

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
June 1, 2009 through June 30, 2009

The awards detailed in this list were established June 1, 2009 through June 30, 2009. 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<br>FY 2008 | Number of Awards<br>FY 2009 | % Change | Value of Awards<br>FY 2008 | Value of Awards<br>FY 2009 | % Change |
|----------------------------------|-----------------------------|-----------------------------|----------|----------------------------|----------------------------|----------|
| Total Awards Processed<br>(June) | 238                         | 276                         | 16.0%    | \$52,704,465               | \$93,804,974               | 78.0%    |
| Research Awards                  | 161                         | 205                         | 27.3%    | \$39,931,291               | \$79,706,883               | 99.6%    |
| Research Training                | 20                          | 27                          | 35.0%    | \$7,370,532                | \$8,809,775                | 19.5%    |
| Other Sponsored Activity         | 57                          | 44                          | (22.8%)  | \$5,402,642                | \$5,288,316                | (2.1%)   |

|   |       |       |         |               |               |         |
|---|-------|-------|---------|---------------|---------------|---------|
| Total Awards Processed<br>Fiscal Year to Date | 2,678 | 2,628 | (1.9%)  | \$924,696,334 | \$993,995,706 | 7.5%    |
| Research Awards                               | 1,924 | 1,936 | 0.6%    | \$832,597,586 | \$892,526,739 | 7.2%    |
| Research Training                             | 138   | 104   | (24.6%) | \$44,901,935  | \$32,909,903  | (26.7%) |
| Other Sponsored Activity                      | 616   | 588   | (4.5%)  | \$47,196,813  | \$68,559,064  | 45.3%   |

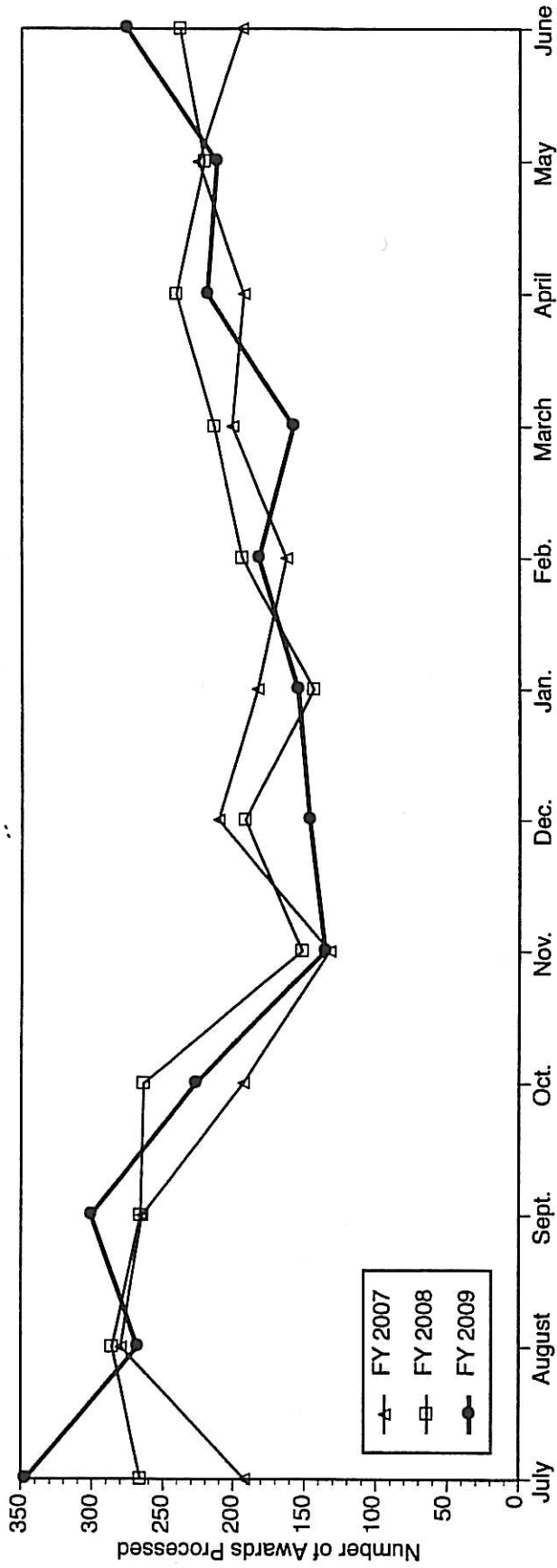
June 2009 total awards and dollar values are up compared with June 2008. Research year-to-date dollar values are in positive territory but with a slight decline in the number of awards processed. This trend is a result of fewer awards processed but whose dollar values are higher. The number of total awards and their respective dollar values are at the highest level since FY 2007.

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

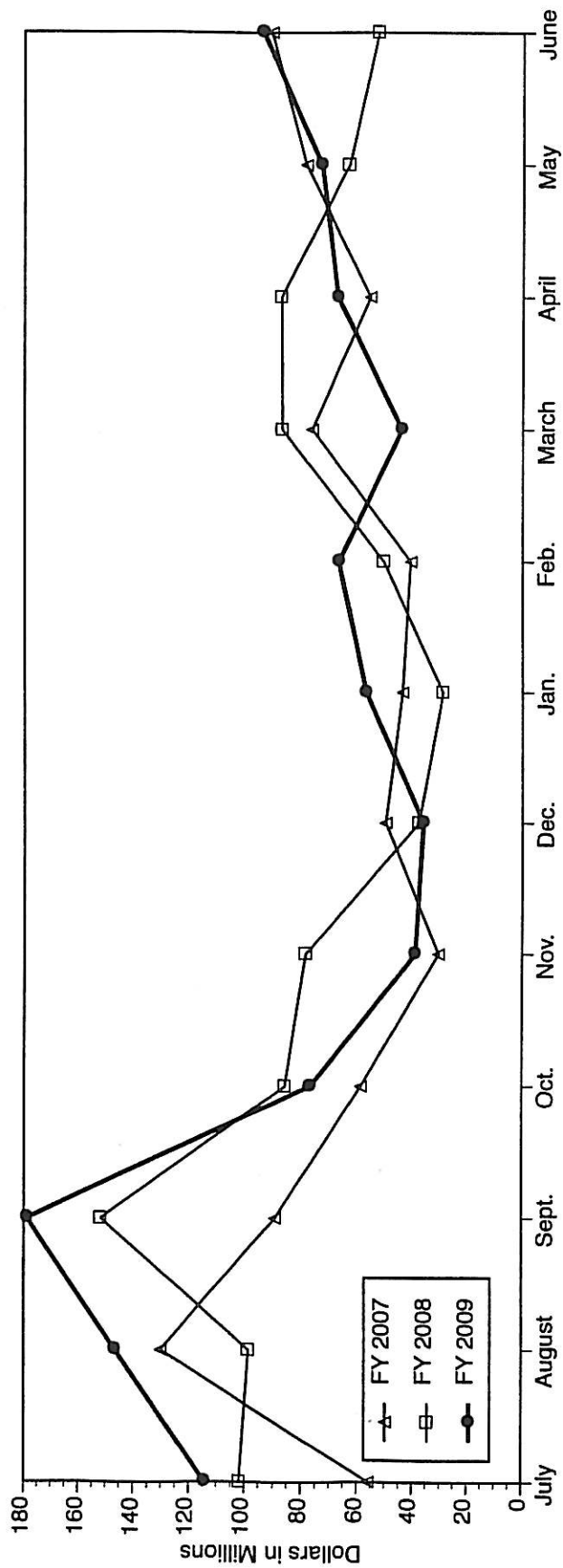
|                | Federal<br>Expendable<br>Restricted | Other<br>Funds | Total<br>Expenditures |
|----------------|-------------------------------------|----------------|-----------------------|
| May 2009       | \$590,485,014                       | \$262,933,318  | \$853,418,332         |
| May 2008       | \$551,039,672                       | \$216,064,524  | \$767,104,196         |
| Percent Change | 7.2%                                | 21.7%          | 11.3%                 |

Source: Division of Research Development and Administration

Number of Awards Processed



Dollar Value of Awards Processed



Data Source: Division of Research Development and Administration



# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

June 01, 2009 through June 30, 2009

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.

## **Accelerate Brain Cancer Cure**

*Depleting Cancer Stem Cells By Notch Pathway Blockade in Glioblastomas*

XING FAN (Neurosurgery)

\$60,000 03/01/2008 - 06/30/2009

## **Accord Biomaterials, Inc**

*Implantable Glucose Sensors with Prolonged Accuracy*

MARK E MEYERHOFF (LSA Chemistry)

\$51,005 10/01/2008 - 07/31/2009

## **Actellon**

*Long-Term Single-Arm Open-Label Extension Study of the SERAPHIN Study to Assess the Safety and Tolerability of ACT-064992 in Patients with Symptomatic Pulmonary Arterial Hypertension*

VALLERIE MCLAUGHLIN (Int Med-Cardiology)

\$174,075 06/17/2009 - 06/16/2014

*A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel Group, Event-Driven Phase III Study to Assess the Effects of ACT-064992 on Morbidity and Mortality in Patients with Symptomatic Pulmonary Arterial Hypertension*

VALLERIE MCLAUGHLIN (Int Med-Cardiology)

\$190,420 06/18/2009 - 06/17/2013

## **Agriculture, Department of**

*McIntire Stennis 2009*

DONALD R ZAK (Sch of Nat Resources & Environ)

with INES IBANEZ

KATHLEEN MARY BERGEN

MARYCAROL ROSSITER HUNTER

WILLIAM S CURRIE

\$265,120 10/01/2008 - 09/30/2009

## **American Academy of Allergy, Asthma, and Immunology (AAAAI)**

*Asthma Self-Management for Older Adults*

ALAN P BAPTIST (Int Med-Allergy)

\$150,000 07/01/2009 - 06/30/2012

## **American Association for Clinical Chemistry**

*Enclosure to Annesley Agreement, Contract with University of Michigan*

THOMAS M ANNESLEY (Pathology Department)

\$106,423 07/01/2009 - 12/31/2012

**American Heart Association, Inc.**

*miR-10a is a Novel Determinant to Control Smooth Muscle Cell Differentiation*

YUQING EUGENE CHEN (Int Med-Cardiology)

\$308,000 07/01/2009 - 06/30/2013

**American Heart Association, Midwest Affiliate**

*Structural and Functional Protection of the Acute and Chronically Ischemic Heart Using Gene Transfer of Cardiac TnlA164H*

JOSEPH M METZGER (Molec & Integrative Physiology)

\$52,000 07/01/2007 - 06/30/2009

*Role of Sodium Channel Beta1 in Na+ Current Modulation and Cell-cell Coupling in the Heart*

LORI L ISOM (Pharmacology Department)

\$52,000 07/01/2009 - 06/30/2011

*Regulation of Circadian Autophagy Rhythm by C/EBP $\beta$*

JIANDIE LIN (Life Sciences Institute-Admin)

\$52,000 07/01/2009 - 06/30/2011

*The Role of Nrf2 in Nitroalkene-protected Vascular Lesion Formation*

YUQING EUGENE CHEN (Int Med-Cardiology)

\$214,499 07/01/2009 - 06/30/2012

**American Medical Systems**

*3-D Model*

JAMES A ASHTON-MILLER (Mechanical Engineering)

with JOHN O DELANCEY

\$42,500 06/15/2009 - 09/15/2009

**American Otological Society, Inc.**

*An Integrative Genomic Approach to Discovering Otosclerosis Genes*

MARCI M LESPERANCE (Pediatric Otolaryngology)

\$55,000 07/01/2009 - 06/30/2010

**American Society of Hematology**

*Inhibition of Notch signaling in T cells to prevent immune-mediated bone marrow failure*

IVAN PATRICK MAILLARD (Life Sciences Institute-Admin)

\$4,000 07/01/2009 - 06/30/2010

**American Vascular Association (AVA)**

*The Evaluation of Alfimeprase in a Rat Model of Deep Vein Thrombosis*

THOMAS W WAKEFIELD (Vascular Surgery Section)

with DANIEL DURANT MYERS JR

\$3,000 05/01/2009 - 09/30/2009

**Amgen, Inc.**

*Hematology/Oncology Fellowship*

SCOTT D GITLIN (Int Med-Hematology/Oncology)

\$40,000 05/19/2009 - 06/30/2010

**Ann Arbor Thrift Shop**

*Healthier Pregnancies for a Healthier Ann Arbor*

AMY MARGARET BECKLENBERG (School of Nursing)

\$1,500 05/21/2009 - 05/20/2010

**Arbor Research Collaborative For Health**

*Dialysis Outcomes and Practice Patterns Study*

RAJIV SARAN (Int Med-Nephrology)

with ANANDA SEN

BRENDA WILSON GILLESPIE

JOHN D KALBFLEISCH

RICHARD A HIRTH

YUN LI

\$103,659 01/01/2009 - 12/31/2009

**Arinc, Inc**

*Scarlet & Blue Design Challenge 2009: Personnel Carried Improvised Explosive Devices*

NILTON O RENNO (Atm, Oceanic & Space Sci.)

\$50,003 01/01/2009 - 08/31/2009

**Arthritis Foundation**

*Dependence of Arthritis Antigen-specific Th17 Cell Development on B Cells*

STEVEN K LUNDY (Int Med-Rheumatology)

\$85,500 07/01/2009 - 06/30/2010

*Posttranslational Modifications of DEK and Their Role in Autoimmunity*

DAVID M MARKOVITZ (Int Med-Infectious Diseases)

\$50,000 07/01/2009 - 06/30/2010

**Association of periOperative Registered Nurses (AORN)**

*An Evaluation of Perioperative Processes of Care and Patient Outcomes*

AKKE NEELTJE TALSMA (SON-(Div III) Div of Nursing)

\$21,250 05/01/2009 - 04/30/2010

**Beckman Coulter**

*Evaluation of the Clinical Utility of Beckman Coulter's Prostate Disease Markers in Distinguishing Between Malignant and Non-malignant Prostate Disease Using the Access Immunoassay System*

JOHN THOMAS WEI (Urology Surgery)

\$43,450 06/24/2008 - 06/23/2009

**Beckman Foundation**

*New Strategies for Stimuli-Responsive Materials*

ANNE JENNIFER MCNEIL (LSA Chemistry)

\$300,000 09/01/2009 - 08/31/2012

**Boehringer Ingelheim, Ltd.**

*Amendment 1 to A Randomized Open- Label Phase II Study of BIBW 2992 Versus Cetuximab (Erbix ) in Patients with Metastatic or Recurrent Head and Neck Squamous Cell Carcinoma (HNSCC) After Failure of Platinum-containing Therapy With a Cross-over Period for Progressing Patients*

FRANCIS P WORDEN (Int Med-Hematology/Oncology)

\$2,000 09/03/2008 - 09/02/2010

**Boston Scientific Corporation**

*CABANA: A Carotid Stenting Boston Scientific Surveillance Program*

ENRIQUE CRIADO-PALLARES (Vascular Surgery Section)

\$15,800 04/15/2009 - 04/14/2013

**Brookings Institution**

*Educational Aspirations and Student Outcomes*

BRIAN AARON JACOB (G. Ford Sc Pub Pol)

\$9,651 05/01/2009 - 12/31/2009

**Case Western Reserve University**

*Great Lakes Summer Fellowship Program - Preparing Coastal Communities*

ALLEN BURTON (Sch of Nat Resources & Environ)

\$30,000 11/01/2008 - 06/30/2010

**Caulk, L. D., Company**

*Evaluate the Effectiveness of a 2-Step Polishing System for Composite Restorations*

PETER YAMAN (DENTCariology, Restor Sci & Endo)

\$7,800 05/15/2009 - 08/31/2009

**Cisco Learning Institute**

*Developing Modules for the Preparation of Elementary Mathematics Specialists*

TIMOTHY ARTHUR BOERST (SOE-Educational Studies)

with HYMAN BASS  
KARA M SUZUKA

\$1,921,466 09/01/2008 - 08/31/2011

**Clinton Global Initiative University**

*Integrated Carbon Credit Programs: A Biofuels Program in Madagascar that Links the Energy, Land Use and Transportation Sectors*

GAVIN MICHAEL SHATKIN (Urban Planning)

\$6,500 05/25/2009 - 06/01/2010

**CMS Energy**

*2009 CMS Energy Internship*

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

\$14,106 06/01/2009 - 08/31/2009

**Colorado State University**

*Total Synthesis and Biosynthesis of Bioactive Substances*

DAVID H SHERMAN (Life Sciences Institute-Admin)

\$52,022 05/01/2009 - 02/28/2010

**Community Foundation for Southeastern Michigan**

*America Reads in Detroit*

MARGARET E DEWAR (Community Service Learning)

\$56,000 06/03/2009 - 06/02/2010

**Cool Geeks and Girl Techies**

LARRY M GANT (School of Social Work)

\$30,000 04/10/2009 - 04/09/2010



**Crohn's and Colitis Foundation**

*A Mechanism for the Auto-propagation of Human Fibroblast Cells*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$2,500 06/22/2009 - 08/10/2009

**Deciphera Pharmaceuticals, LLC**

*A Multicenter Phase 1 Clinical and Pharmacokinetic Study of DCC-2036 in Subjects with Philadelphia Chromosome Positive Leukemias*

MOSHE TALPAZ (CTO-Phase 1)

\$404,106 01/01/2009 - 12/31/2010

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

*Performance-driven Multimodality Sensor Fusion*

ALFRED O HERO III (COE EECS - ECE - Cspl)

\$749,988 06/01/2009 - 11/30/2011

*LMC/Bridgman Single Crystal Growth*

TRESA M POLLOCK (Materials Science & Engin.)

\$50,000 06/05/2009 - 05/07/2010

*Development of the MONACO-PIC Code for 12V Chamber Plasma Plume Analysis*

IAIN D BOYD (Aerospace Engineering)

\$65,308 12/01/2008 - 11/30/2009

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

*High Resolution PET Imaging Probe for the Detection, Molecular Characterization and Treatment Monitoring of Prostate Cancer*

NEAL H CLINTHORNE (Radiology Department)

with MORAND RUEDIGER PIERT

\$639,746 07/01/2009 - 07/31/2012

*Electronic Structure Studies on Reactive Nano-Fims*

VIKRAM GAVINI (Mechanical Engineering)

\$120,000 06/05/2009 - 07/04/2010

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

*Smart, Autonomous, Adaptive Phenomena in Self-Organizing, Reconfigurable Materials*

SHARON C GLOTZER (Chemical Engineering Dept)

\$4,279,344 06/17/2009 - 05/31/2014

*Bifunctional Silsesquioxane Routes to High Dielectric, Free Standing Nanocomposite Films*

RICHARD M LAINE (Materials Science & Engin.)

\$125,000 06/01/2009 - 05/31/2010

**Delta Dental Fund**

*Screening for Type 2 Diabetes in Dental Offices*

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

with GEORGE WESLEY TAYLOR

MORTON B BROWN

\$485,903 06/01/2009 - 05/31/2011

**DePuy Spine Inc.**

*DePuy Spine Fellowship Clinical Training Grant*

FRANK LA MARCA (Neurosurgery)

\$80,000 07/01/2009 - 06/30/2010

**Detroit Economic Growth Corporation**

*Paradise Valley Cultural and Entertainment District Project*

JONATHAN LEVINE (Urban Planning)

with ERIC R DUEWEKE

\$5,000 05/18/2009 - 08/31/2009

*Gerald R. Ford School of Public Policy DEGA Summer Internship Program*

BRIAN AARON JACOB (G. Ford Sc Pub Pol)

\$6,000 05/15/2009 - 07/31/2009

**Dreyfus, Camille and Henry, Foundation, Inc.**

*Heterogeneous Catalysis in 21th Century: Well Defined, Highly Uniform, Targeted Nano-structures As Highly Selective Heterogeneous Catalysts, Photo-catalysts, and Characterization Tools*

SULJO LINIC (Chemical Engineering Dept)

\$75,000 09/01/2009 - 08/31/2014

**Edison Pharmaceuticals, Inc**

*Analyze the Potential Protective Effects of Edison's Compounds on the Ototoxicity of Aminoglycosides*

SUHUA SHA (Kresge Hearing Research Inst)

\$8,235 06/01/2009 - 03/31/2010

**Education, Department of**

*US/ED Fulbright-Hays Doctoral Dissertation Research Abroad Program*

MARK A TESSLER (LSA II:International Institute)

\$412,094 07/01/2009 - 12/31/2010

*University of Michigan Health System (UMHS) / Ann Arbor Center for Independent Living (AACIL) Rehabilitation Research Training Program*

DENISE G TATE (Physical Medicine & Rehab Dept)

with MICHELLE A MEADE

SONYA R MILLER

\$749,778 09/01/2009 - 08/31/2014

**Electric Power Research Institute**

*Cardio-Metabolic Responses to Sub-Acute Time Periods of PM2.5 Exposure*

ROBERT DANIEL BROOK (Int Med-Cardiology)

\$250,636 03/09/2009 - 12/31/2010

**Ellison Medical Foundation**

*Mitochondrial Acetylation in Calorie Restriction and Aging*

DAVID LOMBARD (Pathology Department)

\$400,000 08/01/2009 - 07/31/2013

**EMC Corporation**

*NFSv4 Extensions for Performance and Interoperability (2009/10)*

PETER HONEYMAN (CITI CSE)

with JAMES BRUCE FIELDS

\$181,697 03/01/2009 - 02/28/2010

**Endocrine Society, The**

*Associations Between Hyperglycemia and Bone Marrow Transplantation Outcomes*

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

\$50,000 07/01/2009 - 06/30/2010

**Energy Foundation, The**

*Re-imagining an Industry in Crisis: the U.S. Automotive Industry and the Transition to Sustainable Mobility*

WALTER S MCMANUS (UMTRI-Automotive Analysis Div.)

\$140,000 07/01/2009 - 04/30/2010

**Facet Biotech Corporation**

*UMCC 2007.128: A Phase 1/2, Multi-center, Open-label, Dose-escalation Study of HuLuc63 (Humanized anti-CS1 Monoclonal IgG1 Antibody) and Bortezomib in Subjects with Multiple Myeloma Following First or Second Relapse*

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$131,184 05/05/2008 - 02/05/2011

**Florida, State of**

*DEPT Contract SP673 Mercury TMDL Task Assignment 06 Project Management*

GERALD J KEELER (Environmental Health Sciences)

with JOSEPH T DVONCH

\$276,720 07/01/2009 - 08/30/2010

**Ford Motor Company**

*Characterization of Ford Fuel Cell Catalysts*

KAI SUN (Materials Science & Engin.)

\$7,752 04/01/2009 - 09/30/2009

**Gates, Bill and Melinda, Foundation**

*A Lexicon of HIV-RNA Interactions*

ALICE TELESNITSKY (Microbiology and Immunology)

\$100,000 05/01/2009 - 04/30/2010

**Genentech, Inc.**

*2008.076: A Pivotal Phase II, Multicenter, Single-Arm, Two-Cohort Trial Evaluating the Efficacy and Safety of GDC-0449 in Patients with Advanced Basal Cell Carcinoma*

CHRISTOPHER D LAO (Int Med-Hematology/Oncology)

\$195,272 04/01/2009 - 05/11/2011

**General Motors Corporation**

*Virtual Simulated Work Environment Part Handling: Modeling Grasp Planning and Postures*

MATTHEW PAUL REED (Center for Ergonomics)

\$64,757 01/01/2009 - 12/31/2009

*Modeling, Analysis and Optimization of Ultrasonic Welding Process using ABAQUS*

ELIJAH KANNATEY-ASIBU JR (Mechanical Engineering)

\$46,277 05/01/2009 - 10/01/2009

*Microscale Modeling of Li-ion Battery*

ANN MARIE SASTRY (Mechanical Engineering)

\$248,601 05/12/2009 - 04/12/2011

**Georgia Institute of Technology**

*PRISM Survey Technical Assistance*

STUART A KARABENICK (SOE-Educational Studies)

\$30,094 02/01/2009 - 09/30/2010

**Gibbs Technologies**

*Gibbs Technologies*

GUY A MEADOWS (Naval Arch & Marine Dept)

\$17,900 05/01/2009 - 11/30/2009

**Global ET**

*Power Management for a Safe and Robust Vehicle-Grid Solution: SBIR Phase 1*

YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)

\$15,000 03/01/2009 - 08/31/2009

**Grant, William T., Foundation**

*How do Peers Influence Each Other's Mental Health and Help-Seeking in College?*

DANIEL EISENBERG (Health Management and Policy)

with MICK P COUPER

\$421,784 05/01/2009 - 04/30/2011

**Great Lakes Fishery Trust**

*The Environment Report*

MARK THOMAS BRUSH (Michigan Radio)

\$25,045 07/01/2009 - 07/01/2011

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

*New Evidence on the Persistence of High Health Spending*

RICHARD A HIRTH (Health Management and Policy)

with HELEN G LEVY

JEFFREY ANDREW SMITH

\$385,849 07/01/2009 - 12/31/2010

**Health and Human Services, Department of-Health Resources and Services Administration**

*Advanced Education Nursing Traineeship (AENT) Program*

KATHLEEN MARIE POTEMPA (School of Nursing)

with RICHARD W REDMAN

\$86,566 07/01/2009 - 06/30/2010

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

*Vestibular Reflexes in Guinea Pigs*

WILLIAM MICHAEL KING (Kresge Hearing Research Inst)

with YEHOASH RAPHAEL

\$418,766 06/05/2009 - 05/31/2011

*New Neurons in the Retina*

PAMELA A RAYMOND (LSA Molec./Cell./Develop. Bio)

\$759,697 07/01/2009 - 06/30/2011

*Maternal Behavior and Effects of Paternal Affiliation in 5-HT1a Overexpressing Mice*

JUAN F LOPEZ (Molecular & Behav Neurosc Inst)

with PARESH D PATEL

\$413,430 06/08/2009 - 05/31/2011

*Purchase of a 700MHz NMR Spectrometer for Liquid Applications*

JOHN MONTGOMERY (LSA Chemistry)

\$1,324,730 05/14/2009 - 05/13/2010

*The Impact of Sleep-Disordered Breathing on Adverse Pregnancy Outcomes*

LOUISE M O'BRIEN (Neurology Department)

with JOHN D KALBFLEISCH

RONALD DAVID CHERVIN

\$424,832 07/01/2009 - 06/30/2011

*Sleep and Neurobehavioral Performance After Cleft Palate Repair*

LOUISE M O'BRIEN (Neurology Department)

with JOHN D KALBFLEISCH

RONALD DAVID CHERVIN

SETH A WARSCHAUSKY

\$416,966 07/01/2009 - 06/30/2011

*Michigan Chemistry Biology Interface Training Grant*

VINCENT L PECORARO (LSA Chemistry)

with GARY D GLICK

\$1,513,938 07/01/2009 - 06/30/2014

*Biomarkers in Head and Neck Cancer Progression*

NISHA J D'SILVA (DENT Periodontics and Oral Med)

\$472,270 04/17/2009 - 03/30/2014

*Organization and Function of a Type II Secretion Complex*

MARIA B SANDKVIST (Microbiology and Immunology)

\$760,358 06/01/2009 - 05/31/2011

*Promoting Ethnic Diversity in Public Health Training*

HAROLD W NEIGHBORS (Hlth Behavior & Hlth Ed Dept)

with AMY JO SCHULZ

CLEOPATRA HOWARD CALDWELL

DEREK GRIFFITH

\$1,782,149 05/01/2009 - 04/30/2013

*Quantification of Blood Volume Flow Using Ultrasound*

J BRIAN FOWLKES (Radiology Department)

with JONATHAN M RUBIN

OLIVER DANIEL KRIPFGANS

WILLIAM F WEITZEL III

\$681,339 07/01/2009 - 06/30/2011

*Biomechanics of Blood Stream Infections*

JOHN GRAFTON YOUNGER (Emergency Medicine Admin)

with MICHAEL J SOLOMON

\$1,753,602 06/01/2009 - 04/30/2013

*Regulation of Ionizing Radiation Induced DNA Damage Response*

XIAOCHUN YU (Int Med-Molecular Med&Genetics)

\$1,541,725 05/01/2009 - 02/28/2014

*Improving Healthcare Delivery for Infants with Positive Newborn Screening Results*

BETH A TARINI (Pediatrics-Ambulatory Care Pgm)

\$651,700 06/01/2009 - 05/31/2014

*Ecologic Stressors, PTSD, and Drug Use in Detroit - Revision Award*

SANDRO GALEA (Epidemiology Department)

with ALLISON ELIZABETH AIELLO

DAVID T BURKE

\$1,770,348 04/01/2009 - 08/31/2012

*Demographic Analysis of Longitudinal Historical Data*

MYRON P GUTMANN (ICPSR-Archival Development)

\$673,829 02/14/2009 - 04/30/2014

*Sensory Mechanisms and Disorders*

DAVID C KOHRMAN (Kresge Hearing Research Inst)

with BRYAN E PFINGST

CHARLOTTE M MISTRETTA

DARYL R KIPKE

DAVID F DOLAN

DONNA MARIE MARTIN

JEFFREY RANDALL MARTENS

JOCHEN H SCHACHT

JOSEF M MILLER

J WAYNE ALDRIDGE

KARL GROSH

KATHARINE FRANCESCA BARALD

KENT C BERRIDGE

KHALIL NAJAFI

MARCI M LESPERANCE

MARGARET I LOMAX

MARGIT BURMEISTER

MICHAL R ZOCHOWSKI

MIRIAM H MEISLER

RICHARD A ALTSCHULER

ROBERT K DUNCAN

ROBERT M BRADLEY

SALLY ANN CAMPER

SUSAN E SHORE

THOMAS E CAREY

THOMAS M GLASER

WILLIAM MICHAEL KING

YEHOASH RAPHAEL

\$1,770,590 07/01/2009 - 06/30/2014

*Optimizing Brief Alcohol Intervention for Underage Drinkers in the ER*

MAUREEN A WALTON (Psych Substance Abuse)

REBECCA CUNNINGHAM (Psych Substance Abuse)

with FREDERIC C BLOW

KRISTEN L BARRY

PETER F EHRlich

\$3,689,934 06/15/2009 - 05/31/2014

*Targeting of Type II Secretion, a Common Virulence Pathway*

MARIA B SANDKVIST (Microbiology and Immunology)

\$759,922 06/01/2009 - 05/31/2011

*Caregiver-Assisted Tai Chi for Older Persons With Alzheimer's Disease*

LAN YAO (SON-(Div I) Division of Acute)

with JANET LOUISE LARSON

\$274,798 06/22/2009 - 05/31/2012

*Use of PAP in Women with Pre-Eclampsia*

LOUISE M O'BRIEN (Neurology Department)

with RONALD DAVID CHERVIN

TIMOTHY R B JOHNSON

\$604,036 06/01/2009 - 01/31/2014

*A Novel Signaling Pathway Mediating Hypertension and Obesity-Dependent Insulin Resistance*

PETER C LUCAS (Pathology Department)

with LINDA M MCALLISTER-LUCAS

\$1,658,366 06/01/2009 - 05/31/2014

*The Role of the Gut Microbiota in Ulcerative Colitis*

VINCENT BENSAN YOUNG (Int Med-Infectious Diseases)

with GARY B HUFFNAGLE

\$1,087,800 06/01/2009 - 05/31/2010

*Gender Differences in Drug Abuse*

JILL B BECKER (Molecular & Behav Neurosc Inst)

\$1,457,341 04/01/2009 - 03/31/2014

*Toxic Metal Complexation by de Novo Designed Peptides*

VINCENT L PECORARO (LSA Chemistry)

\$1,396,562 02/01/2009 - 02/28/2014

*Predictors of ovarian function in women treated with aromatase inhibitors*

NORAH LYNN HENRY (Int Med-Hematology/Oncology)

\$860,060 08/01/2009 - 07/31/2014

*Enhancement of Antileukemic Activity by Gold Nanoparticles*

NICHOLAS KOTOV (Chemical Engineering Dept)

with CEM AKIN

\$305,887 07/01/2009 - 06/30/2011

*Neighborhoods and CVD Risk in a Multiethnic Cohort*

ANA V DIEZ ROUX (Epidemiology Department)

with AMY H AUCHINCLOSS

DANIEL G BROWN

JEFFREY D MORENOFF

TRIVELLORE E RAGHUNATHAN

\$3,465,958 06/01/2009 - 05/31/2014

*Integration of EGFR Inhibitors with Radiochemotherapy in Head and Neck Cancer*

MUKESH KUMAR NYATI (Radiation Oncology - Ann Arbor)

with ARUN SREEKUMAR  
AVRAHAM EISBRUCH  
CAROL ROSSIER BRADFORD  
DANIEL P NORMOLLE  
FRANCIS P WORDEN  
NISHA J D'SILVA  
SHRUTI JOLLY  
THEODORE S LAWRENCE

\$1,616,150 03/01/2009 - 02/28/2014

*Elucidating the Molecular Characteristics of 'Delta'FosB as a Transcriptional Activator*

GABRIELLE RUDENKO (Life Sciences Institute-Admin)

\$97,264 06/01/2009 - 05/31/2011

*Effects of Glycemic Control on Immunity*

THOMAS PATRICK SHANLEY (Pediatrics-Intensive Care)

with RICHARD G OHYE

\$1,575,774 06/01/2009 - 05/31/2013

*Stroke Health and Risk Education (SHARE)*

DEVIN L BROWN (Neurology Department)

LEWIS B MORGENSTERN (Neurology Department)

with BRISA N SANCHEZ  
KENNETH RESNICOW  
LYNDA DIANE LISABETH

\$3,207,503 06/15/2009 - 05/31/2010

*Distinctive Glycan Fingerprints of Pancreatic Cancer for Plasma Detection*

DAVID E MISEK (General Surgery Section)

with DAVID M LUBMAN  
DIANE M SIMEONE  
KERBY A SHEDDEN  
THOMAS J GIORDANO

\$1,602,940 07/01/2009 - 05/31/2014

*Small Molecule Inhibitors of the Transcriptional Activators ESX and NF-kB*

ANNA K MAPP (LSA Chemistry)

with DAVID H SHERMAN

\$1,537,761 05/20/2009 - 02/28/2014

*Developing an Intervention to Address Suicide Risk During Substance Use Disorder Treatment*

MARK ANDREW ILGEN (Psych HlthSvc Outcome Research)

with FREDERIC C BLOW  
STEPHEN THOMAS CHERMACK

\$424,875 06/01/2009 - 05/31/2011

*The Pharmacological Treatment of Fabry Disease*

JAMES ALAN SHAYMAN (Int Med-Nephrology)

with PETER F BODARY  
SUBRAMANIAM PENNATHUR

\$1,700,337 07/01/2009 - 04/30/2014



*Cue-triggered Reward Seeking*

KENT C BERRIDGE (LSA Psychology)

with J WAYNE ALDRIDGE

\$1,738,125 07/01/2009 - 06/30/2014

*Protection from Aminoglycoside Ototoxicity*

JOCHEN H SCHACHT (Kresge Hearing Research Inst)

\$1,628,590 07/01/2009 - 06/30/2014

*Development of the Sense of Taste*

CHARLOTTE M MISTRETTA (DENT Bio & Materials Science)

with DEBORAH L GUMUCIO

\$1,635,770 07/01/2009 - 06/30/2014

*Genome-wide Scan for Genetic Variants Associated with Early-onset Prostate Cancer*

KATHLEEN A COONEY (Int Med-Hematology/Oncology)

\$2,513,595 07/01/2009 - 06/30/2012

*Image Biomarker Development for Treatment Efficacy of Prostate Cancer to the Bone*

BRIAN DALE ROSS (Radiology Department)

with ALNAWAZ REHEMTULLA

CHARLES R MEYER

CRAIG J GALBAN

DEBORAH ANN BRADLEY

JON A JACOBSON

KENNETH J PIENTA

MAHA HUSSAIN

THOMAS L CHENEVERT

TIMOTHY D JOHNSON

\$1,075,349 05/21/2009 - 04/30/2011

*Individual Differences in Incentive Salience Attribution: Relevance to Addiction*

SHELLY BETH FLAGEL (Molecular & Behav Neurosc Inst)

\$151,750 06/01/2009 - 05/31/2011

*PKC-Beta Regulation of the Dopamine Transporter Trafficking*

RONG CHEN (Pharmacology Department)

with MARGARET E GNEGY

\$154,500 06/01/2009 - 05/31/2011

*Regulation of Neuron Development & Ciliary Function by Microtubule Glutamylation*

KRISTEN J VERHEY (Cell and Developmental Biology)

\$297,948 07/01/2009 - 06/30/2012

*Across-site Patterns of Modulation Detection: Relation to Speech Recognition*

BRYAN E PFINGST (Kresge Hearing Research Inst)

with TERESA A ZWOLAN

\$97,264 06/23/2009 - 06/22/2011

*ISEE 21st Annual Conference 2009*

MARIE SYLVIA O'NEILL (Environmental Health Sciences)

\$10,000 07/01/2009 - 06/30/2010

*Mechanisms Underlying Mechanical Properties of Muscle-tendon Units*

SUSAN BROOKS HERZOG (Molec & Integrative Physiology)

\$60,256 06/10/2009 - 08/31/2010

*Development of a Total Artificial Lung*

ROBERT HAWES BARTLETT (General Surgery Section)

\$21,717 06/01/2009 - 08/31/2010

*NHLBI Summer Supplement - Microfluidic Tissue Engineering of Small Airway Injuries (F014887)*

SHUICHI TAKAYAMA (Biomedical Engineering)

\$22,248 06/01/2009 - 08/31/2010

*Engineering Multi-tissue Interfaces (F021470)*

PAUL H KREBSBACH (DENT Bio & Materials Science)

\$7,107 06/02/2009 - 05/31/2010

*Dietary Regulation of Pancreatic Digestive Enzymes (F021894)*

JOHN ANDREW WILLIAMS (Molec & Integrative Physiology)

\$38,217 06/15/2009 - 05/31/2011

*Engineering Innervated Muscle-Tendon Constructs for Tissue Regeneration*

LISA M LARKIN (Molec & Integrative Physiology)

\$86,192 06/10/2009 - 08/31/2010

*Reactive Oxygen Species: Stress and Damage in Old Muscles (09-060 Supp)*

JOHN A FAULKNER (Molec & Integrative Physiology)

\$78,684 07/01/2009 - 10/31/2010

*Influence of Troponin I Phosphorylation by PKC on Contractile Function (F0174924)*

MARGARET V WESTFALL (Cardiac Surgery Section)

\$21,717 06/01/2009 - 10/31/2010

*Mechanisms of Gastric Mucosal Transformation in Hip1r-Deficient Mice (09-060 Supp)*

LINDA C SAMUELSON (Molec & Integrative Physiology)

\$38,217 06/15/2009 - 05/31/2011

*Parameters Governing Kidney Cell Infection with BKV*

MICHAEL J IMPERIALE (Microbiology and Immunology)

with DIANE M CIBRIK

\$19,056 06/05/2009 - 10/31/2009

*Coordination of Signaling During Phagocytosis (F012502)*

JOEL A SWANSON (Microbiology and Immunology)

\$21,630 06/05/2009 - 10/31/2009

*Analysis of L. Pneumophillia Virulence Regulation*

MICHELE S SWANSON (Microbiology and Immunology)

\$15,759 06/05/2009 - 10/31/2009

*Cloning A Major Gene For Mouse Adenovirus Susceptibility (F014591)*

KATHERINE SPINDLER (Microbiology and Immunology)

\$76,014 06/05/2009 - 09/30/2010

*Conformation- Selectivity Relations of Opioid Peptides*

HENRY I MOSBERG (PHARMACY Medicinal Chemistry)

\$152,955 08/01/2009 - 01/31/2013

*Supplement to Prostate SPORE Providing Summer Research Experiences for Students*

KENNETH J PIENTA (Univ of Mich Cancer Center)

with MAHA HUSSAIN

MARK L DAY

\$163,548 06/01/2009 - 09/30/2010

*Center for Neural Communication Technology*

DARYL R KIPKE (Biomedical Engineering)

\$38,698 06/05/2009 - 08/31/2010

*A Mediterranean Diet in Colon Cancer Prevention: GC/MS for fatty acid analysis in colon biopsies*

ZORA DJURIC (Department of Family Medicine)

\$38,112 06/01/2009 - 09/30/2010

*Pharmacology of Dopamine Release by Amphetamine - Summer Research Experience - BG*

MARGARET E GNEGY (Pharmacology Department)

\$20,694 06/01/2009 - 10/31/2009

*Summer Research with NIDA - Supplement of Drug Use in Latin American Youth: Longitudinal Study from Infancy to Adolescence*

JORGE DELVA (School of Social Work)

\$5,465 06/15/2009 - 03/31/2010

*Extension of IPA for Austra Liepa*

DEBRA A THOMPSON (Ophthalmology & Visual Science)

\$5,900 05/01/2009 - 04/30/2010

*Rhinovirus and Airway Epithelial Cell Responses (F015237)*

MARC B HERSHENSON (Pediatrics-Pulmonary Medicine)

\$23,978 06/01/2009 - 08/31/2010

**Homeland Security, Department of**

*Au-Thiolate Nanoparticles as Interfacial Layers on Microsensor Arrays for Trace Explosive Vapor Detection*

EDWARD T ZELLERS (Environmental Health Sciences)

with CAGLIYAN KURDAK

\$458,674 09/29/2006 - 07/06/2010

**ICON Clinical Research, Inc.**

*Pilot Study of Novel Combinations of Maraviroc + Atazanavir/ritonavir vs Atazanavir/ritonavir + Emtricitabine/tenofovir for the Treatment of Treatment Naive HIV-Infected Patients with R5 HIV-1*

JAMES RIDDELL IV (Int Med-Infectious Diseases)

\$32,732 06/01/2009 - 05/31/2011

**Indiana University**

*Synthesis of E3330*

HOLLIS D SHOWALTER (PHARMACY Medicinal Chemistry)

\$12,558 06/05/2009 - 09/04/2009

**Intel Corporation***Polymorphic Multicore Cache Architecture*

THOMAS F WENISCH (COE EECS - CSE - ACAL)  
\$40,000 09/01/2009 - 08/31/2010

**Intelligent Transportation Society***ITS Michigan May 2009*

PETER FRANK SWEATMAN (UMTRI-Administration / Library)  
\$18,000 05/01/2009 - 04/30/2010

**Jet Propulsion Laboratory***Constraining the Cold Gas and Dust in Cooling Flows*

JOEL N BREGMAN (LSA Astronomy)  
\$19,008 03/23/2009 - 09/30/2011

*Monitoring Microdischarges from Martian Dust Storms during DSN Downlinks*

NILTON O RENNO (Atm, Oceanic & Space Sci.)  
\$46,700 05/14/2009 - 05/11/2010

*Space and Near-Space Student Mission Opportunities at the University of Michigan*

JAMES W CUTLER (Aerospace Engineering)  
\$20,000 06/15/2009 - 09/30/2009

*Hidden Star Formation in Elliptical Galaxies*

JOEL N BREGMAN (LSA Astronomy)  
\$21,915 06/04/2009 - 06/30/2010

**Johns Hopkins University***Validation of Serum Biomarkers for the Early Detection of HCC*

JORGE A MARRERO (Int Med-Gastroenterology)  
\$33,140 10/01/2008 - 05/31/2009

**Johnson, Robert Wood, Foundation***2008 Third-year Awardee*

GEORGE A KAPLAN (Epidemiology Department)  
with J RICHARD PILSNER  
\$56,000 09/01/2009 - 08/31/2010

*RWJ Clinical Scholars Cohort 2009-2011*

RODNEY A HAYWARD (Int Med-General Medicine)  
\$1,085,886 07/01/2009 - 06/30/2011

**Kentucky Educational Television***Trends in Media Use and Their Implication for the Design of GED2012*

JEROME JOHNSTON (RCGD-Communication/Education)  
\$17,719 05/01/2009 - 12/31/2009

**L-3 Communications***Support for University Research in Vacuum Electronics (Gift)*

RONALD M GILGENBACH (Nuclear Eng & Radiological Sci)  
\$10,000 07/01/2009 - 06/30/2010

**Lafarge Corporation, The**

*Lafarge Instant Innovation - Wed May 27 10:34:11 EDT 2009*

SHIXIN JACK HU (CoE - Corporate Relations)

\$15,000 06/22/2009 - 07/06/2009

**Leukemia Research Foundation**

*Discovery of Novel DOT1L Inhibitors Using Multiple High-throughput Screening*

ZANETA NIKOLOVSKA-COLESKA (Pathology Department)

\$96,350 07/01/2009 - 06/30/2010

**Library of Congress**

*Data Preservation Alliance for the Social Sciences (Data-PASS)*

MYRON P GUTMANN (ICPSR-Archival Development)

\$274,832 05/08/2009 - 06/01/2010

**Lilly, Eli, and Company**

*4th Annual Great Lakes DMDG Meeting*

YOICHI OSAWA (Pharmacology Department)

\$5,000 04/29/2009 - 05/01/2009

**Limno-Tech, Inc.**

*Lake Michigan Modeling*

ALLEN BURTON (SNRE CILER)

\$8,000 05/30/2009 - 09/30/2009

**LiveFuels, Inc**

*Algae Oil Extraction*

PHILLIP E SAVAGE (Chemical Engineering Dept)

\$15,450 05/20/2009 - 09/30/2009

**Lustgarten, Foundation for Pancreatic Cancer Research**

*Discovery of Chimeric Transcripts in Pancreatic Cancer using High-throughput Sequencing*

CHANDAN KUMAR (Ctr fr Translational Pathology)

with ARUL M CHINNAIYAN

\$100,000 01/01/2009 - 12/31/2009

**Massachusetts General Hospital**

*Creatine Safety, Tolerability, & Efficacy in Huntington's Disease*

KELVIN LIN-YU CHOU (Neurology Department)

\$82,000 07/01/2008 - 06/30/2009

**Meso Scale Diagnostics**

*Automated Multi-Array Assay Platform for Cancer Biomarkers*

XIAOJU WANG (Ctr fr Translational Pathology)

\$17,982 03/01/2009 - 08/31/2011

**Michigan, State of, Environmental Quality, Department of**

*Benchmarking Current States' Wet Weather Discharge Policies*

JONATHAN W BULKLEY (Sch of Nat Resources & Environ)

\$24,975 05/01/2009 - 09/30/2009

**Michigan, State of, Human Services, Department of**

*Statewide Delivery of Training Medical Findings in Child Abuse and Neglect as Related to Child Protective Services, Foster Care, Juvenile Justice, and Adoption Services*

BETHANY A MOHR (Pediatric Hospitalists)

with LISA MARKMAN

\$50,000 02/20/2008 - 09/30/2010

*Michigan AmeriCorps Partnership - 2009 Recovery*

MARGARET E DEWAR (Community Service Learning)

\$296,863 05/01/2009 - 04/30/2010

**Michigan, State of, Natural Resources, Department of**

*Reproductive and Recruitment Success of Walleye in the Muskegon River*

EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)

\$82,732 01/20/2009 - 12/31/2010

**Michigan, State of, State Police, Department of**

*Public Safety Police Training*

CHARLES A NOFFSINGER (Staff Operations Bureau)

with EUGENE A WEINCOUFF JR

\$12,100 01/01/2008 - 12/31/2010

**Michigan Technological University**

*Disturbance, Succession and Forest Carbon Dynamics: An Ecosystem-Scale Experiment at the UMBS AmeriFlux Site*

CHRISTOPH S VOGEL (LSA Biological Station)

\$119,412 09/01/2006 - 08/31/2010

**Mid-Michigan Community Action Agency**

*Design, Implementation, and Coordination of a Community Gardening Program in Mid-Michigan (Bay, Clare, Gladwin, Mecosta, Midland, and Osceola Counties)*

JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)

\$18,138 05/01/2009 - 10/31/2009

**Mirotznik, Charles M.**

*Design and Construction of a Working LUNIT Module*

MONICA PONCE DE LEON (Coll of Arch & Urban Planning)

\$26,029 05/01/2009 - 08/31/2009

**Mott, Charles Stewart, Foundation**

*Flint River Re-Vitalization*

JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)

\$85,000 03/01/2009 - 02/28/2011

**National Academy of Sciences**

*Review of Canadian and Mexican Experience with Large Commercial Vehicles*

JOHN WOODROOFFE (UMTRI-Transp. Safety Analysis)

\$100,000 01/27/2008 - 04/30/2010

**National Action Council for Minorities in Engineering, Inc.**

*Recruitment of Sloan Fellowship Program*

BRADFORD G ORR (LSA Applied Physics)

\$4,000 01/01/2009 - 12/31/2015

**National Aeronautics and Space Administration**

*A Multi-Wavelength Study of Black Hole States with INTEGRAL*

JON MATTHEW MILLER (LSA Astronomy)

\$40,000 04/29/2009 - 04/28/2010

*3-Dimensional Interchange Reconnection: Theory and Applications in Solar and Heliospheric Physics*

THOMAS H ZURBUCHEN (Atm, Oceanic & Space Sci.)

\$30,000 07/01/2009 - 06/30/2010

*Non-intrusive Measurement of Electric Field in Pulsed Nanosecond Discharge for Plasma-aided Combustion*

JOHN EDISON FOSTER (Nuclear Eng & Radiological Sci)

\$30,000 05/20/2009 - 05/19/2010

*Integrated Vehicle Health Management Through Data-based Model Updating and Input Reconstruction*

DENNIS S BERNSTEIN (Aerospace Engineering)

with ANTHONY MARIO D'AMATO

\$30,000 07/01/2009 - 06/30/2010

*Use of Cavity Ring-down Spectroscopy to Characterize Discharge Channel Wall Erosion of The NASA HIVHAC Hall Thruster*

ALEC D GALLIMORE (Aerospace Engineering)

\$30,000 09/01/2009 - 08/31/2010

*Reconfigurable Processing and Computational Vulnerabilities*

JOHN H HOLLAND (COE EECS - CSE - AI)

\$30,000 07/01/2009 - 06/30/2010

*Sample Analysis at Mars (SAM) Launch Delay, Instrument Development Support Activities*

CHARLES J M EDMONSON JR (Space Physics Research Lab)

\$603,194 11/17/2005 - 11/01/2011

**National Foundation for the Centers for Disease Control & Prevention Inc.(CDC Foundation)**

*Universal Data And Serum Specimen Collection System for Hemophilia (Yr 5)*

PAULA L BOCKENSTEDT (Int Med-Hematology/Oncology)

\$10,134 04/16/2009 - 07/15/2009

**National Hemophilia Foundation, The**

*Fine Structure-function Mapping VWF-FVIII Interaction*

DAVID GINSBURG (Life Sciences Institute-Admin)

\$84,000 07/01/2009 - 06/30/2011

**National Kidney Foundation**

*Heart Rate Variability in Chronic Kidney Disease*

RAJIV SARAN (Int Med-Nephrology)

\$100,000 07/01/2009 - 06/30/2011

**National Science Foundation**

*Understanding the Asymmetric Thermospheric Response to Polar Driving*

AARON JAMES RIDLEY (Atm, Oceanic & Space Sci.)

\$366,724 06/15/2009 - 05/31/2013

*The Role of Axonal Transport Machinery in Signal Transduction*  
 CATHERINE A COLLINS (LSA Molec./Cell./Develop. Bio)  
 \$482,974 09/01/2009 - 08/31/2012

*CAREER: Understanding the Logic of Chaperone-Assisted Protein Folding in Cells*  
 JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)  
 \$743,070 08/01/2009 - 07/31/2014

*The Spatial Context of Political Phenomena*  
 ELISABETH GERBER (CPS- Ctr for Political Studies)  
 \$81,600 09/01/2009 - 08/31/2010

*Collaborative Research: The Measurement and Identification of Media Priming Effects in Political Science*  
 NICHOLAS A VALENTINO (CPS- Ctr for Political Studies)  
 \$251,905 07/01/2009 - 06/30/2011

*Community Phylogeny and Global Phylogeography of the Neuston*  
 DIARMAID O'FOIGHIL (LSA Zoology Museum)  
 \$381,829 05/01/2009 - 05/31/2012

*Field Experiments on the Provision of Incentives for Blood Donation*  
 MARIO MACIS (ROSS SCH Research Support)  
 \$192,587 07/01/2009 - 06/30/2011

*FRG: Collaborative Research: Mathematical Modeling of Rechargeable Batteries*  
 KATSUYO S THORNTON (Materials Science & Engin.)  
 \$316,251 06/01/2009 - 05/31/2012

*Search for Gravitational Waves from Spinning Neutron Stars*  
 KEITH RILES (LSA Physics)  
 \$1,117,581 07/01/2009 - 06/30/2012

*RI:Medium:Building Flexible, Robust, and Autonomous Agents*  
 SATINDER SINGH BAVEJA (COE EECS - CSE - AI)  
 with JOHN E LAIRD  
 RICHARD L LEWIS  
 THAD A POLK  
 \$1,199,997 07/01/2009 - 06/30/2013

*Understanding the Atomic Structure and Electronic Properties of Zinc Oxide Interfaces*  
 XIAOQING PAN (Materials Science & Engin.)  
 \$491,942 07/01/2009 - 06/30/2012

*Constructive Existence Proofs in Multi-Dimensional Compressible Inviscid Flow*  
 VOLKER WILHELM ELLING (LSA Mathematics)  
 \$140,082 06/15/2009 - 05/31/2012

*Geomagnetic Field Characteristics in the Paleozoic Based on Three Very Extensive Extrusive Sequences*  
 ROB VAN DER VOO (LSA Geological Sciences)  
 \$215,000 06/15/2009 - 05/31/2012

*Dissertation Research: Local Adaptation of Stress Physiology in Rana Sylvatica*  
 EARL E WERNER (LSA Ecology & Evolutionary Bio)  
 \$8,000 06/01/2009 - 05/31/2011



*IPA Extension Agreement for Pinaki Mazumder*

PINAKI MAZUMDER (COE EECS - CSE - RTCL)

\$127,606 01/02/2009 - 07/31/2009

*CIF: Small: Collaborative Research: Towards a Paradigm-shift in Distributed Information Processing  
Harnessing Group-structure and Interaction*

SANDEEP P SADANANDARAO (COE EECS - ECE - Cspl)

\$249,984 07/01/2009 - 06/30/2012

*Supplemental Funding Request: A Multistability Framework for Modeling and Control of Hysteretic  
Damping and Friction*

DENNIS S BERNSTEIN (Aerospace Engineering)

\$5,000 09/01/2008 - 08/31/2011

*The Neuroendocrine Stress Axis in Amphibian Physiology and Development*

ROBERT J DENVER (LSA Molec./Cell./Develop. Bio)

\$807,630 09/01/2009 - 08/31/2013

*Design, Validation, and Dissemination of Measures of Content Knowledge for Teaching Mathematics  
Supplemental Activities*

HYMAN BASS (School of Education)

with STEPHEN GERARD SCHILLING

\$78,223 06/02/2009 - 08/31/2009

*Industry/University Cooperative Research Center for Intelligence Maintenance Systems (IMS): Five-year  
Renewal Proposal*

JUN NI (Mechanical Engineering)

\$50,000 06/04/2009 - 08/31/2010

*REU: Sherry Shen*

LAURA J OLSEN (LSA Molec./Cell./Develop. Bio)

\$6,000 05/28/2009 - 09/30/2009

*REU Supplement: Impact Response and Failure of Bio-Composites*

ALAN ARGENTO (Dbn Coll of Eng-Mechanical Eng)

\$12,000 04/27/2009 - 12/31/2009

*REU Supplement: Colloidal Gels Formed by Anisotropic Pair Potential Interactions*

MICHAEL J SOLOMON (Chemical Engineering Dept)

\$6,000 06/01/2009 - 05/31/2012

*Evaluating Impact of the 2009 American Recovery and Reinvestment Act on Social Science: An NSF  
RAPID Proposal*

AMY PIENTA (ICPSR-Archival Development)

with MYRON P GUTMANN

\$199,879 06/15/2009 - 05/31/2010

*NSF\_IUCRC\_Supplemental\_Summer\_Students*

JYOTIRMOY MAZUMDER (CoE Claims Lab)

\$15,773 06/02/2009 - 09/30/2010

*Research Proposal for REU*

GEORG A RAITHEL (LSA Physics)

\$5,000 06/04/2009 - 06/30/2010

*REU Supplement: NSF FRG: Tailoring the Properties of Dilute Nitride Semiconductor Alloys*

RACHEL S GOLDMAN (Materials Science & Engin.)

\$10,000 06/01/2009 - 05/31/2010

*Next-Generation, High-Sensitivity Damage Detection and Sensing Based on Enhancing Nonlinear Dynamics and Phase Pattern Recognition: Supplemental*

BOGDAN EPUREANU (Mechanical Engineering)

\$2,999 10/01/2006 - 09/30/2010

*Collaborative Research: Tissue Cutting Mechanics - Investigation of the Effective and minimally Invasive Biopsy*

ALBERT J SHIH (CoE Wu Mfg Research Center)

\$11,250 01/01/2009 - 12/31/2011

#### **National Writing Project**

*Oakland Michigan Writing Project*

LAURA JANE ROOP (School of Education)

\$46,000 07/01/2009 - 06/30/2010

#### **Neighborhood Senior Services**

*COBO Substance Abuse Prevention*

DARLENE KNAPP RACZ (UMH Geri Ctr SW Non-Prgm Proj)

\$24,656 10/01/2008 - 09/30/2010

#### **NephCure Foundation**

*Towards Personalized Molecular Medicine of Nephrotic Syndrome: Transcriptional Network Analysis to Predict Treatment Response in FSGS*

MATTHIAS KRETZLER (Int Med-Nephrology)

\$130,000 07/01/2009 - 06/30/2011

#### **New Mexico, State of**

*Project IDEAL State Membership New Mexico*

JEROME JOHNSTON (ISR-Proposals & Contracts)

\$3,000 07/01/2009 - 06/30/2010

#### **North Carolina, State of, Community College System**

*Project IDEAL State Membership North Carolina*

JEROME JOHNSTON (RCGD-Rsrch Cntr for Grp Dyn)

\$23,022 07/01/2009 - 05/30/2010

#### **Northwestern University**

*Constituting Bodies of Islamic Knowledge II: Activity IIA: An Anthology of Sufi Literature from Senegambia*

RUDOLPH T WARE (LSA History)

\$25,484 03/01/2009 - 02/28/2010

#### **Oak Ridge National Laboratory**

*Identifying Mechanisms and Mitigation Strategies for Irradiation Assisted Stress Corrosion Cracking of Austenitic Steels in LWR Core Components*

GARY S WAS (Nuclear Eng & Radiological Sci)

\$46,000 01/01/2009 - 12/31/2013

*Hardware Fabrication for the Personal Dead-reckoning System Phase II*

JOHANN BORENSTEIN (Mechanical Engineering)

\$9,986 06/01/2009 - 06/26/2009

**Ohio State University, The**

*Mucoadhesive Patch Delivery of Fenretinide and Berry Anthocyanins for Oral Cancer Chempre*

STEVEN P SCHWENDEMAN (PHARMACY Pharmaceutical Sci)

\$25,000 07/01/2009 - 02/28/2010

**Online Computer Library Center, Inc.**

*OAster Website Maintenance*

JOHN PRICE WILKIN (Library Administration)

\$5,000 07/01/2009 - 09/30/2009

**Paralyzed Veterans of America (PVA)**

*The University of Michigan Health Professionals Research Training Program*

CLAIRE Z KALPAKJIAN (Physical Medicine & Rehab Dept)

with SUSAN LYNN MURPHY

\$51,192 06/01/2009 - 05/31/2011

**Pennsylvania State University**

*Diagnosing the Effects of Climatic Variability on Ecosystem-Atmosphere Exchange of Carbon Dioxide*

ANNA MARTA MICHALAK (Civil & Environmental Engr)

\$61,099 04/01/2009 - 03/31/2010

**Pfeiffer, Gustavus and Louise, Foundation**

*Parkinson's Disease: Interactions Between Stage of Disease, Treatment, and Motor and Cognitive Performance*

RACHAEL D SEIDLER (School of Kinesiology)

with MARTIJN LTM MULLER

\$74,953 01/01/2009 - 12/31/2009

**Pfizer**

*Collection of Biofluid Samples from Patients with Skin Vascular Injury*

YOLANDA ROSI HELFRICH (Dermatology Department)

\$82,356 09/01/2008 - 12/31/2009

**Powertrain Engineering & Manufacturing Alliance (PEMA)**

*High Definition Metrology and Processes: 27m Manufacturing*

JUN NI (CoE Wu Mfg Research Center)

with MOHAMMED NAZRUL ISLAM

\$180,000 04/01/2009 - 03/31/2012

**PPD, Inc.**

*A Phase 4 Multicenter, Double-blind, Placebo-controlled, Parallel Study of Alvimopan for the Management of Postoperative Ileus in Subjects Undergoing Radical Cystectomy*

CHERYL T LEE (Urology Surgery)

with ALON ZADOK WEIZER  
KHALED S HAFEZ

\$138,142 05/20/2009 - 05/31/2011

*A Multicenter, Randomized, Double-blind, Placebo-controlled, Multiple Dose Study of the Safety, Tolerability and Population Pharmacokinetics of CMX001 in Post-transplant Subjects with BK Virus Viruria*

DANIEL RICHARD KAUL (Int Med-Infectious Diseases)

\$52,615 06/04/2009 - 06/03/2011

*Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Evaluate the Safety and Efficacy of Inhaled Ciprofloxacin Compared to Placebo in Subjects with Cystic Fibrosis*

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

with AMY G FILBRUN  
CAREY NIEN-KAI LUMENG

\$10,200 05/27/2008 - 05/26/2010

**Pratt and Whitney Aircraft**

*Advanced Modeling for Prognosis of Turbine Engine Rotors*

BOGDAN EPUREANU (Mechanical Engineering)

\$215,850 11/01/2008 - 12/31/2010

**Praxls, Inc**

*MIS Sensor Design Team Support*

CHRISTOPHER S RUF (Space Physics Research Lab)

\$232,763 02/23/2009 - 02/26/2010

**Quintiles, Inc**

*2008.110: A Phase 2 Trial of MLN8237, an Oral Aurora A Kinase Inhibitor, in Adult Patients with Acute Myelogenous Leukemia and High-Grade Myelodysplastic Syndrome*

HARRY P ERBA (Int Med-Hematology/Oncology)

\$382,190 06/01/2009 - 11/30/2012

**Radiological Society of North America**

*Identification of Anti-neoplastic FADD Kinase Inhibitors Utilizing a Molecular Imaging-based High Throughput Screen*

ALNAWAZ REHEMTULLA (Radiation Oncology - Ann Arbor)

\$30,000 07/01/2009 - 06/30/2010

**Research to Prevent Blindness, Inc.**

*Insights on Glaucoma from Analysis of CIGTS Outcome Data*

DAVID C MUSCH (Ophthalmology & Visual Science)

\$60,000 07/01/2009 - 06/30/2010

*X-linked Inhibitor of Apoptosis as a Modulator of Photoreceptor Cell Death During Retinal Detachment*

DAVID N ZACKS (Ophthalmology & Visual Science)

\$55,000 07/01/2009 - 06/30/2011

**Rutgers University**

*Moving Beyond Conceptual Models: Developing Assessments to Validate and Study Learning Progressions*

JOSEPH S KRAJCIK (SOE-Educational Studies)

\$94,065 09/15/2008 - 04/30/2010

**Sandia National Laboratories**

*Trucks Involved in Fatal Accidents – Supplemental Data*

JOHN WOODROOFFE (UMTRI-Transp. Safety Analysis)

with DANIEL F BLOWER

OLIVER A PAGE

PAUL ERIC GREEN

\$10,000 01/01/2009 - 12/31/2009

*Network Krieging and Tomography and Their Applications to Information Networks*

GEORGE MICHAILIDIS (LSA Statistics)

\$17,000 05/18/2009 - 07/24/2009

*A Multisensor Fusion Approach to the Solution of Inverse Radiation Transport Problems*

SARA A POZZI (Nuclear Eng & Radiological Sci)

\$42,500 12/01/2008 - 11/30/2009

**Science Applications International Corporation**

*2009 South Eastern Michigan High School Ground Robotics Competition*

ALAN ARGENTO (Dbn Col of Eng & Computer Sci.)

with NARASIMHAMURTHI NATARAJAN

SUBRATA SENGUPTA

\$32,665 04/01/2009 - 09/30/2009

**Signal Innovations Group, Inc**

*Fundamental Information Theoretic Performance Limits for ATR*

ALFRED O HERO III (COE EECS - ECE - Cspl)

\$50,000 04/01/2009 - 08/31/2010

**Smithsonian Institution**

*Crustal Cooling in the Neutron Star KS 1731-260.*

JON MATTHEW MILLER (LSA Astronomy)

\$39,497 05/19/2009 - 05/18/2011

*Dust-to-Gas Ratio of High Redshift Galaxies*

JOEL N BREGMAN (LSA Astronomy)

\$15,726 05/20/2009 - 05/19/2010

**Society of Family Planning**

*Strengthening Human Resources for Abortion: Self-Care for the Abortion Team*

LISA H HARRIS (Obstetrics and Gynecology Dept)

with JANE A HASSINGER

\$120,000 10/01/2009 - 10/01/2011

**Starfish Family Services**

*University of Michigan Proposal to Starfish Family Services: Evaluation of the Family Success Model: An Antipoverty Initiative*

SANDRA K DANZIGER (G. Ford Sc Pub Pol)  
\$208,372 01/01/2009 - 12/31/2011

**Stemmler Fund-National Board of Medical Examiners (NBME)**

*Assessing Medical Student Performance on Phone Consultations with Nurses: A Validity and Feasibility Study*

LINNEA HAUGE (Med Ed/Ofc of Ed Resources&Res)  
with LARRY D GRUPPEN  
MELISSA ELIZABETH BRUNSVOLD  
\$149,963 07/01/2009 - 06/30/2011

**The Church of Jesus Christ of Latter-Day Saints**

*Tianjin, China Asthma Education Program*

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)  
\$68,940 06/01/2009 - 05/31/2010

**The Fund for Cancer Research**

*Prostate Cancer Androgen-independence Transition Involves Prostate Cancer Stem Cells that Are Regulated by microRNA miR-34*

LIANG XU (Radiation Oncology - Ann Arbor)  
\$75,000 06/01/2009 - 05/31/2010

**The Goldhirsh Foundation**

*Do Glioblastomas Follow a Cancer Stem Cell Model*

SEAN MORRISON (Life Sciences Institute-Admin)  
\$100,000 07/01/2009 - 06/30/2010

**Tokyo Electron, Ltd**

*Process Modeling of Advanced Plasma Equipment Using Hybrid Excitation Schemes*

MARK KUSHNER (COE EECS - ECE - Rad)  
\$63,750 12/01/2008 - 05/31/2010

**Toyota Engineering & Manufacturing North America (TEMA)**

*NSF IUCRC Industry Membership 09-10*

JYOTIRMOY MAZUMDER (Mechanical Engineering)  
\$30,000 03/23/2009 - 03/22/2010

**Transportation, Department of-National Highway Traffic Safety Administration**

*Discretionary Cooperative Agreement to Support Biomechanical Research: Knee-Thigh-Hip Injury Research, Abdomen Response and Injury in Side Impact and Child ATD Anthropometry*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)  
with JINGWEN HU  
KATHLEEN DESANTIS KLINICH  
MATTHEW PAUL REED  
\$550,000 04/20/2009 - 04/19/2010

**University Health Network**

*CIHR Team in Psoriasis and Psoriatic Arthritis*

JAMES T ELDER (Dermatology Department)  
\$158,813 04/01/2009 - 09/30/2012

**University of Illinois at Chicago**

*Bridging the Gap: Research Informing Practice and Policy for Healthy Youth Behavior - First Supplement*  
SRO #09-0017S01

BETH-ELLEN PENNELL (SRO Director's Office)  
\$31,970 12/01/2008 - 11/30/2009

**University of Maryland, The**

*OGC-compliance Implementation and Validation for Land Information System Sensor Web (LISW) Framework*

ZHIWEI XU (Dbn Col of Eng-Computer & Info)  
\$10,043 05/01/2009 - 08/31/2009

*Errors in Housing Unit Listing*

BETH-ELLEN PENNELL (Survey Research Organization)  
\$15,000 04/10/2009 - 10/30/2009

**University of Minnesota**

*COST: The Coronary Screening for Kidney Transplantation (COST) Feasibility Study*

ALAN B LEICHTMAN (Int Med-Nephrology)  
\$5,000 01/02/2009 - 12/31/2009

**University of North Carolina at Chapel Hill**

*Patient Reported Outcomes Measurement Information Systems Independent Project (PROMIS)*

DAVID BERREY KERSHAW (Pediatrics-Nephrology)  
with D A MICHELE MILLS  
\$3,444 08/01/2008 - 07/31/2009

*SCCOR in Host Factors in Chronic Lung Disease. Project VI: Mucus Dehydration and Evolution in Lung Disease*

AMY G FILBRUN (Pediatrics-Pulmonary Medicine)  
\$26,080 03/20/2009 - 07/31/2009

**University of Southern California**

*Research on Advanced Organic Thin Film Electroluminescent Devices and Related Applications*

STEPHEN R FORREST (COE EECS - ECE Division)  
\$4,793,755 05/01/2006 - 04/30/2013

*Thin Film Solid State Organic Energy Conversion Devices*

STEPHEN R FORREST (COE EECS - ECE - SSEL)  
\$743,490 05/01/2009 - 04/30/2010

**University of the District of Columbia**

*Project IDEAL State Membership: District of Columbia*

JEROME JOHNSTON (RCGD-Communication/Education)  
\$17,850 10/01/2008 - 09/30/2009

**Van Andel Research Institute**

*Induced Glycan Alteration in Sup-Populations of Pancreatic Tumors*

DIANE M SIMEONE (General Surgery Section)  
\$10,000 04/01/2009 - 03/31/2010

**Various Sponsors**

*LNF Laboratory External Processing (Catch-up 7/06 - 6/09)*

KENSALL D WISE (COE EECS - ECE - SSEL)

\$1,472,734 07/01/2006 - 06/30/2009

*Recharge: Wheelchair Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$34,828 03/01/2007 - 02/28/2012

*Recharge: Child Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$19,700 03/01/2007 - 02/28/2012

*Grantee Support MI AmeriCorps Partnership - 2008-10*

MARGARET E DEWAR (Community Service Learning)

\$6,875 09/01/2008 - 05/31/2010

*Recharge: Clinical Research Assays*

DANIEL S MCCONNELL (Epidemiology Department)

\$29,608 07/01/2008 - 06/30/2009

*LNF Laboratory External Processing-7/1/09-6/30/2011*

KENSALL D WISE (COE EECS - ECE - SSEL)

\$4,166 07/01/2009 - 06/30/2011

*NNIN External Academic Users*

KENSALL D WISE (COE EECS - ECE - SSEL)

\$156,062 07/01/2008 - 06/30/2011

*MEMS Exchange Processing*

KENSALL D WISE (COE EECS - ECE - SSEL)

\$11,827 07/01/2006 - 06/30/2011

**Washtenaw Intermediate School District**

*Young people's project - Michigan: SE Michigan: Laying the groundwork for math literacy programs*

ROBERT E MEGGINSON (LSA Dean: Undergrad. Education)

\$15,000 01/02/2009 - 06/30/2009

**Wayne State University**

*Biobehavioral Studies of Opioid Drug Seeking Behavior*

MARGIT BURMEISTER (Molecular & Behav Neurosc Inst)

\$23,175 09/01/2008 - 05/31/2009

*ACE-Bupirone Autism Study*

CATHERINE LORD (UM Autism & Comm Disorders Ctr)

\$46,682 06/01/2009 - 01/31/2010