

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
July 1, 2011 through June 30, 2012

The awards detailed in this list were established July 1, 2011 through June 30, 2012. The dollar values depict the best available estimate of the funding the University should receive over the life of the award. These values may be modified as additional data become available relative to future funding prospects. These modifications are not reported in the attached list. As a result, the dollar values of awards presented in this list will differ from the year-end totals. The full amount of an award is recorded in the year in which it was established. Often these funds are expended over several years, making comparisons between awards and expenditures somewhat misleading. Research expenditures are presented here to provide a trend line for the current fiscal year.

	Number of Awards FY 2011	Number of Awards FY 2012	% Change	Value of Awards FY 2011	Value of Awards FY 2012	% Change
Total Awards Processed (June)	218	262	20.2%	\$ 42,739,914	\$ 95,136,126	122.6%
Research Awards	164	173	5.5%	\$ 39,577,582	\$ 84,324,075	113.1%
Research Training	10	23	130.0%	\$ 592,758	\$ 6,092,655	927.8%
Other Sponsored Activity	44	66	50.0%	\$ 2,569,574	\$ 4,719,396	83.7%
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Total Awards Processed Fiscal Year to Date	2,633	2,909	10.5%	\$ 1,102,778,257	\$ 1,065,368,139	-3.4%
Research Awards	1,885	1,980	5.0%	\$ 1,003,503,013	\$ 950,203,360	-5.3%
Research Training	130	156	20.0%	\$ 28,620,959	\$ 45,250,160	58.1%
Other Sponsored Activity	618	773	25.1%	\$ 70,654,285	\$ 69,914,619	-1.0%

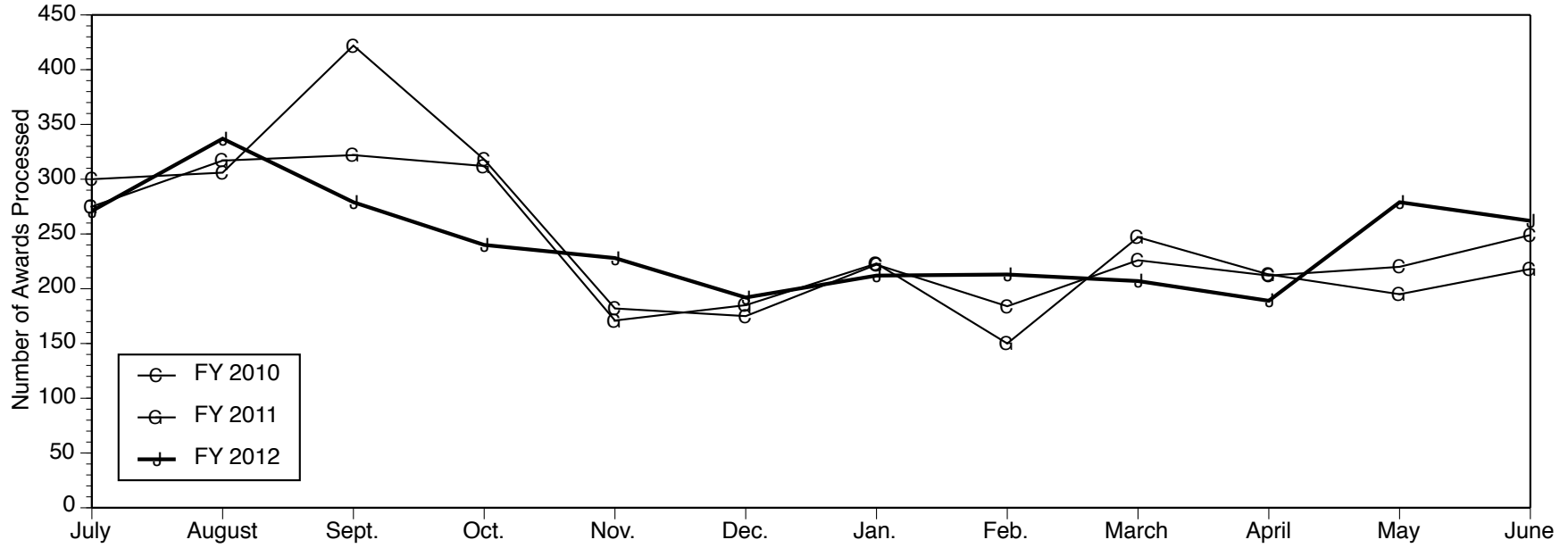
The number of total awards processed and their corresponding dollar value in June continued their upward growth from May, however it was not sufficient to result in a year-to-date increase over the previous fiscal year. June 2012 includes a large award totaling \$25.5 million. There were 18 awards valued over \$1.0 million totaling \$64.8 million. The largest award in June 2011 was \$3.2 million with 8 awards over \$1.0 million for a total of \$14.8 million.

----- RESEARCH EXPENDITURES -----

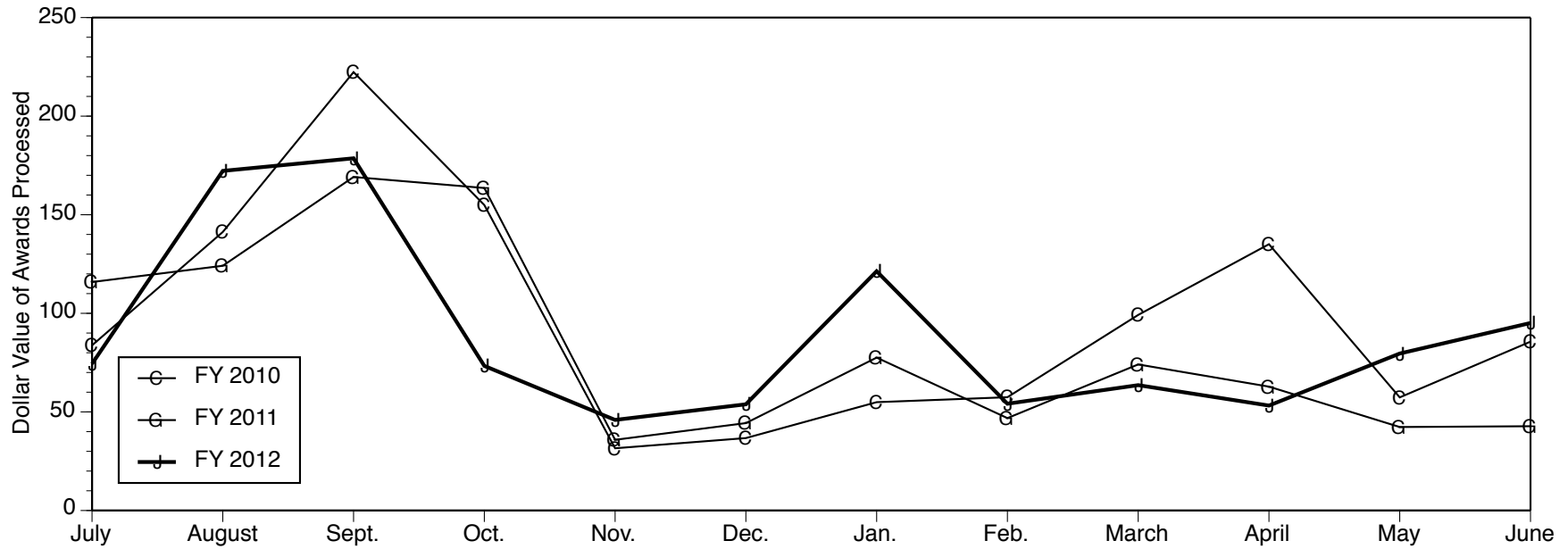
	Federal Expendable Restricted	Other Funds	Total Expenditures
May 2012	\$ 719,043,702	\$ 408,267,845	\$ 1,127,311,547
May 2011	\$ 739,327,470	\$ 358,647,207	\$ 1,097,974,677
Percent Change	-2.7%	13.8%	2.7%

Source: Office of Research and Sponsored Projects

**Number of Awards Processed**



**Dollar Value of Awards Processed**



Data Source: Office of Research and Sponsored Projects

# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

June 01, 2012 through June 30, 2012

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.

## **3D Biomatrix, Inc.**

*Recharge - 3D Biomatrix - Center for Chemical Genomics*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$2,455 09/11/2011 - 12/31/2012

## **ACTOncology**

*UMCC 2012.016 - Carfilzomib Multiple Myeloma Expanded Access Protocol for Patients with Relapsed and Refractory Disease*

MOSHE TALPAZ (Int Med-Hematology/Oncology)

\$418,523 06/07/2012 - 06/30/2017

## **Air Products and Chemicals, Inc.**

*Selective Catalytic Reduction of Nitric Oxide*

RALPH T YANG (Chemical Engineering Dept)

\$90,000 06/01/2012 - 05/31/2013

## **Alliance for Academic Internal Medicine (AAIM)**

*Influence of Female Role Models on Women's Choices of Medical Specialties*

RESHMA JAGSI (Radiation Oncology - Ann Arbor)

\$34,000 04/01/2012 - 03/31/2013

## **American Academy of Neurology**

*Postural Instability and Gait Difficulty is Associated with Cholinergic Denervation and Increased Non-Motor Features of Parkinson disease*

ROGER L ALBIN (Neurology Department)

\$130,000 07/01/2012 - 06/30/2014

## **American Academy of Otolaryngology - Head & Neck Surgery Foundation, Inc.**

*Rhinosinusitis: Variations in Care and Opportunities for Improvement*

MELISSA ANN PYNNONEN (LaRGO)

\$40,000 08/01/2012 - 07/31/2014

## **American Association of Orthodontists Foundation**

*Role of *orai1* in osteoblast differentiation and function*

JEANNE M NERVINA (DENT Ortho/Peds Dentistry)

\$25,000 07/01/2012 - 06/30/2013

## **American Council of Learned Societies**

*ACLS Fellowship*

VICTOR CASTON (LSA Philosophy)

\$65,000 09/01/2012 - 05/31/2013

**American Health Assistance Foundation**

*Chemical Approaches to Reducing Tau Levels*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$150,000 07/01/2012 - 06/30/2014

**American Heart Association, Inc.**

*Development of GRK2 selective inhibitors for the treatment of heart disease*

JOHN J G TESMER (Life Sciences Institute-Admin)

\$90,772 07/01/2012 - 06/30/2014

*Identification and validation of thrombosis modifier genes discovered through whole genome ENU mutagenesis in mice*

RANDAL JOSEPH WESTRICK (Life Sciences Institute-Admin)

\$308,000 07/01/2012 - 06/30/2016

*Chemical Tools and Tactics to Study the Role of Metal-Misfolded Proteins in Neurological Disorders after a Stroke*

MI HEE LIM (Life Sciences Institute-Admin)

\$214,500 07/01/2012 - 06/30/2015

**American Heart Association, Midwest Affiliate**

*LSD1 Inhibitor as a Novel Therapeutic Agent for Sickle Cell Disease*

JAMES DOUGLAS ENGEL (Cell and Developmental Biology)

\$48,428 07/01/2012 - 06/30/2013

*Elevated Fatty Acids Remodel Atrial Electrophysiology and Calcium Homeostasis*

JUSTUS MUKOLU ANUMONWO (Int Med-Cardiology)

\$52,000 07/01/2012 - 06/30/2014

*Regulation and function of mTORC1 by GSK3-mediated raptor phosphorylation*

DIANE C FINGAR (Cell and Developmental Biology)

\$90,772 07/01/2012 - 06/30/2014

*Cumulative Effects of BMI on Cardiovascular Risk*

JOYCE M LEE (Pediatrics-Endocrinology)

with KIM ALLEN EAGLE

\$110,000 07/01/2012 - 06/30/2014

*A Parent-Targeted Obesity Intervention for Children Attending Head Start*

BETHANY JANE SALLINEN (Child Behavioral Health)

with NIKO KACIROTI

\$143,000 07/01/2012 - 06/30/2014

*Leukocyte Phenotype, Mineralocorticoid Receptor and Stroke*

RICHARD M MORTENSEN (Molec & Integrative Physiology)

\$143,000 07/01/2012 - 06/30/2014

*Molecular interplay between Nav1.5 and Kir2.1 in cardiac loss-of-function SCN5A mutations.*

JOSE JALIFE (Int Med-Cardiology)

\$85,972 07/01/2012 - 06/30/2014

*Mechanism of damage-induced dysferlin repair-vesicle patch formation in adult cardiomyocytes*

DANIEL EUGENE MICHELE (Molec & Integrative Physiology)

\$52,000 07/01/2012 - 06/30/2014

*Investigating the Cis-regulatory architecture of a TCF binding motif important in Wnt/beta-catenin signaling*

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

\$52,000 07/01/2012 - 06/30/2014

**American Lung Association**

*Financial burden and cost communication in the care of African American women with asthma*

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)

\$21,000 04/01/2012 - 06/30/2013

**American Society of Nephrology, The (ASN)**

*Functional characterization of the novel FSGS-causing genes ARHGDI1 and MED28.*

FRIEDHELM HILDEBRANDT (Pediatrics-Nephrology)

\$100,000 07/01/2012 - 06/30/2014

*Zebrafish Model of Steroid-Sensitive Nephrotic Syndrome*

WEIBIN ZHOU (Pediatrics-Nephrology)

\$200,000 07/01/2012 - 06/30/2014

**Amgen, Inc.**

*Sclerostin Antibody Releasing Scaffolds for Bone Regeneration*

PETER X MA (DENT Bio & Materials Science)

\$200,339 05/25/2012 - 05/24/2014

**Aramco Services Company**

*Development of a Smart System for Hydraulic Fractures Illumination*

YOGESH B GIANCHANDANI (COE EECS - ECE - SSEL)

with KAMAL SARABANDI

\$380,000 08/01/2012 - 07/31/2013

**Arbor Research Collaborative For Health**

*Dialysis Outcomes and Practice Patterns Study (DOPPS)*

YUN LI (Biostatistics Department)

with ANANDA SEN

BRENDA WILSON GILLESPIE

DOUGLAS E SCHAUBEL

PANDURANGA S RAO

RAJIV SARAN

\$249,693 01/01/2012 - 12/31/2012

**Association of American Cancer Institutes (AACI)**

*Deregulated RIP1 protein modifications in B-lymphomagenesis*

LINDA M MCALLISTER-LUCAS (Pediatrics-Hematology/Oncology)

\$50,000 07/01/2012 - 06/30/2013

**Atomic Energy of Canada Limited (AECL)**

*High Dose Proton Irradiation of Ni alloys*

GARY S WAS (Nuclear Eng & Radiological Sci)

\$136,813 05/23/2012 - 04/22/2013

**Battelle Memorial Institute**

*RECHARGE Battelle Memorial Institute Lurie Nanofabrication Facility 2011/2012*

EUSIK YOON (COE EECS - ECE - SSEL)

\$11,938 06/04/2012 - 06/10/2012

*Development and Initiation of a Comprehensive Electron and Laser-Materials Interaction Modeling Program for the DTEM/UTEM*

BEN TORRALVA (Atm, Oceanic & Space Sci.)

\$40,745 05/07/2012 - 09/30/2012

**Battle Creek Community Foundation**

*Michigan College Advising Corps 2012-2013-Battle Creek*

WILLIAM COLLINS (Ctr for Educational Outreach)

\$15,000 04/30/2012 - 04/30/2013

**Boeing Company, The**

*Systems Engineering Support for Boeing's Solar Electric Propulsion (SEP) Demo Study*

ALEC D GALLIMORE (Aerospace Engineering)

\$10,000 07/01/2012 - 10/31/2012

*Structural Technologies Development, Year Two - Tasks 4-6-9*

ANTHONY M WAAS (Aerospace Engineering)

\$322,500 01/01/2012 - 12/31/2012

**Brigham and Women's Hospital**

*Master Agreement- ACOSOG*

MICHAEL S SABEL (GSA - Surgical Oncology (SON))

\$1 12/01/2011 - 11/30/2016

**Bristol-Myers Squibb Company**

*Carbon-11 PET Ligand Tracer Development*

MICHAEL R KILBOURN (Department of Radiology)

\$44,500 06/07/2012 - 06/06/2013

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

*Hypothermias Impact on Pharmacology*

FRANK W MOLER (Pediatrics-Intensive Care)

\$18,443 04/01/2012 - 03/31/2013

**Commerce, Department of-National Oceanic and Atmospheric Administration**

*Michigan Sea Grant: MI-1 Great Lakes Education (Ship Time 2012)*

JENNIFER READ (SNRE Michigan Sea Grant)

\$46,000 07/01/2012 - 06/30/2013

*Minibus FY2012/2013 Initiatives*

JENNIFER READ (SNRE Michigan Sea Grant)

\$76,174 02/01/2012 - 03/31/2013

**Commonwealth Fund**

*Assessing the Impact of the Medicare Advantage Bid System: Market Structure, Plan Payment and Enrollment in Medicare Advantage Plans*

LAUREN HERSCH NICHOLAS (SRC-Hrs)

\$29,501 08/01/2012 - 07/31/2013

**Constellation Energy**

*Treating Food Waste in the Classroom with Worms*

DAVID J SUSKO (Dbn Environ Interpretive Ctr)

\$5,000 05/01/2012 - 04/30/2013

**Cornell University**

*National Nanotechnology Infrastructure Network-YR 4-(6 months-1st half) 2012 Renewal*

KHALIL NAJAFI (COE EECS - ECE - SSEL)

with FRED LEWIS TERRY JR

\$673,500 03/01/2012 - 08/31/2012



**Crim Fitness Foundation**

*The University of Michigan-Flint Bicycle Box Installation Event*

GREG RYBARCZYK (Flint Earth & Resource Science)

\$1,000 05/01/2012 - 11/01/2012

**Crown Equipment**

*Crown Equipment Health Management Program*

DEE W EDINGTON (Health Management Research Ctr)

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$45,000 08/01/2012 - 07/31/2015

**Cystic Fibrosis Foundation**

*Burkholderia cepacia Research Laboratory & Repository (2012-2013)*

JOHN JOSEPH LIPUMA (Pediatrics-Infectious Diseases)

\$379,949 03/01/2012 - 02/28/2013

*Cystic Fibrosis Foundation Data Safety Monitoring Board*

RICHARD H SIMON (Int Med-Pulm./Critical Care)

\$28,864 07/01/2012 - 06/30/2013

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

*AFOSR Young Investigator Program:Understanding intense laser interactions with solid density plasma*

ALEXANDER GEORGE ROY THOMAS (Nuclear Eng & Radiological Sci)

\$373,603 09/01/2012 - 08/31/2015

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

*Effect of Physical Forces on the Metastatic Bone Microenvironment*

EVAN T KELLER (Urology)

\$116,052 09/01/2012 - 08/31/2014

*Fundamental Properties and Capabilities of Plasmonic Antennas for Efficient Interaction with Nanoelectronics*

MONA JARRAHI (COE EECS - ECE - Rad)

\$47,207 07/01/2012 - 06/30/2013

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

*Acquisition of a Hybrid Energy Storage System for Advanced Electric Drive Hardware-in-the-Loop Facility*

JING SUN (Naval Arch & Marine Dept)

\$156,849 05/15/2012 - 05/14/2013

*Instrumentation cell for a cyber-enabled integrated digital manufacturing (Ce-iDigiMan) system*

JYOTIRMOY MAZUMDER (Mechanical Engineering)

\$136,350 06/15/2012 - 06/14/2013

*Understanding and Predicting Cavitation Erosion using High-Fidelity Numerical Simulations*

ERIC JOHNSEN (Mechanical Engineering)

\$401,223 04/10/2012 - 03/31/2015

*Analysis and Optimization of 3-D Supercavitating Hydrofoils*

YIN LU YOUNG (Naval Arch & Marine Dept)

\$24,992 06/01/2012 - 05/31/2013

**Delmas, Gladys Kriebel, Foundation**

*Cataloging Tinder Photograph Collection*

JONATHAN KEVIN GRAFFAGNINO (Clements Library)

\$5,000 05/01/2012 - 05/31/2013

**Delphi Holding, LLP**

*Evaluation of Driver State Monitoring and Active HMI Features*

PAUL A GREEN (UMTRI-Driver Interface)

\$299,403 05/01/2012 - 06/30/2013

**Duke, Doris, Charitable Foundation**

*GENETIC EPIDEMIOLOGY STUDIES OF NONALCOHOLIC FATTY LIVER DISEASE IN DIVERSE ANCESTRIES*

ELIZABETH SPELIOTES (Int Med-Gastroenterology)

\$486,000 07/01/2012 - 06/30/2015

**Duke University**

*Exenatide Study of Cardiovascular Event Lowering Trial (EXSCEL)*

ELIF A ORAL (Metabolism, Endo & Diabetes)

\$60,750 06/01/2012 - 10/18/2017

**Dynax Corporation**

*Impact of Groove Characteristics on Squeeze Film Flow*

NIKOLAOS D KATOPODES (Civil & Environmental Engr)

\$30,000 09/01/2012 - 08/31/2015

**Echelon Biosciences, Inc (EBI)**

*New Approach to Phospholipidosis Prediction*

JAMES ALAN SHAYMAN (Int Med-Nephrology)

with AKIRA ABE

\$33,000 09/01/2011 - 02/29/2012

**Energy, Department of**

*Plasma Panel Sensors for High Energy Physics*

DANIEL S LEVIN (LSA Physics)

with J WEHRLEY CHAPMAN

\$540,000 05/01/2012 - 04/30/2015

*Search for New Physics and Upgrade of the Muon Spectrometer at ATLAS*

JUNJIE ZHU (LSA Physics)

\$170,000 07/01/2012 - 06/30/2013

*Actinide Sorption and Reduction on sulfides, oxides, and clay minerals*

UDO BECKER (LSA Earth & Environmental Sci.)

with RODNEY C EWING

\$100,000 07/01/2006 - 06/30/2013

*Quantifying the Speculative Component in the Real Price of Oil*

LUTZ KILIAN (LSA Economics)

\$85,000 06/01/2012 - 08/31/2013

**Essen BioScience, Inc.**

*Recharge - Essen BioScience, Inc. - CCG*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$966 03/20/2012 - 01/31/2013

**Fairbanks Public School System**

*Fairbanks Public School System*

DEE W EDINGTON (Health Management Research Ctr)

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$25,000 01/01/2012 - 12/31/2012

**Fenton, City of**

*Occupancy Rate Improvement Strategy and Implementation Marketing Plan Development*

LAWRENCE ALYN MOLNAR (IRLEE)

\$20,000 06/01/2012 - 09/30/2012

**Ford Foundation**

*Reforming the Traditional School Schedule: The Detroit School of Arts DPS U-M Partnership School Project*

ELIZABETH B MOJE (SOE-Educational Studies)

with ANGELA S KREBS

MARGARET M RATHOUZ

MICHAEL SHELLY

NESRIN CENGIZ-PHILLIPS

RHETA RUBENSTEIN

\$300,000 03/01/2012 - 02/28/2014

**Ford Motor Company***Ford UM Alliance: Identifying Non-Conformant OpenXC Modules*

BRIAN D NOBLE (COE EECS - CSE - SSRL)

with JASON NELSON FLINN

\$179,707 04/01/2012 - 08/31/2014

*Predictive Model for Local Mechanical Properties to Improve the Resistance Spot Welding (RSW) of Aluminum Sheets and Aluminum Joint Durability CAE*

JOHN EDMOND ALLISON (Materials Science &amp; Engin.)

\$90,000 04/01/2012 - 03/31/2013

*Modeling of Crankshaft Rolling Processes for High Power Density Fuel Efficient Engines*

JWO PAN (Mechanical Engineering)

\$80,086 04/01/2012 - 08/31/2014

*Visual Localization using Map-Derived Priors*

RYAN M EUSTICE (Naval Arch &amp; Marine Dept)

\$63,441 05/01/2012 - 04/30/2013

*Characterization of Metallic Materials*

KAI SUN (Materials Science &amp; Engin.)

\$20,301 04/01/2012 - 12/31/2012

*Characterization of Automotive Exhaust Gas Sensor Deactivation Mechanisms*

JOHANNES W SCHWANK (Chemical Engineering Dept)

\$140,000 04/15/2012 - 04/14/2014

*EGR Cooler Fouling - Deposit Properties and Control - YEAR 3 N012217/399458*

JOHN W HOARD (Mechanical Engineering)

\$200,462 04/01/2012 - 08/31/2013

*Supplemental Squeeze Film Flow*

NIKOLAOS D KATOPODES (Civil &amp; Environmental Engr)

\$3,300 09/01/2012 - 08/31/2013

**General Motors Company***Fatigue Characteristics for MIG Weld Joints of Aluminum Alloys*

HONG-TAE KANG (Dbn Coll of Eng-Mechanical Eng)

\$53,500 06/07/2012 - 06/06/2013

**General Motors Corporation***General Motors Exec Health*

DEE W EDINGTON (Health Management Research Ctr)

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$2,800 04/01/2012 - 06/30/2012

**Greater Flint Arts Council***Dance in Schools*

ELIZABETH M KATTNER-ULRICH (Flint Theatre and Dance)

\$4,300 07/01/2012 - 11/30/2012

**Great Lakes Observing System (GLOS)**

*GLOS Enhanced Tributary Monitoring to Support AOCs and LaMPs*

THOMAS H JOHNGEN (SNRE CILER)

\$40,000 09/01/2010 - 11/30/2012

**Health and Benefit Systems**

*Health and Benefit Systems LLS Health and Wellness, web HRA only*

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$25,000 05/01/2012 - 04/30/2015

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

*Understanding variation in treatment intensity of poor prognosis cancers*

SANDRA LYNN WONG (GSA - Surgical Oncology (SON))

\$681,860 07/01/2012 - 06/30/2017

*Understanding Hospital Efficiency for Inpatient Medical Care*

LAURENCE F MCMAHON JR (Int Med-General Medicine)

\$599,886 07/01/2012 - 06/30/2016

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

*Genetic Analysis of FAK kinase and scaffold functions in breast cancer*

JUN-LIN GUAN (Int Med-Molecular Med&Genetics)

\$1,613,315 06/01/2012 - 03/31/2017

*Disability, Time Use, and Wellbeing Among Older Adults*

VICKI A FREEDMAN (SRC-Psid)

with FRANK P STAFFORD

KATHERINE A MCGONAGLE

NORBERT SCHWARZ

\$3,028,540 05/15/2012 - 04/30/2017

*Stress Biomarkers: Attaching Biological Meaning to Field Friendly Salivary Measures*

JAMES L ABELSON (Psychiatry-ASAP)

with ANA V DIEZ ROUX

ANTHONY P KING

BRISA N SANCHEZ

ISRAEL LIBERZON

\$2,595,786 07/01/2012 - 06/30/2017

*Exploring the Feasibility of Computational Markers to Predict Atrial Fibrillation Following Cardiac Surgery*

JAMES M BLUM (Anesthesiology Department)

ZEESHAN HASSAN SYED (Anesthesiology Department)

with RAKESH LATCHAMSETTY

\$352,363 06/06/2012 - 06/05/2014

*Emergency Contraception to Prevent Pregnancy: Missed Opportunities for Care*

JULIA SCHWARTZ S SENG (SON-Grants)

\$71,704 09/01/2012 - 08/31/2014

*Prenatal and Childhood Exposure to Fluoride and Neurodevelopment*

HOWARD HU (Environmental Health Sciences)

with BRISA N SANCHEZ

KAREN EILEEN PETERSON

NILADRI BASU

\$2,515,972 06/01/2012 - 02/28/2017

*Training in basic and translational digestive sciences*

BISHR OMARY (Int Med-Gastroenterology)  
CHUNG OWYANG (Int Med-Gastroenterology)

with LINDA C SAMUELSON

\$1,465,079 07/01/2012 - 06/30/2017

*Activation of androgen biosynthesis and drug metabolism by cytochrome b5*

RICHARD AUCHUS (Metabolism, Endo & Diabetes)

with HWEI-MING PENG

\$248,087 09/30/2009 - 08/31/2012

*Characterization of Portal Vein Glucose Sensor Responsible for Satiety Control*

CHUNG OWYANG (Int Med-Gastroenterology)

with GINTAUTAS GRABAUSKAS

ROBERT C THOMPSON

SHI-YI ZHOU

\$1,352,852 05/01/2012 - 04/30/2016

*Training Grant in Molecular and Translational Hematology*

JAMES L FERRARA (Pediatrics-Hematology/Oncology)

\$1,950,005 07/01/1986 - 06/30/2017

*Role of Sweet Taste Receptors in Adipocyte Differentiation and Metabolism*

ORMOND A MACDOUGALD (Molec & Integrative Physiology)

\$1,300,040 06/01/2012 - 03/31/2016

*Molecular mechanisms of the synaptic organizer alpha-neurexin*

GABRIELLE RUDENKO (Life Sciences Institute-Admin)

\$1,938,267 07/01/2012 - 06/30/2017

*Discovering Tailoring Variables in Childhood Mental Health Treatment Research*

DANIEL ALMIRALL (SRC-Quantitative Methods)

\$169,673 07/01/2012 - 04/30/2014

*Mechanism of thrombolytic tPA induced intracerebral hemorrhage after stroke*

DANIEL ALLEN LAWRENCE (Int Med-Cardiology)

with ENMING JOSEPH SU

\$1,700,780 07/01/2012 - 04/30/2017

*Active and Nonlinear Models for Cochlear Mechanics*

KARL GROSH (Mechanical Engineering)

\$1,225,581 06/14/2012 - 05/31/2017

*Using BMSC-derived Bone-Ligament-Bone Tissue as a Live Template for ACL Regeneration In Vivo*

DENEEN MARIE WELLIK (Int Med-Molecular Med&Genetics)

with ELLEN M ARRUDA

LISA M LARKIN

\$384,863 07/01/2012 - 06/30/2014

*Striatal Microcircuits: Regulation and Function*

JOSHUA DAMIEN BERKE (LSA Psychology)

\$2,403,666 06/15/2012 - 05/31/2017

*Protein fate in neurodegeneration: Investigations of novel regulatory mechanisms*

HENRY L PAULSON (Neurology Department)

\$197,358 07/01/2012 - 06/30/2014

*Monitoring the Future: Drug Use and Lifestyles of American Youth*

LLOYD D JOHNSTON (Youth & Social Issues)

with JERALD G BACHMAN  
JOHN E SCHULENBERG  
MEGAN E PATRICK  
PATRICK M O'MALLEY  
STEVEN G HEERINGA

\$25,468,165 08/01/2012 - 04/30/2017

*Monitoring the Future: A Cohort-Sequential Panel Study of Drug Use, Ages 19-55*

LLOYD D JOHNSTON (Youth & Social Issues)

with JOHN E SCHULENBERG  
MEGAN E PATRICK  
MICK P COUPER  
PATRICK M O'MALLEY

\$9,898,286 08/01/2012 - 04/30/2017

*Targeting host deubiquitinases for broad spectrum anti-infective therapy*

CHRISTIANE E WOBUS (Microbiology and Immunology)  
MARY X D O'RIORDAN (Microbiology and Immunology)

with DUXIN SUN  
HOLLIS D SHOWALTER  
NICHOLAS J DONATO

\$422,571 07/01/2012 - 06/30/2014

*Cooperative Multicenter Reproductive Medicine Network*

GREGORY M CHRISTMAN (Obstetrics and Gynecology Dept)

with DANA ALAN OHL

\$231,234 08/01/2011 - 07/31/2013

*Cochlear Implants in Reinnervated Ears*

YEHOASH RAPHAEL (Kresge Hearing Research Inst)

\$49,315 09/01/2012 - 05/31/2015

*The role of Tristetraprolin in head and neck cancer*

NISHA J D'SILVA (DENT Oral Med/Path/Oncology)

\$3,051 06/01/2012 - 08/16/2012

*Functional Genetics Of the Neuronal Sodium Channel Gene SCN8A*

MIRIAM H MEISLER (Human Genetics Department)

\$24,812 06/01/2011 - 12/31/2012

*Extension of IPA for Austra Liepa 2012*

DEBRA A THOMPSON (Ophthalmology & Visual Science)

\$2,295 05/01/2012 - 12/31/2012

**Hemophilia Foundation of Michigan**

*2012-2013 Maternal and Child Health Bureau (MCHB) Grant Contract*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$26,000 06/01/2012 - 05/31/2013

**HyroQual, Inc**

*Feasibility Study for Operational Regional Coastal Ecosystem Management Models*

DONALD SCAVIA (Graham Environ. Sustain. Inst.)

\$69,635 09/09/2011 - 09/30/2014

**Hyundai Motor Company and Kia Motors Corporation**

*Usability Evaluation of the Hyundai-Kia/Mobis Gen 4 Driver Interface*

PAUL A GREEN (UMTRI-Driver Interface)

\$160,000 05/01/2012 - 04/30/2013

**ICON Clinical Research, Inc.**

*A MULTICENTRE, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP STUDY OF ORAL CP-690,550 AS A MAINTENANCE THERAPY IN SUBJECTS WITH ULCERATIVE COLITIS*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$168,774 05/24/2012 - 05/23/2016

*A MULTICENTRE, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP STUDY OF ORAL CP-690,550 AS AN INDUCTION THERAPY IN SUBJECTS WITH MODERATE TO SEVERE ULCERATIVE COLITIS*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$111,410 05/01/2012 - 04/30/2014

*A Multi-Center, Open-Label, Study of CP-690,550 In Subjects With Moderate To Severe Ulcerative Colitis*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$258,301 06/07/2012 - 06/06/2017

**INC Research**

*2011.124: A Randomized Phase 2 Non-Comparative Study of the Efficacy of PF-04691502 and PF-05212384 in Patients With Recurrent Endometrial Cancer*

RONALD J BUCKANOVICH (Int Med-Hematology/Oncology)

\$243,429 04/16/2012 - 04/15/2017

**Incyte Pharmaceuticals, Inc.**

*Genomic Correlative Analysis For PI3K Delta Inhibitor From Incyte (INCB40093) Tested In Lymphoid Malignancies*

SAMI MALEK (Int Med-Hematology/Oncology)

\$676,835 06/18/2012 - 06/17/2015

**Institute of Nutrition of Central American and Panama (INCAP)**

*Strengthening Capacity for the Prevention of Chronic Disease in Mesoamerica and the Dominican Republic*

EDUARDO VILLAMOR (Epidemiology Department)

\$8,075 09/01/2011 - 08/31/2012

**International Society for Infectious Diseases (ISID)**

*Leukotriene Signaling and Immunoregulation in Postpartum Streptococcus Infection*

DAVID ARONOFF (Int Med-Infectious Diseases)

\$7,500 07/01/2012 - 09/30/2012

**Janssen Pharmaceutica, Inc.**

*Custom Affymetrix GeneChip probe set annotation*

FAN MENG (Molecular & Behav Neurosc Inst)

\$33,850 05/24/2012 - 01/24/2013

*Funding for trainees to present data at the Fall 2012 American College of Rheumatology Meeting*

ALISA E KOCH (Int Med-Rheumatology)

\$1,500 11/09/2012 - 11/14/2012



### **Jet Propulsion Laboratory**

*"Hot Water in Hot Cores", "A Sensitive Search for OH and H2O in the Cold Outer Layers of Planet-Forming Disk", "HIFI Observations of the C18O and C17O J = 5-4 to 15-14 Transitions in Hot Cores: A Direct Method to Obtain Total Column Densities", "The Herschel/HIFI Insight on the CH+ Puzzle in the Diffuse Medium", "A HIFI Study to Determine Whether or not Ammonia Truly Traces the Densest Regions of Molecular Hot Cores", "SPIRE-FTS Observations of a Diverse Sample of Protostars and their Surroundings", "A Deep HIFI Search for Cold Para-Water Vapor in Three Protoplanetary Disks", "Spatial Distribution of HF Emission in Photon-Dominated Regions", "Characterizing the Energetics of the Youngest Protostars: PACS Spectroscopy of Herschel-Identified Extreme Class 0 Objects in Orion?", "HIFI and SPIRE Spectroscopy of HOPS 87: A Bright Water-Rich Protostar without an Outflow"*

EDWIN ANTHONY BERGIN (LSA Astronomy)

\$100,000 04/04/2012 - 06/30/2013

### **Johnson, Robert Wood, Foundation**

*The Clinical and Economic Impact of an Innovative "Clinically Nuanced" Benefit Design for Connecticut State Employees*

RICHARD A HIRTH (Health Management and Policy)

with A MARK FENDRICK

\$199,087 07/01/2012 - 06/30/2014

### *Scholars in Health Policy Research Program*

EDWARD COLBURN NORTON (Health Management and Policy)

with DANIEL SUSMAN SILVERMAN

HELEN G LEVY

JENNIFER S BARBER

RICHARD L HALL

SHOOU-YIH DANIEL LEE

TIMOTHY P HOFER

VINCENT L HUTCHINGS

\$1,500,000 08/01/2012 - 07/31/2014

### **Jonas Center for Nursing Excellence**

*Jonas Scholars Program for PhD Students*

SUSAN JANE PRESSLER (SON-Grants)

\$15,000 08/01/2012 - 07/31/2014

### **JPB Foundation**

*Accelerating Impact: Dissemination of Chronic Disease Management Interventions*

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)

\$1,895,265 07/01/2012 - 06/30/2015

### **King Faisal Specialist Hospital and Research Center (KFSHRC)**

*Saudi National Mental Health Survey - Preparation, Monitoring & Implementation*

BETH-ELLEN PENNELL (Survey Research Organization)

with STEVEN G HEERINGA

\$259,189 02/01/2012 - 01/31/2015

*Saudi National Mental Health Survey - Technical Training and Support*

BETH-ELLEN PENNELL (Survey Research Organization)

\$165,734 02/01/2012 - 01/31/2015

### **Kresge Foundation**

*Safety-Net Enhancement Initiative Evaluation*

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)

\$465,830 04/01/2012 - 03/31/2014

**Leukemia and Lymphoma Society**

*Towards therapeutic application of menin-MLL inhibitors for MLL leukemias: Addendum IV to 6116-12-TRP grant*

JOLANTA E GREMBECKA (Pathology Department)

with DUXIN SUN

\$471,000 06/01/2012 - 05/31/2013

**Leukemia Research Foundation**

*The contribution of epigenetic gene silencing to leukemogenesis*

MARIA FIGUEROA (Pathology Department)

\$100,000 07/01/2012 - 06/30/2013

*GATA-3 as a Master Non-autonomous Regulator of the Tumor Microenvironment in Peripheral T-cell Lymphomas*

KATHLEEN A COONEY (Int Med-Hematology/Oncology)

\$100,000 07/01/2012 - 06/30/2013

**Lilly, Eli, and Company**

*Bone Marrow Adipose Tissue as a Regulator of Metabolism and Skeletal Remodeling*

ORMOND A MACDOUGALD (Molec & Integrative Physiology)

\$180,000 07/01/2012 - 06/30/2016

*Chronic Kidney Disease Consultation*

MATTHIAS KRETZLER (Int Med-Nephrology)

\$20,000 06/25/2012 - 04/01/2014

**Lupus Research Institute, Inc.**

*Genetic-epigenetic interaction in lupus*

AMR H SAWALHA (Int Med-Rheumatology)

\$42,389 04/01/2012 - 01/31/2014

**Massachusetts Institute of Technology**

*University of Michigan Multidisciplinary Design Projects for Winter 2012*

BRIAN E GILCHRIST (CoE Undergraduate Education)

\$12,000 01/01/2012 - 12/06/2012

**Medimmune, Inc.**

*Targeting EMT and MET states of breast cancer stem cells and its therapeutic utility in overcoming trastuzumab resistance*

HASAN KORKAYA (Int Med-Hematology/Oncology)

SULING LIU (Int Med-Hematology/Oncology)

\$349,999 01/06/2012 - 05/13/2013

**Michigan Campus Compact**

*CPV 2012-Community Beautification*

TENDAJI W GANGES (Flint Educational Opportunity)

\$15,000 04/01/2012 - 09/25/2012

**Michigan, State of, Education, Department of**

*Extending Previous Project Gains Through Modified Japanese Lesson Study to Full Integration of CCSS into District Middle and High School Mathematics Curriculum.*

ROGER F VERHEY (Dbn CASL-Math & Statistics)

with KIM KILLU

\$219,238 06/01/2012 - 09/30/2013

**Michigan, State of, Transportation, Department of**

*Project Management Support for the Safety Pilot Model Deployment Project*

JAMES R SAYER (UMTRI-Human Factors)

with DEBRA BEZZINA

PETER FRANK SWEATMAN

\$300,000 05/01/2012 - 08/01/2013

**Michigan State University**

*SoCS: Signal Processing and Information Theoretic Approaches to Denoising and Demystifying Social Network Services*

CLIFFORD A LAMPE (SI School of Information)

\$14,600 06/01/2012 - 05/31/2013

**Michigan Tech Enterprise Corporation**

*MTEC Technology and Commercialization Assistance (TCA)*

LAWRENCE ALYN MOLNAR (IRLEE)

\$150,000 06/18/2012 - 06/17/2014

**Microsoft, Inc.**

*NFSv4.1 Client for Windows*

PETER HONEYMAN (CITI CSE)

\$92,175 03/01/2012 - 06/30/2012

**NanoBio Corporation**

*Evaluation of new virus strain*

PAUL EDWARD MAKIDON (MI Nanotechnology Institute)

\$135,335 06/01/2012 - 09/30/2012

**National Aeronautics and Space Administration**

*Water and Organics: A Lens to View the Coupled Physics and Chemistry of Protoplanetary Disks*

EDWIN ANTHONY BERGIN (LSA Astronomy)

\$376,668 05/02/2012 - 05/01/2015

*Analysis of Pick-Up Ion Loss at Mars-Year 3 Training Grant*

MICHAEL WARREN LIEMOHN (Atm, Oceanic & Space Sci.)

with SHANNON CURRY

\$30,000 09/01/2010 - 08/31/2013

*Statistical Data-Model Comparisons of the Inner Magnetosphere During Geomagnetic Storms of the IMAGE Mission-Year 3*

MICHAEL WARREN LIEMOHN (Atm, Oceanic & Space Sci.)

\$30,000 06/01/2010 - 08/31/2013

*Suprathermal Particles Near the Sun-Year 3*

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

with JACOB R GRUESBECK

\$30,000 07/01/2010 - 06/30/2013

*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)

\$565,290 06/02/2011 - 08/31/2015

**National Bureau of Economic Research**

*Expanding the National Health Accounts*

SANDEEP VIJAN (Int Med-General Medicine)

with KENNETH M LANGA

MARCIA ANN VALENSTEIN

MICHAEL P WELLMAN

\$42,861 02/01/2012 - 04/30/2012

**National Collegiate Athletic Association**

*National Sport Concussion Outcomes Study - Phase I: The Role of Equipment and Head Impact Exposure on Neurological Outcomes*

JAMES T ECKNER (Neurology Department)

JEFFREY S KUTCHER (Neurology Department)

STEVEN P BROGLIO (Neurology Department)

\$289,630 07/01/2012 - 06/30/2016

**National Collegiate Inventors and Innovators Alliance (NCIIA)**

*I-Corps Instruction Services*

THOMAS H ZURBUCHEN (CoE Assoc Dean for Entrep Prog)

with AILEEN Y HUANG-SAAD

DOUG NEAL

\$50,000 06/01/2012 - 08/31/2012

**National Neurovision Research Institute (NNRI)**

*A Phase II Multiple Site, Randomized, Placebo-Controlled Trial of Oral Valproic Acid for Retinitis Pigmentosa*

JOHN R HECKENLIVELY (Ophthalmology & Visual Science)

with NAHEED WALI KHAN

\$439,260 05/01/2012 - 08/31/2014

### **National Parks Conservation Association (NPCA)**

*Evaluate Current Restoration Activities in the Great Lakes*

DONALD SCAVIA (Graham Environ. Sustain. Inst.)

J DAVID ALLAN (Graham Environ. Sustain. Inst.)

\$25,000 06/01/2012 - 12/31/2012

### **National Psoriasis Foundation**

*Dissection of the inflammatory network in psoriasis and its role as a predictor of treatment response*

JOHANN E GUDJONSSON (Dermatology Department)

\$100,000 05/15/2012 - 05/15/2013

### **National Science Foundation**

*Role of Cytokine Macrophage Migration Inhibitory Factor (MIF) as a Neurotrophin in Zebrafish Neurogenesis*

KATHARINE FRANCESCA BARALD (Cell and Developmental Biology)

with YU-CHI SHEN

\$525,000 06/15/2012 - 05/31/2015

*ABI Development: Association of protein helices in membranes: from physics to biology*

ANDREI L LOMIZE (PHARMACY Medicinal Chemistry)

IRINA D POGOZHEVA (PHARMACY Medicinal Chemistry)

\$672,514 07/01/2012 - 06/30/2015

*COLLABORATIVE RESEARCH: Structure and Mechanics of the Bat Wing Membrane*

NAKHIAH C GOULBOURNE (Aerospace Engineering)

\$299,999 07/01/2012 - 06/30/2015

*Integrated opto-nanofluidic biosensors*

XUDONG FAN (Biomedical Engineering)

\$360,000 07/01/2012 - 06/30/2015

*Geometric and Analytic Properties of Real Hypersurfaces in Complex Euclidean and Projective Spaces*

DAVID E BARRETT (LSA Mathematics)

\$250,000 07/01/2012 - 06/30/2015

*Drell-Yan Scattering: SeaQuest and Beyond*

WOLFGANG B LORENZON (LSA Physics)

\$420,000 06/15/2012 - 05/31/2015

*GEM: Comprehensive Assessment of the Space Weather Modeling Framework for Magnetic Field Mapping*

SHASHA ZOU (Atm, Oceanic & Space Sci.)

with GABOR TOTH

MARK MOLDWIN

XIANZHE JIA

\$320,000 06/15/2012 - 05/31/2016

*The Ionospheric Source of Magnetospheric Plasma - Measuring, Modeling and Merging into the GEM Geospace General Circulation Model (GGCM)*

MICHAEL WARREN LIEMOHN (Atm, Oceanic & Space Sci.)

\$133,340 06/15/2012 - 05/31/2016

*SHF: Small: Minimally Invasive Error Detection/Correction for Runtime Margin Elimination*

DAVID BLAAUW (COE EECS - ECE - SSEL)

\$450,000 07/01/2012 - 06/30/2015

*SHF: Small: Native Stochastic Computing Based on Memristors*

ZHENGYA ZHANG (COE EECS - ECE - SSEL)

with WEI LU

\$450,000 07/01/2012 - 06/30/2015

*AF:CIF: Small: Theoretical Problems in Quantum Computation and Communication*

YAOYUN SHI (COE EECS - CSE - ACAL)

\$360,488 08/01/2012 - 07/31/2015

*SHF: Small: Scaling the Compute Efficiency of General-Purpose Processors*

SCOTT MAHLKE (COE EECS - CSE - ACAL)

with REETUPARNA DAS

\$450,000 07/01/2012 - 06/30/2015

*Advancing Offshore Wind Power Siting through Multi-criteria Assessment Integration*

JAROD CORY KELLY (Sch of Nat Resources & Environ)

with GREGORY A KEOLEIAN

MICHAEL R MOORE

SARA ADLERSTEIN-GONZALEZ

\$299,933 09/01/2012 - 08/31/2015

*3D Engineering Tissue Models for In Vitro Safety Testing of Nanoparticles*

JAN PHILIP STEGEMANN (Biomedical Engineering)

\$105,320 07/01/2012 - 06/30/2013

*Research Starter Grant: Understanding savanna vegetation dynamics in East Africa under different off-take methods and precipitation regimes*

BILAL BUTT (Sch of Nat Resources & Environ)

\$49,974 07/01/2012 - 06/30/2013

*REU Supplement: Integrating Circuits, Sensing, and Software to Realize the Cubic-mm Computing Class*

DAVID D WENTZLOFF (COE EECS - ECE - SSEL)

\$40,800 06/01/2012 - 07/31/2016

*A Workshop on the Analysis of Longitudinal Study of American Youth (LSAY) Data*

JON D MILLER (CPS-Research)

\$98,926 06/15/2012 - 05/31/2013

*REU: Collaborative Research: Impact of Bottom Boundary Layer Drag and Topographic Wave Drag on the Eddy General Circulation. Supplement to F025356 10-PAF05294*

BRIAN K ARBIC (LSA Earth & Environmental Sci.)

\$12,000 06/07/2012 - 05/31/2013

*I-Corps: Matrix-Enhanced Delivery of Cell Therapy.*

JAN PHILIP STEGEMANN (Biomedical Engineering)

\$50,000 07/01/2012 - 12/31/2012

*REU for CAREER: Building and Searching in a Structured Web Database*

MICHAEL JOHN CAFARELLA (COE EECS - CSE - SSRL)

\$15,984 06/13/2012 - 02/29/2016

*High-Resolution Integrated Ultrasound and Microwave Imaging for Early-Stage Breast Cancer Diagnosis*

FAWWAZ T ULABY (COE EECS - ECE - Rad)

\$2,000 06/21/2012 - 12/31/2012

*Mechatronic Back Brace Commercial Development*

ALBERT J SHIH (Mechanical Engineering)

with JAMES A ASHTON-MILLER

\$50,000 07/01/2012 - 12/31/2012

*An investigation of plasma formation in electromechanically driven free bubbles at resonance in water with applications for the treatment of contaminated water*

JOHN EDISON FOSTER (Nuclear Eng & Radiological Sci)

\$1,966 06/05/2012 - 08/31/2013

*I-Corps: SOLUTION MICROARRAY MULTIPLEXED BIOMARKER IMMUNOASSAYS*

SHUICHI TAKAYAMA (Biomedical Engineering)

\$50,000 07/01/2012 - 12/31/2012

*EAGER: Wikisym Doctoral Research Consortium*

CLIFFORD A LAMPE (SI School of Information)

\$16,005 07/01/2012 - 06/30/2013

*REU Supplement to: Tailoring the Properties of Dilute Nitride-Bismide Semiconductor Alloys*

RACHEL S GOLDMAN (Materials Science & Engin.)

\$10,000 06/13/2012 - 06/30/2013

*REU Supplement: Role of Chain Architecture on the Properties of Linear and Star Chain Thin Film Polymer Systems*

PETER F GREEN (Materials Science & Engin.)

\$7,440 06/08/2012 - 04/30/2013

*REU Supplement: Structure-Function Relationships for Early Transition Metal Carbide and Nitride Catalysts*

LEVI THEODORE THOMPSON (Chemical Engineering Dept)

\$6,000 06/01/2012 - 08/31/2012

*Clinical Grade Microelectromechanical Neurostimulators*

KENSALL D WISE (COE EECS - ECE - SSEL)

\$50,000 07/01/2012 - 12/31/2012

*REU Supplement for NSF grant : Design and Fundamental Understanding of Advanced Minimum Quantity Lubrication (MQL) Machining using Nanolubricants*

ALBERT J SHIH (CoE Wu Mfg Research Center)

\$11,250 06/19/2012 - 08/31/2013

**National Writing Project**

*NWP Teacher Leadership Development Grant*

ANNE RUGGLES GERE (SOE-Educational Studies)

\$20,000 07/01/2012 - 06/30/2013

**NetScientific America, Inc**

*A rapid, point-of-care lipid profile test with superior predictive power (supplement)*

ALAN J HUNT (Biomedical Engineering)

\$32,228 01/01/2012 - 05/31/2012

**Nielsen Company, The**

*The Nielsen Company (US) LLC Contract*

BRADY THOMAS WEST (SRC-Survey Methodology Prog)

\$26,509 12/01/2011 - 11/30/2012

**North Carolina Zoo**

*Ngogo Chimpanzee Snare Removal Project*

JOHN C MITANI (LSA Anthropology)

\$3,000 03/12/2012 - 03/12/2013

**Nymirum, Inc**

*Recharge - Nymirum - Center for Chemical Genomics*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$2,046 12/19/2011 - 12/31/2012

**Ohio State University, The**

*Repair of Critical-Size Mandibular Defects Using B-TCP, Autologous Stem Cells, and Controlled-Release Growth Factors*

KASHAPPA GOUD DESAI (PHARMACY Pharmaceutical Sci)

\$35,000 01/01/2012 - 12/31/2012

*GOG 0261: A RANDOMIZED PHASE III TRIAL OF PACLITAXEL PLUS CARBOPLATIN VERSUS IFOSFAMIDE PLUS PACLITAXEL IN CHEMOTHERAPY- NAIVE PATIENTS WITH NEWLY DIAGNOSED STAGE I-IV, PERSISTENT OR RECURRENT CARCINOSARCOMA (MIXED MESODERMAL TUMORS) OF THE UTERUS OR OVARY*

CAROLYN MARIE JOHNSTON (Obstetrics and Gynecology Dept)

\$9,240 06/01/2010 - 03/31/2012

*GOG 0267 QUALITY OF LIFE AND CARE NEEDS IN PATIENTS WITH PERSISTENT OR RECURRENT PLATINUM-RESISTANT OVARIAN, FALLOPIAN TUBE, AND PERITONEAL CANCER*

CAROLYN MARIE JOHNSTON (Obstetrics and Gynecology Dept)

\$3,850 05/01/2012 - 03/31/2013

**Parexel International Corporation**

*A Multicenter, Randomized, Double-Blind, Phase 3 Study of Ramucirumab (IMC-1121B) Drug Product and Best Supportive Care (BSC) Versus Placebo and BSC as Second-Line Treatment in Patients With Hepatocellular Carcinoma Following First-Line Therapy With Sorafenib*

JORGE A MARRERO (Int Med-Gastroenterology)

\$25,669 11/08/2011 - 12/31/2013

**Pennsylvania State University**

*Aligning Forces for Quality II*

JEFFREY A ALEXANDER (Health Management and Policy)

\$34,067 05/01/2012 - 07/31/2012

**PharmaForensics Laboratories**

*Recharge Ctr for Chemical Genomics HTS Lab Training & Instrumentation Usage*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$1,436 01/01/2012 - 12/31/2012

**Pharmatech Oncology, Inc.**

*2011.127: A Phase III Study of Chemotherapy and Chemoradiotherapy With or Without HyperAcute?-Pancreas (algenpantucel-L) immunotherapy in Subjects with Surgically Resected Pancreatic Cancer*

MARK M ZALUPSKI (Int Med-Hematology/Oncology)

\$280,675 06/11/2012 - 06/30/2018



**Preventive Health Now, LLC**

*Preventive Health Now, LLC web hra only*

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$15,000 05/01/2012 - 04/30/2015

**PricewaterhouseCoopers LLP**

*PricewaterhouseCoopers Partner Agreement 3/24/12 thru 3/25/13*

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$2,500 03/24/2012 - 03/25/2012

**Procter and Gamble Company**

*P & G Consulting*

JOHN O DELANCEY (Obstetrics and Gynecology Dept)

\$10,000 01/01/2012 - 03/31/2012

**Qatar Foundation**

*The Economic Impacts of Migration: A Literature Review and a Framework for Innovations in Migration Policy*

DEAN C YANG (G. Ford Sc Pub Pol)

\$32,429 05/01/2012 - 07/31/2012

**Quintiles, Inc**

*A Phase 3, Open-label Study to Determine the Long-Term Safety and Efficacy of Vedolizumab (MLN0002) in Patients with Ulcerative Colitis and Crohn's Disease (Millenium C13008 amendment for travel costs)*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$41,670 09/19/2011 - 07/31/2016

**RadiaBeam Technologies**

*ECR Gasdynamic Mirror Thruster*

TERRY KAMMASH (Nuclear Eng & Radiological Sci)

\$39,000 05/24/2012 - 12/31/2012

**Radiological Society of North America**

*Investigating the associations and prognostic values of clinical factors and TMPRSS2:ERG fusion and PTEN deletion on post-prostatectomy salvage radiation therapy outcomes: An institutional cohort study*

FELIX Y FENG (Radiation Oncology - Ann Arbor)

\$3,000 05/01/2012 - 06/30/2013

**Research Corporation for Science Advancement**

*Algal toxins as phosphatase inhibitors: Identification of new targets and structure-activity characterization*

MICHAEL JAMES TWINER (Dbn CASL-Biological Sciences)

\$35,000 07/01/2012 - 06/30/2014

**Research to Prevent Blindness, Inc.**

*Understanding the relationship between components of metabolic syndromes and open-angle glaucoma.*

JOSHUA D STEIN (Ophthalmology & Visual Science)

\$100,000 06/01/2012 - 05/31/2013

**Roush Industries, Inc.**

*Effect of Strain Rate on the Mechanical Behavior of Automotive Grade Materials.*

GERMAN REYES-VILLANUEVA (Dbn Coll of Eng-Mechanical Eng)

\$13,218 04/27/2012 - 06/29/2012

**RTI Health Solutions (RTI-HS)**

*A 12-Week, Randomized, Double-Blind, Placebo-Controlled Study of Asimadoline in Subjects with Diarrhea-Predominant Irritable Bowel Syndrome*

RICHARD J SAAD (Int Med-Gastroenterology)

\$38,975 03/27/2012 - 05/31/2013

**Samsung Group**

*Development of a Background Suppression Scheme for 3D Image Sensors*

EUISIK YOON (COE EECS - ECE - SSEL)

\$120,000 05/01/2012 - 04/30/2013

**Santen Pharmaceutical**

*A Phase III, Multinational, Multicenter, Randomized, Double-Masked, Study Assessing the Safety and Efficacy of Intravitreal Injections of DE-109 (three doses) for the Treatment of active, Non-Infectious Uveitis of the Posterior Segment of the eye*

SUSAN G ELNER (Ophthalmology & Visual Science)

\$64,200 04/10/2012 - 12/31/2013

**Simons Foundation**

*Simons Investigator Award*

SHARON C GLOTZER (Chemical Engineering Dept)

\$660,000 08/01/2012 - 07/31/2017

**Sloan, Alfred P., Foundation**

*Pageonce Data Development Project*

MATTHEW D SHAPIRO (SRC-Hrs)

with DANIEL SUSMAN SILVERMAN

\$584,817 05/01/2012 - 05/01/2014

**Society of Women in Urology**

*Understanding the dissemination of sacral neuromodulation*

JAMES QUENTIN CLEMENS (Urology)

\$2,500 01/01/2012 - 01/31/2013

**Space Telescope Science Institute**

*Comic Assembly Near-IR Deep Extragalactic Legacy Survey (CANDELS)*

ERIC F BELL (LSA Astronomy)

\$22,793 11/01/2010 - 10/31/2014

**SPX Precision Components**

*ME 450 Mechanical Design - Winter 2012 Supplemental*

GORDON G KRAUSS (Mechanical Engineering)

\$1,283 01/01/2012 - 04/30/2012

**Stanford University**

*A Multi-Generational Approach to Trends in Social Mobility*

FABIAN T PFEFFER (SRC-Psid)

\$16,498 03/01/2012 - 09/29/2012

**St. Jude Children's Research Hospital**

*Childhood Cancer Survivor Study*

RAYMOND J HUTCHINSON (Pediatrics-Hematology/Oncology)

\$13,331 12/01/2011 - 11/30/2012

**The RDH12 Fund for Sight**

*Gene-replacement therapy for RDH12 mutations*

DEBRA A THOMPSON (Ophthalmology & Visual Science)

with NAHEED WALI KHAN

\$171,008 05/01/2012 - 04/30/2014

**Uberoi Foundation for Religious Studies**

*Seminar in Sikh Studies-Summer Workshop*

ARVIND-PAL SINGH MANDAIR (LSA Asian Languages & Cultures)

\$16,000 03/01/2012 - 09/30/2012

**United Way of Washtenaw County**

*2011-2012 United Way Power of the Purse Grant Award*

STEPHEN J STEFANAC (DENT Patient Services)

\$5,000 06/01/2012 - 02/28/2013

**University of California - Berkeley**

*The Role of Educative Curriculum Materials in Supporting Science Teaching Practices with English Language Learners*

GINA N CERVETTI (SOE-Educational Studies)

\$74,891 09/01/2011 - 08/31/2012

**University of California - Davis**

*Collaborative Research Agreement on Mammalian Eye Development*

ERIC R FEARON (Int Med-Molecular Med&Genetics)

\$58,860 01/02/2012 - 08/31/2012

**University of California - Los Angeles**

*Disorders of Sex Development: Platform for Basic and Translational Research*

DAVID ERIC SANDBERG (Child Behavioral Health)

with EDWARD B GOLDMAN

JOHN M PARK

LISA PROSSER

SENAIT FISSEHA

\$1,409,413 09/26/2011 - 06/30/2016

**University of California - San Francisco**

*EPGP Amendment 6*

SIMON GLYNN (Neurology Department)

with RANI SINGH

SUCHETA M JOSHI

\$42,520 05/01/2012 - 12/31/2012

**University of Colorado**

*Developing and Testing Theories of Implementation: Design Research with Schools and Districts ? NSF Workshop*

BARRY JAY FISHMAN (SOE-Educational Studies)

\$28,733 12/15/2011 - 01/31/2013

**University of Heidelberg**

*European Consortium for High-Throughput Research in Rare Kidney Diseases*

MATTHIAS KRETZLER (Int Med-Nephrology)

with YUANFANG GUAN

\$543,517 10/01/2012 - 09/30/2017

**University of Illinois at Chicago**

*Bridging the Gap: Research Informing Practices & Policy for Healthy Youth Behavior - 2010 - 2011 Supplement*

BETH-ELLEN PENNELL (Survey Research Organization)

\$11,249 02/01/2012 - 07/31/2012

**University of Maryland-Baltimore County (UMBC)**

*Hyperspectral Infrared Earth Radiance Time Series*

XIANGLEI HUANG (Atm, Oceanic & Space Sci.)

\$32,934 03/09/2012 - 03/08/2013

**University of Missouri**

*University of Missouri, health risks and medical utilization and costs*

DEE W EDINGTON (Health Management Research Ctr)

\$35,000 09/01/2011 - 08/31/2012

**University of Texas Southwestern Medical Center**

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

ROBERT JOHN FONTANA (Int Med-Gastroenterology)

\$56,496 09/01/2011 - 08/31/2012

**University of Virginia**

*Recharge - University of Virginia*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$32,267 01/01/2012 - 01/01/2013

**University of Washington**

*Controlled Trial of Venlafaxine XR for Depression after SCI: A Multi-Site Study*

DENISE G TATE (Physical Medicine & Rehab Dept)

with ANTHONY E CHIODO

CLAIRE Z KALPAKJIAN

\$63,358 01/01/2012 - 12/31/2012

**Upjohn, W. E., Institute for Employment Research**

*Valuing the Benefits of Public Infrastructure in American Cities*

DAVID YVES ALBOUY (LSA Economics)

\$5,000 02/29/2012 - 06/01/2014

**UT-Battelle, LLC**

*Consortium for Advanced Simulation of Light Water Reactors (CASL)(TN, NON-TAXABLE)*

WILLIAM R MARTIN (Nuclear Eng & Radiological Sci)

with ANNALISA MANERA  
ANTON VAN DER VEN  
EDWARD W LARSEN  
GARY S WAS  
JOHN C LEE  
KATSUYO S THORNTON  
KRZYSZTOF J FIDKOWSKI  
MICHAEL D THOULESS  
THOMAS J DOWNAR  
WEI LU

\$1,583,000 11/07/2011 - 09/30/2013

*Consortium for Advanced Simulations of Light Water Reactors (CASL)(TN, TAXABLE)*

WILLIAM R MARTIN (Nuclear Eng & Radiological Sci)

with THOMAS J DOWNAR

\$165,000 12/29/2010 - 09/30/2013

## **Various Sponsors**

### *Flow Cytometry - Sample Analysis/Fee for Service - Non-Fed Various*

THOMAS A MOORE (BRCF Administration)

\$5,160 09/01/2011 - 08/31/2012

### *Plastination Laboratory Recharge*

AMEED RAOOF (Med Ed/Ofc of Ed Resources&Res)

\$65,272 11/01/2011 - 10/31/2013

### *Recharge: Stable Isotope Laboratory*

KYGER C LOHMANN (LSA Earth & Environmental Sci.)

\$46,750 07/01/2011 - 12/31/2012

### *Project IDEAL Member Year 11*

JEROME JOHNSTON (RCGD-Rsrch Cntr for Grp Dyn)

\$113,373 07/01/2012 - 09/30/2013

### *WIMS Center Associate Partner - PicoCal, Inc. 5/1/2012 - 4/30/2014*

YOGESH B GIANCHANDANI (COE EECS - ECE - WIMS - ERC)

\$12,000 05/01/2012 - 04/30/2014

### *Recharge: Child Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$5,175 03/01/2007 - 06/30/2025

### *Sample Analysis/Fee for Service Transgenic - Various Non-Federal*

THOMAS L SAUNDERS (BRCF Administration)

\$31,875 06/01/2012 - 05/31/2014

### *DNA Sequencing Sample Analysis/Fee for Service - Various Non-Federal*

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\$4,363 06/01/2012 - 05/31/2014

### *Recharge: Wheelchair Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$18,950 03/01/2007 - 06/30/2025

### *WIMS Center Associate Partner - InvenSense, Inc. 6/1/2012 - 5/31/2013*

YOGESH B GIANCHANDANI (COE EECS - ECE - WIMS - ERC)

\$6,000 06/01/2012 - 05/31/2013

### *WIMS Center Associate Partner - MESO, Inc. 9/1/2012 - 8/31/2013*

YOGESH B GIANCHANDANI (COE EECS - ECE - WIMS - ERC)

\$6,000 09/01/2012 - 08/31/2013

### *RECHARGE: Materials Property Testing*

GREGORY E AMIDON (PHARMACY Pharmaceutical Sci)

\$3,750 09/01/2011 - 08/31/2013

## **Ventana Medical Systems**

### *ETV ISH & Antibody Assay Development*

NALLASIVAM PALANISAMY (Ctr fr Translational Pathology)

\$42,210 06/01/2012 - 05/31/2013

**Veterans Affairs, Department of**

*VA IPA for Brittany Graustein*

PHILIP S SCHOENFELD (Int Med-Gastroenterology)

\$27,473 02/01/2012 - 09/30/2012

*IPA - Tiecheng Liu*

JIMO BORJIGIN (Molec & Integrative Physiology)

\$52,983 01/01/2012 - 09/30/2012

*IPA Anda-Alexandra Calinescu*

JIMO BORJIGIN (Molec & Integrative Physiology)

\$41,022 01/01/2012 - 09/30/2012

*IPA Extension - Mary Jannausch*

MARK ANDREW ILGEN (Psych HlthSvc Outcome Research)

\$6,500 03/01/2012 - 07/31/2012

*IPA Agreement\_Xiaojie Zhang\_FY12*

MICHAEL M WANG (Neurology Department)

\$15,051 04/01/2012 - 09/30/2012

*IPA Valerie Corinne Kahn*

ANGELA TSAI FAGERLIN (Int Med-General Medicine)

\$16,583 04/01/2012 - 09/30/2012

*IPA Hyungjin Myra Kim 2012*

KERBY A SHEDDEN (Ctr Statistical Consul & Res)

\$66,649 04/01/2012 - 03/31/2013

*IPA Milisa Manojlovich Year 3*

MILISA M MANOJLOVICH (SON-Grants)

\$14,629 10/01/2011 - 09/30/2012

*IPA - Kathleen Swalwell*

JOHN D PIETTE (Int Med-General Medicine)

\$5,381 06/01/2012 - 09/30/2012

*IPA - Aryan Roushanrouz*

JOHN D PIETTE (Int Med-General Medicine)

\$20,010 06/01/2012 - 09/30/2012

**Washtenaw, County of**

*Preventing Property Tax Foreclosure*

ALFREDA RENAE ROOKS (UMH Housing Bureau/Senior)

\$29,084 07/01/2010 - 06/30/2012

**Wayne State University**

*Biochemical Screen in HTS Lab for Prof. Firestine at Wayne St.*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$863 10/25/2011 - 02/28/2013

*Recharge Oupicky WSU CCG*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

\$962 12/07/2011 - 12/31/2012

**Wege, The, Foundation**

*Sustainable Systems Internship Program*

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

\$48,000 05/01/2012 - 04/30/2015

**When Everyone Survives Foundation (WES)**

*Characterization of the MLL and HOXA9-regulated enhanceosome molecular networks in acute leukemia*

JEAN-FRANCOIS RUAL (Pathology Department)

\$50,000 07/01/2012 - 06/30/2013