

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

The awards detailed in this list were established July 1, 2010 through November 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 2010	Number of Awards FY 2011	% Change	Value of Awards FY 2010	Value of Awards FY 2011	% Change
Total Awards Processed (November)	182	171	(6.0)%	\$31,562,646	\$35,846,166	13.6%
Research Awards	136	111	(18.4)%	\$26,337,577	\$30,067,536	14.2%
Research Training	4	3	(25.0)%	\$685,490	\$1,111,918	62.2%
Other Sponsored Activity	42	57	35.7%	\$4,539,579	\$4,666,712	2.8%
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Total Awards Processed Fiscal Year to Date	1,528	1,397	(8.6)%	\$633,794,980	\$606,981,312	(4.2)%
Research Awards	1,218	1,016	(16.6)%	\$595,653,942	\$511,719,962	(14.1)%
Research Training	68	87	27.9%	\$12,443,506	\$40,356,822	224.3%
Other Sponsored Activity	242	294	21.5%	\$25,697,532	\$54,904,528	113.7%

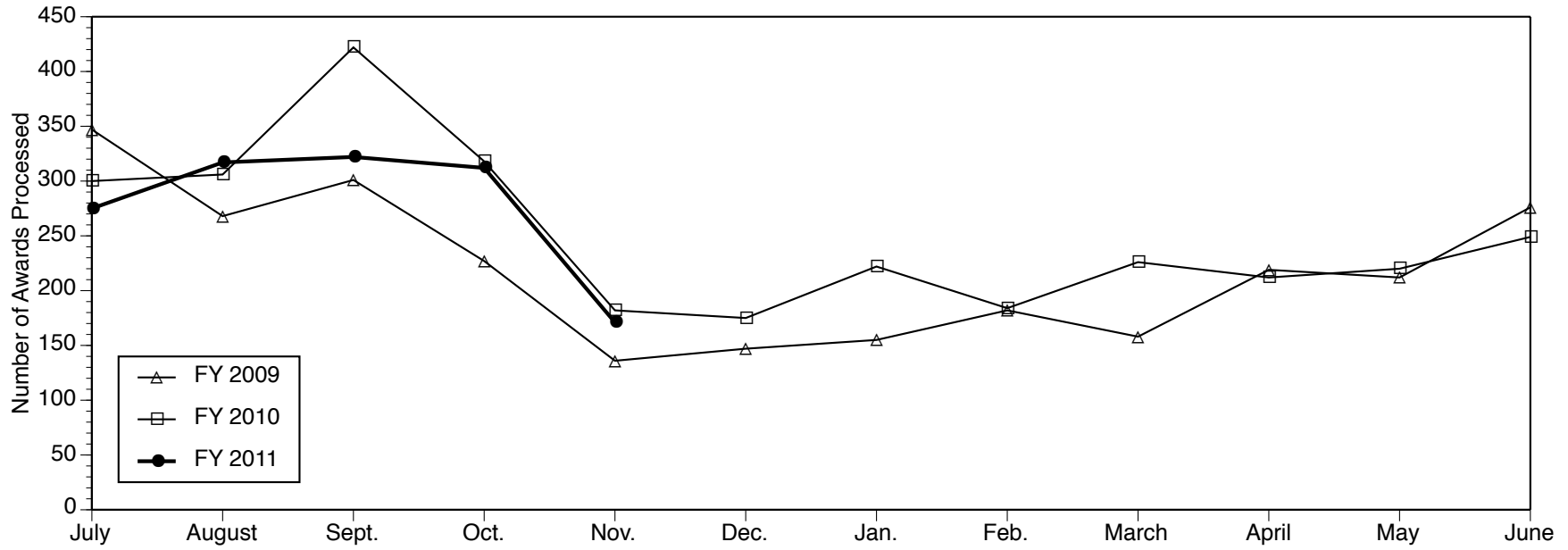
While the number of total awards processed in November 2010 declined slightly from those processed in the previous November the dollar value increased primarily because there were only four awards valued in excess of \$1.0 million in November 2009 compared with eight in November 2010. November is typically the lowest month in dollar value of awards processed and this November has continued this trend. As stated previously, the decline in year-to-date data is caused by the high number of ARRA funding processed last fiscal year.

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

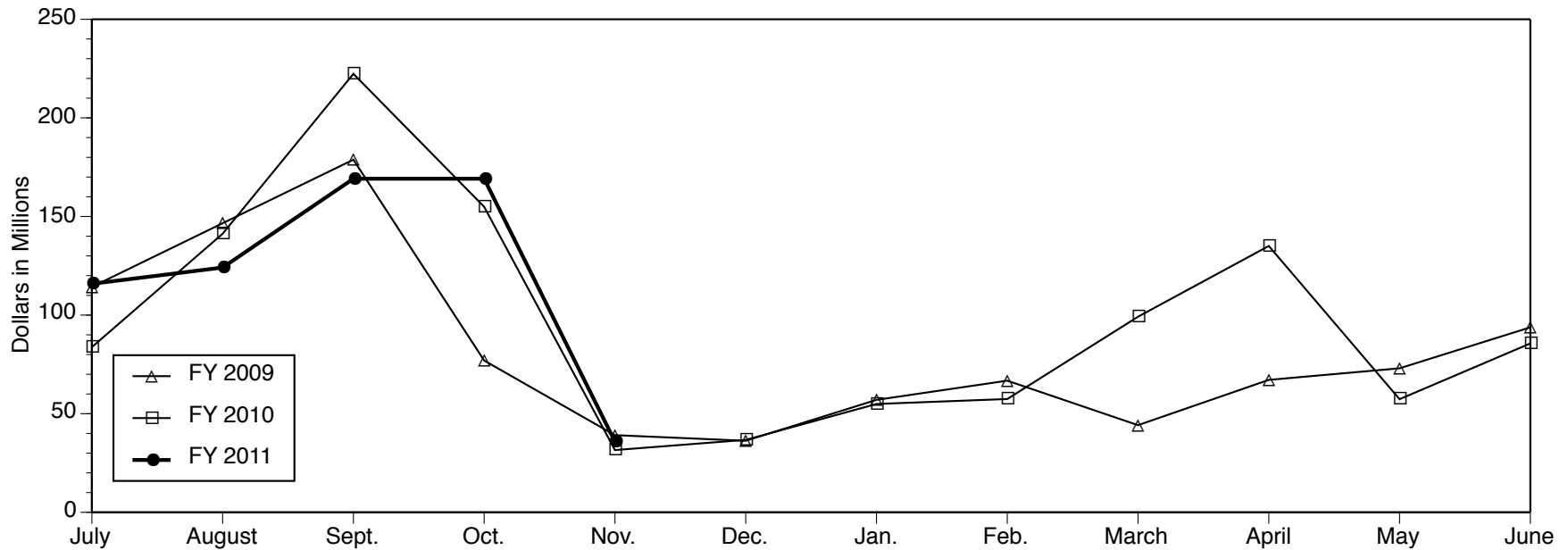
	Federal Expendable Restricted	Other Funds	Total Expenditures
October 2010	\$278,671,086	\$125,201,397	\$403,872,483
October 2009	\$246,568,128	\$122,170,547	\$368,738,675
Percent Change	13.0%	2.5%	9.5%

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

**November 01, 2010 through November 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.

## **A123 Systems**

### *Life Cycle Assessment*

PETER FRANK SWEATMAN (UMTRI-Administration / Library)

\$51,000 10/01/2009 - 09/30/2011

## **Abt Associates, Inc.**

### *Technical Assistance to ARRA Complex Patient Grantees*

GEORGE CHARLES ALTER (ICPSR-Archival Development)

\$21,510 09/27/2010 - 11/26/2010

## **Aerophysics, Inc.**

### *Plasma Plume Modeling*

IAIN D BOYD (Aerospace Engineering)

\$100,000 08/21/2010 - 02/01/2011

## **Affiliated Health and Wellness, LLC**

### *Affiliated Health and Wellness*

DEE W EDINGTON (Health Management Research Ctr)

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

## **Affiliated Physicans**

### *Affiliated Physicans, new HRA only*

DEE W EDINGTON (Health Management Research Ctr)

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

## **Agilent Technologies**

### *Agilent Micro Gas Chromatograph 4-Port Columns*

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

\$22,254 10/26/2010 - 02/26/2011

## **Alliance for Vision Research**

### *Biological Signals Controlling Extraocular Muscle Regeneration and Repair.*

ALON KAHANA (Ophthalmology & Visual Science)

\$8,000 08/01/2010 - 07/31/2011

**American Cancer Society**

*Role of commensals and innate immunity in colitis-associated colon cancer*

GRACE Y CHEN (Int Med-Hematology/Oncology)

with KATHRYN A EATON  
LILI ZHAO

\$720,000 01/01/2011 - 12/31/2014

*Menin as an oncogenic co-factor in MLL leukemias*

TOMASZ CIERPICKI (Pathology Department)

with JOLANTA E GREMBECKA

\$720,000 01/01/2011 - 12/31/2014

**American College of Allergy, Asthma & Immunology**

*Multi-center, Double-blind, Randomized Controlled Study of the Safety of Influenza Vaccine in Egg Allergic Children with a History of Anaphylaxis to Egg*

GEORGIANA MARIE SANDERS (Int Med-Allergy)

\$50,000 11/01/2010 - 10/31/2011

**American Society for Surgery of the Hand**

*Core Competencies for Hand Surgery Fellowship Training: A National Consensus Project*

KEVIN CHI CHUNG (Plastic Surgery Section)

\$10,000 11/01/2010 - 10/31/2012

**American Society of Civil Engineers (ASCE)**

*ASCE Journal Editorship*

SHERIF EL-TAWIL (Civil & Environmental Engr)

\$15,340 11/15/2010 - 11/14/2011

**American Thoracic Society (ATS)**

*The Regulation and Pattern of the DNA Methylome in Pulmonary Fibrosis*

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

\$100,000 09/01/2010 - 08/31/2012

**Amgen, Inc.**

*Examination of Sclerostin Antibody Effect in the Rat Periodontal Disease Model*

WILLIAM V GIANNOBILE (DENT Periodontics and Oral Med)

\$77,327 11/25/2009 - 11/24/2011

**Ariad Pharmaceuticals, Inc.**

*A Pivotal Phase 2 Trial of Ponatinib (AP24534) in Patients with Refractory Chronic Myeloid Leukemia and Ph+ Acute Lymphoblastic Leukemia*

MOSHE TALPAZ (Int Med-Hematology/Oncology)

\$765,183 11/05/2010 - 11/04/2014

**Array BioPharma**

*UMCC 2010.068 - A PHASE 1 STUDY OF ARRY-520 AND BORTEZOMIB PLUS DEXAMETHASONE IN PATIENTS WITH RELAPSED/REFRACTORY MULTIPLE MYELOMA*

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$426,810 11/05/2010 - 09/30/2013

**ARTIS Research and Risk Modeling Corporation**

*Case-Based Influence in Conflict Management*

ROBERT AXELROD (G. Ford Sc Pub Pol)

\$229,932 06/01/2010 - 05/31/2014

**ArvinMeritor, Inc.**

*Recharge: PIT Testing*

DAVID JAMES LEBLANC (UMTRI-Vehicle Sys and Control)

\$25,500 08/01/2010 - 11/30/2010

**Association of Subspecialty Professors**

*Integrating Geriatrics into the Specialties of Internal Medicine: Moving Forward from Awareness to Action-Incremental*

JEFFREY B HALTER (Int Med-Geriatric Medicine)

\$13,354 01/01/2010 - 06/30/2011

**AutoNation, Inc.**

*AutoNation*

DEE W EDINGTON (Health Management Research Ctr)

\$150,000 01/01/2011 - 12/31/2011

**Bard, C. R., Inc.**

*Effect of Body Position and Changes in Intraabdominal Pressure on Inferior Vena Cava Diameter: A Preliminary Descriptive Study*

WOJCIECH B CWIKIEL (Department of Radiology)

\$41,000 11/03/2010 - 11/02/2011

**Beth Israel Deaconess Medical Center**

*Removing Barriers to Disclosure-and-Offer Models*

DARRELL A CAMPBELL JR (Surgery Department)

\$13,905 08/01/2010 - 01/31/2011

**Booz Allen Hamilton, Inc.**

*Electronic Data Use Agreement, caBIG? DSIC Workspace Task Group Participant ? Alex Kanous*

ELAINE L BROCK (DRDA - Research Services)

\$20,000 06/15/2010 - 01/14/2011

**Breast Cancer Research Foundation, The**

*Financial Support for the North America Breast Cancer Group and Breast International Group*

DANIEL F HAYES (Int Med-Hematology/Oncology)

\$327,748 10/01/2010 - 09/30/2011

**Bristol-Myers Squibb Company**

*2010 HBV Education, Screening, and Vaccination Program in Michigan*

SHARON A REDMER (UMH Ofc/Multicultural Health)

\$5,000 01/01/2010 - 03/31/2011

**Broad, Eli and Edythe L., Foundation, The**

*A genome wide siRNA screen to identify regulators of NOD2 signaling*

GABRIEL NUNEZ (Pathology Department)

with NEIL ERNEST WARNER

\$140,000 01/01/2011 - 12/31/2011

**Brookings Institution**

*Demographic Research with Brookings Institution*

WILLIAM H FREY (Pop Studies-Research)

\$25,000 09/01/2010 - 08/31/2011

**Center for Healthcare Research & Transformation**

*Clinical Processes Related to Success in the Medicare Physician Group Practice (PGP) Demonstration*

CAROLINE S BLAUM (Int Med-Geriatric Medicine)

\$120,000 07/01/2010 - 06/30/2012

*System Changes, Outcomes, and Incentives Related to the Integration of Depression in Primary Care Settings: A Meta-Analysis and Site Evaluation*

KYLE LYNN GRAZIER (Health Management and Policy)

\$116,000 07/01/2010 - 12/31/2011

**Cephalon, Inc.**

*A randomized, double-blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of a 200-mcg dose of CEP-33457 in patients with systemic lupus erythematosus.*

PATRICIA CLAUDIA CAGNOLI (Int Med-Rheumatology)

with WILLIAM J MCCUNE

\$76,739 10/04/2010 - 08/31/2012

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

*Arrhythmia after the Fontan Operation: Comparison of the Intracardiac Lateral Tunnel and the Extracardiac Conduit Procedures*

DAVID J BRADLEY (Pediatrics-Cardiology)

\$2,000 06/15/2009 - 08/01/2010

**Chrysler LLC**

*Human Factors Evaluation of a Lane Departure Warning System and Lane Departure Protection System*

PAUL A GREEN (UMTRI-Human Factors)

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

**Cincinnati Children's Hospital Medical Center**

*Normal and Neoplastic Stem Cell Niches in the Hematopoietic System Continuation*

VALERIE P CASTLE (Pediatrics-Hematology/Oncology)

\$95,623 09/01/2010 - 06/30/2011

**Cleveland Clinic Foundation**

*A Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase 3b Study to Evaluate Cardiovascular Outcomes Following Treatment with an Antidiabetic Agent, in Addition to Standard of Care, in SUbjects with Type 2 Diabetes*

RODICA POP-BUSUI (Metabolism, Endo & Diabetes)

with CLAIRE SIBYLLE DUVERNOY

\$137,400 11/16/2010 - 10/22/2013

**Columbia University**

*Maintenance and Operation of the WBS 3.5.1 Muon System (bridge funding 10/1/10-12/31/10)*

BING ZHOU (LSA Physics)

\$41,154 02/01/2010 - 12/31/2010

**Cook Incorporated**

*ZENITH? TX2? LOW PROFILE TAA ENDOVASCULAR GRAFT*

HIMANSHU J PATEL (Cardiac Surgery Section)

with DAVID M WILLIAMS

\$69,610 09/28/2010 - 07/13/2016

**Corcept Therapeutics, Inc.**

*Compassionate Use Protocol for the Administration of CORLUX? (mifepristone) in the Treatment of the Signs and Symptoms of Endogenous Cushing?s Syndrome.*

DAVID E SCHTEINGART (Metabolism, Endo & Diabetes)

with GARY D HAMMER

\$780,969 10/26/2010 - 10/25/2014

**Cryolife, Inc.**

*CryoValve? SG Aortic Human Heart Valve Combination Retrospective/Prospective, Multi-Center, Cohort Study*

JENNIFER C HIRSCH (Cardiac Surgery Section)

\$5,950 08/24/2010 - 08/23/2011

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

*Hybrid Techniques for Quantum Circuit Simulation*

IGOR L MARKOV (COE EECS - CSE - ACAL)

with JOHN PATRICK HAYES

\$190,000 11/01/2010 - 09/30/2013

*Team Michigan-MAGIC 2010*

EDWIN OLSON (COE EECS - CSE - AI)

\$50,000 09/01/2009 - 01/11/2011

**Dentsply International, Inc.**

*Remineralization Potential of high Fluoride Concentration Dentifrices*

MARGHERITA R FONTANA (DENTCariology,Restor Sci &Endo)

\$41,460 09/01/2010 - 12/31/2010

**Dow AgroSciences**

*Zinc-Finger-Mediated Gene Targeting in Plant Cells*

TZVI TZFIRA (LSA Molec./Cell./Develop. Bio)

\$83,000 04/01/2008 - 09/01/2011

**Dow, Herbert H. and Grace A., Foundation Fellows, The**

*Michigan Initiative for Innovation and Entrepreneurship*

MARVIN G PARNES (Office of VP for Research)

\$1,000,000 01/01/2011 - 06/30/2013



**Education, Department of**

*Lifelong Learning Curriculum Transformation Project*

MELISSA R PEET (DENT Periodontics and Oral Med)

with BRIAN P COPPOLA

LYNNEA ANN JOHNSON

\$650,000 01/01/2011 - 12/31/2013

**Environmental Protection Agency**

*Lake Huron invaders and food webs: a case study*

SARA ADLERSTEIN-GONZALEZ (Sch of Nat Resources & Environ)

with RAYMOND K DE YOUNG

THOMAS E PRINCEN

\$214,319 09/01/2010 - 08/31/2012

**Exelixis**

*Use of XL228 in Pre-Clinical Models of Prostate Cancer*

EVAN T KELLER (Urology Surgery)

\$291,966 10/29/2010 - 10/31/2011

**EyeLab Group, LLC**

*Miniaturized Electrochemical Glucose Biosensor for Potential Measurements in Tear Fluid*

MARK E MEYERHOFF (LSA Chemistry)

\$36,073 01/01/2011 - 01/31/2011

**Florida Medical Quality Assurance, Inc**

*CrownWeb Measures Calculation*

JOHN D KALBFLEISCH (Biostatistics Department)

\$184,406 10/01/2010 - 06/30/2011

**Ford Motor Company**

*"Ford URP with Ford Advance Program Tracking"*

MARK STEPHEN DASKIN (Industrial Operations)

\$40,000 09/01/2010 - 08/31/2011

*Strain effects on precipitation characteristics of 6xxx series aluminum*

JOHN EDMOND ALLISON (Materials Science & Engin.)

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

*Implementation of Ford Megacity Mobility - Year 5*

PETER FRANK SWEATMAN (UMTRI - SMART Program)

\$185,000 08/01/2010 - 07/31/2011

**Foundation for Digestive Health and Nutrition (FDHN)**

*Significance of Bone Morphogenic Signaling in Gastric Epithelial Homeostasis*

ANDREA TODISCO (Int Med-Gastroenterology)

\$100,000 01/01/2011 - 12/31/2012

**Genentech, Inc.**

*An Open-Label, Multicenter Extension Study Of GDC-0449 (Hedgehog Pathway Inhibitor) In Patients Treated With GDC-0449 In A Previous Genentech-Sponsored Phase I Or Phase II Cancer Study*

MARK M ZALUPSKI (Int Med-Hematology/Oncology)

\$20,229 11/15/2010 - 05/04/2012

**General Motors Company**

*Market Segment Analysis 2005-2009*

CAROL ANN FLANNAGAN (UMTRI-Data Center)

with CHARLES P COMPTON

\$189,984 10/01/2010 - 10/31/2011

*Thrust Area 1 GM/UM Smart Materials CRL GRANT Supplement 2011*

DIANN ERBSCHLOE BREI (Mechanical Engineering)

\$50,000 05/01/2006 - 05/01/2011

**General Motors Corporation**

*Crash-Data Mining and OnStar Data Analysis for Estimating Effectiveness of Crash-Avoidance Countermeasures*

CAROL ANN FLANNAGAN (UMTRI-Data Center)

with DAVID JAMES LEBLANC

JAMES R SAYER

JOHN M SULLIVAN

\$212,034 10/01/2010 - 10/31/2011

**GlaxoSmithKline (GSK)**

*A randomized, open label study comparing safety and efficacy parameters for a high and a low dose of ambrisentan (adjusted for body weight) for the treatment of pulmonary arterial hypertension in paediatric patients aged 8 years up to 18 years. AMB112529*

ROBERT J GAJARSKI (Pediatrics-Cardiology)

\$59,773 09/20/2010 - 12/12/2012

**Google, Inc.**

*View-invariant Object Recognition and Augmentation for Mobile Applications*

SILVIO SAVARESE (COE EECS - ECE - Con)

\$60,000 09/01/2010 - 08/31/2011

**Harris Corporation**

*Scalable UWB Transceiver for Energy-Constrained WBAN Nodes*

DAVID D WENTZLOFF (COE EECS - ECE - SSEL)

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

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

*Prioritizing Care of Complex Elders Using Survival and Functional Status Outcomes*

LILLIAN MIN (Int Med-Geriatric Medicine)

\$85,491 07/01/2010 - 08/31/2011

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

*The role of CD40+ fibrocytes in thyroid associated ophthalmopathy*

RAYMOND DOUGLAS (Ophthalmology & Visual Science)

with DAVID C MUSCH

\$1,934,054 12/01/2010 - 11/30/2015

*Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity*

GABRIEL NUNEZ (Pathology Department)

with LUIGI FRANCHI

RAUL MUNOZ-PLANILLO

\$1,849,500 12/01/2010 - 11/30/2015

*Regulation of Retinal Cell Death in Diabetes*

STEVEN ABCOUWER (Ophthalmology & Visual Science)

THOMAS GARDNER (Ophthalmology & Visual Science)

\$1,743,030 11/01/2010 - 04/30/2014

*Training in Clinical and Basic Neuroscience*

EVA L FELDMAN (Neurology Department)

\$56,866 07/01/2010 - 06/30/2012

*Training in Clinical and Basic Neuroscience*

EVA L FELDMAN (Neurology Department)

\$55,052 07/01/2010 - 06/30/2012

*Role of Serotonin in Auditory Cortex Regulation Following Early-Onset Sensorineural Hearing Loss*

SUSAN E SHORE (Kresge Hearing Research Inst)

\$77,321 06/24/2010 - 08/31/2011

*A Novel Tool to Understand Insulin Production and Failure in Pancreatic Beta-cells*

ISRAEL HODISH (Metabolism, Endo & Diabetes)

\$2,318 07/01/2010 - 06/30/2011

**HealthStrings, LLC**

*HealthStrings*

DEE W EDINGTON (Health Management Research Ctr)

\$50,000 08/13/2007 - 08/31/2013

**Hemophilia Foundation of Michigan**

*2010-2011 Centers for Disease Control and Prevention (CDC) Grant Award*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$32,000 09/30/2010 - 09/29/2011

**Hutchinson, Fred, Cancer Research Center**

*Modeling for prostate cancer control: prevention, screening, primary treatment, and follow-up care*

ALEXANDER TSODIKOV (Biostatistics Department)

with KENNETH J PIENTA

\$265,375 09/09/2010 - 08/31/2011

**Indiana University**

*Recharge Germ Free- External Federal Sponsor- IU*

KATHRYN A EATON (Lab Animal Medicine Unit)

\$6,500 02/01/2010 - 01/28/2011

**Infinity Pharmaceuticals, Inc**

*2009.092: A Phase 2, Open-Label Study Evaluating the Efficacy and Safety of IPI-504 in Patients with Advanced Dedifferentiated Liposarcoma*

RASHMI CHUGH (Int Med-Hematology/Oncology)

\$5,800 10/11/2010 - 10/11/2011

**Intel Corporation**

*Curriculum Development: Addressing Multi-Core Platforms Issues*

MARK W B BREHOB (COE EECS - CSE - RTCL)

\$25,000 04/01/2010 - 03/31/2050

*Active Testing Based on Interleaving Idioms for Parallel Programs*

SATISH NARAYANASAMY (COE EECS - CSE - ACAL)

\$70,000 10/01/2010 - 12/31/2018

*Multi-camera, omni-directional vision for robotics*

EDWIN OLSON (COE EECS - CSE - AI)

\$23,000 11/16/2010 - 12/31/2050

**Interior, Department of the**

*IPA for Dr. Sung Pil Hyun*

SUNG PIL HYUN (Civil & Environmental Engr)

\$19,559 10/16/2010 - 10/15/2011

**International Growth Centre**

*How to Tax Family Firms*

JOEL B SLEMROD (ROSS SCH Ofc Tax Policy Rsrch)

\$72,174 08/21/2009 - 06/30/2011

**IUPUI (Indiana University Purdue University Indianapolis)**

*Panel Study of Income Dynamics - 2011 Philanthropy Module (CNCS)*

ROBERT F SCHOENI (SRC-Psid)

with KATHERINE A MCGONAGLE

\$93,500 09/15/2010 - 08/31/2011

**Jet Propulsion Laboratory**

*Modeling Activities in Support of ASCENDS Satellite Design*

ANNA MARTA MICHALAK (Civil & Environmental Engr)

\$152,988 11/08/2010 - 08/31/2011

**Johnson, Robert Wood, Foundation**

*Development and Pilot Testing of a Nurse-Lead Communication Intervention Regarding Hereditary Breast/Ovarian Cancer amount High-Risk Family Members*

MARIA C KATAPODI (School of Nursing)

\$350,000 09/01/2010 - 08/31/2013

*Transformation of Government Health Care: Experience of the VHA*

SHOOU-YIH DANIEL LEE (Health Management and Policy)

\$117,518 11/01/2010 - 05/31/2012

**Kellogg USA, Inc.**

*Kellogg USA, Inc.*

DEE W EDINGTON (Health Management Research Ctr)

\$35,000 11/01/2003 - 12/31/2010

**Kimberly-Clark Corporation**

*Feasibility Study for Planning and Development for Anatomical Models*

JAMES A ASHTON-MILLER (Mechanical Engineering)

\$2,000 03/01/2010 - 05/31/2010

*Design and Build - Phase 2a and b*

JAMES A ASHTON-MILLER (Mechanical Engineering)

with JOHN O DELANCEY

\$186,720 09/01/2010 - 04/30/2011

**Korea, Republic of**

*Highly Selective and Self-signaling Colorimetric and Amperometric Bio/Synthetic Hybrid Biosensors and Sensor Arrays*

JINSANG KIM (Materials Science & Engin.)

\$238,520 11/01/2010 - 11/01/2013

**Lilly, Eli, and Company**

*Observational Study Description H7T-US-B007 The TRANSLATE-ACS Study: Treatment with ADP receptor iNhibitorS: Longitudinal Assessment of Treatment Patterns and Events after Acute Coronary Syndrom*

PAUL MICHAEL GROSSMAN (Int Med-Cardiology)

\$24,500 10/19/2010 - 10/31/2013

**Macomb-Oakland Regional Center, Inc. (MORC)**

*Silver Club Transportation Services, MORC FY 11*

DARLENE KNAPP RACZ (UMH Silver Club Programs)

\$12,000 10/01/2010 - 09/30/2011

**McKing Consulting Corporation**

*Center for Public Health and Community Genomics*

TOBY CITRIN (Health Management and Policy)

\$60,000 09/30/2010 - 09/29/2011

**Mellon, Andrew W., Foundation**

*William Paulson - Mellon Dissertation Seminar*

WILLIAM R PAULSON (LSA Romance Languages & Lit.)

\$193,000 10/01/2010 - 09/30/2012

**Michigan Public Health Institute**

*Ambulatory Safety and Quality Program: Improving Quality through Clinician Use of Health IT--A Partnership for Clinician EHR Use and Quality of Care*

KAI ZHENG (Health Management and Policy)

\$6,500 09/01/2010 - 04/30/2011

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

*Building Special Education Teacher Content and Pedagogical Knowledge to be Highly Qualified and to Obtain Success for All in Algebra 2*

ROGER F VERHEY (Dbn CASL-Math & Statistics)

with KIM KILLU

\$200,000 03/01/2010 - 09/30/2011

*Great Start Readiness Program Competitive Grant*

MARY JO FINNEY (Flint ECDC)

\$108,800 10/01/2010 - 09/30/2011

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

*Reducing Worker Risk of Overexertion Injuries and Illnesses Using Engineering and Management Models*

THOMAS J ARMSTRONG (Center for Ergonomics)

with RANDALL A RABOURN

SHERYL S ULIN

\$70,000 11/04/2010 - 09/30/2011

*Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP)*

JOHN H MATLOCK (OAMI Gear Up)

with LUMAS JOSEPH HELAIRE

\$138,920 07/21/2010 - 07/20/2011

*GEARUP/College Day Program at UM-Dearborn Year 5*

MICHAEL T THOMAS (Dbn Acad Support Outreach Serv)

\$24,840 07/21/2010 - 07/20/2011

*Michigan Pursuing Our Dreams (M-POD) 2010-2011*

JOHN H MATLOCK (OAMI M-Pod)

\$126,000 10/01/2010 - 09/30/2011

*Transitions Program Year 5 (2010-2011)*

TENDAJI W GANGES (Flint Educational Opportunity)

\$124,349 10/01/2010 - 09/30/2011

*Bridges to Success Year 5 (2010 - 2011)*

TENDAJI W GANGES (Flint Educational Opportunity)

\$145,000 10/01/2010 - 09/30/2011

*Leaders and Best (LAB) Program*

JOHN H MATLOCK (OAMI LAB)

\$125,500 10/01/2010 - 09/30/2011

*GEAR UP/College Day Year 5*

TENDAJI W GANGES (Flint Educational Opportunity)

\$22,080 07/21/2010 - 07/20/2011

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

*MCOLES-LED Fall 2010 Disbursement*

CHALMERS F SANDERS (Flint Safety)

\$1,102 01/01/2010 - 12/31/2012

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

*BRIDGES AND STRUCTURES RESEARCH CENTER OF EXCELLENCE - Yr 6*

SHERIF EL-TAWIL (Civil & Environmental Engr)

\$32,999 10/01/2010 - 09/30/2011

*Center for Excellence for Concrete Pavement Performance - FY2011*

WILL HANSEN (Civil & Environmental Engr)

\$29,999 10/01/2010 - 09/30/2011

**Missouri, State of**

*Project IDEAL State Membership MO Yr.9*

JEROME JOHNSTON (RCGD-Communication/Education)

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

**Moore, Gordon and Betty, Foundation**

*Unveiling the microbiology that underpins deep-sea biogeochemistry*

GREGORY JAMES DICK (LSA Geological Sciences)

with PATRICK D SCHLOSS

\$1,718,987 10/19/2010 - 10/18/2013

**National Aeronautics and Space Administration**

*Airborne Microwave Observatory of Subcanopy and Subsurface (AirMOSS)*

MAHTA MOGHADDAM (COE EECS - ECE - Rad)

\$4,762,811 11/19/2010 - 11/18/2015

*The Lunar Exosphere and its Interaction with the Solar Wind and Earth's Magnetosphere*

VALERIY M TENISHEV (Atm, Oceanic & Space Sci.)

with KENNETH CALVIN HANSEN

MICHAEL R COMBI

\$284,923 12/01/2010 - 11/30/2013

**National Kidney Foundation of Michigan**

*Program to Eliminate Diabetes-Related Disparities in Vulnerable Populations*

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)

with LAURIE L LACHANCE

\$104,731 09/01/2010 - 08/31/2011

**National Science Foundation**

*Nonlinear PDE's and Applications to Fluid Dynamics, General Relativity and Geometry*

JOEL A SMOLLER (LSA Mathematics)

\$55,000 03/01/2011 - 02/29/2012

*SUPPLEMENTAL FUNDING REQUEST: Mathematical Questions Resulting from the Coupling of Gravity to Other Fields*

JOEL A SMOLLER (LSA Mathematics)

\$27,810 11/17/2010 - 08/31/2011

*Detangling flow regimes and paleoclimate in the deepest section of the EDML ice core using U-series ages*

SARAH M ACIEGO (LSA Geological Sciences)

\$217,858 01/01/2011 - 06/30/2012

*Dimensions: Collaborative Research: Can evolutionary history predict how changes in biodiversity impact the productivity of ecosystems?*

BRADLEY CARDINALE (Sch of Nat Resources & Environ)

\$690,485 10/01/2010 - 09/30/2015

*An Investigation Into the Stochastic Physics of Iceberg Calving and the Development of Universal Calving Laws*

JEREMY N BASSIS (Atm, Oceanic & Space Sci.)

\$199,269 01/01/2011 - 12/31/2012

*Graduate Research Fellowship Program*

JANET A WEISS (Grad Schl-Fellowship Prgm)

\$1,000,000 11/03/2010 - 01/31/2012

**Nissan Technical Center, North America**

*Sustainable Worldwide Transportation*

MICHAEL SIVAK (UMTRI-Human Factors)

\$60,000 04/01/2010 - 03/31/2011

*Human Factors Research - CAB (Crash Avoidance Brake)*

PAUL A GREEN (UMTRI-Driver Interface)

\$47,999 04/01/2010 - 03/31/2011

**Northwestern University**

*Coupling Between Pore Water Fluxes, Structural Heterogeneity, and Biogeochemical Processes Controls Contaminant Mobility, Bioavailability, and Toxicity in Sediments*

ALLEN BURTON (SNRE CILER)

\$54,367 05/05/2010 - 05/04/2011

**Novartis Institutes for BioMedical Research, Inc.**

*Identification and Validation of Prognostic Disease Progression Biomarkers and Therapeutic Targets in Idiopathic Pulmonary Fibrosis*

*Differentiation of Slowly (or Stable) and Rapidly Progressing Disease*

CORY M HOGABOAM (Pathology Department)

\$1,499,999 10/26/2010 - 10/25/2013

**OncoMed Pharmaceuticals, Inc.**

*Cancer Stem Cell Invasion Programs*

STEPHEN J WEISS (Life Sciences Institute)

\$50,000 07/01/2009 - 12/31/2010



**Ovarian Cancer Research Fund, Inc., The (OCRF)**

*Molecular and Biological Elements of Ovarian Cancer Chemoresistance*

WEIPING ZOU (Surgery Department)

with J REBECCA LIU  
KATHLEEN R CHO

\$900,000 01/01/2011 - 12/31/2013

**Pennsylvania State University**

*SMART Methodology for Constructing Adaptive Intervention*

SUSAN A MURPHY (SRC-Quantitative Methods)

with DANIEL ALMIRALL

\$504,231 09/01/2010 - 08/31/2011

*Novel Structural Health Monitoring Schemes for Glass-Fiber Composites using Nanofillers*

KON-WELL WANG (Mechanical Engineering)

\$34,170 10/01/2010 - 06/30/2011

**Pfizer, Inc.**

*Modulation of cholinergic and glutamatergic transients by a potent and specific KATII inhibitor*

MARTIN FRIEDRICH SARTER (LSA Psychology)

\$116,029 10/18/2010 - 01/17/2012

**Portland State University**

*Phoslactomyins: Biosynthesis & Activity*

JANET L SMITH (Life Sciences Institute-Admin)

\$94,368 09/01/2010 - 08/31/2011

**Renal Research Institute, LLC**

*Prospective evaluation of exercise effect on vascular refilling and achievement of dry weight*

MICHAEL HEUNG (Int Med-Nephrology)

\$51,800 10/14/2010 - 10/13/2011

**Renova Life, Inc.**

*Derivation of Germline Competent Rabbit Embryonic Stem Cell Lines*

YUQING EUGENE CHEN (Int Med-Cardiology)

with JIFENG ZHANG

\$163,865 07/15/2010 - 02/28/2011

**Reynolds, Christopher, Foundation, The**

*Christopher Reynolds Foundation - Cuba Project (FY11)*

FRANK W THOMPSON (LSA Economics)

\$8,000 11/01/2010 - 10/31/2011

**Salix Pharmaceuticals, Inc**

*A Phase II, Randomized, Placebo-controlled, Double-blind Multicenter 12 Week Study to Assess the Efficacy and Safety of Mesalamine Granules 750 mg and 1,500 mg Capsules Administered Once Daily in the Treatment of Irritable Bowel Syndrome with Diarrhea*

RICHARD J SAAD (Int Med-Gastroenterology)

\$50,369 10/15/2010 - 12/31/2011

**Sarcoma Alliance for Research Through Collaboration (SARC)**

*SARC Alliance for Research Through Collaboration Medical Advisor*

RASHMI CHUGH (Int Med-Hematology/Oncology)

\$233,982 04/01/2009 - 12/31/2012

**Space Telescope Science Institute**

*Supermassive Star Clusters in Supergiant Galaxies: Tracing the Enrichment of the Earliest Stellar Systems*

OLEG Y GNEDIN (LSA Astronomy)

\$110,950 11/01/2010 - 10/31/2011

*Modeling UV Luminosity of High Redshift Galaxies*

OLEG Y GNEDIN (LSA Astronomy)

\$34,200 11/01/2010 - 10/31/2013

**Stanley Medical Research Institute, The**

*Novel therapeutics for Toxoplasma infections*

VERNON BRUCE CARRUTHERS (Microbiology and Immunology)

\$30,069 08/01/2008 - 07/31/2011

**Teva Neuroscience**

*Neuroimmunology Lecture Series*

BENJAMIN M SEGAL (Neurology Department)

\$22,500 08/19/2010 - 06/30/2011

**The Jack Kent Cooke Foundation**

*Sustaining Access and Success for Low-to Moderate-Income Community College Transfers to the University of Michigan*

LESTER P MONTS (Ofc Provost & Exec VP Acad Aff)

with DILIP A DAS

\$100,000 09/01/2010 - 05/31/2011

**Turku University**

*Direct biological conversion of solar energy to volatile hydrocarbon fuels by engineered cyanobacteria*

E NEIL G MARSH (LSA Chemistry)

\$195,472 10/01/2010 - 12/31/2014

**University of California - Los Angeles**

*Measurement, analysis and control of waves and Ion distribution function in a industrial plasma processing tool*

MARK KUSHNER (COE EECS - ECE - Rad)

\$167,625 09/01/2010 - 08/31/2013

**University of Florida, The**

*Medicalizing Patient Safety*

KATHLEEN M SUTCLIFFE (Ross School of Business)

\$75,411 09/01/2010 - 08/31/2011

**University of Maryland, The**

*START, Consortium for the Study of Terrorism and Response to Terrorism*

ROGER TOURANGEAU (SRC-Survey Methodology Prog)

\$40,000 10/01/2010 - 09/30/2011

**University of Miami, Florida, The**

*Characterizing Novel Genes Involved in Estrogen Stimulated Growth in Breast Cancer -Year 4*

JAMES M RAE (Int Med-Hematology/Oncology)

with DAFYDD G THOMAS

\$35,004 10/01/2010 - 09/30/2011

**University of Minnesota**

*IMA Subcontract for Selim Esedoglu*

SELIM ESEDOGLU (LSA Mathematics)

\$25,000 01/01/2011 - 06/30/2011

**University of Texas at Austin**

*A Micro discharge-Based Pressure Sensor for Extreme Environments*

YOGESH B GIANCHANDANI (COE EECS - ECE - SSEL)

with MARK KUSHNER

\$320,000 05/01/2010 - 12/31/2011

**University of Texas Medical Branch at Galveston (UTMB)**

*Novel Systems for Rapidly Identifying Toxic Chemicals During Emergencies*

KAI ZHENG (Health Management and Policy)

with CLAYTON D SCOTT

RUDY J RICHARDSON

\$74,446 09/01/2010 - 08/31/2011

**University of Utah**

*Sepsis*

THOMAS PATRICK SHANLEY (Pediatrics-Intensive Care)

\$123,600 01/01/2010 - 11/30/2010

**University of Wisconsin**

*ARRA Devel of a Total Energy, Environment, and Asset Mgmt (TE2AM) Curriculum - Univ of Wisconsin Subaward #255K415*

EDWARD GEORGE BORBELY (CoE Ctr for Professional Devel)

\$25,000 07/12/2010 - 07/11/2011

**UT-Battelle, LLC**

*Fission Product Transport in Triso Particle Layers under Operatins and off-normal conditions*

ANTON VAN DER VEN (Materials Science & Engin.)

with GARY S WAS

LUMIN WANG

\$996,581 09/22/2010 - 09/30/2013

**Various Sponsors**

*2010-11 Grantee Support MI AmeriCorps*

WILLIAM W SCHULTZ (Community Service Learning)

\$15,035 09/01/2010 - 08/31/2011

*Recharge: Wheelchair Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$10,713 03/01/2007 - 02/28/2012

*Recharge: Child Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$9,300 03/01/2007 - 02/28/2012

*WIMS Center Members - Cochlear 9/10 - 8/11*

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

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

**Veterans Affairs, Department of**

*IPA Kristopher Smith*

(Radiation Oncology - Ann Arbor)

\$50,486 12/01/2008 - 11/30/2010

*IPA Claire Stano*

HELEN C KALES (Psychiatry Department)

\$49,467 10/01/2010 - 09/30/2011

*IPA Joyce Spiegel*

FREDERIC C BLOW (Psychiatry Department)

\$46,292 10/01/2010 - 09/30/2011

*IPA Zongshan Lai*

AMY MACLAY KILBOURNE (Psychiatry Department)

\$12,555 10/01/2010 - 12/31/2010

*IPA Robin Konkle Mays*

FREDERIC C BLOW (Psychiatry Department)

\$59,524 10/01/2010 - 09/30/2011

*IPA Milisa Manojlovich*

MILISA M MANOJLOVICH (SON-Grants)

\$25,793 10/01/2010 - 09/30/2011

*IPA Sylvia Lang*

BRANT E FRIES (Institute of Gerontology)

\$2,052 10/01/2010 - 11/30/2010

*Improving Exercise Tolerance and HRQL in Veterans with COPD*

CAROLINE R RICHARDSON (Family Medicine)

\$64,000 11/10/2010 - 11/09/2015

*IPA Linda Mobley*

FREDERIC C BLOW (Psychiatry Department)

\$36,908 10/01/2010 - 09/30/2011

*IPA Erin Miller*

KARA ZIVIN (Psychiatry Department)

\$60,787 10/01/2010 - 09/30/2011

*IPA with Ann Arbor VA - Martijn Muller*

MARTIJN LTM MULLER (Department of Radiology)

\$29,664 10/01/2010 - 09/30/2011

*IPA with Ann Arbor VA - Christine Miner Minderovic*

NICOLAAS BOHNEN (Department of Radiology)

\$21,972 10/01/2010 - 09/30/2011

*IPA with Ann Arbor VA - Jamie Ann Miller*

NICOLAAS BOHNEN (Department of Radiology)

\$35,382 10/01/2010 - 09/30/2011

*Lyden - IPA Agreement*

SUSAN LYNN MURPHY (Physical Medicine & Rehab Dept)

\$73,119 10/01/2010 - 09/30/2011

**V Foundation for Cancer Research, The**

*The significance of Tlx1/Hox11 in T-cell acute lymphoblastic leukemia/lymphoma*

MARK CHIANG (Int Med-Hematology/Oncology)

\$200,000 10/01/2010 - 09/30/2012

**Virginia Polytechnic Institute and State University**

*Evaluation of Impact of Spectral Power Distribution on Driver Performance and Pedestrian Detection*

MICHAEL J FLANNAGAN (UMTRI-Human Factors)

with JOHN M SULLIVAN

\$176,878 09/24/2010 - 09/23/2014

*Cell Phone Filter/Blocker Technology Field Test*

JAMES R SAYER (Transportation Research Inst.)

with DAVID JAMES LEBLANC

\$367,511 09/23/2010 - 09/22/2011

**Washington University**

*Kymes Module 2: Value Estimation Project in Glaucoma (Phase II)*

DAVID C MUSCH (Ophthalmology & Visual Science)

\$20,000 07/01/2010 - 11/30/2010

**Wayne State University**

*Emotional Exposure and Cognitive Behavioral Therapies for Fibromyalgia*

DAVID A WILLIAMS (Anesthesiology Department)

with DANIEL J CLAUW

JAMIE MYLES

STEVEN EDWARD HARTE

\$322,239 08/15/2010 - 06/30/2011

**Xoran Technologies**

*Monitoring of Neurosurgical patients in the ICU using bedside CT*

TERESA L JACOBS (Neurosurgery)

with DOUGLAS J QUINT

\$15,075 10/01/2010 - 10/01/2011

**Yale University**

*Lost-of-function Variants in the 1,000 Genomes Data Set and Implications to GWAS*

GONCALO ABECASIS (Biostatistics Department)

with MICHAEL LEE BOEHNKE

\$72,103 09/13/2010 - 06/30/2011

**Ziopharm Oncology, Inc.**

*2010.069: A Phase III, Multicenter, International, Randomized, Double-blind, Placebo-controlled Study of Doxorubicin Plus Palifosfamide-Tris Versus Doxorubicin Plus Placebo in Patients with Front-line Metastatic Soft Tissue Sarcoma*

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$370,973 10/27/2010 - 10/26/2017