
Carpenter Foundation - Kabuki
JOSEPH G ROSA (Exhibitions)
$10,000 01/01/2016 - 06/30/2017

The Hirshberg Foundation for Pancreatic Cancer Research
Understanding the Requirement for Mutant P53 in Pancreatic Cancer Progression and Metastasis
MARINA PASCA DI MAGLIANO (GSA - Gastrointestinal (SGI))
$50,000 11/15/2015 - 11/14/2016

The National Congress of American Indians
Determinants of physical activity participation among older adults diagnosed with type 2 diabetes
EMILY JOY NICKLETT (School of Social Work)
$15,000 09/01/2015 - 08/31/2016

The Trustees of Columbia University
Center for Public Research and Leadership
DAVID A SANTACROCE (Law School Research Admin)
$55,508 09/08/2015 - 12/18/2015

The University of Texas at Austin
Adolescent sleep, brain function, and risk behavior
DANIEL P KEATING (SRC-Pop., Neurodev., & Genet)
$8,000 06/01/2015 - 06/01/2017

Tissue Regeneration Systems
Early Bone Response to Implants
KENNETH MICHAEL KOZLOFF (Orthopaedic Surgery)
$45,167 11/01/2015 - 10/31/2016

Toyota Motor Engineering & Manufacturing North America, Inc.
Characterization and Control of Dilute Combustion Dispersion (CC-DCD) Amendment 1
ANNA G STEFANOPOULOU (Mechanical Engineering)
with JASON BRIAN MARTZ
$115,130 05/01/2015 - 02/29/2016
Toyota Motor North America, Inc.
Toyota Leadership Circle Membership with MTC
   PETER FRANK SWEATMAN  (MI Mobility Transformation Ctr)
   $999,999  09/30/2014 - 09/30/2017

TRW Automotive
Driver-Centered Intelligent Vehicle Systems Year 5
   YI LU MURPHEY  (Dbn Col of Eng-Electric & Comp)
   $112,000  09/01/2015 - 08/31/2016

Tulane University
Linking Health and Environmental Outcomes to Dietary Behaviours in the United States
   GREGORY A KEOLEIAN  (Sch of Nat Resources & Environ)
   with MARTIN HELLER
   $89,566  10/01/2015 - 08/31/2017

Twisthink LLC
WIMS Center Associate Partner - Twisthink 9/1/2015 - 8/31/2016
   YOGESH B GIANCHANDANI  (COE EECS - ECE - WIMS - ERC)
   $6,000  09/01/2015 - 08/31/2016

University of Alabama
Beta-Blockers for the Prevention of Acute Exacerbations of COPD
   MEILAN K HAN  (Int Med-Pulm./Critical Care)
   with JEFFREY L CURTIS
   $152,905  10/01/2015 - 09/30/2016

University of California Los Angeles
Extreme Physics and Chemistry of Carbon: Forms, Transformations and Movements in Planetary Interiors
   JIE LI  (LSA Earth & Environmental Sci.)
   $44,800  11/01/2015 - 10/31/2017

University of Chicago
Remediating Academic and Non-Academic Skills Deficit Among Disadvantaged Youth-Transcription
   PATTY MAHER  (Survey Research Organization)
   $56,225  10/01/2015 - 07/31/2017

University of Colorado
Three-Dimensional Model Simulations in Support of the MAVEN Mission using M-GITM, DSMC, and MHD Codes FY16
   STEPHEN W BOUGHER  (COE Climate & Space)
   $68,184  08/01/2012 - 04/30/2016

University of Illinois-Urbana-Champaign
BD Hubs: Midwest: ?SEEDCorn: Sustainable Enabling Environment for Data Collaboration?
   BRIAN D ATHEY  (Advanced Research Computing)
   $95,000  10/01/2015 - 09/30/2018
University of North Carolina

Patient Reported Outcomes Project of HCV-TARGET (PROP up TARGET)

ANNA SUK-FONG LOK (Int Med-Gastroenterology)
with ROBERT JOHN FONTANA
$33,992 08/01/2015 - 07/31/2016

University of North Carolina at Chapel Hill-MMRRC

Addressing stigma among Black MSM in a mobile phone and internet HIV intervention

JOSE ARTURO BAUERMEISTER (Hlth Behavior & Hlth Ed Dept)
with GARY W HARPER
$95,038 09/01/2015 - 07/31/2016

University of Pennsylvania

The COURAGE Trial: Colon Recurrence and Aerobic Exercise: A Feasibility Study

ANDREW RHIM (Int Med-Gastroenterology)
$6,539 06/10/2014 - 05/31/2015

University of Southern California

ENIGMA Center for Worldwide Medicine, Imaging & Genomics - Consortium Activities

JIEPING YE (Comp Med and Bioinformatics)
$80,600 06/01/2015 - 05/31/2016

University of Southern Denmark

Guest Professor at University of Southern Denmark: Ophthalmology at the Faculty of Health Sciences, University of Southern Denmark and Odense University Hospital

TERRY SMITH (Ophthalmology & Visual Science)
$57,427 08/01/2014 - 07/31/2017

University of Texas at Austin

Family Exchanges Study II - Additional Funds

KIRA S BIRDITT (SRC-Life Course Development)
$34,207 09/01/2011 - 05/31/2016

University of Zurich

Supplement to Measuring Policy Diffusion with Automated Content Analysis: The Case of Smoking Bans in Switzerland and the USA

CHARLES R SHIPAN (LSA Political Science)
$960 09/01/2014 - 08/31/2017

US Department of Transportation/FHWA

2015 Dwight David Eisenhower Graduate Fellowship

JONATHAN LEVINE (Urban Planning)
$5,000 10/21/2015 - 10/20/2016

US Department of Veterans Affairs

IPA - Piette/Baveja - 10/1/15 - 6/30/16

KAREN BELL FARRIS (PHARMACY Clin, Soc & Admin Sci)
$1,960 10/01/2015 - 06/30/2016
VA Ann Arbor Healthcare Center

IPA, Williams, David A
DAVID A WILLIAMS (Anesthesiology Department)
$2,451 10/01/2015 - 09/30/2016

VA Ann Arbor Healthcare System

VA IPA-Katrina Clinics
CRAIG ALAN JAFFE (Metabolism, Endo & Diabetes)
$37,305 08/01/2015 - 07/31/2016

IPA Seagal Teitz-Tennenbaum
JOHN J OSTERHOLZER (Int Med-Pulm./Critical Care)
$83,096 10/01/2015 - 09/30/2016

VA IPA - Diane Scarpace FY16
CHRISTINE T CIGOLLE (IntMed-Geri & Palliative Med.)
$141,315 09/01/2015 - 08/31/2016

VA IPA - Martina Nabozny FY16
NEIL BURTON ALEXANDER (IntMed-Geri & Palliative Med.)
$66,097 10/01/2015 - 09/30/2016

VA IPA - Rebecca Mase
MARY ELLEN MICHELE HEISLER (Int Med-General Medicine)
$108,307 10/01/2015 - 09/30/2016

VA Ann Arbor Health Care System

IPA - Year 4 - Joseph Bull
JOSEPH L BULL (Biomedical Engineering)
$17,507 10/01/2015 - 02/23/2016

VA Medical Center, Ann Arbor

Zachary Landis-Lewis VA IPA
ZACHARY LANDIS-LEWIS (DLHS Division of LKS)
$34,808 10/15/2015 - 09/30/2016

Various

The Healthy Bodies Study 2015
DANIEL EISENBERG (Health Management and Policy)
$3,100 09/01/2014 - 08/31/2015

RECHARGE Bioinformatics Analysis #1010 2015-2016
RICHARD CHARLES MC EACHIN (BRCF Bioinformatics Core)
$129,000 09/01/2015 - 08/31/2017

RECHARGE Anatomical Donations #491
MICHAEL W MULHOLLAND (Division of Anatomical Science)
$935,250 07/01/2014 - 06/30/2017

Various

RECHARGE MicroCT Core #859
RUSSELL S TAICHMAN (DENT Office of Research)
$1,290 10/01/2012 - 12/31/2015
### Various Sponsors

**RECHARGE (MC2 (formerly EMAL) #104**

<table>
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<th>Sponsor</th>
<th>Principal Investigator</th>
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<td>JOHN F MANSFIELD</td>
<td>(MC2-Michigan Ctr for Materials)</td>
<td></td>
<td>$633,004</td>
<td>01/01/2010</td>
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**Various Sponsors**

**RECHARGE DNA Sequencing and MicroArray #667 2014-2016**

<table>
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<tr>
<th>Sponsor</th>
<th>Principal Investigator</th>
<th>Institution</th>
<th>Award Amount</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>ROBERT H LYONS JR</td>
<td>(BRGF DNA Sequencing &amp; MicroArr)</td>
<td></td>
<td>$387,000</td>
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**Veterans Administration**

**Zikmund-Fisher IPA**

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<tr>
<td>BRIAN J ZIKMUND-FISHER</td>
<td>(Hlth Behavior &amp; Hlth Ed Dept)</td>
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<td>$13,503</td>
<td>08/01/2015</td>
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**Stoll IPA**

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<tr>
<td>MARY ROSE JANEVIC</td>
<td>(Hlth Behavior &amp; Hlth Ed Dept)</td>
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**Wake Forest University**

**SEARCH for Diabetes in Youth Cohort Study**

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<tr>
<td>EVA L FELDMAN</td>
<td>(Neurology Department)</td>
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**Washington University**

**A Phase II Study of Neratinib in Metastatic HER2 Non-amplified but HER2 Mutant Breast Cancer: UMCC 2013.055**

<table>
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<th>Sponsor</th>
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<tr>
<td>DANIEL F HAYES</td>
<td>(Int Med-Hematology/Oncology)</td>
<td></td>
<td>$22,400</td>
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**Washtenaw County**

**Contract with Washtenaw Sr. Nutrition for FFY 2016**

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<tr>
<td>ALFREDA RENAE ROOKS</td>
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**Amended Service Contract for Increased Funding FY 2015 at Year-End**

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<tr>
<td>ALFREDA RENAE ROOKS</td>
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