The awards detailed in this list were established July 1, 2014 through October 31, 2014. 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>Number of Awards</th>
<th>Number of Awards</th>
<th>% Change</th>
<th>Value of Awards</th>
<th>Value of Awards</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2014</td>
<td>FY 2015</td>
<td></td>
<td>FY 2014</td>
<td>FY 2015</td>
<td></td>
</tr>
<tr>
<td>Total Awards Processed (October)</td>
<td>327</td>
<td>258</td>
<td>-21.1%</td>
<td>$ 90,773,456</td>
<td>$ 95,761,823</td>
</tr>
<tr>
<td>Research Awards</td>
<td>183</td>
<td>128</td>
<td>-30.1%</td>
<td>$ 74,851,054</td>
<td>$ 55,416,177</td>
</tr>
<tr>
<td>Research Training</td>
<td>6</td>
<td>10</td>
<td>66.7%</td>
<td>$ 251,792</td>
<td>$ 982,791</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>138</td>
<td>120</td>
<td>-13.0%</td>
<td>$ 15,670,610</td>
<td>$ 39,362,855</td>
</tr>
</tbody>
</table>

## October FY2015 saw solid increases in total year-to-date award amounts as compared to October FY2014, as well as an increase in total number of year-to-date awards. Comparing October FY2015 versus October FY2014 for the category of other sponsored activity, the total award dollar amount increased significantly despite having fewer awards. This dollar amount increase is largely due to six Department of Education instructional awards in the College of Literature, Science and the Arts with a total combined award amount of $10,501,610. These awards helped make October FY2015 have fourth highest total award amount in a single month for the instructional award category at $12,538,210, starkly contrasting October FY2014 instructional total award amount of $55,000.
<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable Funds</th>
<th>Other Funds</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2014</td>
<td>$ 201,791,132</td>
<td>$ 142,376,128</td>
<td>$ 344,167,261</td>
</tr>
<tr>
<td>September 2013</td>
<td>$ 229,929,918</td>
<td>$ 125,732,001</td>
<td>$ 355,661,919</td>
</tr>
<tr>
<td>Percent Change</td>
<td>-12.24%</td>
<td>13.24%</td>
<td>-3.23%</td>
</tr>
</tbody>
</table>

Source: Finance - Sponsored Programs
AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

October 01, 2014 through October 31, 2014

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>AAA Foundation for Traffic Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAFTS Senior Driver Cohort Study</td>
</tr>
<tr>
<td>DAVID W EBY (UMTRI-Behavioral Sciences)</td>
</tr>
<tr>
<td>with DAVID J LEBLANC, JACQUI SMITH, LIDIA P KOSTYNIUK, LINDSAY H RYAN, LISA JEANNE MOLNAR, RAYMOND L YUNG</td>
</tr>
<tr>
<td>$611,303</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Actelion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined pre- and post-capillary pulmonary hypertension due to left ventricular dysfunction</td>
</tr>
<tr>
<td>VALLERIE MCLAUGHLIN (Int Med-Cardiology)</td>
</tr>
<tr>
<td>$72,643</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aegerion Pharmaceuticals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting Agreement</td>
</tr>
<tr>
<td>ELIF A ORAL (Metabolism, Endo &amp; Diabetes)</td>
</tr>
<tr>
<td>$600</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alliance for Lupus Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gene/Environment Interaction in Lupus</td>
</tr>
<tr>
<td>BRUCE C RICHARDSON (Int Med-Rheumatology)</td>
</tr>
<tr>
<td>$200,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alzheimer's Association</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology-Assisted Intervention for Remarried and Stepfamily Caregivers</td>
</tr>
<tr>
<td>CAREY SHERMAN (SRC-Life Course Development)</td>
</tr>
<tr>
<td>$99,976</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alzheimer's Association Care Consultation Pilot Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUE ANN SAVAS (School of Social Work)</td>
</tr>
<tr>
<td>$15,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>American Association of Teachers of Japanese (AATJ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japanese Language Proficiency Test Host Site 2014-18</td>
</tr>
<tr>
<td>JONATHAN E ZWICKER (LSA II: Japanese Studies)</td>
</tr>
<tr>
<td>$17,395</td>
</tr>
<tr>
<td>Institution</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>American Geriatrics Society</td>
</tr>
<tr>
<td>Ann Arbor, City of</td>
</tr>
<tr>
<td>Arbor Research Collaborative For Health</td>
</tr>
<tr>
<td>Arbor Research Collaborative For Health</td>
</tr>
<tr>
<td>Association of Oncology Social Work (AOSW)</td>
</tr>
<tr>
<td>Association of Professors of Gynecology &amp; Obstetrics, Medical Education Foundation of</td>
</tr>
<tr>
<td>Astra Zeneca AB</td>
</tr>
<tr>
<td>Avon Foundation</td>
</tr>
<tr>
<td>Battelle Energy Alliance, LLC</td>
</tr>
</tbody>
</table>
Battelle Memorial Institute


  KATHLEEN DESANTIS KLINICH (UMTRI-Biosciences)
  $79,952  10/01/2014 - 07/21/2015

Beth Israel Deaconess Medical Center

Randomized Trial of a Mammography Decision Aid for Women Aged 75 and Older

  ANGELA TSAI FAGERLIN (Int Med-General Medicine)
  $7,375  06/01/2014 - 05/31/2015

Bloomberg Finance, L.P.

Surveys of Consumers 2015-2019

  RICHARD T CURTIN (SRC-Surveys of Consumers)
  $10,000,000 01/01/2015 - 12/31/2019

Bowling Green State University

iEvolve with STEM: Inquiry and Engagement to Invigorate and Optimize Learning for Everyone

  STUART A KARABENICK (SOE-CPEP)
  $75,000  09/15/2014 - 08/31/2017

Bristol-Myers Squibb Company

Implementation of a Shared Decision Making Tool for Anticoagulation of Atrial Fibrillation Patients

  JAMES B FROEHLICH (Int Med-Cardiology)
  $220,000  08/01/2014 - 07/31/2015

Carnegie-Mellon University

Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections

  MARIO LEONARDO FABIILLI (Department of Radiology)
  $12,558  02/01/2014 - 04/30/2015

Case Western Reserve University

Hearing Impairment in Long-Term Type 1 Diabetes (EDIC Audiology)

  WILLIAM H HERMAN (Metabolism, Endo & Diabetes)
  with RODICA BUSUI
  $10,941  09/01/2014 - 08/31/2015

Catholic Social Services

COBO Substance Abuse Prevention (2015)

  RACHEL DEWEES (UMH Turner Sr Wellness Program)
  $11,912  10/01/2014 - 09/30/2015

Catholic University of America

Investigation of the S-Web as a Possible Source of Slow Solar Wind

  THOMAS H ZURBUCHEN (Atm, Oceanic & Space Sci.)
  $255,105  10/01/2014 - 09/30/2017

Center for International Forestry Research (CIFOR)

Development, Enhancement, and Analysis of Socio-Economic and Forest Datasets

  ARUN AGRAWAL (Sch of Nat Resources & Environ)
  $80,000  10/01/2014 - 09/30/2015
Cherry Marketing Institute
Protective Mechanisms of Cherry Intake on Gout-like Flare Initiation and Propagation - a Preclinical Study
MITCHELL SEYMOUR (Cardiac Surgery)
with STEVEN F BOLLING
$54,133  10/14/2014 - 09/30/2015

Chest Foundation
DNA Methylocmic Changes in IPF Fibroblasts as a Predictor of Disease Progression
STEVEN HUANG (Int Med-Pulm./Critical Care)
$30,000  09/15/2014 - 09/15/2015

Children's Hospital of Philadelphia, The
Child Injury Prevention Studies
MICHAEL R ELLIOTT (SRC-Survey Methodology Prog)
$19,176  08/01/2014 - 03/31/2015

Impact of Hypothermia on Midazolam/Morphine Pharmacokinetics
FRANK W MOLER (Pediatrics-Intensive Care)
$4,800  04/01/2013 - 03/31/2015

Chiltern International, Inc
A Multicenter Phase 3 Randomized, Open-Label Study of Bosutinib versus Imatinib in Adult Patients with Newly Diagnosed Chronic Phase Chronic Myelogenous Leukemia
MOSHE TALPAZ (Int Med-Hematology/Oncology)
$343,151  09/26/2014 - 09/25/2019

Cleveland Clinic Foundation (CCF)
Nanocomposite braces for leg injuries
NICHOLAS KOTOV (Chemical Engineering Dept)
$45,000  09/01/2014 - 08/31/2015

Clinpace
A Randomized, Open Label, Phase 2 Study of the Selective Inhibitor of Nuclear Export (SINE) Selinexor (KPT-330) versus Specified Physician?s Choice in Patients =60 years with Relapsed/Refractory Acute Myeloid Leukemia (AML) who are Ineligible for Intensive Chemotherapy and/or Transplantation
DALE LEE BIXBY (Int Med-Hematology/Oncology)
$155,841  10/08/2014 - 10/14/2019

Colgate-Palmoilve Company
Star-Shaped Polymer Architecture For Anti-Attachment, Anti-Stain, and Actives Delivery
KENICHI KURODA (DENT Bio & Materials Science)
$109,396  10/22/2014 - 01/21/2016

Cooley's Anemia Foundation
Variable number tandem repeats and heterochromatin in a-thalassemia
SHIGEKI IWASE (Human Genetics Department)
$32,500  07/01/2014 - 06/30/2015

Core Health Technologies
CoreHealth Technologies (HRA)
LOUIS TZE-CHING YEN (Health Management Research Ctr)
$150,000  09/01/2014 - 08/31/2017
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)
$372,224 08/14/2014 - 07/14/2021

Covance Inc.

Bladder sensory neuron neuroplasticity after spinal cord injury

TIMOTHY MORRIS BRUNS (Biomedical Engineering - MS)
$299,618 12/31/2014 - 12/30/2016

Cortical Controller for Electrically Stimulated Grasping

CYNTHIA ANNE CHESTEK (Biomedical Engineering)
with PARAG G PATIL
$283,890 12/31/2014 - 12/30/2016

End the Disability Digital Divide: Adapting smartphones, tablets and apps to connect after SCI

NANCY K MERBITZ (Physical Medicine & Rehab Dept)
$125,000 12/31/2014 - 12/30/2015

CTI Clinical Trial and Consulting Services

Start up funds only : A Three-Part, Multi-Centre, Randomised, Double-Blind, Placebo-Controlled, Parallel-Group, Sequential Adaptive, Phase II Study to Evaluate the Safety, Tolerability and Efficacy of OPN-305, a Humanised Monoclonal Antibody that Blocks Toll-Like Receptor 2, in Renal Transplant Patients at High Risk of Delayed Graft Function

RANDALL S SUNG (Transplant Surgery (STX))
$5,728 06/25/2014 - 09/01/2014

DCS Corporation

Review of Robotic Exoskeleton Technologies

DANIEL P FERRIS (School of Kinesiology)
$32,800 09/23/2014 - 10/31/2014

Defense, Department of-Air Force, Department of the

Development of Particle-Free Spatially-Resolved Two-Component Velocimetry for Fluid Flows

MIRKO GAMBA (Aerospace Engineering)
$455,292 09/30/2014 - 09/29/2017

Traveling Wave Amplifier Driven by a Large Diameter Annular Electron Beam in a Disk-Loaded Structure

YUE YING LAU (Nuclear Eng & Radiological Sci)
$99,462 10/01/2014 - 09/30/2015

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

US Air Force 9/11/14 - 9/10/15

JEANNE P MURABITO (CoE Eng Career Resource Center)
$2,500 09/11/2014 - 01/10/2015

Defense, Department of-Army, Department of the

Rapid Manufacturing by Hybrid Prototyping Technologies (Follow-on) WD001 & WD002

PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)
$425,946 09/09/2014 - 03/09/2016
Delta Dental Foundation

Apoptotic Biomarkers in Chronic Periodontitis, a Longitudinal Study

YVONNE LORRAINE KAPILA (DENT Periodontics and Oral Med)

$4,000 09/23/2014 - 09/22/2015

Comparison of Mineral Trioxide Aggregate and Diluted Formocresol in Pulpotomized Human Primary Molars: A Retrospective Study

JAN CHING CHUN HU (DENT Bio & Materials Science)

$3,000 01/01/2015 - 12/31/2015

Demetra Energia SRL

Nanotechnology and Nano-scale photonics applications

YA SHA YI (Dbn Col of Eng-Electric & Comp)

$133,146 11/15/2014 - 11/15/2015

Denso International America

Denso Leadership Circle Membership with MTC

PETER FRANK SWEATMAN (MI Mobility Transformation Ctr)

$999,999 09/30/2014 - 09/30/2017

Detroit Economic Growth Corporation (DEGC)

Business Development Internship Program Master Agreement 2015

ERIC R DUEWEKE (Urban Planning)

$6,948 06/10/2013 - 12/17/2014

Dow Chemical Company

Life Cycle Assessment of Food Packaging and Waste

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

$100,000 07/01/2014 - 12/31/2015
Genevieve Zubrzycki (LSA II: Russ, EE & Eurasian St) $990,000 08/15/2014 - 08/14/2018

University of Michigan Center for South Asian Studies NRC and FLAS Proposal 2014-2018
FARINA MIR (LSA II: S. Asian Studies) $2,169,000 08/15/2014 - 08/14/2018

East Asia National Resource Center and Foreign Language and Area Studies Fellowships 2014-2018
MARY E GALLAGHER (LSA II: Chinese Studies) $2,021,600 08/15/2014 - 09/14/2018

Center for Latin American and Caribbean Studies National Resource Center and Foreign Language Area Studies Fellowships 2014-2018
ALEXANDRA STERN (LSA II: Latin Amer & Carib St) $1,824,000 08/15/2014 - 08/14/2018

CMENAS National Resource Center (NRC) Foreign Language Area Studies (FLAS) Fellowships 2014-2018
JUAN R COLE (LSA II: ME & N. African St) $1,880,000 08/14/2014 - 08/14/2018

Center for South East Asian Studies National Resource Center (NRC) and Foreign Language Area Studies (FLAS) Fellowships 2014-2018
CHRISTI-ANNE CASTRO (LSA II: SE Asian Studies) $2,199,000 08/15/2014 - 08/14/2018

2014-15 US/ED Fulbright-Hays DOCTORAL DISSERTATION Research Abroad
PAULINE JONES LUONG (LSA International Institute) $112,539 10/01/2014 - 03/31/2016

EKOS Corporation
ACCESS PTS Accelerated Thrombolysis for Post-Thrombotic Syndrome Using the EKOS System
DAVID M WILLIAMS (Department of Radiology) $48,150 10/08/2014 - 09/14/2016

Electric Power Research Institute
BWR PCMI Assessment of Extend Low Power Operation
FEI GAO (Nuclear Eng & Radiological Sci) $15,000 10/01/2014 - 12/31/2014

Eli Lilly and Company Foundation
Multiscale Computational Modeling and Dual Channel Near Infrared Fluorescence Imaging of ADME of Biologics
GREG MICHAEL THURBER (Chemical Engineering Dept) $261,891 10/07/2014 - 10/06/2016

Engineering Quality Solutions
Sheet Metal Forming for Engineering Quality Solutions, Inc.
GHASSAN T KRIDLI (Dbn Col of Eng-Indust & Sys En) $3,225 10/15/2014 - 12/01/2014
EWA, Inc.

Bio-Inspired Semiconductor Technology

DAVID BLAAUW (COE EECS - ECE - SSEL)

$100,000 09/11/2014 - 09/03/2015

FHI 360 Headquarters

HIV Prevention Network: Pre-Exposure Prophylaxis (PrEP) to Prevent HIV Transmission in At-Risk Men Who Have Sex with Men- HPTN069

K RIVET AMICO (Hlth Behavior & Hlth Ed Dept)

$4,342 08/01/2014 - 11/30/2014

Flinn, Ethel and James, Foundation

Evaluation of Michigan’s Infant Mental Health Home Visiting Model

KATHERINE LISA ROSENBLUM (Psychiatry Child Services)

MARIA MUZIK (Psychiatry Child Services)

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

Ford Motor Company

Internal Model Control Method for Powertrain Control and Calibration - Add'l funding

JING SUN (Naval Arch & Marine Dept)

$40,000 06/01/2011 - 05/31/2014

Mapping New Mobility: Developing a Data-Driven Graphic Platform for Assessing & Advancing Industry Cluster Development & Entrepreneurship Opportunities in Urban Regions

GEOFFREY THUN (Coll of Arch & Urban Planning)

$70,000 10/24/2014 - 12/31/2016

Ford Motor Company Fund

Sustainable Community Project-Needs Analysis/Next Steps

TIMOTHY ALLAN DAVIS (Dbn College of Business)

$50,000 10/01/2013 - 09/30/2014

Francis, Parker B.

Role of IL36 in gram negative pneumonia

THEODORE J STANDIFORD (Int Med-Pulm./Critical Care)

$5,000 07/01/2014 - 06/30/2017

Gates, Bill and Melinda, Foundation

June 2014 Supplement, Statistic back end for Gates Evaluation Engine

BEN B HANSEN (Education and Well Being)

$103,272 07/01/2013 - 06/30/2015

General Motors Corporation

An Analytical Assessment of Advanced Spark Ignition (SI) Engines (Elliott Ortiz-Soto 2)

VOLKER SICK (Mechanical Engineering)

$128,368 10/01/2014 - 09/30/2015

Genesee Intermediate School District

Great Start Readiness UM Flint Summer 14

DELLA BECKER-CORNELL (Flint ECDC)

$38,500 06/01/2014 - 09/30/2014
Georg-August-University

Analysis of Get3 as Redox Regulated Chaperone

URSULA H JAKOB (LSA Molec./Cell./Develop. Bio)

$38,065 04/01/2014 - 03/31/2017

GlaxoSmithKline (GSK)

A phase III, randomised, open-label study comparing the combination of the BRAF inhibitor, dabrafenib and the MEK inhibitor trametinib to the BRAF inhibitor vemurafenib in subjects with unresectable (stage IIIc) or metastatic (stage IV) BRAF V600E/K mutation positive cutaneous melanoma

CHRISTOPHER D LAO (Int Med-Hematology/Oncology)

$1,725 10/12/2012 - 10/11/2016

Harvard College

Annual Report on the Adoption and Use of Health Information Technology in the United States

JULIA ADLER-MILSTEIN (School of Information)

$44,084 08/01/2014 - 07/31/2015

Harvard University

In vivo Handheld Coherent Raman Scattering (CRS) Microscopy for Glioma Imaging

DANIEL A ORRINGER (Neurosurgery)

with ANDREW P LIEBERMAN
CATHERINE A SPINO
HEMANT PARMAR
MARTIN A PHILBERT
OREN SAGHER
SANDRA I CAMELO-PIRAGUA

$663,023 09/15/2014 - 05/31/2019

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

Engaging Michigan Communities in Deliberations about Medicaid Priorities

SUSAN D GOOLD (Int Med-General Medicine)

with A MARK FENDRICK
HYUNGJIN MYRA KIM
RICHARD L LICHTENSTEIN

$391,321 09/30/2014 - 09/29/2016

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

Selecting / Acquiring Representative Historical Controls for a Lupus Study

PATTY MAHER (Survey Research Organization)

$103,000 09/15/2014 - 03/31/2015

Core_plus_Option_A_B_Proposal for Influenza Vaccine Effectiveness Research - Supplement

ARNOLD S MONTO (Epidemiology Department)

with SUZANNE E OHMIT

$160,000 07/01/2014 - 06/30/2015

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

Michigan Surgical & Health Optimization Program

MICHAEL J ENGLESBE (Transplant Surgery (STX))
STEWART C WANG (Transplant Surgery (STX))

with DARRELL A CAMPBELL JR

$6,389,850 09/01/2014 - 08/31/2017
Health and Human Services, Department of Health Resources and Services Administration

2014 Nurse Anesthetist Traineeship
LYNN L LEBECK (Flint Dept Pub Hlth & Hlth Sci)
$25,298 07/01/2014 - 06/30/2015

HRSA Integrated Behavioral Health and Primary Care Clinical MSW Scholars Program
MARY C RUFOLO (School of Social Work)
$1,439,610 09/30/2014 - 09/29/2017

HCOP Supplemental 2014-15
SUZANNE M SELIG (Flint Dept Pub Hlth & Hlth Sci) with DONNA KAY FRY
$470,445 09/01/2013 - 08/31/2015

Health and Human Services, Department of National Institutes of Health

Quercetin prevents progression of COPD lung disease by modulating Foxo3A activity
UMADEVI S SAJJAN (Pediatrics-Pulmonary Medicine) with MARC B HERSHENSON
PETER MANCUSO
$2,038,215 09/01/2014 - 08/31/2019

The Regulation of Macropinocytosis
JOEL A SWANSON (Microbiology and Immunology) with SEI YOSHIDA
$1,314,543 09/05/2014 - 08/31/2018

The Intra-household Distribution of Food and Health Resources amongst Children
ACHYUTA RASENARU ADHVARYU (ROSS SCH Research Support)
$391,305 03/01/2014 - 02/28/2017

Characterization of Human Oral Cancer Initiating Cell (CIC) Antigens
QIAO LI (GSA - Surgical Oncology (SON)) with DAVID M LUBMAN
JEFFREY S MOYER
MARK E P PRINCE
$286,781 09/24/2014 - 08/31/2015

Peptide Hormone Sorting to the Secretory/Storage Granule
PETER ARVAN (Metabolism, Endo & Diabetes) with LEENA HAATAJA
$2,532,193 09/12/2014 - 06/30/2019

Deformable hydrogel microparticles as delivery vehicles to the vascular wall
LOLA ENIOLA-ADEFESO (Chemical Engineering Dept) with TIMOTHY FRANCIS SCOTT (Chemical Engineering Dept)
$147,726 09/26/2014 - 06/30/2016

SUDEP Research Alliance: iPSC and Mouse Neurocardiac Models, Application 6 of 7
JACK M PARENT (Neurology Department) with JOSE JALIFE
OMER BERENFELD
TODD J HERRON
YUKUN YUAN
$3,312,659 09/30/2014 - 07/31/2019
Radioligands for PET Imaging of GABA Transporters

MICHAEL R KILBOURN  (Department of Radiology)
with PETER J SCOTT
$426,771  09/30/2014 - 08/31/2016

Center for Complexity and Self-management of Chronic Disease (CSCD Center)

DEBRA BARTON  (SON-Grants)
IVAYLO D DINOV  (SON-Grants)
with DAVID L RONIS
DENISE M SAINT ARNAULT
JANET LOUISE LARSON
MARITA G TITLER
SUSAN JANE PRESSLER
$1,417,473  09/26/2014 - 07/31/2019

EUS-Guided Optoelectronic Microprobe for Accurate Pancreatic Neoplasia Diagnosis

MARY-ANN MYCEK  (Biomedical Engineering)
with EUISIK YOON
JAMES MICHAEL SCHEIMAN
$427,000  09/29/2014 - 06/30/2016

Imaging 3? phosphoinositides in vivo

JOEL A SWANSON  (Microbiology and Immunology)
with DAWEN CAI
IRINA L GRIGOROVA
$426,875  09/30/2014 - 06/30/2016

Cholinergic Mechanisms of Gait Dysfunction in Parkinson's Disease

WILLIAM TODD DAUER  (Neurology Department)
with CATHERINE A SPINO
IVAYLO D DINOV
KELVIN LIN-YU CHOU
MARTIJN LTM MULLER
MARTIN FRIEDRICH SARTER
NICOLAAS BOHNEN
PRAVEEN DAYALU
ROBERT A KOEPPPE
ROGER L ALBIN
$9,602,296  09/30/2014 - 06/30/2019

MACS: A genetic labeling tool to depict the complete neuroblast lineage of all neurons in individual Drosophila brains

BING YE  (Cell and Developmental Biology)
DAWEN CAI  (Cell and Developmental Biology)
$426,771  09/30/2014 - 08/31/2016

Estimating Causal Association: Internalizing and Alcohol Use Problems

SHERYL L OLSON  (LSA Psychology)
$100,329  01/01/2015 - 12/31/2017

Transitions from Preschool through High School: Family, Schools & Neighborhoods-Administrative Supplement

KATHERINE A MCGONAGLE  (SRC-Psid)
NARAYAN SASTRY  (SRC-Psid)
with PAULA FOMBY
$199,999  09/26/2014 - 07/31/2018
Organoid Culture and Genetic Characterization of Colon Crypts, Adenoma, and Adenocarcinoma

MAX S WICHA  (Univ of Mich Cancer Center)
with DANIELLE KIM TURGEON
JASON SPENCE
$310,728  06/01/2014 - 05/31/2017

The United States Complementary and Alternative Medicine Market

MATTHEW ALLEN DAVIS  (SON-Grants)
with JAMES JIAN YANG
$142,830  08/01/2014 - 07/31/2015

Antipsychotic and Folate Pharmacogenetics - Supplement

VICKI LYNN ELLINGROD  (PHARMACY Clin, Soc & Admin Sci)
with ALLA KARNOVSKY
KATHLEEN A STRINGER
$77,750  05/01/2008 - 06/30/2018

Hirshberg Foundation for Pancreatic Cancer Research

Immunomodulatory Effects of Tumor-Derived Exosomes in Pancreas Cancer

TIMOTHY FRANKEL  (GSA - Veterans Affairs (VAH))
$50,000  11/15/2014 - 11/14/2015

H. Lundbeck A/S

Improving the attentional control of complex movements and reducing fall propensity in PD: Interactions between the effects of donepezil and the 5-HT6 antagonist LU AE58054

MARTIN FRIEDRICH SARTER  (LSA Psychology)
$137,258  10/24/2014 - 10/23/2015

Honda R & D Americas, Inc.

Honda Leadership Circle Membership with MTC

PETER FRANK SWEATMAN  (MI Mobility Transformation Ctr)
$999,999  09/30/2014 - 09/30/2017

Hooper Holmes Health and Wellness

Hooper Holmes 2014-2017 HRA

LOUIS TZE-CHING YEN  (Health Management Research Ctr)
$30,000  08/01/2014 - 07/31/2017

Huawei

Huawei1: Calibration, Coherence, and Interconnect

RONALD DRESLINSKI JR  (EECS - CSE - MUDGE)
with REETUPARNA DAS
TREVOR N MUDGE
$229,874  10/01/2014 - 09/30/2015

Hyundai America Technical Center

High Toughness Extrudable Cellulose Composites

NICHOLAS KOTOV  (Chemical Engineering Dept)
$83,946  09/26/2014 - 01/31/2015
INC Research

A 12-Week, Randomized, Double-Blind, Controlled Evaluation Followed by an Open-Label 12-Week Follow-up Period of the Impact of GeneSight Psychotropic on Response to Psychotropic Treatment in Outpatients Suffering from a Major Depressive Disorder (MDD) and Having Had - Within the Current Episode - an Inadequate Response to at Least One Psychotropic Medication Included in GeneSight Psychotropic

MASOUD KAMALI (Psychiatry Depression Center)
$152,140 09/18/2014 - 02/28/2017

GX29185: A PHASE III, MULTICENTER, RANDOMIZED, DOUBLE-MASKED, SHAM-CONTROLLED STUDY TO ASSESS THE EFFICACY AND SAFETY OF LAMPALIZUMAB ADMINISTERED INTRAVITREALLY TO PATIENTS WITH GEOGRAPHIC ATROPHY SECONDARY TO AGE RELATED MACULAR DEGENERATION

MARK W JOHNSON (Ophthalmology & Visual Science)
with ANJALI RAJESH SHAH
$349,152 09/30/2014 - 09/27/2018

Indiana University

The NCAA-DOD Grand Alliance: Concussion Assessment, Research and Education (CARE)

STEVEN P BROGLIO (School of Kinesiology)
$10,968,812 07/29/2014 - 09/14/2017

Insurance Institute for Highway Safety

Extension: Evaluate the Effect of Repealing the Michigan Motorcycle Helmet Law on Crash-related Fatalities and Injury Outcomes

C RAYMOND BINGHAM (UMTRI-YDBIP)
with CAROL ANN FLANNAGAN
LISA DIANE BUCKLEY
$36,810 11/01/2014 - 07/15/2015

Intelligent Transportation Society

Automotive Analysis Affiliates Program

BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)
$10,000 11/01/2014 - 10/31/2016

InvivoSciences Inc.

The Effects of Myofibroblasts on Electromechanical Function of Model Heart Tissue - year 3

BRIAN E CARLSON (Molec & Integrative Physiology)
$18,518 05/01/2014 - 04/30/2015

Israel, Government of

Development and research of ultra large core 3C fiber for high energy, high brightness pulse generation in pulsed fiber lasers

ALMANTAS GALVANAUSKAS (COE EECS - ECE - USL)
$150,000 10/24/2014 - 10/24/2015

Jet Propulsion Laboratory

Miniature Tether Electrodynamic Experiment

BRIAN E GILCHRIST (Atm, Oceanic & Space Sci.)
$20,000 10/13/2014 - 09/25/2015

PATH/Geostar Risk Mitigation Correlator:GeoSTAR 64x64 ASIC Correlator

CHRISTOPHER S RUF (Space Physics Research Lab)
$50,000 08/01/2014 - 03/01/2015
Frailty and Risk Prediction in Older Adults considering Kidney Transplantation
SILAS P NORMAN (Int Med-Nephrology)
$88,892 05/15/2014 - 04/30/2015

LeMaitre Vascular, Inc.
Surgeon Services Agreement with LeMaitre
THOMAS W WAKEFIELD (Vascular Surgery Section)
$2,500 10/16/2014 - 10/15/2015

Li-Cor, Inc
Next Generation Western for high-throughput and high-content protein analysis
ROBERT T KENNEDY (LSA Chemistry)
$148,977 09/01/2014 - 02/29/2016

Lightning Packs LLC
Re-optimization of ECM design for harvesting electric power from walking
HEATH HOFMANN (COE EECS - ECE - Con)
$9,952 01/01/2014 - 03/31/2015

Lowy Medical Research Institute Limited
A Phase 2 Multicenter Randomized Clinical Trial of Ciliary Neurotrophic Factor (CNTF) for Macular Telangiectasia Type 2 (MacTel)
GRANT M COMER (Ophthalmology & Visual Science)
$10,000 12/13/2013 - 12/13/2015

Lunghwa Trade Company
Dodge consulting agreement with Lunghwa Trade Company
HIROKO DODGE (Neurology Department)
$12,000 09/01/2014 - 12/31/2015

MabVax Therapeutics, Inc
AME #3 to 2010.001: A Randomized, Multicenter, Double-Blind, Phase II Trial of a KLH Conjugated Trivalent Ganglioside Vaccine Containing GM2, GD2 Lactone, and GD3 Lactone with the Immunological Adjuvant OPT-821 versus OPT-821 Alone in Metastatic Sarcoma Patients
RASHMI CHUGH (Int Med-Hematology/Oncology)
$27,200 05/28/2010 - 10/03/2015

Medical Science and Computing, Inc. (MSC)
Dr. Gipson’s consulting agreement with NICHD
DEBBIE GIPSON (Pediatrics-Nephrology)
$36,795 09/13/2014 - 03/31/2015
Medtronic, Inc.

Medtronic Pericardial Surgical Aortic Valve Replacement Pivotal Trial (PERIGON)

HIMANSHU J PATEL (Cardiac Surgery)
with BO YANG
FRANCIS D PAGANI
G MICHAEL DEEB

$299,310 10/03/2014 - 09/30/2020

EP Fellowship 2014

FRANK PELOSI JR (Int Med-Cardiology)

$40,000 07/01/2014 - 06/30/2015

Mellon, Andrew W., Foundation

Mellon Foundation - Furthering UMMA’s Academic Partnerships

JOSEPH G ROSA (Education)

$250,000 10/15/2014 - 09/30/2018

Memorial Sloan-Kettering Cancer Center (MSKCC)

cBio Portal for Stand Up to Cancer

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)

$25,000 05/01/2014 - 04/30/2016

Metro Community Development

Building Neighborhood Capacity Program

MARTIN MARK KAUFMAN (Flint Earth & Resource Science)

$200 09/01/2014 - 10/31/2014

Metro Health Hospital

Peripheral Registry of Endovascular Clinical Outcomes (PRIME Registry)

JAMES B FROEHLICH (Int Med-Cardiology)

$113,166 10/04/2014 - 10/03/2015

Michigan Primary Care Association

FY15 Transformation of Primary Care through Development of an Adolescent Champion Model

ALFREDA RENAE Rooks (CW Adolescent Hlth Initiative)

$178,000 10/01/2014 - 09/30/2015

Michigan, State of, Economic Development Corporation

Fleet Automation Forum: Leveraging Collaboration Among Users, Suppliers, OEMs, and Government Agencies on Connected and Automated Truck Systems

STEVE UNDERWOOD (Dbn Col of Eng-IAVS)

$49,000 08/01/2014 - 01/31/2015

Michigan, State of, Environmental Quality, Department of

Coastal Water Safety Project

JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)

$25,000 10/01/2014 - 12/31/2015
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Principal Investigator(s)</th>
<th>Team Members</th>
<th>Budget</th>
<th>Start Date</th>
<th>End Date</th>
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<td>Michigan, State of, State Police</td>
<td>JESSE D LEWIT (DPSS U of M Police Dept)</td>
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<td>03/01/2013</td>
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<td>2014 Michigan Traffic Crash Facts</td>
<td>CAROL ANN FLANNAGAN (UMTRI-Data Center)</td>
<td>with JONATHAN DAVID RUPP</td>
<td>$350,000</td>
<td>10/01/2014</td>
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<td>WILEY HANSEN (Civil &amp; Environmental Engr)</td>
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<td>10-Axle B-Train Tanker Vehicle Dynamics Computer Simulation Analysis</td>
<td>DAVID J LEBLANC (UMTRI-Engineering Systems)</td>
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<td>10/10/2014</td>
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<td>Monash University</td>
<td>PAUL E DREVNICK (LSA Biological Station)</td>
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<td>PAUL EDWARD MAKIDON (Lab Animal Medicine Unit)</td>
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<td>RONALD M GILGENBACH (Nuclear Eng &amp; Radiological Sci)</td>
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<td>National Jewish Health</td>
<td>MEILAN K HAN (Int Med-Pulm./Critical Care)</td>
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<td>$398,763</td>
<td>08/01/2014</td>
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<td>National Kidney Foundation of Michigan</td>
<td>KENNETH RESNICOW (Hlth Behavior &amp; Hlth Ed Dept)</td>
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<td>Integrating Organ Donation in Evidence Based Programs</td>
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A multi-center, Phase III, randomized trial of reduced intensity (RIC) conditioning and transplantation of double unrelated umbilical cord blood (dUCB) versus HLA-haploidentical related bone marrow (haplo) for patients with hematologic malignancies

JOHN E LEVINE (Pediatrics-Hematology/Oncology)
with DANIEL COURIEL
$40,000 10/01/2014 - 09/30/2016

National Multiple Sclerosis Society

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

BENJAMIN M SEGAL (Neurology Department)
$1,000 10/01/2014 - 09/30/2015

National Renewable Energy Laboratory

Understanding the evolution of customer motivations and adoption barriers in residential photovoltaic markets

ANDREW JOHN HOFFMAN (ROSS SCH Research Support)
$20,000 08/13/2013 - 06/30/2016

National Science Foundation

CAREER: The role of iron and reactive oxygen species in the oxidation and fate of DOM in natural waters

ROSE CORY (LSA Earth & Environmental Sci.)
$595,671 08/01/2014 - 07/31/2019

CAREER: Cost-Effective Application Deployments Spanning Multiple Cloud Services

HARSHA MADHYASTHA (EECS - CSE - SSRL)
$344,901 10/01/2014 - 03/31/2017

New York Blood Center, Inc

TET3 in terminal erythroid differentiation

MARIA FIGUEROA (Pathology Department)
$20,266 04/01/2014 - 03/31/2015

Notre Dame University-Louaize, Lebanon (NDU)

Assessment of Corrosion Resistance of Promising Accident Tolerant Fuel Cladding under Reactor Conditions

GARY S WAS (Nuclear Eng & Radiological Sci)
$400,000 10/01/2014 - 09/30/2017

Novartis

A phase I, multicenter, open-label study of oral ABL001 in patients with chronic myelogenous leukemia or Philadelphia Chromosome-positive acute lymphoblastic leukemia

MARIE NGUYEN (Int Med-Hematology/Oncology)
with MOSHE TALPAZ
$268,857 09/30/2014 - 04/30/2017

A Phase III, multi-center, double-blind, randomized withdrawal study of LCI699 following a 24 week, single-arm, open-label dose titration and treatment period to evaluate the safety and efficacy of LCI699 for the treatment of patients with Cushing’s disease

RICHARD AUCHUS (Metabolism, Endo & Diabetes)
$188,070 09/25/2014 - 12/31/2018
A Multicenter Study of Apheresis Collection of Peripheral Blood Mononuclear Cells (PBMC) in Patients with CD19 Expressing Malignancies Who Could Be Eligible for a CTL019 Clinical Research Trial

JOHN E LEVINE (Pediatrics-Hematology/Oncology) with ROBERTSON D DAVENPORT
$93,280 07/29/2014 - 04/28/2017

Olin College of Engineering
Exploring the Relationship Between Self-Efficacy and Project Based Learning Among Engineering Students

CYNTHIA J FINELLI (CoE Undergraduate Education)
$68,237 10/01/2014 - 09/30/2015

Omnitec Solutions, Inc.
Spatial Data Architecture to Support the National Database of Autism Research

MARIE LYNN MIRANDA (CEHI-Children's Evn Hlth In)
$533,686 10/01/2014 - 06/30/2015

OptumHealth Care Solutions, Inc.
OptumHealth (Health Plans Inc) 12/2015

LOUIS TZE-CHING YEN (Health Management Research Ctr)
$1,500,000 01/01/2015 - 12/31/2015

Oregon Health and Science University
SWOG Network Group Operations Center of the NCTN - subcontract site

ANNE F SCHOTT (Int Med-Hematology/Oncology) with JAMES M RAE
LAURENCE H BAKER
MANUEL VALDIVIESO
$289,680 03/01/2014 - 02/28/2019

SWOG Network Group Operations Center of the NCTN - subcontract site

DANIEL F HAYES (Int Med-Hematology/Oncology)
$15,573 03/01/2014 - 02/28/2019

SWOG - Purchase Service Agreement

MARK M ZALUPSKI (Int Med-Hematology/Oncology)
$650,000 06/01/2013 - 02/28/2019

Ortho-Clinical Diagnostics
Amendment: A performance evaluation of ORTHO VISIONTM Analyzer and ORTHO VISIONTM Max Analyzer using the ID-Micro Typing System? Gel Test?.

ROBERTSON D DAVENPORT (Pathology Department)
$33,800 09/09/2013 - 12/31/2014

Pardee, Elsa U., Foundation
Targeting Tumor Infiltrating Immune Cells as a Therapeutic Strategy in Pancreatic Cancer

MARINA PASCA DI MAGLIANO (GSA - Surgical Oncology (SON)) with YAQING ZHANG
$150,179 10/01/2014 - 09/30/2015
Pharmaceutical Research Associates, Inc.
A Prospective Observational Study for the Long-term Follow-up of Subjects Previously Enrolled in Selected Clinical Studies of CMX001
   DANIEL RICHARD KAUL   (Int Med-Infectious Diseases)
   $42,770   09/12/2014 - 08/25/2017

PneumRx, Inc
LVRC IDE Crossover Study
   STEVEN ELDON GAY   (Int Med-Pulm./Critical Care)
   $316,067   08/28/2014 - 12/01/2019

Portage Pharmaceuticals, Ltd.
Brain inflammation study
   DANIEL ALLEN LAWRENCE   (Int Med-Cardiology)
   $42,576   11/01/2014 - 02/28/2015

PPD, Inc.
A Randomized, Double-Blind, Parallel-Group, Phase 3 Study to Demonstrate Noninferiority in Efficacy and to Assess Safety of CT-P13 Compared to Remicade in Patients With Active Crohn's Disease
   PETER DOYLE HIGGINS   (Int Med-Gastroenterology)
   $293,964   09/24/2014 - 10/05/2017

Krystexxa in Gout - Additional Recruitment 1
   PUJA   KHANNA   (Int Med-Rheumatology)
   $373,888   09/20/2012 - 09/30/2018

PRA Health Sciences
A Randomized, Double-Blind, Parallel-Group, Phase 3 Study of the Safety, Tolerability, and Efficacy of CMX001 for the Prevention of Cytomegalovirus (CMV) Infection in CMV-seropositive (R+) Hematopoietic Stem Cell Transplant Recipients
   DANIEL RICHARD KAUL   (Int Med-Infectious Diseases)
   $59,247   10/17/2013 - 09/30/2014

Procter and Gamble Company
Thixotropic Constitutive Modeling of Complex Fluids
   MICHAEL J SOLOMON   (Chemical Engineering Dept)
   with RONALD G LARSON
   $111,088   10/08/2014 - 10/07/2015

Public Allies
Public Allies Operating Site at UM-Dearborn 2014-2015
   TRACY SMITH HALL   (Office of Metropolitan Impact)
   $374,400   09/01/2014 - 08/31/2015

Purdue University
Advanced Two-Phase Instrumentation: Experimental Support for TRACE Model Development
   ANNALISA   MANERA   (Nuclear Eng & Radiological Sci)
   with MAREK   FLASKA
   VICTOR EVGENYEVICH PETROV
   $646,463   09/12/2014 - 09/11/2016
Quintiles, Inc
Roche WA21093 OL Extension

TIFFANY JOY BRALEY (Neurology Department)
$104,414 08/28/2012 - 10/05/2016

Radiological Society of North America
Quantitative Imaging Biomarkers Alliance (QIBA) Year 2014-2015

PAUL L CARSON (Department of Radiology)
$35,000 09/30/2014 - 09/29/2015

RadioRX
A Phase 2 Randomized, Open-Label Study of RRx-001 vs Regorafenib in Subjects with Metastatic Colorectal Cancer

JOHN C KRAUSS (Int Med-Hematology/Oncology)
$2,000 10/24/2014 - 02/23/2015

Rhizen Pharmaceuticals
Effects of Rhizen isoform-specific PI3K inhibitors on lung fibroblast activation

MARC PETERS-GOLDEN (Int Med-Pulm./Critical Care)
$35,152 10/06/2014 - 10/05/2015

Sage, Russell, Foundation
RSF Special Issue and Conference on Financial Reform

MICHAEL S BARR (Law Research Faculty Activity)
$20,200 05/01/2014 - 01/31/2015

Samsung Group
Aligned conducting polymers with large thermoelectric figure-of-merit for wearable energy harvesting or mobile electronic devices

KEVIN PATRICK PIPE (Mechanical Engineering)
with JINSANG KIM
$100,000 10/01/2014 - 09/30/2015

Schlumberger Foundation
Schlumberger Foundation Faculty for the Future

THEODORE G GOODSON III (LSA Chemistry)
$40,000 10/01/2014 - 09/30/2015

Scientific Forming Technologies Corporation (SFTC)
Integrated Computational Materials Engineering in Multiphysics software

VEERA SUNDARARAGHAVAN (Aerospace Engineering)
$48,000 08/18/2014 - 02/17/2015

Seattle Children’s Hospital
Baby Observational and Nutritional Study (BONUS) 2012-2015

AMY G FILBRUN (Pediatrics-Pulmonary Medicine)
$13,574 02/01/2011 - 04/30/2016

siRNAx, Inc.
External Recharge - siRNAx, Inc. - Michael Simon

WILLIAM CLAY BROWN (Life Sciences Institute-Admin)
$10,000 11/01/2014 - 10/31/2015
Harnessing Naturally-Occurring Data to Study Financial Change of Older Americans
MATTHEW D SHAPIRO (SRC-Hrs)
with DANIEL SUSMAN SILVERMAN
$620,292 11/01/2014 - 10/31/2016

Institute for Research on Innovation and Science (IRIS)
JASON D OWEN-SMITH (SRC-Seh-Price)
$999,785 01/01/2015 - 12/31/2017

Social Security Administration
University of Michigan Retirement Research Center, September 30, 2014 - September 29, 2015
JOHN P LAITNER (SRC - Life-Cycle Economics)
with AMANDA J SONNEGA
BROOKE HELPPIE MCFALL
CHARLES C BROWN
DANIEL SUSMAN SILVERMAN
DMITRIY L STOLYAROV
MATTHEW D SHAPIRO
PAMELA GIUSTINELLI
ROBERT J WILLIS
THOMAS C BUCHMUELLER
$2,051,051 09/30/2013 - 09/29/2018

Society of Family Planning
Stigma and Adolescent Sexual and Reproductive Health in Ghana
KELLI S HALL (Obstetrics and Gynecology Dept)
with VANESSA K DALTON
$120,000 12/01/2014 - 11/30/2015

SRI International
Tandem Beacon Experiment (TBEx): Toward Identifying How Seeding Affects the Day-to-Day Variability of Equatorial Scintillations
JAMES W CUTLER (Aerospace Engineering)
$469,380 09/22/2014 - 09/21/2015

St. Baldrick's Foundation
Immuno-Hematology Comprehensive Program Research Support
JAMES A CONNELLY (Pediatrics-Hematology/Oncology)
KELLY JO WALKOVICH (Pediatrics-Hematology/Oncology)
$50,000 01/01/2015 - 12/31/2015

Stryker Corporation
MDP Student Projects - STRYKER DO-SENT 2015
A HARVEY BELL IV (CoE Multidisciplinary Design)
$15,000 01/01/2015 - 12/31/2015
Mechanism of PARP inhibitor in breast cancer therapy

XIAOCHUN YU (Int Med-Molecular Med&Genetics)
$180,000 11/12/2014 - 11/11/2017

Hats & High Teas for Breast Cancer Awareness

MAX S WICHA (Univ of Mich Cancer Center)
$2,000 09/01/2014 - 10/31/2014

Technische Universitat Munchen (TUM)

International Registry of Aortic Dissection

KIM ALLEN EAGLE (Int Med-Cardiology)
$5,000 11/01/2014 - 10/31/2015

Templeton, John, Foundation

Imprinting in Human Placentas: The Intergenerational Transmission of Health

BEVERLY I STRASSMANN (RCGD-General Research)

with JAMES D CAVALCOLI
SUNDEEP KALANTRY
$1,254,185 09/01/2014 - 08/31/2017

Temple University

Snacking in Young Children: Parental Definitions, Goals and Feeding Practices

JULIE C LUMENG (Center for Human Growth & Dev)
$6,998 06/01/2014 - 05/31/2015

Texas Tech University

Assessment & Management of Stormwater Impacts on Sediment Recontamination

ALLEN BURTON (SNRE CILER)
$254,243 07/24/2014 - 07/24/2017

The Mackinac Technology Company

Visual Effects of Coated Windshields

MICHAEL J FLANNAGAN (UMTRI-Human Factors)

with JOHN M SULLIVAN
$74,195 09/11/2014 - 09/10/2016

The Nacey Maggioncalda Foundation

The development of social bonds in male chimpanzees

JOHN C MITANI (LSA Anthropology)
$3,000 08/01/2014 - 07/31/2015

The National Council for Community Behavioral Healthcare

Program Evaluation for the SBIRT (Screening, Brief Intervention, and Referral to Treatment) project

SUE ANN SAVAS (School of Social Work)
$36,000 09/15/2014 - 08/30/2015

Baltimore Integrated Health Study Evaluation

SUE ANN SAVAS (School of Social Work)
$15,600 10/01/2014 - 11/30/2015
Tides Foundation
School of Information Lecture Series in Entrepreneurship
   NANCY BENOVICH GILBY (School of Information)
   $6,000  07/01/2013 - 12/31/2014

Transportation, Department of-Federal Motor Carrier Safety Administration
Task Order 06 - DTMC75-14-R-00039 / Crash Reporting Research
   JOHN M SULLIVAN (UMTRI-Human Factors)
   with CAROL ANN FLANNAGAN
   LAWRENCE W SCHNEIDER
   PAUL ERIC GREEN
   $234,315  09/30/2014 - 03/29/2016

TRW, Inc.
Azides for Airbags
   RICHARD M LAINE (Materials Science & Engin.)
   $40,000  09/01/2014 - 08/31/2015

Ulsan National Institute of Science and Technology (UNIST)
Multidisciplinary Investigation of Small Molecules That Can Target Misfolded Proteins
   AYYALUSAMY RAMAMOORTHY (LSA Biophysics)
   $84,717  09/01/2014 - 08/31/2017

University of California-San Diego
State-of-the-art High-flux mono-energetic ion sources driven by ultra-intense laser pulses
   KARL MICHAEL KRUSHELNICK (Nuclear Eng & Radiological Sci)
   with ALEXANDER GEORGE ROY THOMAS
   ANATOLY M MAKSIMCHUK
   $131,250  09/15/2014 - 06/14/2015

University of California - San Francisco
AMS04 (Clinical ACE) Treatment of multiple sclerosis with Siponimod
   DAVID A FOX (Int Med-Rheumatology)
   with BENJAMIN M SEGAL
   STEVEN K LUNDY
   $101,479  09/01/2014 - 04/30/2015

University of Chicago
Role of P311 in the development of skin hypertrophic scars
   JAMES VARANI (Pathology Department)
   $31,100  09/01/2014 - 08/31/2015

Chicago Teacher Pathways Project
   MATTHEW STEPHEN RONFELDT (SOE-Educational Studies)
   $23,716  07/01/2014 - 06/30/2015

University of Miami, Florida, The
Development of a HIV prevention toolkit for at-risk HIV negative male couples
   JOSE ARTURO BAUERMEISTER (Hltth Behavior & Hltth Ed Dept)
   $22,058  08/01/2014 - 07/31/2015
University of Nebraska

Nebraska Internship Support Fixed Price Agreement 2014

   BLAKE   LANCASTER   (Child Behavioral Health)
$21,180   09/30/2012 - 09/29/2015

University of Pennsylvania

Regulations of Platelet and Endothelial Cell Function

   DANIEL DURANT MYERS JR   (Vascular Surgery Section)
   with JOSE ANTONIO DIAZ
   PATRICK A LESTER
$113,625   06/15/2014 - 03/31/2015

University of Rochester

Collaborative research in hydrodynamics and radiation hydrodynamics at high energy density

   R PAUL   DRAKE   (Atm, Oceanic & Space Sci.)
$340,141   10/01/2013 - 09/30/2015

University of Utah

Biomarker Phenotyping of Pediatric Sepsis and Multiple Organ Failure (PHENOMS)

   THOMAS PATRICK SHANLEY   (Pediatrics-Intensive Care)
$11,400   12/01/2013 - 11/30/2014

University of Zurich

Structure-Toxicity Relationship of Geneticin Derivatives; Collaboration Between UofM and University of Zurich

   JOCHEN H SCHACHT   (Kresge Hearing Research Inst)
$47,983   09/01/2014 - 11/30/2015
Various Sponsors

Capital One 8/1/14 thru 7/31/2015

JEANNE P MURABITO  (CoE Eng Career Resource Center)
$2,500  08/01/2014 - 07/31/2015

RECHARGE: Microbiome Sequencing

VINCENT BENSAN YOUNG  (Int Med-Infectious Diseases)
$25,800  07/01/2014 - 06/30/2015

Michigan College Advising Corps 2014-2015/LCANs

WILLIAM COLLINS  (Ctr for Educational Outreach)
$60,000  07/01/2014 - 06/30/2015

RECHARGE: Protein ID by LTQ-Oribtrap XL: Non-Federal, Various Sponsors

KOJO SEYS JOHN ELENITOBA-JOHNSON  (Pathology Department)
with VENKATESHA BASRUR
$6,450  07/01/2014 - 06/30/2015

Recharge: Wheelchair Testing

LAWRENCE W SCHNEIDER  (UMTRI-Biosciences)
$16,047  12/12/2012 - 12/12/2014

Recharge: Wheelchair Testing

LAWRENCE W SCHNEIDER  (UMTRI-Biosciences)
$22,150  12/12/2012 - 12/12/2014

Healthy Minds 2015

DANIEL EISENBERG  (Health Management and Policy)
$3,600  09/01/2014 - 08/31/2015

External Recharge - CCG MSites Software - Various Sponsors

MARTHA JANE LARSEN  (Life Sciences Institute-Admin)
$30,000  08/29/2014 - 08/30/2016

Veterans Affairs, Department of

IPA Agreement_Xiaojie Zhang_FY14 Modification

MICHAEL M WANG  (Neurology Department)
$5,943  10/01/2013 - 09/30/2014

IPA agreement with VA for K. Halsey

DAVID F DOLAN  (Kresge Hearing Research Inst)
$2,936  10/01/2014 - 09/30/2015

IPA Seagal Teitz-Tennenbaum

JOHN J OSTERHOLZER  (Int Med-Pulm./Critical Care)
$82,575  10/01/2014 - 09/30/2015

IPA Agreement_Tina Jones_FY15

BENJAMIN M SEGAL  (Neurology Department)
$42,980  10/01/2014 - 09/30/2015

IPA Agreement_Julie Rumble_FY15

JULIE MELISSA RUMBLE  (Neurology Department)
$51,980  10/01/2014 - 09/30/2015
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<td>JEFFREY L CURTIS</td>
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<td>ROMAN GIGER</td>
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<td>STEVEN EDWARD HARTE</td>
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<td>BRADLEY R FOERSTER</td>
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IPA Tiejcheng Liu Oct 2014 to Sept 2015
   JIMO BORJIGIN (Molec & Integrative Physiology)
   $78,576 10/01/2014 - 09/30/2015

   RICHARD M MORTENSEN (Molec & Integrative Physiology)
   $9,696 10/01/2014 - 09/30/2015

IPA Extension Nita Patel
   ISRAEL LIBERZON (Psychiatry-ASAP)
   $108,037 10/01/2014 - 09/30/2015

IPA - Raymond Kwan oct 2014 to sept 2015
   BISHR OMARY (Molec & Integrative Physiology)
   $78,000 10/01/2014 - 09/30/2015

VA IPA Mary Rogers PBM
   SANJAY K SAINT (Int Med-General Medicine)
   $12,950 10/01/2014 - 06/30/2015

VA IPA Michael Green VAPBM
   SANJAY K SAINT (Int Med-General Medicine)
   $9,718 10/01/2014 - 06/30/2015

VA IPA - Rachel Saban FY15
   NEIL BURTON ALEXANDER (IntMed-Geri & Palliative Med.)
   $39,126 10/15/2014 - 09/30/2015

VA IPA - Gabriella Mueller FY15
   NEIL BURTON ALEXANDER (IntMed-Geri & Palliative Med.)
   $41,743 10/15/2014 - 09/30/2015

V Foundation for Cancer Research, The
Nras signaling in hematopoietic stem cells and leukemic stem cells
   QING LI (Int Med-Hematology/Oncology)
   $100,000 11/01/2014 - 10/31/2015

Virginia Polytechnic Institute and State University
Field Study Light Vehicle Crash Avoidance Systems - Phase II
   CAROL ANN FLANNAGAN (UMTRI-Data Center)
   with DAVID J LEBLANC
   $897,985 09/29/2014 - 03/28/2015

MOD-02 Human Factors Research on Seat Belt Interlocks, MAP-21
   SHAN BAO (UMTRI-Human Factors)
   with DAVID J LEBLANC
   $45,166 09/26/2013 - 03/25/2016

Washington Center for Equitable Growth
Financial Innovation to Reduce Inequality and Promote Equitable Growth
   MICHAEL S BARR (Law Research Faculty Activity)
   $20,000 07/01/2014 - 06/15/2015
Washtenaw, County of

**Senior Nutrition Program Washtenaw County - TSWP**

- DARLENE KNAPP RACZ (UMH Turner Sr Wellness Program)
  - $4,800  10/01/2014 - 09/30/2015

**Amended Service Contract for Increased Funding**

- ALFREDA RENAE ROOKS (UMH AA Meals on Wheels - Gifts)
  - $38,000  10/01/2013 - 09/30/2014

**Contract with Washtenaw Sr. Nutrition for FFY 2015 - Extention to service agreement from October 1, 2013**

- ALFREDA RENAE ROOKS (UMH AA Meals on Wheels - Gifts)
  - $38,000  10/01/2013 - 09/30/2014

**Wayne County Regional Education Services Agency**

**Great Start Readiness Program 2014-15**

- SEONG BOCK HONG (Dbn CEHHS-Early Child Educ)
  - $213,150  10/01/2014 - 09/30/2015

**Yale University**

*Fyn Inhibition by AZD0530 for Alzheimer's Disease*

- ROBERT A KOEPPE (Department of Radiology)
  - $46,650  08/01/2014 - 05/31/2015

**ZoneOne Pharma, Inc.**

*Development of a Liposome Doxorubicin Product Drug Release Assay*

- ANNA A S SCHWENDEMAN (PHARMACY Medicinal Chemistry)
  - $84,082  09/01/2014 - 08/31/2015