

**Received by the Regents**  
**July 15, 2010**

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
June 1, 2010 through June 30, 2010

The awards detailed in this list were established June 1, 2010 through June 30, 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 2009	Number of Awards FY 2010	% Change	Value of Awards FY 2009	Value of Awards FY 2010	% Change
Total Awards Processed (June)	276	249	(9.8)%	\$93,804,974	\$85,632,523	(8.7)%
Research Awards	205	181	(11.7)%	\$79,706,883	\$71,092,343	(10.8)%
Research Training	27	26	(3.7)%	\$8,809,775	\$7,484,101	(15.1)%
Other Sponsored Activity	44	42	(4.5)%	\$5,288,316	\$7,056,079	33.4%
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Total Awards Processed Fiscal Year to Date	2,628	2,594	(1.3)%	\$965,796,843	\$1,102,778,257	14.2%
Research Awards	1,936	2,008	3.7%	\$872,373,178	\$1,003,503,013	15.0%
Research Training	104	119	14.4%	\$46,341,178	\$28,620,959	(38.2)%
Other Sponsored Activity	588	467	(20.6)%	\$47,082,487	\$70,654,285	50.1%

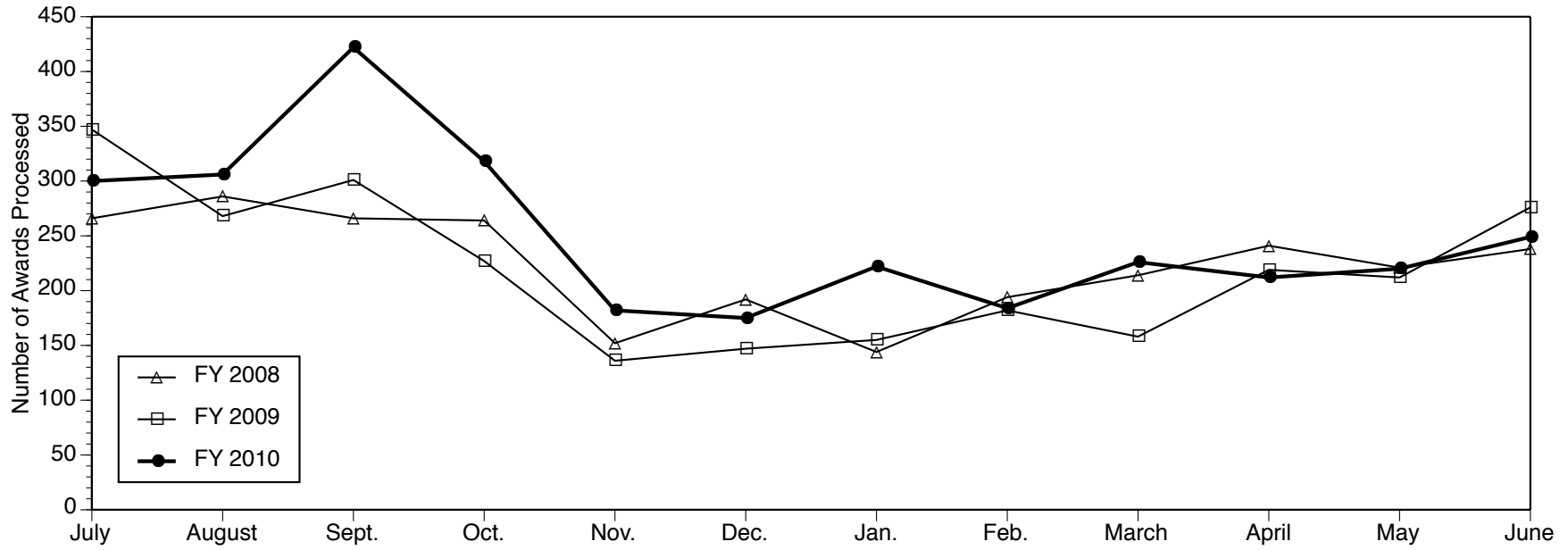
Overall year-to-date totals continue to be in strong positive territory, while the monthly research award and total dollar value decreased when comparing June 2010 with June 2009. The June decline is caused by fewer large awards (over \$1.0 million) processed in June 2010 totaling 31 such awards when compared with June 2009 totaling 23 such awards.

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

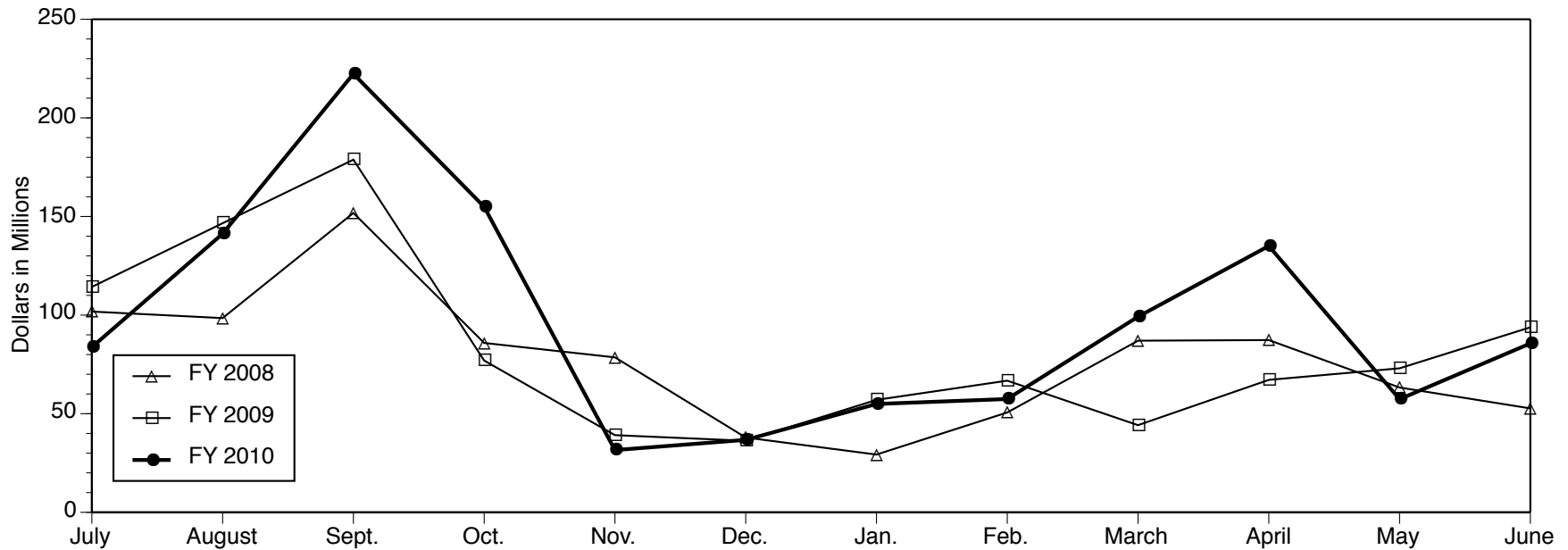
	Federal Expendable Restricted	Other Funds	Total Expenditures
May 2010	\$684,628,887	\$320,846,190	\$1,005,475,077
May 2009	\$590,484,960	\$310,663,504	\$901,148,464
Percent Change	15.9%	3.3%	11.6%

Source: Division of Research Development and Administration

**Number of Awards Processed**



**Dollar Value of Awards Processed**



Data Source: Division of Research Development and Administration

# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

June 01, 2010 through June 30, 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.

## **Advatech Pacific, Inc.**

*Composite Rotor Blade Structural Design Tool*

CARLOS E CESNIK (Aerospace Engineering)

\$161,169 06/15/2010 - 10/20/2011

## **Albany Engineered Composites, Inc.**

*Deformation Response of 3D Hybrid Textile Composites*

ANTHONY M WAAS (Aerospace Engineering)

\$200,000 04/15/2010 - 04/14/2011

## **American Board of Pediatrics, The**

*Research Issues Related to Workforce Requirements and Quality of Practice Measures in Pediatrics (supplement)*

GARY L FREED (Pediatrics-Ambulatory Care Pgm)

\$58,052 10/01/2009 - 10/31/2010

## **American College of Gastroenterology**

*Pilot Study to Determine the Key Characteristics Which Aid in the Diagnosis of Constipated Patients with Dyssynergic Defecation*

WILLIAM D CHEY (Int Med-Gastroenterology)

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

## **American Federation for Aging Research**

*Center of Excellence in Geriatrics*

JEFFREY B HALTER (Int Med-Geriatric Medicine)

with CAROLINE A VITALE

CHRISTINE T CIGOLLE

PEARL LEE

TANYA RUFF GURE

\$107,500 07/01/2010 - 06/30/2011

## **American Heart Association, Inc.**

*Whole exome sequencing to identify dominant thrombosis modifier mutations in the mouse*

DAVID GINSBURG (Life Sciences Institute-Admin)

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

**American Heart Association, Midwest Affiliate**

*Nitroalkenes protect against cardiac hypertrophy through Nrt2 signaling*

YUQING EUGENE CHEN (Int Med-Cardiology)

\$214,500 07/01/2010 - 06/30/2013

*Stress reactivity, cortisol, and obesity in low-income children*

ALISON LESLIE MILLER (Center for Human Growth & Dev)

with JULIE C LUMENG

NIKO KACIROTI

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

*Regulation of Cholesterol Homeostasis by COPII-Dependent ER-Golgi Transport*

DAVID GINSBURG (Life Sciences Institute-Admin)

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

*Stroke-Induced Neurogenesis: Do Adult Born Neurons Persist, Integrate or Contribute to Recovery?*

JACK M PARENT (Neurology Department)

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

**Ann Arbor Transportation Authority**

*Central Campus Transit Center*

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

\$2,356,193 02/28/2010 - 12/31/2011

**Arizona, State of**

*Project IDEAL State Membership Arizona Yr.9*

JEROME JOHNSTON (RCGD-Communication/Education)

\$10,500 10/01/2010 - 09/30/2011

**Array BioPharma**

*A Phase 1 Dose-Escalation Study of Oral ARRY-438162 in Patients with Advanced Solid Tumors Followed by an Expansion Cohort in Patients with Advanced or Metastatic Biliary Cancer*

GAZALA N KHAN (CTO-Phase 1)

\$577,813 06/07/2010 - 06/07/2012

**Association for Institutional Research**

*Stratification by Race and Gender: Tracking Change Across Four NCES Datasets*

MICHAEL BASTEDO (SOE-CSHPE)

\$39,000 05/01/2010 - 05/31/2011

*An Analysis of the Effects of State Financial Aid Policy on the Timing of Postsecondary Enrollment: A Focus on Income and Race Differences*

STEPHEN LOWELL DESJARDINS (SOE-CSHPE)

\$19,000 05/01/2010 - 05/31/2011

**Association of American Medical Colleges**

*Michigan Diversity Study*

CASEY B WHITE (MSA Medical Education)

\$16,000 07/01/2009 - 06/30/2010

**Bayer Corporation**

*Identification of modifiers of bleeding disorders using the zebrafish model system*

JORDAN A SHAVIT (Pediatrics-Hematology/Oncology)

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

**Bio-Rad**

*A direct culture method for the identification of MRSA from skin and soft-tissue wound specimens*

DUANE W NEWTON (Pathology Department)

\$4,000 04/30/2010 - 06/30/2010

**Blackstone Medical, Inc**

*A Radiographic and Clinical Study Evaluating a Novel Allogeneic Cancellous Bone Matrix Containing Viable Stem and Osteoprogenitor Cells in Posterior Lumbar or Transforaminal Lumbar Interbody Fusion*

GREGORY P GRAZIANO (Orthopaedic Surgery)

\$97,551 05/19/2010 - 05/18/2014

**Boston Medical Center**

*Adiponectin and adiponectin receptors in lupus and lupus arteriosclerosis*

MARIANA J KAPLAN (Int Med-Rheumatology)

\$38,362 02/01/2010 - 01/31/2011

**Bowling Green State University**

*Dyadic Data Analysis: Models and Methods for the Study of Couples Workshop*

FELICIA B LECLERE (ICPSR-Archival Development)

\$19,543 05/01/2010 - 07/31/2010

**Brigham and Women's Hospital**

*Targeting Inflammation to Improve Endothelial Function in Type 2 Diabetes: A Substudy of TINSAL-T2D*

RODICA POP-BUSUI (Metabolism, Endo & Diabetes)

\$16,841 01/01/2010 - 12/31/2010

**Brookings Institution**

*Census Research-Metropolitan Policy Program (Continuation)*

WILLIAM H FREY (Pop Studies-Research)

\$15,900 07/01/2009 - 06/30/2010

**CFD Research Corporation**

*High-Fidelity Simulation of Hypersonic Weakly Ionized Plasmas with AMR Capabilities*

IAIN D BOYD (Aerospace Engineering)

\$36,035 05/01/2010 - 02/28/2011

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

*Chronic Kidney Disease in Children Prospective Cohort Study*

DEBBIE GIPSON (Pediatrics-Nephrology)

\$3,000 02/01/2010 - 07/31/2013

**Clinsys Clinical Research, Inc.**

*A Randomized, Partially-Blinded, Multi-Center, Active-Controlled, Dose-Ranging Study Assessing the Safety, Efficacy, and Pharmacodynamics of the REG1 Anticoagulation System Compared to Unfractionated Heparin or Low Molecular Heparin in Subjects with Acute Coronary Syndrome*

STANLEY J CHETCUTI (Int Med-Cardiology)

\$59,616 05/26/2010 - 06/30/2011

*A Randomized, Multicenter, Double-Blind, Phase II Trial of a KLH Conjugated Trivalent Ganglioside Vaccine Containing GM2, GD2 Lactone, and GD3 Lactone with the Immunological Adjuvant OPT-821 versus OPT-821 Alone in Metastatic Sarcoma Patients who are Rendered Disease Free*

RASHMI CHUGH (Int Med-Hematology/Oncology)

\$279,572 05/28/2010 - 05/28/2014

**College Board, The**

*College Board State Need-Based Grant Study*

SUSAN MARIE DYNARSKI (SOE-Educational Studies)

\$11,999 01/01/2010 - 08/31/2010

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

*Coastal Community Management of Stormwater: Implications of Climate Change*

JENNIFER READ (SNRE Michigan Sea Grant)

\$30,000 06/01/2010 - 04/30/2011

*IPA Agreement with Roderick Little*

RODERICK J LITTLE (Biostatistics Department)

\$480,794 09/01/2010 - 08/31/2012

*Great lakes Sea Grant Network Agent - Supplemental Funding*

JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)

\$13,180 05/01/2010 - 04/30/2011

**Commonwealth Fund**

*Evaluation of the Physician Group Incentive Program: From Partisanship to Partnership*

CHRISTY HARRIS LEMAK (Health Management and Policy)

with CHRISTOPHER G WISE

JEFFREY A ALEXANDER

PAULA M LANTZ

\$405,868 05/01/2010 - 10/31/2012

**Community Foundation of Greater Flint**

*UM-FIND Healthy Choices/Nutrition Now II*

LINDA D'APPOLONIA KNECHT (Flint Nursing)

\$5,875 06/01/2010 - 10/01/2010

**Cooley's Anemia Foundation**

*Develop novel therapeutic agents for B-thalassemia*

JAMES DOUGLAS ENGEL (Cell and Developmental Biology)

\$32,000 07/01/2010 - 06/30/2011

**Cornell University**

*National Nanotechnology Infrastructure Network-YR 2-(6 months) 2010 Renewal*

KHALIL NAJAFI (COE EECS - ECE - SSEL)

with FRED L TERRY JR

\$637,500 03/01/2010 - 08/31/2010

**Creare, Inc.**

*A High Performance Low Cost Space Magnetometer System*

JAMES W CUTLER (Aerospace Engineering)

\$75,867 05/24/2010 - 02/16/2012

**Crohn's Disease Working Group**

*Investigating Ultrasound Elasticity Imaging in Assessment of Intestinal Fibrosis in Crohn's Disease*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

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

**Crossbar, Inc**

*High density crossbar memory*

ZHAOHUI ZHONG (COE EECS - ECE - SSEL)

\$120,746 03/15/2010 - 03/14/2011

**Danish Arts Council**

*Simon Dybbroe Moller - Danish Arts Council*

RAYMOND A SILVERMAN (Museum of Art)

\$3,248 06/14/2010 - 01/30/2011

**David Bohnett Foundation**

*David Bohnett Public Service Fellowship*

SUSAN M COLLINS (G. Ford Sc Pub Pol)

\$276,000 05/01/2010 - 04/30/2013

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

*Ultrahigh Z, X-band Oscillator by Integrated Opto-mechano-electro System (OMES)*

TAL ELIEZER CARMON (COE EECS - ECE - OPT)

\$2,201,126 06/15/2010 - 06/14/2014

*Michigan Quantum Summer School*

AARON EDWARD LEANHARDT (LSA Physics)

\$5,000 06/01/2010 - 11/30/2010

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

*Mechanisms of Breast Tumorigenesis and Breast Cancer Therapeutics*

XIAOCHUN YU (Int Med-Molecular Med&Genetics)

\$3,883,087 07/01/2010 - 09/30/2015

*Magnetron Sputtering System for Novel Intrinsically Switchable Thin Film Ferroelectric Resonators and Filters*

AMIR MORTAZAWI (COE EECS - ECE - Rad)

\$150,920 06/15/2010 - 06/14/2011

*Plamonics for Biomolecular Sensors and THz Metamaterial Waveguides*

PINAKI MAZUMDER (COE EECS - CSE - SSRL)

with JACK R EAST

\$139,935 07/01/2010 - 12/31/2010

*HARDI BAA - Phase II*

JERZY KANICKI (COE EECS - ECE - SSEL)

\$69,370 06/01/2010 - 08/31/2010

**Defense, Department of-Defense Threat Reduction Agency**

*Investigation and Control of Electron Transport in Laser X-Ray Sources*

R PAUL DRAKE (Space Physics Research Lab)

with CAROLYN CHRISTINE KURANZ

\$445,996 06/03/2010 - 06/02/2013



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

*Michigan Quantum Summer School: Quantum Simulation and Metrology*

AARON EDWARD LEANHARDT (LSA Physics)

\$5,000 06/15/2010 - 12/31/2010

*Nitride Semiconductor Single-Photon Emitters and Photon Entanglement*

PC KU (COE EECS - ECE - SSEL)

\$150,000 06/21/2010 - 06/20/2011

*Plasmonics-Enabled Ultra-Short Carrier Lifetime Photoconductors for High Power Terahertz Generation*

MONA JARRAHI (COE EECS - ECE - Rad)

\$150,000 06/21/2010 - 06/20/2011

**Delta Dental Plan of Michigan, Inc**

*Continuation - Oral and Systemic Health Connections: Quarterly Research Reviews; A Project Identifying and Summarizing New Research Reports*

GEORGE WESLEY TAYLOR (DENTCariology,Restor Sci &Endo)

\$18,170 02/01/2010 - 12/31/2010

**Dermatology Foundation**

*Delineating the roles of recently-discovered IL-1 family cytokines in psoriasis.*

ANDREW JOHNSTON (Dermatology Department)

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

*Merkel Cell Carcinoma Pathogenesis: Clues from Keratins?*

CHRISTOPHER K BICHAKJIAN (Dermatology Department)

\$55,000 07/01/2010 - 06/30/2011

*The influence of the cytokine network in psoriasis on clinical phenotype and treatment response.*

JAMES T ELDER (Dermatology Department)

\$55,000 07/01/2010 - 06/30/2011

**Duke University**

*Echocardiogram Gender Substudy to STEP IPF*

MEILAN K HAN (Int Med-Pulm./Critical Care)

with DAVID S BACH

PETER HAGAN

\$50,000 09/01/2009 - 04/30/2010

*CHEER Network: Creating Healthcare Excellence Through Education and Research*

STEVEN A TELIAN (Otology-Neurotology)

\$35,988 07/01/2009 - 11/30/2011

**Education, Department of**

*The iterative development of modules to support teachers? engagement in Exploring Language and Meaning in Text with English Language Learners*

MARY J SCHLEPPEGRELL (SOE-Educational Studies)

with ANNEMARIE SULLIVAN PALINCSAR

\$1,396,598 07/01/2010 - 06/30/2013

*Developing Mathematics Teaching through Focused Collaborative Assessment of Practice*

PAMELA ANN MOSS (SOE-Educational Studies)

with TIMOTHY ARTHUR BOERST

\$1,638,954 07/01/2010 - 06/30/2013

*US/ED Fulbright-Hays DOCTORAL DISSERTATION RESEARCH ABROAD Program*

KENNETH W KOLLMAN (LSA II:International Institute)

\$182,071 07/01/2010 - 12/31/2011

**Electric Power Research Institute**

*Factor of Improvement in Resistance of Stress Corrosion Crack Initiation of Alloy 690 over Alloy 600*

GARY S WAS (Nuclear Eng & Radiological Sci)

\$350,000 05/17/2010 - 09/30/2013

**Ellison Medical Foundation**

*Genetic analysis of a rat model of aerobic capacity and aging*

JUN LI (Human Genetics Department)

\$399,330 01/01/2011 - 12/31/2014

**Energy, Department of**

*Recovery Act - Proposal to Study the Properties and Interactions of Elementary Particles*

DANTE ERIC AMIDEI (LSA Physics)

\$284,234 11/01/2009 - 10/31/2010

*Digital 3-Dimensional Position-Sensitive Semiconductor Radiation Detectors*

ZHONG HE (Nuclear Eng & Radiological Sci)

\$900,000 05/01/2010 - 04/30/2013

**Evolving Earth Foundation**

*Derivation of a new soil respired CO2 proxy for application of paleo-CO2 reconstruction*

NATHAN DALE SHELDON (LSA Geological Sciences)

\$3,000 06/01/2010 - 05/31/2011

**Federal Reserve System**

*Household Financial Behavior - 2009 Stimulus Supplement*

RICHARD T CURTIN (SRC-Surveys of Consumers)

\$26,800 01/01/2009 - 12/31/2009

**FIA Foundation for the Automobile and Society**

*Safety and Emission Standards in Key Developing Countries*

MICHAEL SIVAK (UMTRI-Human Factors)

with JAMES R SAYER

\$115,000 09/01/2010 - 08/31/2011

**Florida, State of**

*Mercury TMDL Task Assignment 07*

GERALD J KEELER (Environmental Health Sciences)

with JOSEPH T DVONCH

\$301,690 06/28/2010 - 06/30/2011

**Focus: Hope**

*Process Development and Metallurgical Characterization for Repair, Restoration, Reconfiguration and Reconstruction of Navy Components by Direct Metal Deposition, Laser Micromachining and Friction Stir Processing*

JYOTIRMOY MAZUMDER (CoE Claims Lab)

\$189,986 01/28/2010 - 01/27/2011

*NSF: IUCRC Industry Sponsorship Year 2 (Focus: HOPE)*

JYOTIRMOY MAZUMDER (Mechanical Engineering)

\$30,000 10/01/2009 - 09/30/2010

**Ford Motor Company**

*Development and Evaluation of Tread Wear Methods for Grip Efficient Tires*

BRIAN J LOVE (Materials Science & Engin.)

\$177,992 06/01/2010 - 06/01/2012

*Fuel Efficient Adaptive Cruise Control*

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

\$165,515 06/01/2010 - 06/01/2012

*Ford Instant Innovation*

ERDOGAN GULARI (CoE Research)

\$20,000 05/01/2010 - 11/30/2010

*Characterization of Ford Fuel Cell Catalysts*

KAI SUN (Materials Science & Engin.)

\$16,397 10/01/2010 - 09/30/2011

*Diesel EGR Cooler Fouling Model (N009309 Continuation)*

DIONISSIOS N ASSANIS (Mechanical Engineering)

with JOHN W HOARD

\$48,848 06/01/2010 - 06/06/2011

*Accident Data Analysis*

CHARLES P COMPTON (UMTRI-Data Center)

\$2,924 01/01/2010 - 12/31/2010

*Novel spillover high surface area hydrogen storage materials for on-board fuel cell vehicle applications. University Research Program - Hydrogen Storage*

RALPH T YANG (Chemical Engineering Dept)

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

**Foundation Leducq**

*Multi-Scale Modeling of Single Ventricle Hearts for Clinical Decision Support*

ADAM L DORFMAN (Pediatrics-Cardiology)

with EDWARD L BOVE

\$519,303 01/01/2010 - 12/31/2014

**Genentech, Inc.**

*A phase II, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of rontalizumab (rhuMAb IFNalpha) in patients with moderately to severely active systemic lupus erythematosus.*

PATRICIA CLAUDIA CAGNOLI (Int Med-Rheumatology)

with WENDY E MARDER  
WILLIAM J MCCUNE

\$379,534 06/04/2010 - 07/30/2011

**General Motors Corporation**

*Predictive Welding Quality System: Continuous Improvement of the Thermal-Mechanical FEA model for Welding Process Simulation*

ELIJAH KANNATEY-ASIBU JR (Mechanical Engineering)

\$299,473 05/22/2010 - 03/21/2012

**General Motors Holdings, LLC**

*Addition of Goal 3 to Thrust Area 3: Assanis - Dr. Alok Warey - Advanced Combustion and Aftertreatment of the Continuation of GM/University of Michigan Collaborative Research Laboratory in Engine Systems Research - Assanis*

DIONISSIOS N ASSANIS (ME GM)

\$336,349 05/01/2010 - 04/30/2012

*New Project Under Goal 1 of Thrust Area 4: Hybrid Engine Start in the ?Continuation of the `GM/ University of Michigan Collaborative Research Laboratory in Engine Systems Research?? (GM/UM ESR CRL)-Papalambros-Chiao-Ting Li*

PANOS Y PAPALAMBROS (ME GM)

\$25,106 06/01/2010 - 08/15/2010

*New Project Goal 1 of Thrust Area 4: Waste Heat Recovery Systems for Hybrid Propulsion Systems-GM/UM ESR CRL - Papalambros Visitor KUM*

PANOS Y PAPALAMBROS (ME GM)

\$97,721 06/01/2010 - 06/01/2011

**George Mason University**

*SHINE: Understanding the Impact of Non-MHD Effects on the Coronal Mass Ejection Dynamics in the Inner Heliosphere*

GABOR TOTH (Space Physics Research Lab)

\$78,887 04/15/2010 - 04/14/2012

**GlaxoSmithKline (GSK)**

*Comprehensive Analysis and Credentialing of Histone Methylases and Demethylases in Cancer*

SOORYANARAYANA LNU (Ctr fr Translational Pathology)

with CHRISTOPHER A MAHER

\$500,482 06/01/2010 - 05/31/2012

*An open, single-arm Phase II trial to assess the clinical activity of recMAGE-A3 + AS15 in patients with unresectable MAGEA3-positive metastatic cutaneous melanoma*

CHRISTOPHER D LAO (Int Med-Hematology/Oncology)

\$192,572 04/14/2010 - 03/26/2016

**Greenwall Foundation**

*Ethics and Stratified Reproduction*

LISA H HARRIS (Obstetrics and Gynecology Dept)

\$354,490 07/01/2010 - 06/30/2013

**Harvard University**

*Vaccine for Public Education: A Study of Charter Schools in New York City*

ROBIN TEPPER JACOB (Education and Well Being)

\$419,784 04/01/2010 - 12/31/2010

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

*Advanced Education Nursing Traineeship 2010*

LYNN L LEBECK (Flint Health Science & Admin)

\$15,178 07/01/2007 - 06/30/2011

*Advanced Education Nursing Traineeship*

RICHARD W REDMAN (School of Nursing)

\$67,850 07/01/2010 - 06/30/2011

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

*The Child's Theory of Mind*

HENRY M WELLMAN (Center for Human Growth & Dev)

\$1,015,625 06/07/2010 - 04/30/2015

*Integrated Systems Biology Approach to Diabetic Microvascular Complications*

EVA L FELDMAN (Int Med-Nephrology)

FRANK C BROSIUS III (Int Med-Nephrology)

HOSAGRAHAR V JAGADISH (Int Med-Nephrology)

MATTHIAS KRETZLER (Int Med-Nephrology)

with CHRISTOPHER W BEECHER

DAVID M LUBMAN

JAEMAN BYUN

JEFFREY B HODGIN

KERBY A SHEDDEN

PETER JAMES WOOLF

SUBRAMANIAM PENNATHUR

\$5,392,976 04/01/2010 - 03/31/2015

*Comprehensive Laboratory Animal Monitoring System for Core Facility*

MARTIN MYERS (Metabolism, Endo & Diabetes)

\$178,700 06/15/2010 - 06/14/2011

*A Platform for Optical Nanomachining and Nanoablation, for Biomedical Engineering and Basic Biology*

ALAN J HUNT (Biomedical Engineering)

\$411,666 05/27/2010 - 05/26/2011

*HIV Infection of Bone Marrow Progenitor Cells*

KATHLEEN L COLLINS (Int Med-Infectious Diseases)

\$396,445 07/01/2010 - 06/30/2012

*NIDA Training Program in Neuroscience*

TERRY E ROBINSON (LSA Psychology)

with HUDA AKIL

\$1,659,310 07/01/2010 - 06/30/2015

*Stress, Gene-Environment Interaction and Cardiovascular Disease*

ANA V DIEZ ROUX (Epidemiology Department)

with BHRAMAR MUKHERJEE

J RICHARD PILSNER

SHARON REILLY KARDIA

\$4,197,780 06/15/2010 - 03/31/2014

*Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity*

GABRIEL NUNEZ (Pathology Department)

with LUIGI FRANCHI

\$386,250 06/21/2010 - 05/31/2011

*Substance Abuse Interdisciplinary Training Program*

MARGARET E GNEGY (Substance Abuse Center)

with CAROL J BOYD

SEAN ESTEBAN MCCABE

\$1,829,848 07/01/2010 - 06/30/2015

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

STEPHEN W RAGSDALE (Biological Chemistry Roll-up)

with ERIK R P ZUIDERWEG

JEANNE A STUCKEY

JEFFREY RANDALL MARTENS

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

*Simvastatin to Retard Degenerative Disc Disease*

CHIA-YING LIN (Neurosurgery)

with FRANK LA MARCA

HYUNGJIN MYRA KIM

VICTOR CHI-MIN YANG

\$1,297,799 06/11/2010 - 03/31/2014

*Molecular Regulation of Hair Follicle Morphogenesis*

ANDRZEJ A DLUGOSZ (Dermatology Department)

\$1,746,303 06/15/2010 - 03/31/2015

*Health Literacy and Health Disparities Among the Elderly*

HELEN G LEVY (SRC-Hrs)

\$540,810 08/01/2010 - 07/31/2015

*Mesocorticolimbic Generation of Fear and Desire*

KENT C BERRIDGE (LSA Psychology)

\$98,334 06/01/2010 - 05/31/2013

*Michigan Nutrition and Obesity Research Center (NORC)  
Integrative Basic and Clinical Obesity Research Center*

CHARLES BURANT (MI Metabolic & Obesity Ctr)

with AMY ELIZABETH ROTHBERG

ARUN KUMAR DAS  
CAROLINE R RICHARDSON  
CATHERINE A SPINO  
CHARLES ROBERT EVANS  
CHRISTOPHER W BEECHER  
JAEMAN BYUN  
JAMES D CAVALCOLI  
JEFFREY F HOROWITZ  
JON K ZUBIETA  
KAREN EILEEN PETERSON  
KENNETH RESNICOW  
MARTIN MYERS  
MARYFRAN R SOWERS  
NATHAN R QI  
PAUL MARK GORDON  
ROBERT T KENNEDY  
SUBRAMANIAM PENNATHUR

\$5,793,750 07/01/2010 - 06/30/2015

*Novel Therapeutics for Neurotropic Alphaviruses*

DAVID MILLER (Int Med-Infectious Diseases)

with DAVID N IRANI

JIANMING XIANG  
RICHARD F KEEP  
SCOTT D LARSEN

\$4,089,576 07/01/2010 - 06/30/2015

*Activity-dependent synapse refinement in the memory circuit in vivo*

HISASHI UMEMORI (Molecular & Behav Neurosc Inst)

with MICHAEL MARK ALEXANDER SUTTON

\$1,940,626 06/16/2010 - 03/31/2015

*Volz K01 application for October 12th*

ERIK MCCULLOUGH VOLZ (Epidemiology Department)

\$520,660 07/01/2010 - 06/30/2014

*Sex Hormones in Postmenopausal Women in the Diabetes Prevention Program*

CATHERINE KIM (Int Med-General Medicine)

with BIN NAN

JOHN F RANDOLPH JR

\$1,169,179 07/01/2010 - 05/31/2013

*Cochlear Implants in Reinnervated Ears*

YEHOASH RAPHAEL (Kresge Hearing Research Inst)

with BRYAN E PFINGST

RICHARD A ALTSCHULER

\$2,366,192 06/15/2010 - 05/31/2015

*Mindfulness meditation intervention in COPD*

JANET LOUISE LARSON (School of Nursing)

\$69,674 07/01/2010 - 06/30/2012

*Characterization of a host hepatocyte factor that regulates HCV replication*

CHUNG OWYANG (Int Med-Gastroenterology)

\$396,900 06/15/2010 - 05/31/2013

*Discovery of novel small-molecule inhibitors of the beta-catenin/BCL-9 interaction*

SHAOMENG WANG (Int Med-Hematology/Oncology)

with LONGCHUAN BAI

STEVEN AKIRA KAWAMOTO

\$154,500 06/01/2010 - 05/31/2011

*The Role of ADAM15 in Prostate Tumor Intravasation and Metastasis*

MARK L DAY (Urology Surgery)

\$2,153,835 06/21/2010 - 04/30/2015

*Luciferase-based screening for p53 conformational activators*

YI SUN (Radiation Oncology - Can Bio)

\$77,250 06/15/2010 - 05/31/2012

*Renny Franceschi-Minority Supplemental Grant*

RENNY T FRANCESCHI (DENT Periodontics and Oral Med)

\$33,737 07/01/2010 - 01/31/2012

*Southwest Oncology Group Treatment Grant--Administrative Supplement for RaPID*

LAURENCE H BAKER (Int Med-Hem/Oncology and SWOG)

with ANNE F SCHOTT

BRUCE G REDMAN

CAROLYN J HOBAN

HARRY P ERBA

\$410,460 05/01/2010 - 04/30/2011

*Bisphenol A and Reproductive Dysfunction*

VASANTHA PADMANABHAN (Pediatrics-Endocrinology)

\$76,787 07/01/2010 - 11/30/2013

*Investigating Oncogenic Cooperation between BMI-1 and EWS-FLI1*

ELIZABETH LAWLOR (Pediatrics-Hematology/Oncology)

\$1,610,894 06/10/2010 - 04/30/2015

*Molecular Mechanisms of HIV Disease Pathogenesis*

KATHLEEN L COLLINS (Int Med-Infectious Diseases)

\$358,131 07/01/2010 - 06/30/2011

*Supplement to: Drug Use in Latin American Youth: Longitudinal Study from Infancy to Adolescence*

JORGE DELVA (School of Social Work)

\$4,925 06/01/2010 - 03/31/2012

*A Longitudinal Study of School Dropout and Substance Use Supplement*

MARC A ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)

\$15,228 06/01/2010 - 08/31/2012

*Regulation of the molecular motor kinesin-1*

KRISTEN J VERHEY (Cell and Developmental Biology)

\$85,455 07/01/2009 - 06/30/2011



**Healthways***Healthways*

DEE W EDINGTON (Health Management Research Ctr)

\$150,000 08/01/2009 - 07/31/2012

**Heart Rhythm Society***Intrinsic exercise capacity predicts arrhythmogenic effects of ischemia/reperfusion*

JOSE JALIFE (Int Med-Cardiology)

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

**Hemophilia Foundation of Michigan***Region V East 2010-2011 Cascade Hemophilia Consortium Grant proposal for Patient Assistance*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$74,125 06/01/2010 - 05/31/2011

**Hemophilia of Georgia, Inc (HoG)***Novel methods for identification of modifiers of hemophilia and bleeding disorders*

JORDAN A SHAVIT (Pediatrics-Hematology/Oncology)

\$82,500 07/01/2010 - 06/30/2011

**Hologic, Inc***Evaluation of UofM mass detection CAD system using an independent data set*

HEANG-PING CHAN (Department of Radiology)

with CHUAN ZHOU

JUN WEI

LUBOMIR M HADJIYSKI

\$20,000 05/26/2010 - 06/30/2010

**Honda R & D Americas, Inc.***Sustainable Worldwide Transportation*

MICHAEL SIVAK (UMTRI-Human Factors)

\$30,000 05/07/2010 - 05/06/2011

**Huyck Preserve***Censusing Lianas in Mesic Biomes of the Eastern RegionS (CLIMBERS)*

ROBYN J BURNHAM (LSA Paleontology Museum)

\$1,928 07/15/2010 - 07/14/2011

**Hyundai Mobis Co., Ltd***Usability of a New Driver Interface*

PAUL A GREEN (UMTRI-Human Factors)

\$69,999 05/17/2010 - 12/31/2010

**ICON Clinical Research, Inc.***A4001078 amended contract and budget documents*

JAMES RIDDELL IV (Int Med-Infectious Diseases)

\$3,631 02/02/2010 - 02/01/2012

**IMRA America, Inc.***NSF: IUCRC Industry Sponsorship Yr 5 (IMRA)*

JYOTIRMOY MAZUMDER (Mechanical Engineering)

\$30,000 01/01/2010 - 12/31/2010

**Indiana University**

*Developing a Prediction Model for Vincristine-Induced Peripheral Neuropathy*

RAYMOND J HUTCHINSON (Pediatrics-Hematology/Oncology)

with PATRICIA L ROBERTSON

\$62,595 09/30/2009 - 08/31/2010

*Career Attainment and Satisfaction of High Potential Graduates: A Longitudinal Study of Business Honors Students*

BRIAN D BLUME (Flint School of Management)

\$19,884 03/04/2010 - 07/31/2011

**Institute for Information Industry Emerging Smart Technology Institute 13F**

*International Telematics Demonstration Concept Environment Planning and Proposal*

STEVE UNDERWOOD (Dbn College of Eng-CEEP)

\$11,649 01/01/2010 - 12/31/2010

**Institute of International Education**

*Broadband Impacts and Metrics Workshop*

STEVEN J JACKSON (School of Information)

\$15,000 06/01/2010 - 07/28/2010

**Insurance Institute for Highway Safety**

*LATCH Vehicle Anchorage Usability Survey*

KATHLEEN DESANTIS KLINICH (UMTRI-Biosciences)

with CAROL ANN FLANNAGAN

\$99,628 04/15/2010 - 01/18/2011

**Integrated Science & Technology, Inc.**

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

EDWARD T ZELLERS (Environmental Health Sciences)

\$10,000 07/15/2009 - 06/30/2010

**Intel Corporation**

*High Performance Tunable Quantum Dot Laser WDM Arrays for Optical Interconnects*

PALLAB K BHATTACHARYA (COE EECS - ECE - SSEL)

\$40,000 02/01/2010 - 01/31/2012

**Intelligent Transportation Society**

*Intelligent Transportation Society Michigan (ITS-MI)*

PETER FRANK SWEATMAN (UMTRI-Administration / Library)

\$12,000 05/01/2010 - 12/31/2010

**Jet Propulsion Laboratory**

*An Inundated Wetlands Earth System Data Record: Global Monitoring of Wetland Extent and Dynamics*

MAHTA MOGHADDAM (COE EECS - ECE - Rad)

\$161,073 03/12/2009 - 02/28/2011

*Development of the Michigan Multipurpose Minisat (M-Cubed)*

JAMES W CUTLER (Aerospace Engineering)

\$350,000 05/28/2010 - 09/30/2011

**Johnson, Robert Wood, Foundation**

*RWJ Clinical Scholars Core Program 2010-2012*

RODNEY A HAYWARD (Int Med-General Medicine)

with CAROLINE R RICHARDSON

EVE ASKANAS KERR

GARY L FREED

JOEL D HOWELL

LAURENCE F MCMAHON JR

MARY ELLEN MICHELE HEISLER

MATTHEW M DAVIS

RAYMOND G DE VRIES

RICHARD L LICHTENSTEIN

ROBERT J MCGRANAGHAN

SANJAY K SAINT

SCOTT FLANDERS

TIMOTHY P HOFER

\$1,035,300 07/01/2010 - 06/30/2012

*RWJ Clinical Scholars Cohort 2010-2012*

RODNEY A HAYWARD (Int Med-General Medicine)

\$1,110,000 07/01/2010 - 06/30/2012

**Kaiser Foundation Research Institute**

*Impact of Medicare Part D on Cancer and Diabetes Disparities among Dual Enrollees*

JENNIFER J GRIGGS (Int Med-Hematology/Oncology)

\$31,935 09/30/2009 - 09/29/2010

**Kimmel, Sidney, Foundation**

*Role of the Ash1L histone methyltransferase in normal and malignant hematopoiesis*

IVAN PATRICK MAILLARD (Life Sciences Institute-Admin)

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

**King Abdullah University of Science and Technology Saudi Arabia**

*ENERGY EFFICIENT PHOTONIC AND SPINTRONIC DEVICES*

PALLAB K BHATTACHARYA (COE EECS - ECE - SSEL)

with ERIC MICHIELSSEN

JAMIE DEAN PHILLIPS

\$670,000 07/01/2010 - 06/30/2012

*Plasmonic Nanophotonics for energy efficient organic solar cells and nanolasers*

L JAY GUO (COE EECS - ECE - SSEL)

\$350,000 07/01/2010 - 06/30/2013

*Energy-Efficient Cooperative Communications*

ACHILLEAS ANASTASOPOULOS (COE EECS - ECE - Cspl)

with KIM A WINICK

WAYNE E STARK

\$300,000 07/01/2010 - 06/30/2012

**Lawrence Livermore National Security, LLC**

*Investigation of short pulse laser pumped gamma-ray lasers*

KARL MICHAEL KRUSHELNICK (COE EECS - ECE - USL)

\$30,000 06/02/2010 - 09/30/2010

**Leahey, L. S. B., Foundation**

*The reproductive trajectories of wild bachelor geladas*

JACINTA CATHERINE BEEHNER (LSA Psychology)

\$11,000 04/01/2010 - 03/31/2011

**Lockheed Martin Corporation**

*Concentric Near-Field Plate (NFP) Concentrators*

L JAY GUO (COE EECS - ECE - SSEL)

\$30,000 04/01/2010 - 09/30/2010

**Lycera Corporation**

*Functional Testing of Novel ATPase Inhibitors and ROR-c Inhibitors*

DAVID A FOX (Int Med-Rheumatology)

\$67,237 05/01/2010 - 12/31/2010

**Marguerite Casey Foundation**

*In Support of an Effort to Provide Enhanced Educational Opportunity to Immigrant Students*

JOHN C BURKHARDT (SOE-CSHPE)

\$50,000 06/01/2010 - 05/31/2011

**Mayo Clinic**

*Genetic Determinants of Urine Lithogenicity*

SHARON REILLY KARDIA (Epidemiology Department)

\$77,250 06/01/2010 - 02/28/2011

**McDonnell, James S., Foundation**

*Identification of bistable network topologies associated with toxic aggregation thresholds found in conformational diseases*

SANTIAGO DAVID SCHNELL (Molec & Integrative Physiology)

\$413,487 09/01/2010 - 09/01/2013

**Medarex, Inc**

*A Phase 1b, Open-label, Multicenter, Multidose, Dose-escalation Study of MDX-1106 in Subjects with Selected Advanced or Recurrent Malignancies*

DAVID C SMITH (CTO-Phase 1)

\$2,500 12/01/2008 - 12/31/2011

**MediFit Corporate Services**

*MediFit Corporate Services*

DEE W EDINGTON (Health Management Research Ctr)

\$65,000 01/01/2010 - 12/31/2012

**Merck Sharp and Dohme Research Laboratories**

*Role of Cysteinyl Leukotrienes in the*

MICHAEL J COFFEY (Int Med-Pulm./Critical Care)

\$72,000 06/10/2010 - 03/31/2012

**Michigan Campus Compact**

*COLLEGE CORPS Service for Access Initiative*

WILLIAM COLLINS (Ctr for Educational Outreach)

\$10,101 05/30/2009 - 05/30/2010

**Michigan Humanities Council**

*Cultural Landscape Symposium 2010: Prairie Style Design Legacy in Southeast Michigan and Relevance Today*

GARY S RODGERS (Dbn Henry Ford Estate)  
\$6,827 05/15/2010 - 05/31/2011

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

*Integrated Care for Medicaid Consumers with Behavioral Health Care Needs - AMENDMENT #2*

DAVID LEE NEAL (Psychiatry Department)  
with MELISSA COLINE WEBSTER  
\$36,200 10/01/2009 - 09/30/2010

*MDCH Immunization Summer Internship*

MATTHEW L BOULTON (Sch of Public Hlth-Dean's Ofc)  
\$10,045 05/01/2010 - 08/31/2010

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

*ITQ Supplement--Special Ed Success for All in Algebra*

ROGER F VERHEY (Dbn CASL-Math & Statistics)  
\$26,001 09/01/2008 - 09/30/2010

**Michigan, State of, Energy, Labor and Economic Growth, Department of**

*Michigan Business: Surviving to Thriving (MB:S2T)*

LAWRENCE ALYN MOLNAR (IRLEE)  
MARIAN J KRZYZOWSKI (IRLEE)  
\$1,904,360 01/19/2010 - 06/30/2011

**Michigan, State of, Natural Resources and Environment (MDNRE)**

*Education/Outreach for the Great Lakes Marsh Restoration Project*

JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)  
\$80,000 05/01/2010 - 09/30/2011

**Mid-Michigan Community Action Agency**

*Implementation and Coordination of a Community Gardening Program in Bay, Clare, Gladwin, Mecosta, Midland, and Osceola Counties*

JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)  
\$19,348 05/01/2010 - 09/30/2010

**Mount Sinai Medical Center, The**

*Improving Implementation and QI Research with Regression Risk Analysis*

EDWARD COLBURN NORTON (Health Management and Policy)  
\$99,813 04/01/2010 - 03/31/2011

**MPI Research**

*Middle Ear Cannulae for MPI Research*

JOSEF M MILLER (Kresge Hearing Research Inst)  
\$2,636 04/15/2010 - 10/01/2010

**Muscular Dystrophy Association, Inc.**

*Muscular Dystrophy Association Sponsored Clinic in Pediatrics*

JAMES DOWLING (Pediatrics-Neurology)  
with ANGELA GIACOLETTI ARGENTO  
\$30,000 04/01/2010 - 03/31/2011

**NanoBio Corporation**

*Nanoemulsion-based Vaccine for Chronic Hepatitis B Virus*

JAMES R BAKER JR (MI Nanotechnology Institute)

with DOUGLAS SMITH

\$169,763 04/01/2010 - 03/31/2011

**National Aeronautics and Space Administration**

*The Accretion History of Young Stars in The Milky Way*

NURIA PILAR CALVET (LSA Astronomy)

\$30,000 05/17/2010 - 05/16/2011

*Improving Topside Ionosphere and Plasmasphere Density Models: A Model and Observational Approach*

MARK MOLDWIN (Space Physics Research Lab)

with JULIE ANN FELDT

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

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

JOHN EDISON FOSTER (Nuclear Eng & Radiological Sci)

\$30,000 06/08/2010 - 05/19/2011

*Development of the Kurtosis-based RFI Detection Algorithm for SMAP*

CHRISTOPHER S RUF (Space Physics Research Lab)

\$341,282 04/16/2010 - 04/15/2013

*Miniature Sensor for Electrical Field Measurements in Dusty Environments: Balloon Flight*

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

\$133,910 06/04/2007 - 06/03/2011

*Year 1 Supplement, Improved Representation of Diurnal Precipitation Patterns in the NASA GEOS 5 General Circulation Model*

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

\$48,242 09/01/2009 - 08/31/2010

**National Endowment for the Humanities**

*The American Influenza Epidemic of 1918-1919: A Digital Encyclopedia*

ALEXANDRA STERN (Ctr for History of Medicine)

with HOWARD MARKEL

\$314,688 07/01/2010 - 06/30/2012

*Winter Environment Stabilization Project-- Powerhouse, Henry Ford Estate*

ROBERT G BEHRENS (Dbn Institutional Advancement)

\$350,000 07/01/2010 - 06/30/2011

**National Gallery of Art (Development Office)**

*Warburg Circles: Towards a Cultural History of Art, 1929-1964*

ELIZABETH L SEARS (LSA History of Art)

\$50,000 09/01/2010 - 05/20/2011

**National Humanities Center**

*National Humanities Center Fellowship for Prof. Rebecca Scott*

REBECCA J SCOTT (LSA History)

\$40,000 01/01/2011 - 05/31/2011

## National Psoriasis Foundation

*The immunologic roles of recently-discovered IL-1 family cytokines in psoriasis.*

ANDREW JOHNSTON (Dermatology Department)

\$50,000 05/01/2010 - 04/30/2011

## National Science Foundation

*CAREER: Analysis, Design and Synthesis of High Performance, Low-Power, Real-Time, Embedded Systems*

ROBERT DICK (COE EECS - ECE - SSEL)

\$114,852 08/15/2009 - 06/30/2010

*Collaborative Research: Nutrient co-limitation in young and mature northern hardwood forests*

JOEL D BLUM (LSA Geological Sciences)

\$77,678 07/01/2010 - 06/30/2015

*Collaborative Research: Mass dependent and independent mercury isotope fractionation during microbial methylation and redox transformations of mercury in natural waters*

JOEL D BLUM (LSA Geological Sciences)

\$262,402 06/01/2010 - 05/31/2013

*CIF: Medium: Collaborative Research: From Retroactivity to Modularity: Design and Implementation of a Genetic Insulation Device in Yeast*

DOMITILLA DEL VECCHIO (COE EECS - ECE - Con)

\$442,500 10/01/2010 - 09/30/2014

*Collaborative Research: Causes and Consequences of Vocal Variation in a Howler Monkey (Alouatta spp.) Hybrid Zone: An Integrated Behavioral, Morphological and Genetic Approach*

LILIANA CORTES-ORTIZ (LSA Zoology Museum)

\$371,221 04/02/2010 - 06/30/2013

*NeTS: Medium: Collaborative Research: Experimental Platform for Low-Power Wireless Networking Research*

(COE EECS - CSE - ACAL)

\$315,000 05/01/2010 - 04/30/2013

*RI: Medium: Collaborative Research: Creating Organizationally Adept Software Agents and their Organizations*

EDMUND H DURFEE (COE EECS - CSE - AI)

\$359,999 06/15/2010 - 05/31/2013

*Transition, turbulence, and transport in MHD duct flow*

OLEG ZIKANOV (Dbn Coll of Eng-Mechanical Eng)

\$276,844 06/15/2010 - 05/31/2013

*Exploiting links between nano-technology and heterogeneous catalysis: Shaped silver nano-particles as selective catalysts for partial oxidation of olefins to form chiral and non-chiral epoxides*

SULJO LINIC (Chemical Engineering Dept)

\$300,000 06/15/2010 - 05/31/2013

*Assessing information credibility without authoritative sources*

QIAOZHU MEI (School of Information)

with DRAGOMIR RADKOV RADEV

PAUL J RESNICK

RAHUL SAMI

\$749,994 07/01/2010 - 06/30/2013

*Collaborative Research: Multi-band Differential Code-Shifted Reference Technology for Ultra Wide Band Radio Applied to Intra-Vehicle Wireless Control and Communications Systems*

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

\$158,529 07/01/2010 - 06/30/2013

*Deformation spaces of hyperbolic 3-manifolds*

RICHARD D CANARY (LSA Mathematics)

\$199,640 07/01/2010 - 06/30/2013

*Tailoring the Properties of Dilute Nitride-Bismide Semiconductor Alloys*

RACHEL S GOLDMAN (Materials Science & Engin.)

with CAGLIYAN KURDAK

\$449,996 07/01/2010 - 06/30/2013

*Regularity and Conditioning of Variational Problems*

ASSEN L DONTCHEV (LSA Mathematics)

\$74,890 07/01/2010 - 06/30/2015

*Public Service System for Automated Protein Structure Predictions*

YANG ZHANG (Comp Med and Bioinformatics)

\$588,403 09/01/2009 - 06/30/2013

*Fourth Annual Meeting for the Organization for the Study of Sex Differences*

JILL B BECKER (LSA Psychology)

\$13,590 06/15/2010 - 05/31/2011

*Mass and energy exchange processes in transient high-pressure and high-temperature boundary layers*

VOLKER SICK (Mechanical Engineering)

\$281,959 09/01/2010 - 08/31/2013

*2010 REU Supplement to: CPS: Small: Control of Distributed Cyber-Physical Systems under Partial Information and Limited Communication*

STEPHANE LAFORTUNE (COE EECS - ECE - Con)

\$16,000 06/22/2010 - 08/31/2012

*Collaborative Research: Representing internal-wave driven mixing in global ocean models*

BRIAN K ARBIC (LSA Geological Sciences)

\$362,201 06/15/2010 - 05/31/2013

*CPS:Medium:Learning to Sense Robustly and Act Effectively: REU Supplement Request*

BENJAMIN KUIPERS (COE EECS - CSE - AI)

\$16,000 06/23/2010 - 08/31/2012

*REU-supplement-CIF:Large:Sensing Sensors: Compressed Sampling with Co-Design of Hardware and Algorithms Across Multiple Layers in Wireless Sensor Networks*

MICHAEL FLYNN (COE EECS - ECE - SSEL)

\$20,000 06/14/2010 - 08/31/2014

*Research Proposal for REU*

GEORG A RAITHEL (LSA Physics)

\$5,000 06/24/2010 - 07/31/2011

*REU Supplement: GOALI: Dynamic response of rigid, foamed biocomposites*

ALAN ARGENTO (Dbn Coll of Eng-Mechanical Eng)

\$6,000 06/02/2010 - 04/30/2013



*REU supplement to GOALI: Transients of Production Systems: Theory and Applications for Real-Time Productivity Improvement*

SEMYON M MEERKOV (COE EECS - ECE - Con)

\$6,000 06/06/2010 - 05/31/2011

*GRANT TRANSFER: Holomorphic curves in symplectic manifolds and integrable systems*

TODOR ELISEEV MILANOV (LSA Mathematics)

\$17,220 09/01/2009 - 08/31/2010

*Dependable Systems and Networks Conference: Student Travel Support*

FARNAM JAHANIAN (COE EECS - CSE - SSRL)

\$12,500 06/01/2010 - 05/31/2011

*REU Supplement: Soft Shape Memory Polymer Hybrids for Large Strain Sensing*

NAKHIAH C GOULBOURNE (Aerospace Engineering)

\$6,000 06/24/2010 - 08/31/2013

#### **NephCure Foundation**

*The Role of MicroRNAs in Progression of FSGS*

MARKUS BITZER (Int Med-Nephrology)

\$196,021 09/01/2009 - 06/30/2011

#### **New York Academy of Medicine**

*Understanding the Association of Contaminated Corn Sources and the Incidence of Neural Tube Defects in Guatemala*

KARIN M MURASZKO (Neurosurgery)

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

#### **Nitto Denko Corporation**

*Fabrication of plasmonic particle arrays on composite film*

L JAY GUO (COE EECS - ECE - SSEL)

\$5,000 05/28/2010 - 12/31/2010

#### **Nuclear Regulatory Commission**

*Undergraduate Nuclear Engineering Scholarship Program at the University of Michigan*

WILLIAM R MARTIN (Nuclear Eng & Radiological Sci)

\$200,000 05/01/2010 - 04/30/2011

#### **Onyx Pharmaceuticals, Inc.**

*An Open-Label, Single-Arm, Phase 2 Study of Carfilzomib in Patients with Relapsed and Refractory Multiple Myeloma Protocol No. PX-171-003*

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$130,990 11/16/2007 - 11/15/2010

*An Open-label, Single-arm, Phase 2 Study of Carfilzomib in Patients with Relapsed and Multiple Myeloma No. PX-171-004*

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$26,242 11/16/2007 - 11/15/2010

#### **Pardee, Elsa U., Foundation**

*Functions of the sirtuin SIRT6 in neoplasia*

DAVID LOMBARD (Pathology Department)

\$126,324 07/01/2010 - 06/30/2011

**Plastic Surgery Educational Foundation**

*Ulnar Neuropathy at the Elbow: A Cost-Utility Analysis*

KEVIN CHI CHUNG (Plastic Surgery Section)

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

*Influence of PEDOT and Myoblasts on Neuroma Formation*

PAUL STEPHEN CEDERNA (Plastic Surgery Section)

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

*Acellular Nerve Conductive Polymer for Peripheral Nerve Interface*

PAUL STEPHEN CEDERNA (Plastic Surgery Section)

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

**Radiological Society of North America**

*Hyposmia, Septohippocampal Cholinergic Denervation and Amyloidopathy in Mild Cognitive Impairment*

MYRIA PETROU (Department of Radiology)

\$152,000 01/01/2010 - 12/31/2011

**San Diego State University Foundation**

*Personal Dead-Reckoning (PDR) System for Firefighters*

JOHANN BORENSTEIN (Mechanical Engineering)

LAURO V OJEDA (Mechanical Engineering)

\$3,130 02/01/2010 - 09/30/2010

**Science Applications International Corporation**

*Radar Phenomenology of Through Wall Imaging*

KAMAL SARABANDI (COE EECS - ECE - Rad)

\$180,000 02/01/2008 - 03/15/2011

**Six Rivers Regional Land Conservancy**

*Fixed Price Agreement: South Branch Flint River Social Monitoring Study*

JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)

\$20,000 06/01/2010 - 05/31/2012

**Sloan, Alfred P., Foundation**

*Sloan Foundation*

AARON EDWARD LEANHARDT (LSA Physics)

\$50,000 09/15/2010 - 09/15/2012

**Southwest Oncology Group-Clinical Trials Initiative, L.L.C.**

*S0307, "Phase III Trial of Bisphosphonates as Adjuvant Therapy for Primary Breast Cancer."*

LAURENCE H BAKER (Int Med-Hematology/Oncology)

\$17,857 06/01/2010 - 01/01/2015

**Space Telescope Science Institute**

*GHOSTS: Stellar Outskirts of Massive Spiral Galaxies*

ERIC F BELL (LSA Astronomy)

\$199,352 06/01/2010 - 05/31/2012

**Stranahan Foundation**

*Spinocerebellar Ataxia Type 6 (SCA6) Research Project*

HENRY L PAULSON (Neurology Department)

\$48,000 05/01/2010 - 04/30/2011

**Susan Thompson Buffett Foundation**

*Examining the biomarkers of infection in pelvic inflammatory disease (PID) in a baboon model.*

LISA H HARRIS (Obstetrics and Gynecology Dept)

\$30,000 05/01/2010 - 07/31/2010

**The Feinstein Institute for Medical Research**

*NOVEL THERAPIES FOR RESISTANT FSGS*

DEBBIE GIPSON (Pediatrics-Nephrology)

\$105,531 03/01/2010 - 02/28/2011

*Novel Therapies For Resistant FSGS Phase II Clinical Trial (FONT II - Site Recruitment March 2010)*

DEBBIE GIPSON (Pediatrics-Nephrology)

with PATRICK E GIPSON

\$35,000 03/01/2010 - 02/28/2011

**Therapeutics System Research Lab, Inc. (TSRL, Inc.)**

*Activity of second generation HPMPG and HPMPA prodrugs against HCMV. University of Michigan portion of a Phase I Small Business Innovation Research proposal by TSRL, Inc.*

JOHN C DRACH (DENT Bio & Materials Science)

\$19,946 06/01/2010 - 05/31/2011

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

*Observation of Textured and Randomly-oriented Piezoelectric Ceramics by In-situ TEM*

XIAOQING PAN (Materials Science & Engin.)

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

**Toyota Motor North America, Inc.**

*Diesel Engine Air Path Modeling for Coordinated Control*

ILYA VLADIMIR KOLMANOVSKY (Aerospace Engineering)

\$145,000 07/01/2010 - 06/30/2011

**United Association of Journeymen and Apprentices**

*Towards a New Approach to UA Instructor Preparation: The Michigan Framework*

JEROME JOHNSTON (RCGD-Communication/Education)

with DONALD FREEMAN

KATHLEEN P GRAVES

\$411,833 04/01/2010 - 12/31/2010

**University Hospitals of Cleveland**

*Pilot Study Skin Fluorescence and Type 1 Diabetes complications: A New Marker of Complications and Risks*

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

\$5,465 05/21/2010 - 04/30/2011

**University of California - Los Angeles**

*Diabetes and the Risk of LUTS Severity and Progression Over Time in Community Dwelling Black and White Men*

ARUNA V SARMA (Urology Surgery)

\$100,000 11/01/2009 - 10/30/2010

**University of Florida, The**

*Clinical Research Consortium for Spinocerebellar Ataxias*

HENRY L PAULSON (Neurology Department)

\$68,856 09/30/2009 - 08/31/2010

**University of Maryland, The**

*Alliance for Coastal Technologies Wave Sensor T&E Protocols*

GUY A MEADOWS (Naval Arch & Marine Dept)

with THOMAS H JOHNGEN

\$60,000 05/01/2010 - 04/30/2011

**University of Notre Dame, The**

*Nuclear Reaction and Structure Studies with Radioactive and Stable Beams*

FREDERICK D BECCHETTI JR (LSA Physics)

\$569,978 03/01/2010 - 05/31/2013

**University of Pennsylvania**

*Imaging Agents for Beta Cell Mass of Pancreas*

MICHAEL R KILBOURN (Radiology-Nuclear Medicine)

\$90,358 04/01/2010 - 03/31/2011

**University of Pittsburgh**

*AXII in Multiple Myeloma*

RUSSELL S TAICHMAN (DENT Periodontics and Oral Med)

\$49,438 03/01/2010 - 02/28/2011

**University of Washington**

*Human Genetic Variation in Fatty Acid Metabolism and Sudden Cardiac Arrest*

TRIVELLORE E RAGHUNATHAN (Biostatistics Department)

\$39,467 01/01/2010 - 12/31/2010

**Various Sponsors**

*Recharge: Wheelchair Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$23,800 03/01/2007 - 02/28/2012

**Virginia Polytechnic Institute and State University**

*PENGUIn AAL-PIP System Integration and Software Development*

AARON JAMES RIDLEY (Space Physics Research Lab)

\$174,572 07/01/2010 - 06/30/2012

**Voices Against Brain Cancer**

*Personalized Therapy for Glioblastoma based on Notch and Akt Inhibition*

XING FAN (Neurosurgery)

\$50,000 06/09/2010 - 06/08/2011

**Walther Cancer Institute Foundation**

*Behavioral Cooperative Oncology Group Fellowship Training Program*

LAUREL L NORTHOUSE (SON-Grants)

\$56,694 07/01/2010 - 06/30/2011

**Washington University**

*Amendment to the Subcontract Research Agreement*

DAVID C MUSCH (Ophthalmology & Visual Science)

\$10,000 11/01/2009 - 07/31/2010

**Wayne State University**

*The Relationship of Sleep Patern Disturbance, Depression, Cognitive Function, and Self-Care in Adults with Long-Term Left Ventricular Assist Devices (LVADs)*

FRANCIS D PAGANI (Cardiac Surgery Section)

\$8,707 09/01/2009 - 08/31/2010

**Wells Fargo Health Solutions**

*Wells Fargo Health Solutions, HRA only*

DEE W EDINGTON (Health Management Research Ctr)

\$6,300 06/01/2010 - 05/31/2013