

**AWARDS ESTABLISHED**  
Research and Other Sponsored Activities  
July 1, 2010 through August 31, 2010

The awards detailed in this list were established July 1, 2010 through August 31, 2010. 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 2010	Number of Awards FY 2011	% Change	Value of Awards FY 2010	Value of Awards FY 2011	% Change
Total Awards Processed (July - August)	606	592	(2.3)%	225,001,226	238,437,350	6.0%
Research Awards	486	432	(11.1)%	213,823,930	190,173,633	-11.1%
Research Training	36	57	58.3%	5,806,445	30,908,423	432.3%
Other Sponsored Activity	84	103	22.6%	5,370,851	17,355,294	223.1%
<hr/>						
Total Awards Processed Fiscal Year to Date	606	592	(2.3)%	225,001,226	238,437,350	6.0%
Research Awards	486	432	(11.1)%	213,823,930	190,173,633	-11.1%
Research Training	36	57	58.3%	5,806,445	30,908,423	432.3%
Other Sponsored Activity	84	103	22.6%	5,370,851	17,355,294	223.1%

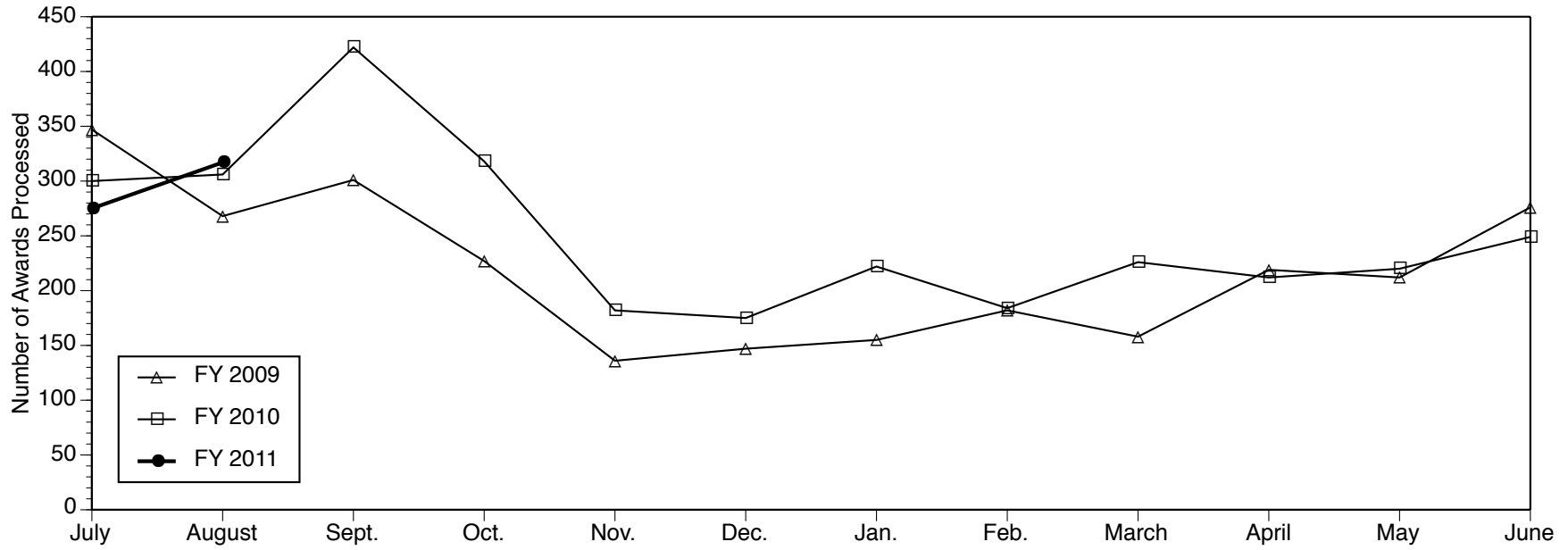
Total awards were moderately strong for the first two months of FY 2011 compared with the same time period in FY 2010. Research awards however, are in negative territory primary because of the ARRA (Stimulus) funding that was awarded in FY 2010. In the first two months of FY 2010, 115 research awards valued at \$66.6 million were awarded under the ARRA program. Only 20 such awards were made in the first two months of FY 2011 totaling \$7.6 million. Several large awards made for research training and other sponsored activity contributed to large increases in these two categories.

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

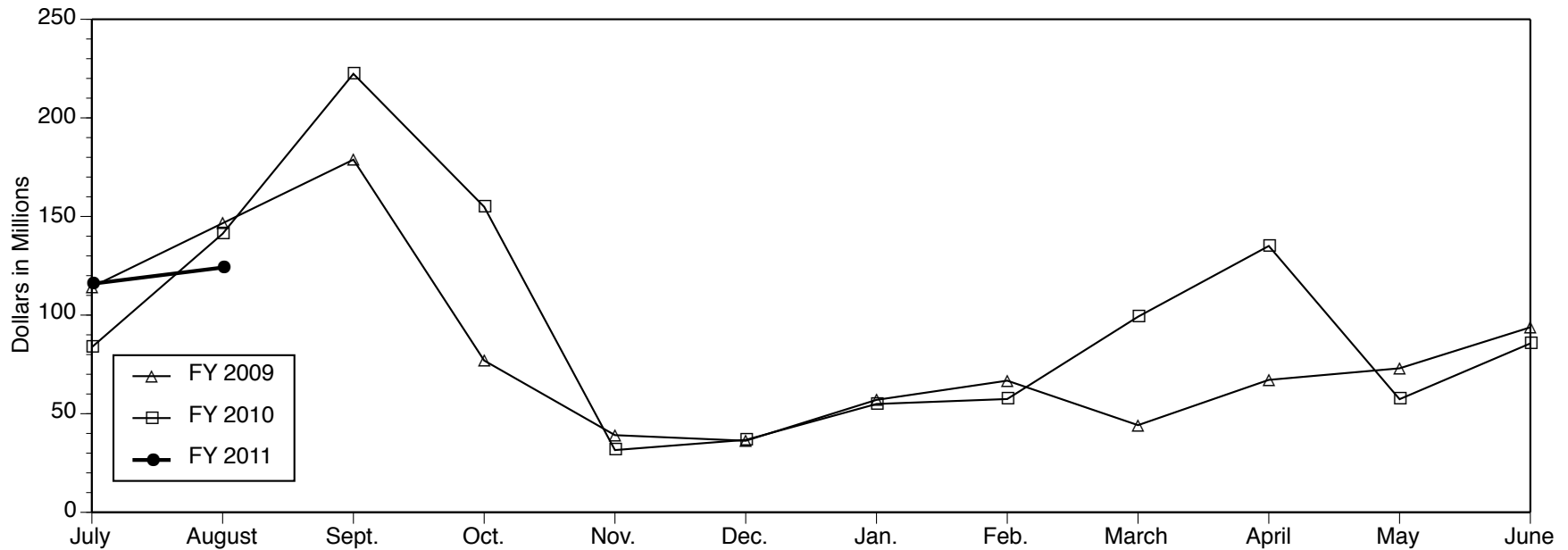
	Federal Expendable Restricted	Other Funds	Total Expenditures
July 2010	\$76,286,953	\$27,242,009	\$103,528,962
July 2009	\$70,763,457	\$25,002,632	\$95,766,088
Percent Change	7.8%	9.0%	8.1%

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

July 01, 2010 through August 31, 2010

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.

## **3M (Minnesota Mining and Manufacturing Company)**

*Clinical Evaluation of CAD/CAM-Generated Composite Inlays: 10 Year Evaluation*

DENNIS J FASBINDER (DENTCariology,Restor Sci &Endo)

\$16,835 04/05/2010 - 11/30/2010

## **Advocacy for Neuroacanthocytosis Patients**

*Purification and biochemical function of yeast Vps13 protein*

ROBERT S FULLER (Biological Chemistry Dept)

\$42,000 08/01/2010 - 07/31/2011

## **Aetna Corporation**

*International Student/Scholar Health Insurance Advisor Position (2010-11)*

LOUISE M BALDWIN (International Center)

\$21,938 09/01/2010 - 08/31/2011

## **Agriculture, Department of**

*McIntire Stennis 2010*

DONALD R ZAK (Sch of Nat Resources & Environ)

with INES IBANEZ

KATHLEEN MARY BERGEN

MARYCAROL ROSSITER HUNTER

WILLIAM S CURRIE

\$271,498 10/01/2009 - 09/30/2010

*Literature synthesis and meta-analysis of soil carbon changes with afforestation*

KNUTE J NADELHOFFER (LSA Biological Station)

\$20,395 08/25/2010 - 03/30/2011

## **Allen Foundation, Inc., The**

*Ypsilanti Health Initiative*

THERESA CUSIMANO (Community Service Learning)

\$5,000 09/01/2010 - 08/31/2011

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

*Nasal packing as a drug-delivery system postoperatively in chronic sinusitis*

JEFFREY E TERRELL (Otorhinolaryngology Department)

\$6,000 07/01/2010 - 06/30/2011

**American Association for Cancer Research, Inc.**

*Targeting Notch Signaling in Pancreatic Cancer Stem Cells*

DIANE M SIMEONE (GSA - Gastrointestinal (SGI))

\$200,000 07/01/2010 - 06/30/2012

*Targeting MLL in acute myeloid leukemia*

YALI DOU (Pathology Department)

\$50,000 09/01/2010 - 08/31/2011

**American Association of Neurological Surgeons (AANS)**

*Prevalence and Natural History of Arachnoid Cysts in Adults*

CORMAC MAHER (Neurosurgery)

\$2,500 05/31/2010 - 08/06/2010

**American College of Laboratory Animal Medicine Foundation (ACLAM)**

*Immunological impact of buprenorphine analgesia on a model of sepsis: Influences of strain, sex and disease severity*

JEAN ANN NEMZEK (Lab Animal Medicine Unit)

\$29,148 07/01/2010 - 06/30/2011

**American College of Surgeons**

*Cancer Stem Cells in Genetically Engineered Mouse Models of Pancreatic Cancer*

DIANE M SIMEONE (GSA - Gastrointestinal (SGI))

\$60,000 07/01/2010 - 06/30/2012

**American Council of Learned Societies**

*Frederick Burkhardt Residential Fellowship for Rita Chin*

RITA C-K CHIN (LSA History)

\$75,000 09/01/2010 - 05/31/2011

**American Dental Hygienist's Association Foundation**

*Community Garden Initiative*

WENDY ELLEN KERSCHBAUM (DENT Periodontics and Oral Med)

\$1,720 04/01/2010 - 10/31/2010

**American Federation for Aging Research**

*SIR-2.4 regulation of DAF-16 function in C. elegans*

DAVID LOMBARD (Pathology Department)

\$73,500 07/01/2010 - 06/30/2011

*CXCL12/CXCR4 Axis Promotion of BPH in the Aging Prostate*

SATHISH KASINA (Urology Surgery)

\$51,854 07/01/2010 - 06/30/2011

*Modulation of lifespan by the transsulfuration pathway*

SCOTT PLETCHER (Molec & Integrative Physiology)

\$50,210 07/01/2010 - 06/30/2011

**American Heart Association, Inc.**

*Spheroids for Vascular-Targeted Drug Delivery Application in Atherosclerosis*

LOLA ENIOLA-ADEFESO (Chemical Engineering Dept)

\$150,000 07/01/2010 - 06/30/2012

*Role of leukotrienes in mediating MyD88-induced NFkappaB activation: from the plasma membrane to the nucleus.*

MARC PETERS-GOLDEN (Int Med-Pulm./Critical Care)

\$308,000 07/01/2010 - 06/30/2014

**American Heart Association, Midwest Affiliate**

*Mechanism of norovirus entry*

CHRISTIANE E WOBUS (Microbiology and Immunology)

\$52,000 07/01/2010 - 06/30/2012

*Development of molecular intervention therapy for sickle cell disease*

JAMES DOUGLAS ENGEL (Cell and Developmental Biology)

\$90,772 07/01/2010 - 06/30/2012

*The protective role of KLF11 as a PPARgamma co-factor in vascular lesion formation*

YUQING EUGENE CHEN (Int Med-Cardiology)

\$95,224 07/01/2010 - 06/30/2012

*Role of raptor phosphorylation in mTORC1 signaling*

DIANE C FINGAR (Cell and Developmental Biology)

\$143,000 07/01/2010 - 06/30/2012

*The BRIDGE Clinic for Acute Coronary Syndrome; A Novel Approach to Transitional Care*

BARBARA L BRUSH (SON-Grants)

\$52,000 07/01/2010 - 06/30/2012

**American Institutes for Research**

*Enhanced Evaluation of Michigan's Statewide System of Support (SSOS)*

CAROL A BARNES (School of Education)

with DIANE MASSELL

\$109,422 04/01/2009 - 09/30/2010

**American Medical Association**

*Innovative Strategies for Transforming the Education of Physicians (ISTEP)*

LARRY D GRUPPEN (Med Ed/Ofc of Ed Resources&Res)

\$45,000 06/16/2010 - 05/31/2013

**American-Scandinavian Foundation**

*Simon Dybbroe Moller - American-Scandinavian Foundation*

RAYMOND A SILVERMAN (Museum of Art)

\$1,000 11/06/2010 - 01/30/2011

**American Society of Hematology**

*Determining Modifier Genes of PROC deficiency*

JORDAN A SHAVIT (Pediatrics-Hematology/Oncology)

\$4,000 06/01/2010 - 09/01/2010

*In vivo targeting of Notch to prevent GVHD in a murine model*

IVAN PATRICK MAILLARD (Life Sciences Institute-Admin)

\$4,000 07/01/2010 - 06/30/2011

**American Society of Transplant Surgeons (ASTS)**

*Sarcopenia and Waitlist Mortality in Liver Transplant Candidates*

MICHAEL J ENGLERBE (Surgery Transplant (STX))

\$3,500 05/31/2010 - 08/06/2010

**Argonne National Laboratory**

*Software Defined Radio (SDR) Prototype Based on the IEEE 802.15.4g Standard for Smart Grid*

WEIDONG XIANG (Dbn Col of Eng & Computer Sci.)

\$46,938 07/15/2010 - 01/14/2011

**Ariad Pharmaceuticals, Inc.**

*A Phase 1 Dose Escalation Trial to Determine the Safety, Tolerability and Maximum Tolerated Dose of Oral AP24534 in Patients with Refractory or Advanced Chronic Myelogenous Leukemia and other Hematologic Malignancies*

MOSHE TALPAZ (CTO-Phase 1)

\$53,500 10/16/2009 - 11/01/2010

**Arkansas, State of**

*Arkansas Universal Assessment Project*

MARY LEWIS JAMES (Int Med-Geriatric Medicine)

with BRANT E FRIES

\$161,689 10/01/2010 - 06/30/2011

**Association for Institutional Research**

*The "Black Hole" of Remedial Mathematics: Toward an Explanation for the Disparities in Successful Remediation between Severely, Moderately, and Mildly Deficient Community College Students*

PETER RILEY BAHR (SOE-CSHPE)

\$39,000 05/01/2010 - 04/30/2011

**AT&T Corporation**

*Using Communication Technology to Assess and Reduce Environmental Impact*

KENT S MURRAY (Dbn CASL-Physical Sciences)

\$25,000 03/01/2010 - 01/01/2011

**Australian National University**

*The chemical, biochemical, genetic and ecological basis of pollinator-driven speciation in Australian sexually deceptive orchids*

ERAN PICHESKY (LSA Molec./Cell./Develop. Bio)

\$28,684 07/01/2010 - 06/30/2011

**Battelle Energy Alliance, LLC**

*Bayesian Network for Reliability Analysis of Dynamical Systems*

JOHN C LEE (Nuclear Eng & Radiological Sci)

\$29,632 06/22/2010 - 09/30/2010

**Battelle Memorial Institute**

*Evaluation of Titanium for Vehicle Fuel Economy and Performance Improvement*

PANKAJ K MALLICK (Dbn-Col of Eng & Com Sci-CLAMP)

\$47,143 07/01/2010 - 02/28/2011

**Baxter Healthcare Corporation**

*Evaluation of Lipid Emulsions*

DANIEL H TEITELBAUM (Pediatric Surgery Section)

\$377,331 08/02/2010 - 08/02/2011

**Biogen Idec**

*Multiple Sclerosis: A Heterogeneous Syndrome*

BENJAMIN M SEGAL (Neurology Department)

\$51,170 05/01/2010 - 03/31/2011

**Biosense Webster, Inc.**

*Biosense Webster 2010 EP Fellowship Program*

FRANK PELOSI JR (Int Med-Cardiology)

\$50,000 07/01/2010 - 06/30/2011

**Boeing Company, The**

*Analysis of FWMAV Equations of Motion*

ANOUCK RENEE GIRARD (Aerospace Engineering)

\$100,000 08/01/2010 - 11/30/2011

**Boston Scientific Foundation**

*EP Fellowship (Boston Scientific Foundation) 2010-2011*

FRANK PELOSI JR (Int Med-Cardiology)

\$40,000 07/01/2010 - 06/30/2011



**Breast Cancer Research Foundation, The**

*Design and development of new therapy for the treatment of human breast cancer by overcoming apoptosis resistance of breast cancer cells*

SHAOMENG WANG (Int Med-Hematology/Oncology)

with DONNA JEANNE MCEACHERN

HAIYING SUN

JIANFENG LU

\$223,000 10/01/2010 - 09/30/2011

*Targeting the breast cancer stem cell microenvironment*

MAX S WICHA (Int Med-Hematology/Oncology)

\$222,997 10/01/2010 - 09/30/2011

*Targeting RhoC in Breast Cancer: Novel Drugs, Mathematical Models and Epidemiological Studies in North Africa*

SOFIA D MERAJVER (Int Med-Hematology/Oncology)

\$223,000 10/01/2010 - 09/30/2011

*Financial Support for the Breast Cancer Intergroup Correlative Science Studies*

DANIEL F HAYES (Int Med-Hematology/Oncology)

\$350,000 10/01/2010 - 09/30/2011

*Pharmacogenomic Predictors of Breast Cancer Endocrine Response*

JAMES M RAE (Int Med-Hematology/Oncology)

with DANIEL F HAYES

\$223,000 10/01/2010 - 09/30/2011

*Breast Cancer EMT program*

STEPHEN J WEISS (Life Sciences Institute-Admin)

\$223,000 10/01/2010 - 09/30/2011

**Brigham and Women's Hospital**

*Stabilization Of pLaques using Darapladib? - A Clinical Outcomes Study of Darapladib versus Placebo in Subjects Following Acute Coronary Syndrome to Compare the Incidence of Major Adverse Cardiovascular Events (MACE) (also referred to as ?SOLID TIMI 52 )*

ERIC R BATES (Int Med-Cardiology)

\$117,780 06/29/2010 - 01/31/2014

**Brookhaven Science Associates, LLC**

*Support for Symposium on Radiation Measurements and Applications at the University of Michigan*

DAVID K WEHE (Nuclear Eng & Radiological Sci)

\$37,470 05/01/2010 - 04/30/2011

**Carnegie-Mellon University**

*Fostering Innovation through Robotics Exploration (FIRE)*

DRAGOMIR RADKOV RADEV (School of Information)

\$15,400 06/23/2010 - 09/22/2011

**Catapult Consultants, LLC**

*Support for CMS Transplant Programs*

JOHN D KALBFLEISCH (Biostatistics Department)

\$30,600 05/01/2010 - 09/14/2010

**Catholic Social Services**

*Adult Day Services*

BETH SPENCER (UMH Silver Club Programs)

\$39,860 10/01/2010 - 09/30/2011

**Center for the Advancement of Health**

*Kellogg Health Scholars Program, Community Disparities Track*

RICHARD L LICHTENSTEIN (Health Management and Policy)

with BARBARA ANNE ISRAEL

\$384,000 07/01/2010 - 08/31/2012

**Centocor, Inc.**

*Role of IL-25 and IL-33/ST2 in experimental fungal asthma*

CORY M HOGABOAM (Pathology Department)

\$262,203 08/01/2010 - 07/31/2011

**Cherry Capital Services, Inc/FruitFast**

*Comparison of Analysis Methods for Tart Cherry Paste*

STEVEN F BOLLING (Cardiac Surgery Section)

\$3,631 08/15/2010 - 02/15/2011

**Children's Hospital of Boston**

*Phase II Trial of a Biodegradable Ring for Atrioventricular Valve Regurgitation*

RICHARD G OHYE (Cardiac Surgery Section)

with JENNIFER C HIRSCH

\$18,610 09/25/2009 - 08/31/2010

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

*Youthful Driver Research Initiative, Scope-03*

MICHAEL R ELLIOTT (Biostatistics Department)

\$11,671 01/01/2010 - 12/31/2010

**Chroma Therapeutics, Ltd**

*2010.028: The TOPAZ Study: A Long Term Extension Study in Elderly Subjects with Relapsed/Refractory Acute Myeloid Leukemia to Allow Continued Therapy with Tosedostat*

HARRY P ERBA (Int Med-Hematology/Oncology)

\$75,135 07/19/2010 - 07/31/2014

**Cisco Systems, Inc.**

*Controlling Campus Energy Consumption via the IP Network ? A Feasibility Study for Reducing Energy Consumption via Cisco's EnergyWise?*

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

with JAROD CORY KELLY

\$62,436 05/01/2010 - 04/30/2011

**Civionics, LLC**

*A Hierarchical Wireless System for Distributed Strain Monitoring in Naval Structures*

DENNIS MICHAEL SYLVESTER (COE EECS - ECE - SSEL)

\$22,175 05/10/2010 - 11/09/2010

**Clean Energy Coalition**

*Clean Energy Coalition - Michigan Green Fleets*

HENRY D BAIER (Assoc. V-P Facilities &Ops)

\$912,540 07/09/2010 - 12/31/2013

*Michigan Green Fleets Infrastructure*

HENRY D BAIER (Assoc. V-P Facilities &Ops)

\$45,000 07/09/2010 - 12/31/2013

**Cochlear Americas**

*Clinical Evaluation of the Nucleus 5 Cochlear Implant System*

TERESA A ZWOLAN (Otorhinolaryngology Department)

\$42,454 08/01/2010 - 07/31/2013

**Columbia University**

*ATLAS Great Lakes Tier 2 Center (for the period of 7/1/10 - 9/30/10)*

SHAWN P MCKEE (LSA Physics)

\$257,784 02/01/2010 - 09/30/2010

**Commerce, Department of-Economic Development Administration**

*EDA University Center for Economic Diversification*

*Sponsor Award Ref. No. 06-66-05308-01*

*DRDA No. 08-4792 Year 3*

LAWRENCE ALYN MOLNAR (IRLEE)

\$169,763 07/01/2010 - 06/30/2011

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

*The effects and impacts of hypoxia on production potential of ecologically and commercially important living resources in the northern Gulf of Mexico*

ALLEN BURTON (SNRE CILER)

\$109,931 07/01/2010 - 06/30/2011

*Implementation of the Great Lakes Observing System (GLOS) Year 3*

ALLEN BURTON (SNRE CILER)

GUY A MEADOWS (SNRE CILER)

THOMAS H JOHNGEN (SNRE CILER)

\$1,934,552 08/01/2010 - 07/31/2011

*Adaptive integrated framework: a new methodology for managing impacts of multiple stressors in coastal ecosystems*

ALLEN BURTON (SNRE CILER)

with DMITRY BELETSKY

THOMAS H JOHNGEN

\$393,711 07/01/2010 - 06/30/2011

*Assisting Great Lakes Coastal Communities with Climate Change Adaptation*

ALLEN BURTON (SNRE CILER)

\$35,896 06/01/2010 - 05/31/2011

*Expansion and Enhancement of NOAA's Great Lakes Aquatic Nonindigenous Species Information System (GLANSIS)*

ALLEN BURTON (SNRE CILER)

\$58,633 07/01/2010 - 06/30/2011

*Great Lakes CoastWatch Research Assistant for NOAA CoastWatch Program Element*

ALLEN BURTON (SNRE CILER)

\$86,089 10/01/2010 - 09/30/2011

*Monitoring Benthic Macroinvertebrates in Muskegon Lake and Classification of Great Lakes Sediments*

ALLEN BURTON (SNRE CILER)

\$104,500 07/01/2010 - 06/30/2011

*Status and Trends of Benthic Macroinvertebrates in the Great Lakes*

ALLEN BURTON (SNRE CILER)

\$33,809 06/01/2010 - 05/31/2011

*Develop Forecasting Predictive Models Improving Coastal and Human Health and Beach Forecasting*

ALLEN BURTON (SNRE CILER)

with MENG XIA

\$835,172 06/01/2010 - 05/31/2011

*How will the Great Lakes Water Levels respond to climate change: Regional modeling for application to decision-making*

ALLEN BURTON (SNRE CILER)

\$478,047 04/01/2010 - 03/31/2011

*GIS ecoregion classification and food web modeling*

ALLEN BURTON (SNRE CILER)

\$99,520 06/01/2010 - 05/31/2011

*Ship Time - Michigan Sea Grant - 2 Stewart MSU*

JENNIFER READ (SNRE Michigan Sea Grant)

\$59,950 05/01/2010 - 05/31/2011

*Rapid biosensor technology for recreational fresh waters*

ALLEN BURTON (SNRE CILER)

\$100,000 07/01/2010 -

**Commerce, Department of-Office of the Secretary**

*GLTAAC Amendment #3-- 7/1/10- 6/30/11 (F020657)*

SCOTT DAVID JACOBS (IRLEE)

\$1,485,009 07/01/2010 - 06/30/2011

*Ship Time - Michigan Sea Grant - Northwestern1*

JENNIFER READ (SNRE Michigan Sea Grant)

\$19,550 05/01/2010 - 05/31/2011

**Common Solutions Group, The**

*Secretariat Services to the Common Solutions Group*

CHARLES J ANTONELLI (ITS Com OpsMgt (Cost Alloc))

\$41,693 07/01/2010 - 06/30/2011

**Community Foundation for Southeastern Michigan**

*Detroit Center for Family Advocacy: An Innovative Model to Reduce the Number of Children in Foster Care*

VIVEK S SANKARAN (Law Clinical Activity)

\$75,000 06/16/2010 - 06/15/2011

**Cook Incorporated**

*Zenith Low Profile AAA Endovascular Graft Clinical Study*

JOHN E RECTENWALD (Vascular Surgery Section)

\$24,525 10/01/2009 - 05/31/2014

**Cornell University**

*NNIN Geo sciences Conference*

KHALIL NAJAFI (COE EECS - ECE - SSEL)

\$24,659 12/01/2009 - 11/30/2010

*RECHARGE: Protein ID by LTQ-Oribtrap XL*

*Order # UM-2010-2919 to UM-2010-3002*

KOJO SEYS JOHN ELENITOBA-JOHNSON (Pathology Department)

with VENKATESHA BASRUR

\$10,026 04/27/2010 - 09/30/2010

**Council for the Study of Community Colleges(CSCC)**

*From arithmetic to college algebra: Identifying obstacles to successful mathematics remediation in community colleges*

PETER RILEY BAHR (SOE-CSHPE)

\$2,000 07/01/2010 - 06/30/2011

**Council on Medical Student Education in Pediatrics (COMSEP)**

*Parental Assessment of Medical Students' E-Mails*

JOCELYN HUANG SCHILLER (Pediatric Hospitalists)

\$2,500 04/01/2010 - 03/31/2011

**Cree, Inc**

*CHARACTERIZATION OF NITRIDE-BASED HETEROSTRUCTURES AND LIGHT EMITTING DIODES*

PALLAB K BHATTACHARYA (COE EECS - ECE - SSEL)

with JOHN M HINCKLEY

\$30,000 06/15/2010 - 09/15/2010

**Crohn's and Colitis Foundation**

*Role of the Inflammasome in Models of Colitis*

LUIGI FRANCHI (Pathology Department)

\$267,764 07/01/2010 - 06/30/2013

**Crossbar, Inc**

*Ultra-high Density 5kb Crossbar Memory*

WEI LU (COE EECS - ECE - SSEL)

\$22,693 04/01/2008 - 08/31/2009

**CSL Behring, LLC**

*A Prospective, Multicenter, Open Enrollment Study of Human Plasma Derived Factor XIII Concentrate in Subjects with Congenital Factor XIII Deficiency*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$8,800 06/03/2010 - 02/28/2012

**Cypress Bioscience, Inc.**

*A Clinical Validation Study of Cell Bound Complement Activation Products and Double Stranded DNA Auto-Antibodies in Subjects with Systemic Lupus Erythematosus versus Other Rheumatic Diseases and Healthy Normal Volunteers Complement Activation Products in the Assessment of Lupus (CAPITAL) Protocol CYP-CL-002*

EMILY CATHERINE SOMERS (Int Med-Rheumatology)

\$19,600 07/09/2010 - 05/31/2011

**Cystic Fibrosis Foundation**

*Cystic Fibrosis Center Grant 2010-2011*

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$189,200 07/01/2010 - 06/30/2011

**DCS Corporation**

*DCS/UCSD CTA*

DANIEL P FERRIS (School of Kinesiology)

\$59,308 06/07/2010 - 08/31/2010

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

*Protection of Mission-Critical Applications from Untrusted Execution Environments*

KANG GEUN SHIN (COE EECS - CSE - RTCL)

\$1,313,933 07/15/2010 - 07/14/2015

*Controlling the structure and properties of organic thin films to achieve high efficiency organic photovoltaic cells*

STEPHEN R FORREST (COE EECS - ECE - SSEL)

\$606,587 07/01/2010 - 06/30/2013

*Interactions of ultracold impurity particles with Bose-Einstein Condensates*

GEORG A RAITHEL (LSA Physics)

\$360,932 08/15/2010 - 08/14/2013

*Chip-based Continuous-wave Atom Laser*

GEORG A RAITHEL (LSA Physics)

\$266,170 07/01/2010 - 06/30/2011

*Michigan/AFRL Center of Excellence in Electric Propulsion (MACEEP) Augmentation: MSNW Subcontract*

ALEC D GALLIMORE (Aerospace Engineering)

\$372,928 09/15/2009 - 09/14/2014

*Extending Semantic and Episodic Memory to Support Robust Decision Making*

JOHN E LAIRD (COE EECS - CSE - AI)

\$158,153 06/30/2010 - 06/29/2011

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

*Nuclear Sept9 and JNK Regulation in Breast Cancer*

ELIZABETH M PETTY (Int Med-Molecular Med&Genetics)

\$237,127 07/15/2010 - 08/14/2013

*Molecular Function of FoxP3 and its Reactivation for Breast Cancer Therapy*

YANG LIU (GSA - Surgery Immunology (IMM))

\$319,665 07/01/2010 - 07/31/2013

*Functional Involvement of Voltage-Gated Sodium Channels in Cancer Cell Migration*

LORI L ISOM (Pharmacology Department)

\$322,440 09/30/2010 - 10/31/2013

*Novel Electromagnetic-Ultrasound Synergistic Technique for Treatment of Cancer*

MAHTA MOGHADDAM (COE EECS - ECE - Rad)

\$442,684 09/01/2010 - 09/30/2012

*Novel Electromagnetic-ultrasound Synergistic Technique for Treatment of Cancer*

PAUL L CARSON (Department of Radiology)

with OLIVER DANIEL KRIPFGANS

\$338,976 09/01/2010 - 09/30/2012

*The role of microRNA miR-101 in prostate cancer progression*

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)

\$123,921 09/01/2010 - 09/30/2012

*The Role of Sox4 in Prostate Cancer Metastases*

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)

\$98,091 09/01/2010 - 09/30/2012

*Alterations of The Bone Marrow Microenvironment Contribute to Prostate Cancer Skeletal Metastasis*

LAURIE KAY MCCAULEY (DENT Periodontics and Oral Med)

\$124,191 07/01/2010 - 07/31/2012

*New Actuation Technologies for DARPA's ITMARS Program*

KHALIL NAJAFI (COE EECS - ECE - SSEL)

with KENN RICHARD OLDHAM

YOGESH B GIANCHANDANI

\$298,528 06/30/2010 - 06/30/2011

*Reconfigurable Research Instrumentation for Adaptive, Secure Mobile/Wireless Computation and Networking (ARO)*

KANG GEUN SHIN (COE EECS - CSE - RTCL)

\$250,000 07/09/2010 - 07/08/2011

*Phase II: Battlefield Analgesics with Physiological Feedback Control - Supplement Revision*

JAMES R BAKER JR (MI Nanotechnology Institute)

with ABRAHAM F L VAN DER SPEK

BAOHUA MARK HUANG

BRENT B WARD

SEOK KI CHOI

THOMMEY P THOMAS

YUEHUA ZHANG

\$2,000,000 04/01/2010 - 03/31/2012

*Cognitive Intelligent Electric Power Optimization and Management, Real-time Hardware Implementation, and Enhancement of Silent Watch Capability through Power Management*

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

with CHRIS MI

\$399,860 05/27/2010 - 05/26/2011

*Two-Photon Optical Frequency Standard for Portable Optical Clocks Study*

AARON EDWARD LEANHARDT (LSA Physics)

\$300,000 07/01/2010 - 12/30/2011

*Antenna Radiation Patterns for Composite Armor - WD 003*

PAUL C RICHARDSON (Dbn Col of Eng-Electric & Comp)

\$25,000 07/06/2010 - 01/06/2012

*Continuous atom laser and atom interferometry in a magnetic atom guide*

GEORG A RAITHEL (LSA Physics)

\$5,000 07/01/2010 - 06/30/2011

*Vessel Wake and Sediment Mobility Study Eagle Harbor, Washington*

OKEY NWOGU (Naval Arch & Marine Dept)

\$30,208 08/09/2010 - 12/10/2010

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

*Toward an Operational Particle Filter-Based Ensemble Data Assimilation System*

DEREK J POSSELT (Atm, Oceanic & Space Sci.)

\$193,868 09/01/2010 - 08/13/2013

*Characterizing Solar Wind and It's Source Regions as Empirical Constraints for Investigating Solar Wind Formation*

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

\$50,459 09/01/2010 - 08/31/2013

*Control of Tip Vortex Cavitation Suppression and Gas-Sheet Breakup (Supplement)*

STEVEN L CECCIO (Mechanical Engineering)

\$39,700 07/01/2010 - 12/31/2010

**Delcross Technologies, LLC**

*Advanced Computational Methods for Study of Electromagnetic Compatibility*

ERIC MICHIELSSEN (COE EECS - ECE - Rad)

\$50,000 06/15/2010 - 03/14/2011

**Delta Dental Fund**

*Periodontal Treatment and Medical Care Costs in an Insured Group (Delta Dental Plan/MSU Employees)*

GEORGE WESLEY TAYLOR (DENTCariology,Restor Sci &Endo)

\$40,000 07/01/2010 - 12/31/2010

**Dentsply International, Inc.**

*3-Year Recall: A Clinical Evaluation of a Self-Etch, Self-Adhesive, Self-Curing Resin Cement for Bonding Indirect Restorations*

PETER YAMAN (DENTCariology,Restor Sci &Endo)

\$7,930 08/03/2009 - 06/25/2011

**Dermatology Foundation**

*Molecular pathogenesis of striae gravidarum*

GARY J FISHER (Dermatology Department)

\$30,000 07/01/2010 - 06/30/2011

**Detroit Diesel Corporation**

*Optimization of the Honing Process*

CHEOL WON LEE (Dbn Col of Eng-Indust & Sys En)

\$33,360 03/03/2010 - 05/31/2011



**Dietrich W. Botstiber Foundation**

*Austria: Made in Hollywood*

JACQUELINE VANSANT (Dbn-Language Culture Communctn)

\$25,000 09/01/2010 - 05/01/2011

**Duke University**

*Duke CTSI*

KENNETH J PIENTA (Mich Inst for Clin & Hlth Resr)

with MOLLY C WHITE

\$7,500 08/13/2010 - 08/12/2011

**Education, Department of**

*Center for Russian, East European, and Eurasian Studies: Comprehensive National Resource Center (NRC) and Foreign Language and Area Studies Fellowships (FLAS) for Russia, East Europe, and Eurasia*

DOUGLAS TAYLOR NORTHROP (LSA II: Russ, EE, & Eurasian St)

with STEPHEN LOWELL DESJARDINS

\$701,481 08/15/2010 - 08/14/2011

*84.220A Center for International Business Education*

BRADLEY D FARNSWORTH (ROSS SCH Cntr for Intl Bus Ed)

with CAROLYN YUNG-JIN YOON

JAN SVEJNAR

JEFFREY GENE SANCHEZ-BURKS

LINDA Y C LIM

MINYUAN ZHAO

OWEN WU

PAOLO PASQUARIELLO

RICHARD P BAGOZZI

\$1,596,000 10/01/2010 - 09/30/2014

*Comprehensive National Resource Center and Foreign Language and Area Study Fellowships for Middle East and North Africa (NRC/FLAS)*

GOTTFRIED J HAGEN (LSA II: ME & N. African St)

with STEPHEN LOWELL DESJARDINS

\$604,580 08/15/2010 - 08/14/2011

*A proposal for designation and funding as a Title VI East Asia National Resource Center (NRC) and for Foreign Language and Area Studies Fellowships (FLAS)*

KEN K ITO (LSA II: Japanese Studies)

with STEPHEN LOWELL DESJARDINS

\$626,577 08/15/2010 - 08/14/2011

*The University of Michigan South Asia NRC & FLAS*

JUAN R COLE (LSA II: S. Asian Studies)

with STEPHEN LOWELL DESJARDINS

\$603,943 08/15/2010 - 08/14/2011

*CSEAS National Resource Center in Southeast Asian Studies and for Foreign Language and Area Studies Fellowships*

ALLEN D HICKEN (LSA II: SE Asian Studies)

with STEPHEN LOWELL DESJARDINS

\$583,501 08/15/2010 - 08/14/2011

*Center for Latin American and Caribbean Studies (NRC & FLAS)*

JESSE E HOFFNUNG-GARSKOF (LSA II: Latin Amer & Carib St)

with STEPHEN LOWELL DESJARDINS

\$502,242 08/15/2010 - 08/14/2011

**Eisai, Inc**

*Phase IV Randomized, Study of Two Dose Levels of Targretin? Capsules in Patients with Refractory Cutaneous T-Cell Lymphoma (Derm 621)*

THOMAS F ANDERSON (Dermatology Department)

\$95,334 08/04/2010 - 11/30/2011

**Electric Power Research Institute**

*Establishing a cause-and-effect relationship between localized deformation and IASCC*

GARY S WAS (Nuclear Eng & Radiological Sci)

with ZHIJIE JIAO

\$380,000 08/01/2010 - 12/31/2013

*Technical Evaluation of the HITACHI Resource-Renewable BWR (RBWR) Design Concept*

THOMAS J DOWNAR (Nuclear Eng & Radiological Sci)

\$145,000 09/01/2008 - 06/30/2011

**Electrodynamic Applications, Inc.**

*ElectroDynamic Applications Inc. Spectrometer Qualification Testing*

CHARLES J M EDMONSON JR (Space Physics Research Lab)

\$1,091 07/01/2010 - 07/31/2010

**Endocrine Fellows Foundation**

*Neuropeptide Y as a Mediator of Obesity Induced Adipose Tissue Inflammation.*

DELIA M VAZQUEZ (Pediatrics-Endocrinology)

\$15,000 05/01/2010 - 04/30/2011

**Energy, Department of**

*ARRA: DOE Center for Predictive Control of Plasma Kinetics: Multi-Phase and Bounded Systems*

MARK KUSHNER (COE EECS - ECE - Rad)

with ALEC D GALLIMORE

\$565,140 08/15/2009 - 08/14/2011

*Structure and Dynamics of Domains in Ferroelectric Nanostructures-in-situ TEM Study*

XIAOQING PAN (Materials Science & Engin.)

\$175,000 08/01/2010 - 06/30/2011

*Electronic States and Transport in Semiconductor Nanostructures*

RACHEL S GOLDMAN (LSA Physics)

\$155,000 08/15/2010 - 07/14/2011

*Nanostructure Patterning Under Energetic Particle Beam Irradiation (continuation DE-FG02-02ER46005)*

LUMIN WANG (Nuclear Eng & Radiological Sci)

with WEI LU

\$180,000 06/01/2010 - 05/31/2011

*Equipment Supplement: Simulations of Self-Assembly of Tethered Nanoparticle Shape Amphiphiles*

SHARON C GLOTZER (Chemical Engineering Dept)

\$142,945 12/01/2009 - 11/30/2010

**Energy Foundation, The**

*Re-Imagining an Industry in Crisis: Research Challenges to Building a Sustainable Domestic US Auto Industry*

WALTER S MCMANUS (UMTRI-Automotive Analysis Div.)

\$150,000 07/01/2010 - 06/30/2011

**EPIR, Ltd.**

*Low Temperature Thermoelectric Cooling of Infrared Focal Plane Arrays with HgCdTe-based Superlattices*

KEVIN PATRICK PIPE (Mechanical Engineering)

\$30,000 05/01/2010 - 10/31/2010

**Fenway Community Health Center**

*Educational Programs for Population Research in LGBT Health*

WILLIAM G JACOBY (ICPSR-Education)

\$23,133 07/01/2010 - 06/30/2011

**Fight for Sight, Inc.**

*Regulation of gene expression during extraocular muscle regeneration in zebrafish*

ALON KAHANA (Ophthalmology & Visual Science)

\$2,100 06/15/2010 - 08/31/2010

*Developing genomic technologies to study extraocular muscle organization and strabismus using a zebrafish model*

ALON KAHANA (Ophthalmology & Visual Science)

\$20,000 08/01/2010 - 07/31/2011

**Florida Medical Quality Assurance, Inc**

*CROWNWeb Measures Calculation*

JOHN D KALBFLEISCH (Biostatistics Department)

\$42,699 08/01/2010 - 09/30/2010

**Florida, State of**

*Mercury TMDL Task Assignment 4 - Atmospheric Monitoring*

GERALD J KEELER (Environmental Health Sciences)

with FRANK JOSEPH MARSIK

JOEL D BLUM

JOSEPH T DVONCH

MASAKO MORISHITA

\$1,470,580 07/15/2010 - 06/30/2011

**Ford Foundation**

*Building Broadband Infrastructure: Mapping Process and Impacts of the BTOP and BIP Initiatives*

STEVEN J JACKSON (School of Information)

\$250,000 06/01/2010 - 08/31/2012

**Ford Motor Company**

*Advanced Machining Test Support*

ALBERT J SHIH (CoE Wu Mfg Research Center)

\$30,240 06/01/2010 - 11/30/2010

*Control Oriented Diesel Engine Model for Developing Dual Loop EGR Control Strategy*

DOHOY JUNG (Dbn Coll of Eng-Mechanical Eng)

\$40,000 07/01/2010 - 06/30/2020

*Automated Knowledge Acquisition/Testing and Training Tool*

WILLIAM GROSKY (Dbn Col of Eng-Computer & Info)

with JIM SELIYA

ZHIWEI XU

\$31,000 06/21/2010 - 06/20/2011

*Design Tools to Optimize Vehicle Ingress/Egress for Small Cars*

MATTHEW PAUL REED (UMTRI-Biosciences)

\$40,000 07/01/2010 - 06/30/2013

*Modeling of Squeeze Film flow in a Wet Clutch*

NIKOLAOS D KATOPODES (Civil & Environmental Engr)

\$40,000 07/01/2010 - 06/30/2017

**Foundation Fighting Blindness, Inc., The**

*The Foundation Fighting Blindness (FFB) Research Center for the Study of Retinal Degenerative Diseases at the W.K. Kellogg Eye Center, University of Michigan*

JOHN R HECKENLIVELY (Ophthalmology & Visual Science)

with DAVID N ZACKS

DEBRA A THOMPSON

HEMANT KHANNA

NAHEED WALI KHAN

\$1,087,305 07/01/2010 - 06/30/2015

**Gates, Bill and Melinda, Foundation**

*Evidence-Based Education Initiatives to Strengthen Health in Sub-Saharan Africa -- Amendment to WO #2*

JOSEPH C KOLARS (Medical School Administration)

\$105,436 08/15/2010 - 06/30/2011

**Genentech, Inc.**

*AN OPEN-LABEL, MULTICENTER, PHASE I TRIAL OF THE SAFETY AND PHARMACOKINETICS OF ESCALATING DOSES OF DCDT2980S IN PATIENTS WITH RELAPSED OR REFRACTORY B-CELL NON-HODGKIN'S LYMPHOMA AND CHRONIC LYMPHOCYTIC LEUKEMIA*

MOSHE TALPAZ (CTO-Phase 1)

with DANIEL LEBOVIC

\$2,669,395 06/30/2010 - 01/31/2013

**General Motors Company**

*Room Temperature Hydrogen Sorbents*

ADAM J MATZGER (LSA Chemistry)

\$150,000 07/01/2010 - 07/31/2011

**General Motors Corporation**

*NSF I/UCRC on Intelligent Maintenance Systems - Various Sponsors*

JUN NI (CoE Ind/Univ Coop Research Ctr)

\$20,000 01/01/2010 - 12/31/2010

**General Motors Holdings, LLC**

*On-line Non-Destructive Weld Quality Evaluation for Battery Pack Manufacturing*

JACK HU (ME GM)

\$225,308 06/22/2010 - 12/31/2010

**Genesee, County of - Drain Commission**

*"Our Water" Public Education Campaign 2010*

JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)

\$41,383 02/01/2010 - 09/30/2010

**George Mason University**

*Human-Automation Interaction Methods for Evaluation of New Technologies*

RICHARD L LEWIS (LSA Psychology)

with SATINDER SINGH BAVEJA

\$86,057 04/14/2010 - 06/30/2011

**Great Lakes Environmental Research Laboratory**

*Feasibility study for the development of a Great Lakes coastal current monitoring network*

ALLEN BURTON (SNRE CILER)

LORELLE ANNISE MEADOWS (SNRE CILER)

with CHRISTOPHER S RUF

\$75,432 07/01/2010 - 06/30/2011

**HAMZTEC, LLC**

*Awareness Enhancement and Monitoring Device for Treatment of Trichotillomania (Phase II)*

JOSEPH ALAN HIMLE (School of Social Work)

with DEBORAH I BYBEE

\$334,640 07/08/2010 - 12/31/2012

**HandyLab, Inc.**

*Second Amendment to GBS protocol: Rapid Detection of Group B Streptococcus Using a Novel Real-Time PCR Platform*

DUANE W NEWTON (Pathology Department)

\$2,000 05/01/2010 - 04/30/2011

**Harvard**

*Yerby Professorship*

ALLISON ELIZABETH AIELLO (Epidemiology Department)

\$28,872 09/01/2010 - 12/31/2010

**Harvard College**

*Support for the Kingdom of Saudi Arabia - National Mental Health Study*

BETH-ELLEN PENNELL (Survey Research Organization)

with STEVEN G HEERINGA

\$278,986 06/01/2010 - 11/30/2011

**Harvard University**

*Engineering capillaries network*

PAUL MICHAEL GROSSMAN (Int Med-Cardiology)

\$157,454 05/13/2010 - 04/30/2011

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

*Physician Organization and the Efficiency of Surgical Specialty Care*

DAVID CHRISTOPHER MILLER (Urology Surgery)

\$620,041 07/01/2010 - 04/30/2014

*Multi-method Evaluation of Physician Group Incentive Programs for PCMH Transition*

CHRISTOPHER G WISE (UMH BCBSM Lean Coordinating)

with JEFFREY A ALEXANDER

LEE ALBERT GREEN

MICHAEL D FETTERS

\$477,496 07/15/2010 - 12/31/2011

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

*Translating Research Into Action for Diabetes (TRIAD) Legacy Study (U58)*

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

with CATHERINE KIM

\$429,998 07/12/2010 - 07/11/2013

*The University of Michigan Education and Research Center*

THOMAS G ROBINS (Environmental Health Sciences)

\$237,072 07/01/2010 - 06/30/2013

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

*Facility Data Reports for ESRD Facilities, Transplant Programs, and Organ Procurement Organizations Option Year 4*

JOHN D KALBFLEISCH (Biostatistics Department)

with DOUGLAS E SCHAUBEL

JOHN C MAGEE

JOSEPH M MESSANA

RAJIV SARAN

ROBERT A WOLFE

\$1,100,000 09/28/2006 - 09/27/2011

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

*Preventive Medicine Residency*

MATTHEW L BOULTON (Epidemiology Department)

\$2,238,034 07/01/2010 - 06/30/2013

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

*Molecular Pathogenesis of E. Coli UTI*

HARRY L T MOBLEY (Microbiology and Immunology)

\$67,527 08/09/2010 - 08/08/2011

*Michigan Medical Scientist Training Program*

RONALD JAY KOENIG (MSA Office of Student Pgms)

with JUANITA L MERCHANT

THEODORA S ROSS

\$8,723,456 07/01/2010 - 06/30/2015

*Evolution and Human Reproduction: A Longitudinal Study of the Dogon of Mali*

BEVERLY I STRASSMANN (RCGD-Rsrch Cntr for Grp Dyn)

\$89,959 08/04/2010 - 12/31/2011

*Functional Image and Molecular Marker to Individualize Adaptive Radiation Dose Escalation in Patients with Non-small Cell Lung Cancer*

FENGMING P KONG (Radiation Oncology - Ann Arbor)

with DOUGLAS A ARENBERG  
GREGORY KALEMKERIAN  
JAMES A HAYMAN  
KIRK A FREY  
LESLIE EISENBUD QUINT  
MATTHEW JASON SCHIPPER  
NITHYA RAMNATH  
RANDALL K TEN HAKEN  
YUE CAO

\$2,251,487 07/01/2010 - 04/30/2015

*Computer-Aided Detection of Urinary Tract Cancer on MDCT Urography*

LUBOMIR M HADJIYSKI (Department of Radiology)

with ALON ZADOK WEIZER  
ELAINE M CAOILI  
HEANG-PING CHAN  
JAMES E MONTIE  
RICHARD H COHAN

\$1,666,074 08/02/2010 - 05/31/2015

*Incucyte: A Live-Cell Imaging System that Fits into Standard CO2-Incubator*

VENKATESHWAR KESHAMOUNI (Int Med-Pulm./Critical Care)

with BETHANY B MOORE  
CORY M HOGABOAM  
DAVID A FOX  
NICHOLAS W LUKACS  
STEVE L KUNKEL  
STEVEN K LUNDY  
THEODORE J STANDIFORD

\$155,465 07/01/2010 - 06/30/2011

*An Outcome Study for Ulnar Neuropathy at the Elbow*

KEVIN CHI CHUNG (Plastic Surgery Section)

\$107,128 08/05/2010 - 08/04/2012

*Perinatal Exposures, Epigenetics, Child Obesity & Sexual Maturation*

KAREN EILEEN PETERSON (Environmental Health Sciences)

with BRISA N SANCHEZ  
DANA DOLINYOY  
HOWARD HU  
JOHN D MEEKER

\$600,000 08/09/2010 - 03/31/2013

*Research Training in Nephrology*

FRANK C BROSIUS III (Int Med-Nephrology)

\$1,716,470 07/01/2010 - 06/30/2015

*Developmental Origins of Endocrine Dysfunctions*

DELIA M VAZQUEZ (Pediatrics-Endocrinology)  
VASANTHA PADMANABHAN (Pediatrics-Endocrinology)

\$1,279,895 07/01/2010 - 06/30/2015



*Clinical and Translational Research Training in Urology*

JOHN THOMAS WEI (Urology Surgery)

with JAMES E MONTIE

\$1,586,870 06/01/2010 - 05/31/2015

*Life Course Socioeconomics, Acculturation, & Type-2 Diabetes Risk Among Latinos*

ALLISON ELIZABETH AIELLO (Epidemiology Department)

\$207,732 05/01/2010 - 04/30/2011

*Transdisciplinary Studies of Genetic Variation in Colorectal Cancer*

STEPHEN B GRUBER (Int Med-Molecular Med&Genetics)

with BHRAMAR MUKHERJEE

\$9,974,055 08/01/2010 - 06/30/2014

*Patient Oriented Research in Gastrointestinal Cancer Screening*

PHILIP S SCHOENFELD (Int Med-Gastroenterology)

with HYUNGJIN MYRA KIM

\$692,058 07/01/2010 - 06/30/2015

*Environmental Toxicology and Epidemiology Pre/Post Doctoral Research Training*

RITA LOCH-CARUSO (Environmental Health Sciences)

with HOWARD HU

\$2,012,770 07/01/2010 - 06/30/2015

*Institutional Training Grant in Genomic Sciences*

MICHAEL LEE BOEHNKE (Biostatistics Department)

\$3,579,760 07/01/2010 - 06/30/2015

*Mouse models of genomic instability and birth defects*

CATHERINE ELIZABETH H KEEGAN (Pediatrics-Genetics)

\$157,528 07/20/2010 - 06/30/2011

*Characterization of Cancer Transcriptomes using Next Generation Sequencing*

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)

\$208,019 07/01/2010 - 06/30/2012

*Histotripsy Tissue Interactions for BPH Therapy*

WILLIAM W ROBERTS (Urology Surgery)

with CHARLES A CAIN

JEFFREY BRIAN FOWLKES

\$1,664,019 08/01/2010 - 06/30/2015

*Leukocyte-endothelial cell interaction in aging*

RAYMOND L YUNG (Int Med-Geriatric Medicine)

with ANNABELLE JULIUS

BRUCE C RICHARDSON

\$1,534,972 09/01/2010 - 08/31/2015

*Predicting Liver Function After Irradiation*

YUE CAO (Radiation Oncology - Physics)

with HERO K HUSSAIN

KIRK A FREY

MARY U FENG

RANDALL K TEN HAKEN

THEODORE S LAWRENCE

THOMAS L CHENEVERT

TIMOTHY D JOHNSON

\$1,885,293 08/01/2010 - 05/31/2015

*Integrating U.S. Fertility Surveys - ARRA Admin Supplement*

PAMELA J SMOCK (Pop Studies-Research)

with LYNETTE F HOELTER

\$307,094 08/01/2010 - 07/31/2011

*International collaborations in Infectious Disease Research*

MATTHEW L BOULTON (Epidemiology Department)

with BRENDA WILSON GILLESPIE

JOLYNN PRATT MONTGOMERY

\$3,607,416 08/01/2010 - 07/31/2015

*Annual Meeting for the Clinical Research Ethics Key Function Committee*

KENNETH J PIENTA (Mich Inst for Clin & Hlth Resr)

\$25,000 07/15/2010 - 07/14/2011

*tchikwe - New PAF - Thu Aug 13 08:55:57 EDT 2009*

MARC PETERS-GOLDEN (Int Med-Pulm./Critical Care)

\$242,108 09/01/2010 - 06/30/2012

*Cellular and Molecular Biology of Aging-Nathan Shock Center of Excellence in the Biology of Aging*

RICHARD A MILLER (Institute of Gerontology)

with EVAN T KELLER

GREGORY DEAN CARTEE

SCOTT PLETCHER

SUSAN BROOKS HERZOG

\$3,072,403 08/15/2010 - 06/30/2015

*C-H Blood Functionalization in Organic Synthesis*

MELANIE S SANFORD (LSA Chemistry)

\$239,389 08/01/2010 - 07/31/2011

*New genes and pathomechanisms of congenital abnormalities of the kidney (CAKUT)*

FRIEDHELM HILDEBRANDT (Pediatrics-Nephrology)

with EDGAR ALFRED OTTO

RANNAR AIRIK

WEIBIN ZHOU

\$1,337,321 07/05/2010 - 06/30/2014

*NMDA Receptor Contributions to Visual Processing in the Mouse*

JONATHAN B DEMB (Ophthalmology & Visual Science)

\$98,080 09/01/2010 - 08/31/2012

*Mechanisms of anterior vaginal wall support failure*

JOHN O DELANCEY (Obstetrics and Gynecology Dept)

with CATHERINE JORDAN BRANDON  
DEE E FENNER  
JAMES A ASHTON-MILLER  
KENNETH E GUIRE

\$1,498,829 08/16/2010 - 05/31/2015

*Autophagy and control of photoreceptor apoptosis*

DAVID N ZACKS (Ophthalmology & Visual Science)

\$1,875,072 09/01/2010 - 07/31/2015

*Role of Mast cells in NLRP3-mediated Skin Inflammation*

GABRIEL NUNEZ (Pathology Department Roll Up)

\$1,747,125 07/10/2010 - 06/30/2015

*Pax8-PPARgamma regulation of transcription and metabolism in thyroid cancer*

RONALD JAY KOENIG (Metabolism, Endo & Diabetes)

with MAUREEN SARTOR

\$1,717,289 08/01/2010 - 06/30/2015

*Interfacing computational and engineering with digestive and metabolic physiology*

SANTIAGO DAVID SCHNELL (Molec & Integrative Physiology)

with BISHR OMARY  
ORMOND A MACDOUGALD

\$539,408 07/01/2010 - 05/31/2015

*Alterations of complex behaviors in sheep by pre-natal bisphenol A exposure*

THERESA M LEE (LSA Psychology)

with VASANTHA PADMANABHAN

\$938,588 08/10/2010 - 04/30/2014

*Recovery: Varieties and Dimensions*

ELIZABETH A ROBINSON (Psych Substance Abuse)

\$426,625 07/20/2010 - 06/30/2012

*Metabolome Risk Factors for Barrett's Esophagus*

JOEL HOWARD RUBENSTEIN (Int Med-Gastroenterology)

with CHRISTOPHER W BEECHER

\$155,000 08/01/2010 - 06/30/2012

*Pulmonary Formulation of tPA for Plastic Bronchitis*

KATHLEEN A STRINGER (PHARMACY Clin, Soc & Admin Sci)

\$463,337 07/15/2010 - 06/30/2013

*Gli Activity in the Pancreas: Inflammation, Tissue Repair and Cancer*

MARINA PASCA DI MAGLIANO (GSA - Gastrointestinal (SGI))

\$1,548,602 07/01/2010 - 04/30/2015

*Sparse Structure Identification from High-Dimensional Epigenomic Data*

JI ZHU (LSA Statistics)

\$1,087,643 09/01/2010 - 08/31/2014

*Biliary Stents with Integrated Magnetoelastic Resonant Sensors for Remote Monitoring of Occlusion*

YOGESH B GIANCHANDANI (COE EECS - ECE - SSEL)

with GRACE H ELTA  
RICHARD S KWON

\$396,147 08/01/2010 - 07/31/2011

*Signaling Pathways That Differentiate Dendrite and Axon Development*

BING YE (Life Sciences Institute-Admin)

\$1,940,626 07/05/2010 - 03/31/2015

*The role of BMP type I receptor ACVR1 for chondrogenic cell fate determination in neural crest cells*

YUJI MISHINA (DENT Bio & Materials Science)

\$264,600 07/01/2010 - 06/30/2012

*Michigan BIRCWH Career Development Program*

TIMOTHY R B JOHNSON (Inst/Research Women & Gender)

with STEVEN EDWARD DOMINO

\$2,322,716 08/08/2010 - 06/30/2015

*Ocular Effects of Metformin*

JULIA E RICHARDS (Ophthalmology & Visual Science)

\$425,875 08/01/2010 - 06/30/2012

*Mechanism and regulation of DNA end processing in V(D)J recombination and repair*

JOANN SEKIGUCHI (Int Med-Molecular Med&Genetics)

\$1,393,360 07/01/2010 - 06/30/2014

*Physiological functions of G-alpha-i/o and control by regulators of G protein signaling*

RICHARD ROBERT NEUBIG (Pharmacology Department)

\$2,484,937 08/01/2010 - 07/31/2014

*Molecular Mediators of FGF Signaling in Craniofacial Mineralization and Craniosynostosis*

NAN E HATCH (DENT Orthodontics)

\$218,175 08/01/2010 - 07/31/2012

*Choline transporter capacity limits motivated behavior on mice, rats, and humans*

MARTIN FRIEDRICH SARTER (LSA Psychology)

with CINDY ANN LUSTIG

\$1,952,132 07/09/2010 - 04/30/2015

*Optimizing Alcohol Brief Interventions in the ED: Computer vs. Clinician Delivery*

FREDERIC C BLOW (Psych HlthSvc Outcome Research)

with KRISTEN L BARRY  
MARK ANDREW ILGEN  
MAUREEN A WALTON  
REBECCA CUNNINGHAM  
STEPHEN THOMAS CHERMACK

\$3,731,202 07/20/2010 - 06/30/2015

*Documenting the War on Poverty's Community Programs*

MARTHA J BAILEY (Pop Studies-Research)

\$155,042 08/09/2010 - 07/31/2012

*2/2 Personalized Antidepressant Adherence Strategies for Depressed Elders*

HELEN C KALES (Psych - Geriatric)

with FREDERIC C BLOW  
KARA ZIVIN

\$1,537,596 08/10/2010 - 07/31/2015

*Role and Relevance of Pept1 in Drug Absorption, Disposition, and Dynamics*

DAVID E SMITH (PHARMACY Pharmaceutical Sci)

with ELLEN MARY ZIMMERMANN

\$1,357,575 08/01/2010 - 05/31/2014

*Cholinergic Phenotype in Murine Models of Sleep*

RALPH LYDIC (Anesthesiology Department)

with HELEN A BAGHDOYAN

\$1,389,268 07/01/2010 - 06/30/2014

*Development of a Novel Strategy to Prevent Experimental GVHD*

PAVAN R REDDY (Int Med-Hematology/Oncology)

\$1,576,037 07/01/2010 - 04/30/2015

*Enamelin and Enamel Formation*

JAN CHING CHUN HU (DENT Bio & Materials Science)

with JAMES P SIMMER  
YASUO YAMAKOSHI

\$366,938 09/01/2010 - 08/31/2011

*Signal Transduction Pathways in CD30-positive Lymphomas*

COLIN S DUCKETT (Pathology Department)

with CHRIS A EDWARDS  
KOJO SEYS JOHN ELENITOBA-JOHNSON  
MEGAN S LIM

\$1,415,635 07/12/2010 - 12/31/2014

*Model-Based Image Reconstruction for X-ray CT in Lung Imaging*

JEFFREY A FESSLER (COE EECS - ECE - Cspl)

with ELLA A KAZEROONI  
MITCHELL M GOODSITT

\$1,867,410 08/01/2010 - 05/31/2013

*Role of SCF in airway eosinophil inflammation*

NICHOLAS W LUKACS (Pathology Department)

with COLIN S DUCKETT  
CORY M HOGABOAM

\$1,540,858 07/12/2010 - 04/30/2014

*Enhancement of Biomarkers for Type 1 Diabetes*

MASSIMO T PIETROPAOLO (Metabolism, Endo & Diabetes)

with PATRICK W NELSON  
ROBERTO TOWNS  
SANTIAGO DAVID SCHNELL

\$3,237,402 07/19/2010 - 06/30/2015

*Brain Markers of Anxiety Disorders and SSRI Treatment in Children and Adolescents*

CHRISTOPHER STEPHEN MONK (Psychiatry-ASAP)  
KINH LUAN DINH PHAN (Psychiatry-ASAP)

with BIN NAN

GREGORY L HANNA  
ISRAEL LIBERZON  
JAMES E SWAIN  
KATE D FITZGERALD  
MARGIT BURMEISTER  
NIKO KACIROTI  
SCOTT J PELTIER

\$3,158,582 07/01/2010 - 03/31/2015

*The Importance of Periostin in Periodontal Health and Disease*

HECTOR FABIO RIOS (DENT Periodontics and Oral Med)

\$393,009 07/02/2010 - 06/30/2013

*Schooling influences on growth of executive functioning: steps to an integrative approach*

FREDERICK J MORRISON (LSA Psychology)

with WILLIAM J GEHRING

\$394,826 07/10/2010 - 06/30/2012

*Enterics Research Investigators Network Cooperative Research Centers (U19)*

VINCENT BENSAN YOUNG (Int Med-Infectious Diseases)

with ANDRZEJ T GALECKI

BRIAN KURTH JANES  
DAVID ARONOFF  
GARY B HUFFNAGLE  
JOHN Y KAO  
JUN LI  
LARAIN L WASHER  
PATRICK D SCHLOSS  
PHILIP C HANNA

\$7,614,615 08/02/2010 - 07/31/2015

*Protective Effects of Anti-C5a in Sepsis*

PETER A WARD (Pathology Department)

with FIRAS SAMIH ZETOUNE

J VIDYA SARMA

\$1,248,716 09/01/2010 - 08/31/2014

*School Mandates for Human Papillomavirus Vaccination: Use of an Agent-Based Model to Explore Potential Impact of Social Networks and Different Policy Options*

AMANDA F DEMPSEY (Pediatrics-Ambulatory Care Pgm)  
DAVID MENDEZ (Pediatrics-Ambulatory Care Pgm)

with RICK L RIOLO

\$382,435 08/11/2010 - 07/31/2012

*Effect of 3-D Compound Impulsive Loading on Relative ACL Strain*

EDWARD M WOJTYS (Orthopaedic Surgery)

with JAMES A ASHTON-MILLER

KENNETH E GUIRE

\$809,883 08/19/2010 - 06/30/2013

*Theoretical Studies of Protein Ligand Interactions*

CHARLES L BROOKS III (LSA Chemistry)

\$1,255,852 08/15/2010 - 07/31/2014

*Evolutionary Genetics: Contribution of Tan to Drosophila Pigmentation Divergence*

TRISHA WITTKOPP (LSA Ecology & Evolutionary Bio)

\$1,332,843 07/26/2010 - 05/31/2015

*Protective benefits of maternal behavior on susceptibility for drug abuse*

JILL B BECKER (Molecular & Behav Neurosc Inst)

with JENNIFER A CUMMINGS

\$394,072 08/01/2010 - 06/30/2012

*Polycomb-mediated heterochromatin formation in Tetrahymena*

YIFAN LIU (Pathology Department)

\$1,465,138 08/01/2010 - 07/31/2015

*Thiol/Disulfide Redox Regulation of Heme Oxygenase-2*

STEPHEN W RAGSDALE (Biological Chemistry Dept)

with ERIK R P ZUIDERWEG

JEANNE A STUCKEY

JEFFREY RANDALL MARTENS

\$2,338,870 07/01/2010 - 06/30/2014

*Survival Analysis Methods for Organ Failure Data*

DOUGLAS E SCHAUBEL (Biostatistics Department)

with BIN NAN

JOHN D KALBFLEISCH

\$800,195 07/15/2010 - 06/30/2013

*Novel Immunofluorescence Methods for Retinal Research*

HOWARD R PETTY (Ophthalmology & Visual Science)

\$213,188 08/05/2010 - 07/31/2011

*Neuronal Development, Injury and Repair in the Retina*

PETER F HITCHCOCK (Ophthalmology & Visual Science)

\$2,737,208 09/01/2010 - 08/31/2015

*Genetic Modification of Triggers of Acute Myocardial Infarction*

ANA BAYLIN (Epidemiology Department)

with SHARON REILLY KARDIA

\$441,394 08/15/2010 - 06/30/2012

*The role of HIF2alpha in colon carcinogenesis*

YATRIK M SHAH (Molec & Integrative Physiology)

\$1,611,066 07/06/2010 - 05/31/2015

*Assessing Real-World Impact of Clinical Interventions and Outcomes: The Science of Ambulatory Assessment*

SUSAN LYNN MURPHY (Physical Medicine & Rehab Dept)

with CLAIRE Z KALPAKJIAN

EDWARD A HURVITZ

\$15,000 09/01/2010 - 08/31/2011

*Bisphenol A and Phthalate Exposure in Relation to Fetal Growth and Preterm Birth*

JOHN D MEEKER (Environmental Health Sciences)

with BHRAMAR MUKHERJEE

RITA LOCH-CARUSO

\$2,782,947 08/01/2010 - 05/31/2015

*Interactions between the ventral hippocampus and amygdala during renewal of fear*

STEPHEN A MAREN (LSA Psychology)

\$63,800 08/01/2010 - 06/30/2012

*Prefrontal modulation of cognitive deficits in an animal model of schizophrenia*

MARTIN FRIEDRICH SARTER (LSA Psychology)

\$156,438 08/01/2010 - 07/31/2013

*Genetics of Vascular Remodeling*

SANTHI K GANESH (Int Med-Cardiology)

\$746,998 08/02/2010 - 06/30/2013

*Developing a Sustainable Consumer Clearinghouse for Translational Depression and Bipolar Disorder Research*

PATRICIA J DELDIN (Psychiatry Depression Center)

with JOHN F GREDEN

\$905,298 07/15/2010 - 06/14/2013

*Infection and Stroke in Mexican Americans*

LYNDA DIANE LISABETH (Epidemiology Department)

\$106,691 08/01/2010 - 07/31/2013

*Fourth Annual OSSD Meeting*

JILL B BECKER (LSA Psychology)

\$6,000 08/04/2010 - 05/31/2011

*Expanding Infrastructure for Community-Academic Research Partnerships in Detroit*

BARBARA ANNE ISRAEL (Hlth Behavior & Hlth Ed Dept)

with AMY JO SCHULZ

EDITH A PARKER

EDITH C KIEFFER

RICHARD L LICHTENSTEIN

\$998,697 07/06/2010 - 06/30/2013

*Nitro-Fatty Acids and Nrf2 in Vascular Remodeling*

YUQING EUGENE CHEN (Int Med-Cardiology)

with JIFENG ZHANG

\$2,767,387 07/01/2010 - 06/30/2015

*Enhancing Community/Academic Clinical Research Collaboration*

CAROLYN M SAMPSELLE (School of Nursing)

with LEE BELL

MARC A ZIMMERMAN

SUSAN MORREL-SAMUELS

\$982,589 08/19/2010 - 08/18/2013

*Morphogenesis of the fetal intestinal epithelium*

DEBORAH L GUMUCIO (Cell and Developmental Biology)

with BENJAMIN L MARGOLIS

\$379,710 08/15/2010 - 07/31/2011



*The Role of EZH2 in Breast Cancer Progression*

CELINA G KLEER (Pathology Department)

with EVAN T KELLER

MOUSUMI BANERJEE

NALLASIVAM PALANISAMY

\$1,398,853 07/01/2010 - 04/30/2015

*Targeting physiologic changes as a route towards therapy for degenerative ataxias*

HENRY L PAULSON (Neurology Department)

\$848,340 09/01/2010 - 08/31/2015

*Chemical Address Tags: A Chemoinformatic and Image Data Management and Analysis Plan*

GUSTAVO ROSANIA (PHARMACY Pharmaceutical Sci)

with RICHARD ROBERT NEUBIG

SCOTT D LARSEN

YAFEI JIN

\$471,482 07/01/2010 - 10/31/2012

*A role for diaphanous homolog 3 in the mammalian auditory system*

MARGIT BURMEISTER (Molecular & Behav Neurosc Inst)

\$63,600 09/01/2010 - 08/31/2012

*Excitatory and inhibitory synaptogenesis by FGFs and their role in epilepsy*

HISASHI UMEMORI (Molecular & Behav Neurosc Inst)

with MICHAEL MARK ALEXANDER SUTTON

\$1,569,695 09/01/2010 - 06/30/2015

*Michigan Alzheimer's Disease Research Center*

SID GILMAN (Neurology Department)

with ANDREW P LIEBERMAN

BRUNO J GIORDANI

CAROL CATHERINE PERSAD

CATHERINE A SPINO

CATHLEEN M CONNELL

HENRY L PAULSON

JUDITH L HEIDEBRINK

NANCY R BARBAS

ROGER L ALBIN

\$888,692 08/01/2010 - 05/31/2011

*Vestibular control of head movements in guinea pig*

WILLIAM MICHAEL KING (Kresge Hearing Research Inst)

\$31,166 09/01/2010 - 08/31/2011

*Probing Transcriptional Activation at the Molecular Level- R01GM065330 supplement*

ANNA K MAPP (LSA Chemistry)

\$46,400 09/01/2010 - 08/31/2011

*Air Pollution, Inflammation and Preterm Birth, A Mechanistic Study in Mexico City*

MARIE SYLVIA O'NEILL (Environmental Health Sciences)

\$127,527 06/01/2010 - 05/31/2013

*Stem Cells in Peripheral Nervous System Development*

SEAN MORRISON (Life Sciences Institute)

\$66,519 05/15/2010 - 12/31/2014

*Coordination of signaling during phagocytosis*

JOEL A SWANSON (Microbiology and Immunology)

\$127,127 07/12/2010 - 12/31/2010

*Extension of IPA for Austra Liepa*

DEBRA A THOMPSON (Ophthalmology & Visual Science)

\$5,900 05/01/2010 - 04/30/2011

*Childhood Liver Disease Research and Education Network Data Coordinating Center*

JOHN C MAGEE (Surgery Transplant (STX))

\$399,611 08/10/2010 - 07/31/2011

*Alpha3Beta1 Integrin Function in Epithelial-Mesenchymal Transition and Fibrosis*

BETHANY B MOORE (Int Med-Pulm./Critical Care)

\$248,858 09/01/2010 - 06/30/2012

*A CBPR Intervention for Childhood Asthma Using Air Filters and Air Conditioners*

EDITH A PARKER (Hlth Behavior & Hlth Ed Dept)

TOBY C LEWIS (Hlth Behavior & Hlth Ed Dept)

\$272,107 07/01/2010 - 04/30/2012

*Checkpoints of Host Response to Cellular Injuries*

YANG LIU (GSA - Surgery Immunology (IMM))

\$231,149 07/19/2010 - 07/18/2011

*Chaperones and Small Molecules*

JASON EDWARD GESTWICKI (Life Sciences Institute-Admin)

with DUXIN SUN

\$77,250 02/01/2010 - 01/31/2013

*Mechanisms of Gastrointestinal Growth and Transformation*

JUANITA L MERCHANT (Int Med-Gastroenterology)

\$368,861 08/01/2010 - 07/31/2011

*LRP regulation of wildtype and CADASIL mutants of Notch3 - Supplemental Request*

MICHAEL M WANG (Neurology Department)

\$40,547 08/01/2009 - 07/31/2014

*Cntnap2 in diet-induced obesity*

DAVID ALAN BUCHNER (Life Sciences Institute-Admin)

\$740,070 07/01/2010 - 06/30/2015

*Research Supplements to Promote Diversity in Health-Related Research*

SUSAN BROOKS HERZOG (Molec & Integrative Physiology)

\$164,368 08/15/2010 - 04/30/2013

*International Cancer Epidemiology and Prevention Training (GSS 2010)*

SOFIA D MERAJVER (UM Center for Global Health)

\$25,000 06/01/2010 - 07/31/2011

*Development of a Total Artificial Lung*

ROBERT HAWES BARTLETT (GSA - Administration (GSA/ADM))

\$83,094 07/01/2010 - 06/30/2012

*A Role for Osteoimmunology in Leptin-Regulated Bone Metabolism*

PAUL H KREBSBACH (DENT Bio & Materials Science)

\$37,644 09/01/2010 - 08/31/2011

*Training Program in Bioinformatics*

BRIAN D ATHEY (Bioinformatics)

\$131,899 07/01/2009 - 06/30/2011

*NIH Fogarty International Center RAPIDD Intergovernmental Agreement*

EDWARD L IONIDES (LSA Statistics)

\$41,126 08/15/2010 - 08/24/2012

*Fogarty International Center and RAPIDD Intergovernmental Personnel Act Assignment Agreement*

AARON ALAN KING (LSA Ecology & Evolutionary Bio)

\$59,890 09/01/2010 - 06/30/2012

*A Multi-Center, Double-Blind, Placebo-Controlled Phase II Study of Pioglitazone in Early Parkinson's Disease*

KELVIN LIN-YU CHOU (Neurology Department)

\$42,600 12/01/2009 - 11/30/2010

**Health Effects Institute**

*Modeling and Analysis of Personal Exposure to Pollutant Mixtures: Further Analysis of the RIOPA Study Data*

STUART ARTHUR BATTERMAN (Environmental Health Sciences)

with BHRAMAR MUKHERJEE

\$79,982 09/01/2010 - 08/31/2011

**Health Solutions**

*Health Solutions*

DEE W EDINGTON (Health Management Research Ctr)

\$170,000 04/01/2010 - 03/31/2013

**Hewlett-Packard Company**

*Flexible Resource Management in Highly Available Virtual Data Centers*

KANG GEUN SHIN (COE EECS - CSE - RTCL)

\$75,000 08/01/2010 - 07/31/2011

*2010: Gadara: Dynamic Deadlock Avoidance in Concurrent Software via Discrete Control*

STEPHANE LAFORTUNE (COE EECS - ECE - Con)

with SCOTT MAHLKE

\$75,000 08/01/2010 - 07/31/2011

*Disaggregated Memory for Energy-Efficient Data Centers*

TREVOR N MUDGE (COE EECS - CSE - ACAL)

\$70,000 08/01/2010 - 07/31/2011

**INC Research**

*2007.079 Phase 3 Open-Label Randomized Study of Amonafide L-Malate in Combination with Cytarabine compared to Daunorubicin in Combination with Cytarabine in Patients with Secondary Acute Myeloid Leukemia (AML)?*

HARRY P ERBA (Int Med-Hematology/Oncology)

\$82,334 04/01/2008 - 09/30/2011

**Infectious Diseases Society of America**

*Reglation of uterine epithelial cell antimicrobial peptide expression by lipid mediators*

DAVID ARONOFF (Int Med-Infectious Diseases)

\$2,000 07/01/2010 - 06/30/2011

**Institute of Museum and Library Services**

*Families, Illness and Information: A Longitudinal, Ethnographic Study*

TIFFANY VEINOT (School of Information)

\$601,837 07/01/2010 - 06/30/2013

**Integrated Science & Technology, Inc.**

*Application of Advanced Sensor Technology to DoD soil Vapor Intrusion Problems*

EDWARD T ZELLERS (Environmental Health Sciences)

\$144,995 07/01/2010 - 01/31/2011

**International Initiative for Impact Evaluation (3ie)**

*Scaling up Male Circumcision Service Provision*

REBECCA LYNN THORNTON (Pop Studies-Research)

\$310,801 05/01/2010 - 06/30/2012

**International Truck and Engine Corporation (NAVISTAR)**

*Recharge: PIT Testing*

TIMOTHY J GORDON (UMTRI-Vehicle Sys and Control)

\$26,480 03/31/2010 - 06/30/2010

**Japan, Government of**

*Flat Panel Displays*

JERZY KANICKI (COE EECS - ECE - SSEL)

\$10,000 07/01/2010 - 06/30/2011

**Jet Propulsion Laboratory**

*Coupled MGCM-MTGCM Mars Thermosphere Simulations and Resulting Data Products in Support of the MAVEN Mission*

STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)

with DAVID JOHN PAWLOWSKI

\$149,263 07/20/2010 - 05/31/2011

**Johns Hopkins University**

*A Prospective Analysis of Surgery in Patients Presenting with Stage IV Breast Cancer: TBCRC 013*

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

\$27,870 07/01/2009 - 06/30/2010

*MUST trial amendment #5*

SUSAN G ELNER (Ophthalmology & Visual Science)

\$81,489 05/01/2010 - 04/30/2011

**Johnson, Robert Wood, Foundation**

*Michigan Center for Public Health Law*

JENIFER JANE MARTIN (Sch of Public Hlth-Dean's Ofc)

with MATTHEW L BOULTON  
PETER D JACOBSON  
PHYLLIS DENISE MEADOWS

\$1,275,000 09/15/2010 - 03/14/2013

*Robert Wood Johnson Health and Society Scholars*

ANA V DIEZ ROUX (Epidemiology Department)

with JAMES S HOUSE  
JEFFREY D MORENOFF  
MARK L WILSON

\$1,519,648 09/01/2010 - 08/31/2012

*Scholars in Health Policy Research Program*

PAULA M LANTZ (Health Management and Policy)

with EDWARD COLBURN NORTON  
HELEN G LEVY  
LEON WYSZEWIANSKI  
RICHARD L HALL  
RODNEY A HAYWARD  
YU XIE

\$3,000,000 08/01/2010 - 07/31/2013

**JPMorgan Chase & Co.**

*JP Morgan Chase (formerly Bank One)*

DEE W EDINGTON (Health Management Research Ctr)

\$300,000 08/01/2005 - 12/31/2011

**Justice, Department of**

*National Archive of Criminal Justice Data: University of Michigan Archiving Services*

TIMOTHY S BYNUM (ICPSR-Archival Development)

\$900,000 07/01/2010 - 06/30/2011

**Juvenile Diabetes Research Foundation International (JDRF)**

*In vivo reprogramming of acinar cells to beta-cells*

ERNESTO BERNAL-MIZRACHI (Metabolism, Endo & Diabetes)

with CORENTIN MICHEL HERVE CRAS-MENEUR

\$750,000 09/01/2010 - 08/31/2013

**JV Biolabs**

*RESEARCH PROPOSAL FOR EVALUATING TWO COMPOUNDS IN THE HUMAN SKIN ? SCID  
MOUSE TRANSPLANT MODEL*

NARASIMHARAO V BHAGAVATHULA (Pathology Department)

\$145,935 08/05/2010 - 08/04/2011

**Karmann USA**

*Applying Design for Six Sigma Methods to Convertible Roof Systems*

PATRICK CRAIG HAMMETT (UMTRI-Automotive Analysis Div.)

\$12,000 01/18/2010 - 08/01/2010

**Kimberly-Clark Corporation**

*A One-Year Agreement to Develop Anatomical Models*

JAMES A ASHTON-MILLER (Mechanical Engineering)

with JOHN O DELANCEY

\$53,516 08/01/2010 - 07/31/2011

**Knights Templar Eye Foundation, Inc., The**

*The Role of IGF Signaling in Zebrafish Orbital Development and Extraocular Muscle Organization*

ALON KAHANA (Ophthalmology & Visual Science)

\$40,000 07/01/2010 - 06/30/2011

**Kresge Foundation**

*Prison Creative Arts Project Expansion & Replication*

WILLIAM R ALEXANDER (LSA English Language & Lit.)

\$200,000 06/01/2010 - 05/31/2012

*Leadership and Convergence Seminar*

MELANIE A BARNETT (ROSS SCH Executive Education)

\$60,000 07/01/2010 - 12/20/2010

**L-3 Communications**

*Support for University Research in Vacuum Electronics (Gift)*

RONALD M GILGENBACH (Nuclear Eng & Radiological Sci)

\$10,000 07/01/2010 - 06/30/2011

**Lawrence Livermore National Security, LLC**

*Proof of Concept Analysis of Parasitic Feed Antennas and Reactive Impedance Surface Techniques for Improving the Performance of Passive RFID Tag on Metallic Surfaces*

KAMAL SARABANDI (COE EECS - ECE - Rad)

\$50,000 08/05/2010 - 09/30/2010

**Leukemia and Lymphoma Society**

*Targeted Inhibition of Deubiquitinase Activity for Multiple Myeloma Therapy*

NICHOLAS J DONATO (Int Med-Hematology/Oncology)

with ANDRZEJ J JAKUBOWIAK

\$600,000 10/01/2010 - 09/30/2013

**Lilly, Eli, and Company**

*University of Michigan Organic Chemistry Seminar Series*

JOHN P WOLFE (LSA Chemistry)

\$2,500 10/01/2010 - 04/30/2011

**L'Oreal**

*Evaluation of skin responses to sunlight*

GARY J FISHER (Dermatology Department)

\$237,218 07/01/2010 - 06/30/2011

**Lumina Foundation for Education**

*Immigration and Educational Access Policies, Practices, and Public Will*

JOHN C BURKHARDT (SOE-CSHPE)

\$125,000 05/01/2010 - 04/30/2011

**Lycera Inc**

*Studies of Small Molecules that Interact with Novel Targets*

GARY D GLICK (LSA Chemistry)

\$154,500 11/01/2008 - 08/31/2011

**Mayo Clinic**

*Tamoxifen Biotransformation Pathway Pharmacogenomics*

LYNN HENRY (Int Med-Hematology/Oncology)

\$40,824 06/01/2010 - 05/31/2011

**McKing Consulting Corporation**

*Center for Public Health and Community Genomics*

TOBY CITRIN (Health Management and Policy)

\$424,400 07/02/2010 - 09/29/2010

**McKnight Foundation, The**

*In Vivo Monitoring of Neurotransmitters at High Spatial and Temporal Resolution*

ROBERT T KENNEDY (LSA Chemistry)

\$100,000 08/01/2010 - 07/31/2011

**Medical Mutual of Ohio**

*Medical Mutual of Ohio HRA*

DEE W EDINGTON (Health Management Research Ctr)

\$140,000 08/01/2010 - 07/31/2012

**Medimmune, Inc.**

*Experimental Plan for Collaboration Between MedImmune and D. Simeone Lab on In Vivo Effects of 6D7OP Antibody*

DIANE M SIMEONE (GSA - Gastrointestinal (SGI))

\$119,481 07/28/2010 - 06/15/2011

**Medpace, Inc**

*A Phase II double-blind, placebo-controlled study of two doses of EPA-E in patients with NASH Protocol# MCH-02-001*

HARI S CONJEEVARAM (Int Med-Gastroenterology)

\$169,000 08/05/2010 - 08/31/2012

**Medtronic, Inc.**

*Medtronic 2010 EP Fellowship Program*

FRANK PELOSI JR (Int Med-Cardiology)

\$40,000 07/01/2010 - 06/30/2011

*Melody? Transcatheter Pulmonary Valve Post-Approval Study*

AIMEE K ARMSTRONG (Pediatrics-Cardiology)

\$42,200 07/19/2010 - 07/31/2015

**Merck Sharp and Dohme Research Laboratories**

*Addendum #1 to "A Phase II Trial of Vorinostat plus Tacrolimus & Mycophenolate to Prevent Graft Versus Host Disease in patients Undergoing a Reduced Intensity Conditioning Allogeneic Transplant from an HLA matched Related Donor" (2008.095)*

PAVAN R REDDY (Int Med-Hematology/Oncology)

\$62,179 12/18/2008 - 12/31/2010

**Michigan Campus Compact/Michigan Nonprofit Association**

*Environmental Literacy for College Access and Success*

JONATHAN H JAROSZ (Flint University Outreach)

\$19,758 05/30/2010 - 05/30/2011

**Michigan's Children**

*News Survey Project to recommend content for the Kids Speak Website*

LARRY M GANT (School of Social Work)

\$4,000 07/01/2010 - 06/30/2011

**Michigan, State of, Community Health, Department of**

*Cancer genomics Best Practices Project*

STEPHEN B GRUBER (Int Med-Molecular Med&Genetics)

\$3,500 08/01/2010 - 09/30/2010

*University of Michigan Breast and Ovarian Cancer Risk and Evaluation Program*

SOFIA D MERAJVER (Int Med-Hematology/Oncology)

\$3,500 08/01/2010 - 09/30/2010

*Promising Practices for Reducing Racial Disparities in Infant Mortality in Michigan - A Pilot Study*

DEREK GRIFFITH (Hlth Behavior & Hlth Ed Dept)

with PHYLLIS DENISE MEADOWS

THOMAS M REISCHL

\$28,763 08/01/2010 - 09/30/2010

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

*2010 Police Training MCOLES Law Enforcement Program*

CHARLES A NOFFSINGER (Staff Operations Bureau)

\$5,138 01/01/2010 - 12/31/2012

*MCOLES-LED Spring 2010 Disbursement*

CHALMERS F SANDERS (Flint Safety)

\$1,087 01/01/2010 - 12/31/2012

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

*Multi-Phase SPAT / GID Communications System*

RALPH L ROBINSON (Transportation Systems Group)

with FRANCOIS DION

\$250,000 08/04/2010 - 06/20/2012

*MDOT and CVTA International Vehicle Infrastructure Integration (VII) Conference - September 2010*

PETER FRANK SWEATMAN (UMTRI-Administration / Library)

\$44,118 07/01/2010 - 11/30/2010

**Michigan Suburbs Alliance**

*Cool Cities Internship Program*

SANDRA R GREGERMAN (LSA UG: UROP)

\$45,850 03/01/2010 - 08/31/2010



**Michigan Technology and Research Institute**

*Addendum #3: EFFECTS OF GADOLINIUM-CONTAINING MRI CONTRAST AGENTS ON HUMAN DERMAL FIBROBLASTS IN MONOLAYER CULTURE AND HUMAN SKIN IN ORGAN CULTURE.*

JAMES VARANI (Pathology Department)

\$30,900 07/01/2010 - 06/30/2011

**Micrus Endovascular Corporation**

*PAC Large & Giant Aneurysms REGISTRY*

ADITYA S PANDEY (Neurosurgery)

\$18,050 07/02/2010 - 07/31/2011

**Midwest Eye Banks and Transplantation Center**

*Regulation of retina-specific gene expression*

PETER F HITCHCOCK (Ophthalmology & Visual Science)

\$15,000 07/01/2010 - 06/30/2011

*MERTK Signaling Pathways in RPE Phagocytosis*

DEBRA A THOMPSON (Ophthalmology & Visual Science)

\$2,500 07/01/2010 - 06/30/2011

*Testing post-natal models of Pitx2-related glaucoma*

PHILIP J GAGE (Ophthalmology & Visual Science)

\$15,000 07/01/2010 - 06/30/2011

*Diagnostic imaging for intraoperative floppy iris syndrome*

RONI MINTZ SHTEIN (Ophthalmology & Visual Science)

\$14,338 07/01/2010 - 06/30/2011

*Student Stipend*

DAVID N ZACKS (Ophthalmology & Visual Science)

\$2,500 07/01/2010 - 06/30/2011

*Outcomes of refractive surgery performed by trainees*

SHAHZAD I MIAN (Ophthalmology & Visual Science)

\$2,500 07/01/2010 - 06/30/2011

*Zebrafish and EOM*

ALON KAHANA (Ophthalmology & Visual Science)

\$2,500 07/01/2010 - 06/30/2011

*CHROMOPHORE THERAPY IN RETINAL DEGENERATION*

DEBRA A THOMPSON (Ophthalmology & Visual Science)

\$15,000 07/01/2010 - 06/30/2011

**Millennium Pharmaceuticals, Inc.**

*A Multicenter, Open-Label, Dose-Escalation, Phase 1 Study of TAK-733, an Oral MEK Inhibitor, in Adult Patients with Advanced Nonhematologic Malignancies*

BRUCE G REDMAN (Int Med-Hematology/Oncology)

\$411,080 07/01/2010 - 07/01/2012

**Minnesota, State of**

*Project IDEAL State Membership Minnesota Yr.9*

JEROME JOHNSTON (RCGD-Communication/Education)

\$17,850 06/15/2010 - 06/30/2011

**Mott, Charles Stewart, Foundation**

*Committed to Excellence and Opportunity (CEO)*

TENDAJI W GANGES (Flint Educational Opportunity)

\$237,500 06/01/2010 - 06/30/2011

**NanoMech, LLC**

*Advanced Nanofluids for Grinding MQL*

DAVID A STEPHENSON (CoE Wu Mfg Research Center)

\$14,000 07/01/2010 - 06/30/2011

**National Aeronautics and Space Administration**

*Coupling Between the Evolution of the Large-scale Magnetospheric Configuration and Ring Current Development: Effects of High Dynamic Pressure and Intervals of Northward IMF*

JANET U KOZYRA (Space Physics Research Lab)

with DARREN LEE DE ZEEUW

MICHAEL WARREN LIEMOHN

\$378,000 08/04/2010 - 08/03/2013

*An Observation-Based Examination of the Relationship Between Aerosols, Cloud Vertical Structure, and Cloud Radiative forcing in Midlatitude Cyclones*

DEREK J POSSELT (Atm, Oceanic & Space Sci.)

\$598,658 06/16/2010 - 06/15/2013

*Characterization of the Mars Middle Atmosphere (~60-130 km) Using Modern Spacecraft Datasets*

STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)

with STEVEN M NELLI

\$378,908 07/16/2010 - 07/15/2013

*A 3D Climate and Weather Global topside Ionosphere and Plasmasphere Model*

MARK MOLDWIN (Atm, Oceanic & Space Sci.)

\$450,756 08/05/2010 - 08/04/2014

*Mesosphere/Lower Thermosphere Tidal Strength Products*

RICK J NICIEJEWSKI (Space Physics Research Lab)

with WILBERT R SKINNER

\$191,811 08/05/2010 - 08/04/2012

*Development of an Integrated Radar-Radiometer Estimation Algorithm for Retrieval of Soil Moisture from SMAP*

MAHTA MOGHADDAM (COE EECS - ECE - Rad)

\$30,000 09/01/2010 - 08/31/2011

*Structure and Dynamics of the 60-120 km Region on Mars*

STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)

\$30,000 09/01/2010 - 08/31/2011

*Michigan Space Grant Consortium*

ALEC D GALLIMORE (Aerospace Engineering)

\$2,875,000 06/14/2010 - 06/13/2015

*Using the Global Precipitation Measurement Microwave Imager as a Transfer Standard for the GPM Constellation of Satellites*

CHRISTOPHER S RUF (Space Physics Research Lab)

with RACHAEL ANN KROODSMA

\$30,000 09/01/2010 - 08/31/2011

*Ions from Mercury: Magnetosphere, Sputtering and Transport*

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

with JIMMIE M RAINES

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

*New Operating Mode for a Quadrupole Mass Spectrometer*

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

with DANIEL GERSHMAN

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

*Suprathermal Particles Near the Sun*

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

with JACOB R GRUESBECK

\$30,000 07/01/2010 - 06/30/2011

*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 - 08/31/2011

*Modeling, Characterization, and Experimental Validation of Composite Adhesive Joints*

ANTHONY M WAAS (Aerospace Engineering)

\$30,000 07/28/2010 - 07/05/2011

*Analysis of Pick-Up Ion Loss at Mars*

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

with SHANNON CURRY

\$30,000 09/01/2010 - 08/31/2011

*Statistical Data-Model Comparisons of the Inner Magnetosphere During Deomagnetic Storms of the IMAGE Mission*

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

with ROXANNE M KATUS

\$30,000 06/01/2010 - 05/31/2011

*Development of Radio Frequency Interference Mitigation Algorithms for the Aquarius and SMAP Spaceborne Radiometers*

CHRISTOPHER S RUF (Space Physics Research Lab)

with SIDHARTH MISRA

\$30,000 09/01/2010 - 08/31/2011

*Differential InSAR Over Vegetative Terrain for the Detection and Prediction of Earthquakes*

KAMAL SARABANDI (COE EECS - ECE - Rad)

\$30,000 09/01/2010 - 08/31/2011

*Development of the Aquarius Science Algorithm and Calibration/Validation Plan*

CHRISTOPHER S RUF (Space Physics Research Lab)

\$355,382 02/01/2011 - 01/31/2014

*Radio Band Polarization as a Probe of the Origin of GAMMA-Ray Emission from Blazars*

MARGO F ALLER (LSA Astronomy)

\$79,797 07/23/2010 - 07/22/2011

*Element Abundance Measurements in the Chromospheric FIP Fractionation Region*

ENRICO LANDI (Atm, Oceanic & Space Sci.)

\$66,852 07/01/2010 - 06/30/2011

*GMI Vicarious Calibration Tool*

DARREN SHAWN MCKAGUE (Space Physics Research Lab)

with CHRISTOPHER S RUF

\$276,159 08/01/2010 - 07/31/2013

*Michigan Space Grant Consortium Augmentation 2010 - 2011*

ALEC D GALLIMORE (Aerospace Engineering)

\$270,000 06/14/2010 - 06/13/2011

**National Childhood Cancer Foundation**

*National Childhood Cancer Foundation subcontract 19554*

RAJEN J MODY (Pediatrics-Hematology/Oncology)

\$44,288 03/01/2010 - 02/28/2011

**National College Advising Corps**

*Michigan College Advising Corps/NCAC*

WILLIAM COLLINS (Ctr for Educational Outreach)

\$100,000 07/01/2010 - 06/30/2011

**National Collegiate Athletic Association**

*Providing Data Preparation and Archiving Services to the National Collegiate Athletic Association*

PETER A GRANDA (ICPSR-Archival Development)

\$50,101 07/15/2009 - 07/14/2011

**National Marrow Donor Program (NMDP)**

*Unrelated Donor Hematopoietic Cell Transplantation for Children with Severe Sickle Cell Disease Using a Reduced Intensity Conditioning Regimen (CTN 601)*

JOHN E LEVINE (Pediatrics-Hematology/Oncology)

\$37,764 06/14/2010 - 06/13/2014

*A Trial of Single Autologous Transplant with or without Consolidation Therapy versus Tandem Autologous Transplant with Lenalidomide Maintenance for Patients with Multiple Myelom*

JAMES L FERRARA (Pediatrics-Hematology/Oncology)

\$68,614 06/14/2010 - 06/13/2014

*BMT CTN 0403 | A Randomized Double-Blind, Placebo-Controlled Trial of Soluble Tumor Necrosis Factor Receptor: Enbrel (Etanercept) for the Treatment of Acute IPS Following Allogeneic Cell Transplantation | UMCC 2006.116*

GREGORY A YANIK (Pediatrics-Hematology/Oncology)

\$9,230 04/21/2008 - 04/20/2012

*BMT CTN 0801 | A Phase II/III Randomized, Multicenter Trial Comparing Sirolimus plus Prednisone, Sirolimus/ Extracorporeal Photopheresis plus Prednisone, and Sirolimus/Calcineurin Inhibitor plus Prednisone for the Treatment of Chronic Graft-versus-Host Disease | UMCC 2009.094*

JAMES L FERRARA (Pediatrics-Hematology/Oncology)

\$84,299 06/14/2010 - 06/13/2014

**National Science Foundation**

*Coupled GMI-Climate Models and Aerosol/Cloud Interactions*

JOYCE E PENNER (Atm, Oceanic & Space Sci.)

with XIANGLEI HUANG

\$600,000 08/01/2010 - 07/31/2013

*Engineering Two-Dimensional Crystals*

ADAM J MATZGER (LSA Chemistry)

\$360,000 09/01/2010 - 08/31/2013

*The Climatic Relevance of Pollen in the Atmosphere*

ALLISON L STEINER (Atm, Oceanic & Space Sci.)

\$599,940 08/01/2010 - 07/31/2015

*CAREER: Supersymmetry - from Fundamentals to Phenomenology*

HENRIETTE DINA-MARIA ELVANG (LSA Physics)

\$400,000 09/01/2010 - 08/31/2015

*Evaluating the Impact of Set-Aside Laws on Ex-Offender Recidivism and Socioeconomic Outcomes*

JAMES JONDALL PRESCOTT (Law School)

SONJA BIRGITTA STARR (Law School)

\$145,000 09/01/2010 - 08/31/2012

*Collaborative Research: Climatic and Biotic Transformations of Neogene Mammalian Faunas of Pakistan*

CATHERINE E BADGLEY (LSA Ecology & Evolutionary Bio)

\$200,448 09/01/2010 - 08/31/2013

*Nanoscale (Sub-Wavelength) Rolled-Up Quantum Dot Lasers*

PALLAB K BHATTACHARYA (COE EECS - ECE - SSEL)

\$354,270 09/01/2010 - 08/31/2013

*GOALI: Collaborative Research: Understanding Perovskite-Based NO Oxidation Catalysts via Coupled Experimental and Computational Analysis*

LEVI T THOMPSON JR (Chemical Engineering Dept)

\$358,250 07/01/2010 - 06/30/2013

*Non-Asymptotic Problems on Random Operators in Geometric Functional Analysis and Applications*

ROMAN VERSHYNIN (LSA Mathematics)

\$172,999 08/01/2010 - 07/31/2013

*Singularities in Characteristic Zero and Singularities in Positive Characteristic*

KARL E SCHWEDE (LSA Mathematics)

\$105,420 09/01/2010 - 08/31/2013

*A Request for Planning Funds for a Research and Study Abroad Facility in Geneva, Switzerland in Affiliation with the European Laboratory for Particle Physics*

MYRON K CAMPBELL (LSA Physics)

\$20,000 07/01/2010 - 06/30/2011

*Probing the effects of highly bent and twisted DNA on transcription by RNA polymerase*

EDGAR MEYHOFER (Mechanical Engineering)

with NOEL C PERKINS

\$430,671 08/15/2010 - 07/31/2013

*Algebraic Groups, Arithmetic Groups and Locally Symmetric Spaces*

GOPAL PRASAD (LSA Mathematics)

\$183,999 08/15/2010 - 07/31/2013

*Antarctic Bottom Water Circulation during the Last Deglaciation: Quantitative Constraints from Stable Isotope Tracer Budgets*

DAVID CHARLES LUND (LSA Geological Sciences)

\$314,878 08/15/2010 - 07/31/2013

*Redox Control of Transition Metal Catalyzed Processes*

JOHN MONTGOMERY (LSA Chemistry)

\$480,000 08/01/2010 - 07/31/2013

*International Workshop: Building Science and Engineering Associations for Women in Middle Eastern and North African Countries*

JOHN JOSEPH CRISTIANO (Dbn College of Eng-CEEP)

with BARBARA PEITSCH

\$49,896 07/01/2010 - 06/30/2011

*Materials World Network: Intermediate Band Semiconductor Materials for High Efficiency Solar Energy Conversion*

JAMIE DEAN PHILLIPS (COE EECS - ECE - SSEL)

\$250,000 08/01/2010 - 07/31/2013

*Study of Quantum Hall Liquids Using Single Electron Transistors and Emerging Two-Dimensional Electron Systems*

CAGLIYAN KURDAK (LSA Physics)

\$360,000 08/15/2010 - 07/31/2013

*Case-Control Studies, New Directions and Applications*

BHRAMAR MUKHERJEE (Biostatistics Department)

\$118,926 09/01/2010 - 08/31/2013

*Coming*

BIN NAN (Biostatistics Department)

\$200,000 08/01/2010 - 07/31/2013

*The evolution of gene expression: molecular mechanisms and inheritance patterns revealed on a genomic scale with next-generation sequencing*

TRISHA WITKOPP (LSA Ecology & Evolutionary Bio)

\$733,334 08/01/2010 - 07/31/2013

*Constituency-Level Election Data and the Analysis of Party Systems*

KENNETH W KOLLMAN (CPS-Research)

with ALLEN D HICKEN

\$350,000 08/15/2010 - 07/31/2013

*Collaborative Research: Bridging the gap between long- and short-wavelength structure in the mantle*

JEROEN RITSEMA (LSA Geological Sciences)

\$209,155 08/01/2010 - 07/31/2013

*Doctoral Dissertation Research: Building Bridges: Language Ideology and Mother Tongue Literacy Education in Morocco*

JUDITH T IRVINE (LSA Anthropology)

\$11,000 09/01/2010 - 08/31/2011

*CSR: Small: System Support for Causality-Driven Automated Troubleshooting*

JASON NELSON FLINN (COE EECS - CSE - SSRL)

\$499,500 09/01/2010 - 08/31/2013

*TC: Small: Collaborative Research: User-Centric Privacy Control for Collaborativ Social Media*

KRISTEN R LEFEVRE (COE EECS - CSE - SSRL)

\$226,654 09/01/2010 - 08/31/2013

*Usable Databases Through Organic Technology*

HOSAGRAHAR V JAGADISH (COE EECS - CSE - SSRL)

\$498,521 09/01/2010 - 08/31/2013

*Histone acetylation in C. elegans dosage compensation*

GYORGYI CSANKOVSKI (LSA Molec./Cell./Develop. Bio)

\$536,694 09/01/2010 - 08/31/2013

*AF:CIF:Small:Theoretical Studies of Quantum Information Processing*

YAOYUN SHI (COE EECS - CSE - ACAL)

\$442,745 08/01/2010 - 07/31/2013

*Explaining the Use and Policy Impact of Congressional Conference Committees*

KENNETH W KOLLMAN (LSA Political Science)

\$4,201 09/01/2010 - 08/31/2011

*Using PISA to Develop Activities for teacher Education (UPDATE)*

EDWARD A SILVER (SOE-Educational Studies)

with PATRICIA ANN KENNEY

\$449,476 09/01/2010 - 08/31/2012

*Collaborative Research: Geographic Variation in Plant-Herbivore-Parasite Interactions: Self-Medication in Monarch Butterflies*

MARK D HUNTER (LSA Ecology & Evolutionary Bio)

\$149,300 09/01/2010 - 08/31/2013

*Empirical Implications of Theoretical Models (EITM) Summer Institutes 2011-2015*

ARTHUR LUPIA (CPS-Research)

\$1,939,812 09/01/2010 - 08/31/2015

*Zydeco: A Mobile "Nomadic Inquiry" System to Support and Bridge Science Inquiry Between Classroom and Museum Contexts*

CHRISTOPHER LEE QUINTANA (SOE-Educational Studies)

with JOSEPH S KRAJCIK

\$1,648,674 08/01/2010 - 07/31/2013

*Collaborative Research: Supplemental Request: Approximate Fictitious Play for the Optimization of Complex Systems*

MARINA A EPELMAN (Industrial Operations)

\$23,297 07/13/2010 - 07/31/2011

*Mineral Dissolution in Silicate Melts*

YOUXUE ZHANG (LSA Geological Sciences)

\$350,001 08/01/2010 - 07/31/2013

*"Grant Transfer from Northwestern: Collaborative Research: Optimizing the Supply Chain for Cost and Carbon Footprint"*

MARK STEPHEN DASKIN (Industrial Operations)

\$187,498 01/01/2010 - 07/31/2012

*Modeling CME Initiation with Magnetic Flux Emergence*

WARD B MANCHESTER IV (Atm, Oceanic & Space Sci.)

with BARTHOLOMEUS VAN DER HOLST

\$382,744 10/01/2010 - 08/31/2013

*News Media and Economic Accountability: Economic Risk Frames, Perceived Distance and Public Opinion*

W RUSSELL NEUMAN (LSA Communication Studies)

\$9,500 09/01/2010 - 08/31/2011

*Mousterian Socioeconomic Organization in Southeastern Europe*

ROBERT E WHALLON JR (LSA Anthropology Museum)

\$318,476 08/15/2010 - 07/31/2015

*VOSS: Successful Collaboration between Researchers from Developing and Developed Countries in Virtual Organizations*

THEODORE ALEXANDER HANSS JR (MSA Enabling Technologies)

\$282,663 09/01/2010 - 08/31/2013

*BRIGE: A Stochastic Approach to Evaluating Structural Reliability in Fire*

ANN E JEFFERS (Civil & Environmental Engr)

\$173,584 09/01/2010 - 08/31/2012

*Feasibility Study of High-Performance Cut-off Walls for Levees in Seismic Regions: Ductile Slurry Development and Dynamic Wall Analyses*

ADDA ATHANASOPOULOS-ZEKKOS (Civil & Environmental Engr)

with VICTOR C LI

\$384,406 09/01/2010 - 08/31/2013

*SCREMS: Scientific Computing and Mathematics at the University of Michigan*

DIVAKAR VISWANATH (LSA Mathematics)

\$175,000 09/01/2010 - 08/31/2012

*EAGER: Ion Transport Properties of Layered Kevlar Assemblies for High Performance Lithium Battery Membranes*

NICHOLAS KOTOV (Chemical Engineering Dept)

\$130,000 08/15/2010 - 07/31/2012

*Collaborative Research: Underdesigned and Opportunistic Computing Machines*

DENNIS MICHAEL SYLVESTER (COE EECS - ECE - SSEL)

\$1,090,000 09/01/2010 - 08/31/2015

*GOALI: Integrated versatile opto-fluidic ring resonator laser systems with ultralow threshold (Tsf fr MO)*

XUDONG FAN (Biomedical Engineering)

\$298,041 12/31/2009 - 06/30/2012

*Doctoral Dissertation Research: Stepwise International Migration: Multi-Stage Migration from the Margins*

FATMA MUGE GOCEK (LSA Sociology)

\$9,735 09/01/2010 - 08/31/2011

*Linking biogeochemistry and microbial community dynamics in deep-sea hydrothermal plumes*

GREGORY JAMES DICK (LSA Geological Sciences)

\$367,176 09/01/2010 - 08/31/2013

*Collaborative Research: Design Framework for Biomimetic Elasto-Fluidic Systems*

SRIDHAR KOTA (Mechanical Engineering)

\$339,832 08/15/2010 - 07/31/2013



*MEMS Reconfigurable Subwavelength Metallic Slits for Broadband Terahertz Modulation*

MONA JARRAHI (COE EECS - ECE - Rad)

with MINA RAIESZADEH

\$399,992 09/01/2010 - 08/31/2013

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

JUN NI (CoE Ind/Univ Coop Research Ctr)

LIN LI (CoE Ind/Univ Coop Research Ctr)

\$50,000 07/15/2010 - 06/30/2012

*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)

\$287,669 09/01/2010 - 08/31/2013

*BRIGE: High-Performance Printable Oxides for Flexible Electronics (HiPPO)*

BECKY LORENZ PETERSON (COE EECS - ECE - SSEL)

\$175,000 09/01/2010 - 08/31/2012

*Picowatt Calorimetry for Single Biological Cell Studies*

PRAMOD SANGI REDDY (Mechanical Engineering)

\$184,943 09/01/2010 - 08/31/2012

*Development of highly sensitive ultrafast micro gas chromatography for explosive detection (Tsf from Missouri)*

XUDONG FAN (Biomedical Engineering)

\$108,626 12/31/2009 - 10/31/2010

*Collaborative Research: American National Election Studies (ANES) 2006-2009 Transcribing, Translating, Coding*

ARTHUR LUPIA (CPS-National Election Studies)

\$47,512 08/19/2010 - 08/31/2011

*Supplement Request: Combined Use of 15n Natural Abundances and Tracers to Elucidate Above- and Belowground C and N Cycle Linkages*

KNUTE J NADELHOFFER (LSA Biological Station)

with LUKE E NAVE

\$11,320 07/08/2010 - 08/31/2011

*Doctoral Dissertation Improvement Grant: Competition, Resources, and the Consolidation of Social Complexity*

JOHN M O'SHEA (LSA Anthropology Museum)

\$19,914 08/15/2010 - 07/31/2012

*CAREER: The Interaction of Nitric Oxide with Cytochrome P450- REU Supplement*

NICOLAI LEHNERT (LSA Chemistry)

\$6,136 07/15/2010 - 07/31/2011

*Doctoral Dissertation Improvement Grant: Social Production of Authority at the Iron Age Community of Diouboye, Eastern Senegal*

CARLA M SINOPOLI (LSA Anthropology Museum)

\$11,883 08/15/2010 - 07/31/2011

*WSC-Category 2: Extreme events impacts on water quality in the Great Lakes: Prediction and management of nutrient loading in a changing climate*

ANNA MARTA MICHALAK (Civil & Environmental Engr)

with ALLISON L STEINER

DAN BROWN

DEBORAH N HUNTZINGER

DEREK J POSSELT

DMITRY BELETSKY

DONALD SCAVIA

JENNIFER READ

MARIA CARMEN DE MELLO LEMOS

MICHAEL R MOORE

\$4,992,854 01/01/2011 - 12/31/2015

*Richards Landvatter Doctoral Dissertation Improvement Grant: Identity, Burial Practices, and Social Change in Greco-Roman Egypt*

JANET E RICHARDS (LSA Kelsey Museum/Archaeology)

\$20,000 09/01/2010 - 08/31/2011

*Doctoral Dissertation Improvement Grant: Bronze Age Economies of the Carpathian Basin: Trade, Craft Production, and Agro-Pastoral Intensification*

JOHN M O'SHEA (LSA Anthropology Museum)

\$18,616 08/15/2010 - 07/31/2011

*GRS: GOALI: Friction Stir Alloying and Additive Processes*

ALBERT J SHIH (CoE Wu Mfg Research Center)

\$41,000 08/09/2010 - 06/30/2011

*FIA: Collaborative Research: MobilityFirst: A Robust and Trustworthy Mobility-Centric Architecture for the Future Internet*

ZHUOQING MAO (COE EECS - CSE - SSRL)

\$540,000 09/01/2010 - 08/31/2013

*Niche Versus Neutral Structure in Populations and Communities*

ANNETTE MARIE OSTLING (LSA Ecology & Evolutionary Bio)

\$478,668 09/15/2010 - 08/31/2013

*International Experiences in Low Temperature Plasmas: Student Travel Support to Attend the 2010 Gaseous Electronics Conference*

MARK KUSHNER (COE EECS - ECE - Rad)

\$15,000 09/01/2010 - 08/31/2011

*CI TEAM Implementation Project: The Virtual School of Computational Science and Engineering Network, a collaboration cyberinfrastructure for petascale computing education*

ERIK C HOFER (Chemical Engineering Dept)

\$874,475 09/01/2010 - 08/31/2013

*Fundamental Physics with Cold Polarized Neutrons*

TIMOTHY E CHUPP (LSA Physics)

\$8,000 08/24/2010 - 04/30/2011

*NEESR-CR: Seismic Response of Landfills: In-situ Evaluation of Dynamic Properties of Municipal Solid Waste, Comparison to Laboratory Testing, and Impact on Numerical Analyses*

DIMITRIOS ZEKOS (Civil & Environmental Engr)

\$693,770 09/01/2010 - 08/31/2013

*GRS: Kinetics and Pathways for Gasification in Supercritical Water*

PHILLIP E SAVAGE (Chemical Engineering Dept)

\$41,000 07/26/2010 - 04/30/2011

*REU: Collaborative Research: RI: Medium: Methods for Empirical Mechanism Design*

MICHAEL P WELLMAN (COE EECS - CSE - AI)

\$16,000 07/01/2010 - 08/31/2012

*GRS: First-Principles Studies of Heterogeneous Electrochemistry: Electrochemical Oxidation Reactions Over Solid Fuel Cells (SOFC) Metal/Electrolyte Anodes*

SULJO LINIC (Chemical Engineering Dept)

\$41,000 08/13/2010 - 05/31/2011

*GRS: Direct visualization of strain-induced yielding of colloidal gels*

MICHAEL J SOLOMON (Chemical Engineering Dept)

\$41,000 08/16/2010 - 05/31/2012

*GRS: Investigating Membrane-Nanoparticle Interaction with Molecular Simulations*

ANGELA VIOLI (Mechanical Engineering)

\$41,000 08/25/2010 - 03/31/2012

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

LEVI T THOMPSON JR (Chemical Engineering Dept)

\$6,000 08/09/2010 - 08/31/2010

*EAGER: Micromachined Sensors for Multi-functional and Autonomous Analysis of Geofluids: A New Approach to the Design and Performance of Chemical Sensors in Extreme Environments*

YOGESH B GIANCHANDANI (COE EECS - ECE - SSEL)

\$51,805 08/01/2010 - 07/31/2011

*Supplement: Design of "Crack-free" Concrete Materials with Robust Self-healing Functionality*

VICTOR C LI (Civil & Environmental Engr)

\$41,000 07/27/2010 - 05/31/2011

*Collaborative Research: Workshop: The Future of Multidisciplinary Design Optimization - Advancing the Design of Complex Systems, Fort Worth, Texas, Sept. 16, 2010*

JOAQUIM R R A MARTINS (Aerospace Engineering)

\$7,655 08/01/2010 - 07/31/2011

*Postdoctoral Research Fellowship*

SHERETTA TEKISE BARNES (School of Education)

\$5,000 08/01/2010 - 07/31/2011

*Collaborative Research: EARly-concept Grants for Exploratory Research: Computational Thinking Olympiad*

DRAGOMIR RADKOV RADEV (COE EECS - CSE - AI)

\$50,000 08/01/2010 - 07/31/2012

*NSF Postdoctoral Research Fellowship for Brian Lehmann*

ROBERT K LAZARSELD (LSA Mathematics)

\$1,667 09/01/2010 - 08/31/2013

*Optical Excitations and Applications in Novel Organic Macromolecular Aggregates - Supplement*

THEODORE G GOODSON III (LSA Chemistry)

\$40,000 08/30/2010 - 04/30/2011

*Tailoring the Properties of Dilute Nitride-Bismide Semiconductor Alloys*

RACHEL S GOLDMAN (Materials Science & Engin.)

with CAGLIYAN KURDAK

\$10,000 07/15/2010 - 06/30/2013

*The Design of Research-in-Instruction Laboratories (RILabs) as a Foundation for Transforming*

MARK HOOVER THAMES (SOE-Educational Studies)

with HYMAN BASS

\$299,972 08/15/2010 - 07/31/2012

*EAGER: Enabling Mobile Services through In-network Storage and Computation--Evaluation using the GENI Infrastructure*

ZHUOQING MAO (COE EECS - CSE - SSRL)

\$134,998 09/01/2010 - 08/31/2012

*Industry/University Cooperative Research Center for Intelligent Maintenance Systems (IMS): Five Year Renewal Proposal*

JUN NI (CoE Ind/Univ Coop Research Ctr)

\$16,000 08/06/2010 - 06/30/2012

*EAGER: Modeling and Recognizing Collective Activities*

SILVIO SAVARESE (COE EECS - ECE - Con)

\$80,000 09/01/2010 - 08/31/2011

*Workshops on Data Management and Data Visualization Needs and Priorities for 21st Century CyberInfrastructure*

MARGARET L HEDSTROM (School of Information)

\$49,911 09/01/2010 - 08/31/2011

*Graduate Research Fellowship Program*

JANET A WEISS (Grad Schl-Fellowship Prgm)

\$2,036,417 08/08/2010 - 01/31/2012

**National Survey of Parents and Youth (NSPY) Center JV, LLC**

*Using Secondary Analysis of the National Survey of Parents and Youth (NSPY) Workshop*

FELICIA B LECLERE (ICPSR-Archival Development)

with SABRINA AVRIPAS BAUROTH

\$25,493 05/01/2010 - 07/31/2010

**National Writing Project**

*Oakland Michigan Writing Project*

LAURA JANE ROOP (School of Education)

\$46,000 07/01/2010 - 06/30/2011

**Neoprobe Corporation**

*Multicenter Study of Lymphoseek-Identified Sentinel Lymph Nodes*

DOUGLAS BRIAN CHEPEHA (Otolaryngology)

\$61,440 06/28/2010 - 06/27/2013

**Nereus Pharmaceuticals, Inc**

*Protocol Ame #6 UMCC 2008.047: Phase 1 Clinical Trial of NPI-0052 in Patients with Relapsed or Relapsed/Refractory Multiple Myeloma*

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$10,960 06/01/2010 - 09/17/2011

**New York University**

*Fast and Rapidly Convergent CEM Techniques*

ERIC MICHIELSSEN (COE EECS - ECE - Rad)

\$67,039 09/01/2010 - 08/31/2011

**NextEra Energy Resources, LLC**

*Florida Power & Light (FPL)*

DEE W EDINGTON (Health Management Research Ctr)

\$105,000 02/28/2010 - 03/01/2013

**Nichols Consulting Engineers**

*Profile Analysis to Quantify the Impact of Curl and Warp on the Arizona LTPP SPS-2 Site*

TIMOTHY J GORDON (UMTRI-Engineering Systems)

\$28,000 06/25/2010 - 08/31/2010

**North Shore-Long Island Jewish Health System**

*Targeting Renal Inflammatory Pathways of SLE Nephritis in Mouse and Man*

MATTHIAS KRETZLER (Int Med-Nephrology)

\$191,940 08/01/2010 - 03/31/2011

**Novartis**

*An Open Label, Time-To-Event Continuous Reassessment Method, Phase I/II Study of the Mammalian Target of Rapamycin (mTOR) Inhibitor RAD001 in Combination with Imatinib (Gleevec) in Patients with Chronic Phase Chronic Myeloid Leukemia (CML) with Persistent Molecular Disease.*

MOSHE TALPAZ (CTO-Phase 1)

with DALE LEE BIXBY

\$349,999 08/11/2010 - 12/31/2013

*Phase 2 trial of Oral Panobinostat (LBH589), a Novel Deacetylase Inhibitor (DACi) in Patients with Primary Myelofibrosis (PMF), Post Essential Thrombocythemia (ET) Myelofibrosis and Post-Polycythemia Vera (PV) Myelofibrosis*

MOSHE TALPAZ (Int Med-Hematology/Oncology)

\$413,170 06/11/2010 - 01/01/2011

*A randomized, open-label, multi-center phase III study to evaluate the efficacy and safety of nilotinib versus imatinib in adult patients with unresectable or metastatic gastrointestinal stromal tumors (GIST)*

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$161,104 06/02/2009 - 06/01/2022

**NuStep, Inc**

*The Metabolic Cost of Recumbent Exercise at Self Selected and Specified Intensity in Overweight Individuals*

PAUL MARK GORDON (Physical Medicine & Rehab Dept)

\$63,660 07/14/2010 - 03/31/2011

**Oakland, County of**

*Jobs for Michigan*

GEORGE A FULTON (IRLEE)

\$19,000 07/01/2010 - 09/29/2010

**Oakland Schools**

*History Education Project: World History Curriculum, Era 1-3*

ROBERT B BAIN (SOE-Educational Studies)

\$19,000 02/01/2010 - 09/30/2010

**Oakwood Healthcare System**

*Oakwood Healthcare Systems (HRAs)*

DEE W EDINGTON (Health Management Research Ctr)

\$45,000 06/01/2010 - 05/31/2013

**Ohio State University, The**

*Various Gynecologic Oncology Group (GOG) Protocols*

CAROLYN MARIE JOHNSTON (Obstetrics and Gynecology Dept)

\$10,000 04/01/2010 - 03/31/2011

**Oklahoma, State of**

*Project IDEAL State Membership Oklahoma Yr.9*

JEROME JOHNSTON (RCGD-Communication/Education)

\$10,500 08/01/2010 - 07/31/2011

**Oncolytics Biotech, Inc.**

*Randomized, Double-blind, Multicenter Two-Stage Adaptive Phase 3 Study of Intravenous Administration of REOLYSIN (Reovirus Type 3 Dearing) in Combination with Paclitaxel and Carboplatin versus the Chemotherapy Alone in Patients with Metastatic or Recurrent Squamous Cell Carcinoma of the Head and Neck who have Progressed on or after Prior Platinum-Based Chemotherapy*

FRANCIS P WORDEN (Int Med-Hematology/Oncology)

\$271,965 07/01/2010 - 06/30/2013

**Oregon State University**

*Improved Cages for Fish Culture Commercialization in Deep Water Lakes - Continuation on to 10-PAF00386*

JAMES STEPHEN DIANA (Sch of Nat Resources & Environ)

\$200,000 01/01/2010 - 09/29/2011

**Otonomy, Inc**

*A prospective, randomized, double-blind, placebo-controlled, multicenter, phase 1B study of Oto-104 given as a single intratympanic injection in subjects with unilateral meniere's disease*

ALEXANDER ARTS (Otorhinolaryngology Department)

\$53,150 08/01/2010 - 07/31/2011

**Peace Corps**

*Strategy Contract FY2011 (Peace Corps Recruitment)*

WILLIAM E NOLTING (International Center)

\$18,000 09/30/2010 - 09/29/2011

**Pennsylvania, State of, Department of Education**

*Project IDEAL State Membership PA Yr.9*

JEROME JOHNSTON (RCGD-Communication/Education)

\$3,000 07/01/2010 - 06/30/2011

**Pew Charitable Trusts, The**

*Compartmentalization of dendrites and axons in vivo*

BING YE (Life Sciences Institute-Admin)

\$240,000 07/01/2010 - 06/30/2015

**Pfizer, Inc.**

*Biomarkers of Acute Multiple Sclerosis*

DAVID N IRANI (Neurology Department)

\$9,275 05/12/2010 - 11/12/2010

**PicoCal, Inc.**

*STTR Phase I: Advanced Uncooled Infrared Detectors at the Nano-Scale*

CAGLIYAN KURDAK (LSA Physics)

\$45,176 07/01/2010 - 07/01/2011

**Pixel Velocity**

*Radiofrequency-based Speckle Tracking Echocardiography to Evaluate Diastolic Function*

THEODORE J KOLIAS (Int Med-Cardiology)

\$100,198 05/01/2010 - 10/31/2010

**Plastic Surgery Educational Foundation**

*Economic Analysis of Finger Replantation*

KEVIN CHI CHUNG (Plastic Surgery Section)

\$10,000 07/01/2010 - 06/30/2011

*Venous Thromboembolism Prevention Study (VTEP)*

EDWIN G WILKINS (Plastic Surgery Section)

\$9,000 06/14/2010 - 12/31/2010

**PRA International**

*Phase 2 Open-Label, AC220 Monotherapy Efficacy (ACE) Study in Patients with Acute Myeloid Leukemia (AML) with FLT3-ITD Activating Mutations: 2009.087*

HARRY P ERBA (Int Med-Hematology/Oncology)

\$262,975 06/04/2010 - 06/03/2013

**President, Executive Office of the**

*Levy IPA Agreement*

HELEN G LEVY (SRC-Hrs)

\$130,696 09/01/2010 - 08/12/2011

**Prostate Cancer Foundation**

*Chromosomal translocations as therapeutic targets for prostate cancer*

ARUL M CHINNAIYAN (Ctr fr Translational Pathology)

\$225,000 06/11/2010 - 06/10/2013

**Public Interest Projects, Inc.**

*Leveraging the Fairfax Initiative*

ELIZABETH M HALLORAN (AVP-Individual Giving/Campaign)

\$95,000 05/01/2010 - 04/30/2011

**Radiological Society of North America**

*Characterization of Anti-Neoplastic FADD Kinase Inhibitors Identified Utilizing a Molecular Imaging-Based High Throughput Screen*

ALNAWAZ REHEMTULLA (Radiation Oncology - Ann Arbor)

\$30,000 07/01/2010 - 06/30/2011

**Rawlings Sporting Goods Company, Inc**

*Prototype Instrumented Baseball Bat for Research and Development*

NOEL C PERKINS (Mechanical Engineering)

\$24,865 08/01/2010 - 12/30/2010

**Renal Research Institute, LLC**

*Establishment of a Collaborative for Clinical/Translational Research between the Renal Research Institute (RRI) and the UM-Kidney Epidemiology and Cost*

RAJIV SARAN (Int Med-Nephrology)

with BRENDA WILSON GILLESPIE

RACHEL LEAH PERLMAN

SCOTT HUMMEL

\$237,400 01/01/2010 - 12/31/2010

**Research to Prevent Blindness, Inc.**

*2010 RPB Career-Development Award*

KWOON YIU WONG (Ophthalmology & Visual Science)

\$200,000 07/01/2010 - 06/30/2014

**Rhode Island College**

*Project IDEAL State Membership Rhode Island Yr.9*

JEROME JOHNSTON (RCGD-Communication/Education)

\$12,000 07/01/2010 - 06/30/2011

**Sandia National Laboratories**

*LCIF Measurements on Low Pressure Microwave Generated Discharges*

JOHN EDISON FOSTER (Nuclear Eng & Radiological Sci)

with BRANDON ROBERT WEATHERFORD

\$10,000 07/01/2010 - 12/31/2010

**San Diego State University Foundation**

*Enhancements to the Personal Dead-Reckoning PDR System*

JOHANN BORENSTEIN (Mechanical Engineering)

LAURO V OJEDA (Mechanical Engineering)

\$29,975 02/01/2010 - 09/30/2010

**Sanofi-Aventis Pharmaceuticals**

*Development of Novel HDM2 Inhibitors*

SHAOMENG WANG (Int Med-Hematology/Oncology)

with SANJEEV SHANGARY

\$50,000 06/01/2010 - 09/30/2010

**Schwartz, Kenneth B., Center**

*Schwartz Center Rounds*

SUSAN URBA (Int Med-Hematology/Oncology)

\$7,121 07/01/2010 - 06/30/2011

**Science Applications International Corporation**

*Data Sharing to Study Behavior Related to Non-Recurring Congestion*

DAVID JAMES LEBLANC (UMTRI-Engineering Systems)

\$3,795 12/17/2009 - 01/31/2010



**Scleroderma Research Foundation**

*Cellular and Biochemical Modulation of Inflammation and Fibrosis in Systemic Sclerosis*

VIBHA N LAMA (Int Med-Pulm./Critical Care)

\$50,000 05/01/2010 - 04/30/2011

**Skillman Foundation**

*Ginsberg Center Literacy Program*

THERESA CUSIMANO (Community Service Learning)

\$40,000 07/01/2010 - 07/01/2011

*Community Building Partnership for Selected Detroit Communities*

LARRY M GANT (School of Social Work)

with LESLIE D HOLLINGSWORTH

TRINA R SHANKS

\$800,000 07/01/2010 - 07/01/2012

*Detroit Center for Family Advocacy: An Innovative Model to Reduce the Number of Children in Foster Care*

VIVEK S SANKARAN (Law Clinical Activity)

\$75,000 07/01/2010 - 07/01/2011

**Sloan, Alfred P., Foundation**

*Alfred P. Sloan Research Fellowship for Dr. Asim Beg Neuroscience  
Examining neural interactions in the corticospinal motor system*

ASIM BEG (Pharmacology Department)

\$50,000 09/15/2010 - 09/15/2012

**Smithsonian Institution**

*High Resolution Spectroscopy of a Black Hole Transient*

JON MATTHEW MILLER (LSA Astronomy)

\$43,609 08/10/2010 - 08/09/2012

*Accretion onto Nuclear Black Holes in Early Type Galaxies: Comparing Field Vs Clusters*

ELENA GALLO (LSA Astronomy)

\$243,498 07/02/2010 - 01/08/2012

*Testing the Radiative-Driving Hypothesis of Quasar Outflows*

RAJIB GANGULY (Flint Comp Science, Eng and Ph)

\$74,257 08/17/2010 - 12/31/2010

**Society of University Surgeons**

*Human Hepatocellular Carcinoma and the Microenvironmental Immunosuppressive Network*

THEODORE H WELLING III (Surgery Transplant (STX))

\$30,000 07/01/2010 - 06/30/2011

**Solarflex, LLC**

*Third Generation Solar Cells*

PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)

\$30,000 07/01/2010 - 06/30/2011

**Soligenix, Inc**

*A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of the Safety and Efficacy of orBec? (Oral Beclomethasone 17,21-Dipropionate) in Conjunction with Ten Days of High-Dose Prednisone Therapy in the Treatment of Patients with Gastrointestinal Graft vs. Host Disease: UMCC 2010.038*

JOHN E LEVINE (Int Med-Hematology/Oncology)

\$162,393 08/20/2010 - 07/31/2013

**South Dakota State University**

*Software and Instrumentation for 3D-Imaging of Multiple Molecular Interactions in Living Cells*

JOEL A SWANSON (Microbiology and Immunology)

\$15,000 08/01/2010 - 07/31/2012

**SRC Education Alliance Research Fuse**

*SRCEA Summer Research Fellows Program*

SANDRA R GREGERMAN (LSA UG: UROP)

\$59,000 09/01/2009 - 08/31/2011

**State Bar of Michigan**

*UM Law School Low Income Taxpayer Clinic*

BRIDGET M MCCORMACK (Law Clinical Activity)

with NICOLE APPLEBERRY

\$2,000 05/01/2010 - 04/30/2011

**State University of New York at Buffalo**

*Technology Audit and Insertion Service for TeraGrid*

THOMAS A FINHOLT (School of Information)

\$133,941 07/01/2010 - 06/30/2015

**Sterling and Francine Clark Art Institute**

*Siegfried- Clothing as an object of fantasy in representations of women in the visual arts of the late eighteenth and early nineteenth centuries in France, England, and Germany*

SUSAN L SIEGFRIED (LSA History of Art)

\$25,000 09/01/2010 - 12/31/2010

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

*Childhood Cancer Survivors' Study 2009-2010*

RAYMOND J HUTCHINSON (Pediatrics-Hematology/Oncology)

\$11,379 12/01/2009 - 11/30/2010

**Streamline Numerics, Inc**

*Advanced Unsteady Turbulent Combustion Simulation Capability for Space Propulsion Systems*

WEI SHYY (Aerospace Engineering)

\$47,000 04/30/2010 - 12/31/2010

**Susan Thompson Buffett Foundation**

*Fellowship in Family Planning*

LISA H HARRIS (Obstetrics and Gynecology Dept)

with ANJEL M VAHRATIAN

TAIDA WOLFE

VANESSA K DALTON

\$376,740 07/01/2010 - 06/30/2011

**The American-Israeli Cooperative Enterprise (AICE)**

*Schusterman Visiting Israeli Lecturer*

DEBORAH DASH MOORE (LSA Judaic Studies)

\$60,000 09/01/2010 - 04/30/2011

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

*Tianjin-2, China Asthma Education Program*

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)

\$63,857 06/01/2010 - 05/31/2011

**The Company Biologists Limited**

*5th International Conference on GATA Factors: GATA Factors in Development and Disease*

JAMES DOUGLAS ENGEL (Cell and Developmental Biology)

\$4,580 08/01/2010 - 07/31/2011

**The Epsilon Group**

*Measuring the Impact of a Computerized Dosing Calculator for IV Insulin (CGS-IV)*

ROMA Y GIANCHANDANI (Metabolism, Endo & Diabetes)

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

**The Irving Harris Foundation**

*Improving Low-Income Children's School Readiness: New Perspectives on an Enduring Challenge  
Design Conference in New York City, Sept 29-30, 2010*

DAVID LEE FEATHERMAN (CARSS)

\$15,000 08/15/2010 - 12/31/2010

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

*Robust Air Charge Estimation for Adaptive AFR Control*

JING SUN (Naval Arch & Marine Dept)

\$135,301 07/01/2010 - 06/30/2011

**Transportation, Department of-Other**

*University Transportation Centers Program 2010 Award - M-CASTL*

DAVID W EBY (UMTRI-Behavioral Sciences)

with JEFFREY B HALTER

PETER FRANK SWEATMAN

\$925,700 08/01/2010 - 07/31/2012

**TRW, Inc.**

*Identify the Scope of Truck Driver Injury in Traffic Accidents*

DANIEL F BLOWER (UMTRI-Vehicle Safety Analysis)

with JOHN WOODROOFFE

\$36,269 07/01/2010 - 10/31/2010

**Universal Display Corporation**

*SBIR Ph1: Thermal Management of Phosphorescent Organic Light Emitting Devices*

STEPHEN R FORREST (COE EECS - ECE - SSEL)

\$20,000 06/19/2010 - 03/18/2011

**Universal Technology Corporation**

*Small Turbine Engine Advanced Augmentor Research*

WEI SHYY (Aerospace Engineering)

\$11,366 10/01/2009 - 07/31/2010

**University of California - Berkeley**

*Editorial Practices and the Web*

JULIE A HERRADA (Library Pub Svcs - Spec Collec)

\$51,291 04/01/2010 - 03/31/2012

**University of California - Irvine**

*A cross-national study of SES differences in and adult correlates of age 7-10 achievement, attention and behavioral skills: NCDS analyses*

SHARON ZENECIA SIMONTON (RCGD-General Research)

\$10,000 07/01/2009 - 09/15/2010

**University of California - Los Angeles**

*Remote Diagnosis of the Solar Wind: Interpreting Solar Wind Structure from Cometary Observations: University of Michigan Participation*

WARD B MANCHESTER IV (Space Physics Research Lab)

\$78,000 02/02/2010 - 02/01/2013

**University of California - San Francisco**

*The Epilepsy Phenome/Genome Project (EPGP)*

JACK M PARENT (Neurology Department)

with SIMON GLYNN

\$115,945 05/01/2010 - 04/30/2011

**University of California - Santa Barbara**

*Millimeter Wave GaN based devices*

JASPRIT SINGH (COE EECS - ECE - SSEL)

with JOHN M HINCKLEY

\$45,000 05/01/2010 - 03/31/2011

**University of Illinois-Urbana-Champaign**

*Probing and optimizing quantum dot confined states for next generation intermediate band solar cells*

RACHEL S GOLDMAN (Materials Science & Engin.)

\$5,000 08/15/2009 - 07/31/2010

**University of Iowa**

*Investigating the Effects of SSRIs on bone health in adolescents*

VICKI LYNN ELLINGROD (PHARMACY Clin, Soc & Admin Sci)

\$20,000 08/01/2010 - 06/30/2011

**University of Maryland, The**

*NMR studies of retroviral nucleic acid binding proteins*

ALICE TELESNITSKY (Microbiology and Immunology)

with STEVEN R KING

\$281,377 05/01/2010 - 04/30/2011

**University of Massachusetts**

*Developing coating method and large area flexible mold for roll-to-roll Nanoimprint Lithography*

L JAY GUO (COE EECS - ECE - SSEL)

\$50,000 04/01/2010 - 03/31/2011

**University of Pittsburgh**

*Factors Contributing to Oral Health Disparities in Appalachia*

BETSY FOXMAN (Epidemiology Department)

with CARL F MARRS

CHUANWU XI

DEBORAH E GOLDBERG

LIXIN ZHANG

USHA SRINIVASAN

\$413,477 04/01/2010 - 03/31/2011

*A Multi-Center Study of Acute Liver Failure in Children*

MACLOVIO JAMES LOPEZ (Pediatrics-Gastroenterology)

\$7,600 09/01/2009 - 08/31/2010

*The role of neck strength and reaction time on protective head maneuvers and bracing: effect of age and gender*

EDWARD A HURVITZ (Physical Medicine & Rehab Dept)

\$116,100 07/01/2010 - 08/31/2010

**University of Rochester**

*Prophylactic Phenobarbital after Resolution of Neonatal Seizures*

JOHN D E BARKS (Pediatrics-Neonatal/Perinatal)

with SUCHETA M JOSHI

\$359,453 07/01/2010 - 06/30/2011

**University of Toledo**

*RECHARGE: Protein ID by LTQ-Oribtrap XL*

Order # UM-2010-3047 to UM-2010-3049

KOJO SEYS JOHN ELENITOBA-JOHNSON (Pathology Department)

with VENKATESHA BASRUR

\$418 05/05/2010 - 09/30/2010

*RECHARGE: Protein ID by LTQ-Oribtrap XL*

Order # UM-2010-2887 to UM-2010-2888

KOJO SEYS JOHN ELENITOBA-JOHNSON (Pathology Department)

with VENKATESHA BASRUR

\$279 04/19/2010 - 06/30/2011

**University of Washington**

*MESA Coarse*

SARA D ADAR (Epidemiology Department)

\$90,724 01/01/2010 - 02/28/2011

**University of Wisconsin**

*U of W sub: ARRA Reconfiguring Power Systems to Minimize Cascading Failures: Models and Algorithms*

IAN HISKENS (COE EECS - ECE - Cspl)

\$254,550 09/15/2009 - 09/14/2012

**US-Israel Binational Agricultural Research and Development Fund (BARD)**

*Scent biosynthesis in petunia flowers under normal and adverse environmental conditions*

ERAN PICHERSKY (LSA Molec./Cell./Develop. Bio)

\$137,000 09/01/2010 - 08/31/2013

**Various Sponsors**

*Sample Analysis/ Fee for Service Protein*

HENRIETTE A REMMER (Biomedical Research Core Fac.)

\$3,996 06/01/2008 - 05/31/2011

*Keck Elemental Geochemistry Laboratory*

KYGER C LOHMANN (LSA Geological Sciences)

\$300 11/01/2009 - 10/31/2010

*RECHARGE MedChem Synthesis Core*

HOLLIS D SHOWALTER (PHARMACY Medicinal Chemistry)

SCOTT D LARSEN (PHARMACY Medicinal Chemistry)

\$2,184 09/01/2010 - 08/31/2011

*RECHARGE INSTRUMENT USE AND STAFF SUPPORT FOR EMAL*

JOHN F MANSFIELD (CoE MSE EMAL)

\$14,607 01/01/2010 - 12/31/2011

*Recharge - Chemical Engineering Clean Room*

MARK A BURNS (Chemical Engineering Dept)

\$501 01/01/2010 - 12/31/2010

*RECHARGE NMR Spectroscopy Services*

HENRY I MOSBERG (College of Pharmacy)

\$25,145 07/01/2010 - 06/30/2011

*Automotive Analysis Affiliates Program*

BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)

\$7,500 08/01/2010 - 07/31/2011

**Vestergaard Frandsen**

*Model Analysis of Water Quality Interventions*

JOSEPH NEIL EISENBERG (Epidemiology Department)

\$82,150 07/16/2010 - 08/31/2011

**Veterans Affairs, Department of**

*Oral Maxillofacial Prosthodontist Services*

SAMUEL R ZWETCHKENBAUM (DENT Maxillofacial Surgery)

\$18,163 10/01/2009 - 09/30/2010

**Virginia Polytechnic Institute and State University**

*Analysis of Heavy Vehicle Underride Crash Data*

DANIEL F BLOWER (UMTRI-Vehicle Safety Analysis)

with JOHN WOODROOFFE  
OLIVER A PAGE  
PAUL ERIC GREEN

\$173,544 04/01/2010 - 03/31/2011

*TRACK 7C: INTEROPERABILITY: Interoperability Issues for Commercial Vehicle Safety Applications*

DAVID JAMES LEBLANC (UMTRI-Engineering Systems)

with BRUCE M BELZOWSKI  
DANIEL F BLOWER  
JOHN WOODROOFFE

\$82,000 05/01/2010 - 12/31/2010

**Washington University**

*Washington University Institute of Clinical and Translational Sciences (KL2) -add'l funds*

BETSY FOXMAN (Epidemiology Department)

\$2,699 02/10/2010 - 05/31/2010

**Washtenaw, County of**

*FY2009 Coverdell Forensic Science Improvement Grants Program*

JEFFREY M JENTZEN (Pathology Department)

\$36,500 10/01/2009 - 12/31/2010

**Washtenaw United Way**

*Washtenaw United Way, Regional Alliance for Healthy Schools Social Work Mental Health Program*

SHARON A REDMER (UMH RAHS - Willow Run)

\$10,028 07/01/2010 - 06/30/2011

**Water Environment Research Foundation**

*Understanding Microaerobic Metabolism in a Sustainable World*

NANCY G LOVE (Civil & Environmental Engr)

\$149,312 06/21/2010 - 03/31/2012

**WayLogics, LLC**

*Vehicle Fuel Consumption Modeling For Mixed Fleet Optimal Route Assignment*

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

\$18,000 07/01/2010 - 01/30/2011

*"Vehicle Fuel Consumption Modeling for Mixed Fleet Optimal Route Assignment"*

AMY ELLEN MAINVILLE COHN (Industrial Operations)

\$18,000 06/30/2010 - 12/31/2010

**Wilson, Woodrow, National Fellowship Foundation**

*Anthony Mora-Woodrow Wilson Career Enhancement Fellowship 2010-11*

ANTHONY P MORA (LSA American Culture)

\$31,500 06/01/2010 - 06/01/2011

**Yale University**

*Normal and Neoplastic Stem Cell Niches in the Hematopoietic System*

VALERIE P CASTLE (Pediatrics-Hematology/Oncology)

\$19,125 07/01/2010 - 08/31/2010