

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
July 1, 2010 through June 30, 2011

Received by the  
Regents July 21, 2011

The awards detailed in this list were established July 1, 2010 through June 30, 2011. 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 (June)	249	218	-12.4%	\$ 85,632,525	\$ 42,739,914	-50.1%
Research Awards	181	164	-9.4%	\$ 71,092,343	\$ 39,577,582	-44.3%
Research Training	26	10	-61.5%	\$ 7,484,101	\$ 592,758	-92.1%
Other Sponsored Activity	42	44	4.8%	\$ 7,056,079	\$ 2,569,574	-63.6%
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Total Awards Processed Fiscal Year to Date	2,594	2,633	1.5%	\$ 954,943,472	\$ 1,102,778,257	-13.4%
Research Awards	2,008	1,885	-6.1%	\$ 820,296,015	\$ 1,003,503,013	-18.3%
Research Training	119	130	9.2%	\$ 52,135,791	\$ 28,620,959	82.2%
Other Sponsored Activity	467	618	32.3%	\$ 82,511,666	\$ 70,654,285	16.8%

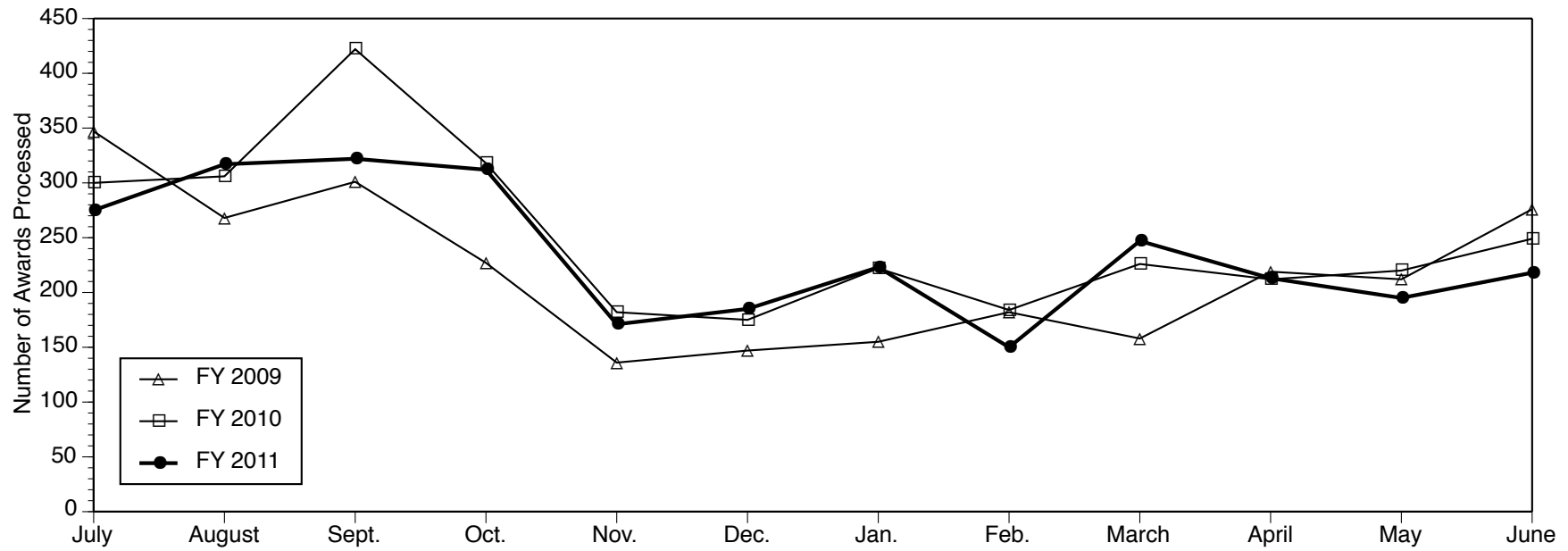
The decline in total awards processed in FY 2011 remains below that of FY 2010 in both year-to-date comparisons as well as monthly activity. Last year's activity was significantly influenced by the influx of ARRA funding and thus direct comparison or trends are difficult to compare. As an example there were 23 awards processed in June 2010 valued in excess \$1.0 million for a total of \$54.1 million. In June 2011 there were only eight such large awards totaling \$14.8 million.

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

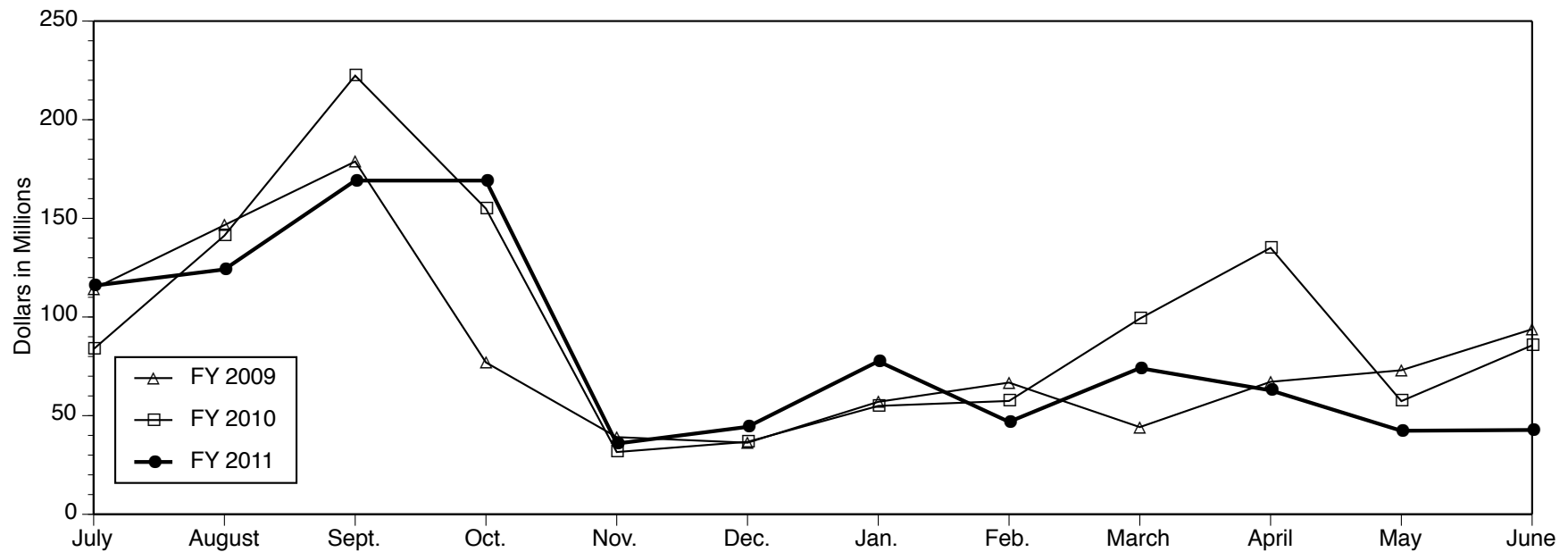
	Federal Expendable Restricted	Other Funds	Total Expenditures
May 2011	\$ 739,327,470	\$ 358,731,794	\$ 1,098,059,264
May 2010	\$ 684,628,887	\$ 320,846,190	\$ 1,005,475,077
Percent Change	8.0%	11.8%	9.2%

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, 2011 through June 30, 2011**

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.

## **Alex's Lemonade Stand**

*Mechanisms of Oncogenic Transformation by TLX1/HOX11*

MARK CHIANG (Int Med-Hematology/Oncology)

\$80,000 07/01/2011 - 06/30/2013

## **American Academy of Family Physicians**

*SPECIALTY DIFFERENCES IN THE USE OF STATINS IN PRIMARY PREVENTION*

KATHERINE JO GOLD (Family Medicine)

\$2,000 04/01/2011 - 09/30/2011

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

*Spontaneous laryngeal reinnervation following recurrent laryngeal nerve injury*

NORMAN D HOGIKYAN (LaRGO)

\$10,000 07/01/2011 - 06/30/2012

## **American Chemical Society**

*Fundamental Investigation of Carrier Multiplication Processes in Carbon Nanomaterials*

ZHAOHUI ZHONG (COE EECS - ECE - SSEL)

\$100,000 09/01/2011 - 08/31/2013

*Silicon Quantum Dot Superlattices for High Efficiency Thermoelectrics*

AKRAM BOUKAI (Materials Science & Engin.)

\$100,000 09/01/2011 - 08/31/2013

*Surface Enhanced Raman Spectroscopy of Group IV Semiconductor Electrodeposition and Deoxygenation*

STEPHEN MALDONADO (LSA Chemistry)

\$100,000 09/01/2011 - 08/31/2013

*Hygro-responsive surfaces: A new approach for oil-water emulsion separation*

ANISH TUTEJA (Materials Science & Engin.)

\$100,000 08/01/2011 - 08/31/2013

*Form first principles studies to novel electro-catalysts for oxygen reduction reaction: design, synthesis and testing*

SULJO LINIC (Chemical Engineering Dept)

\$100,000 09/01/2011 - 08/31/2013

## **American College of Radiology**

*RESCUE: Randomized Evaluation of Patients with Stable Angina Comparing Utilization of Diagnostic Examinations*

SMITA PATEL (Department of Radiology)

with JAMES CORBETT  
MICHAEL J SHEA

\$80,000 07/01/2011 - 09/29/2013

**American Council of Learned Societies**

*The View from Below: Imaging Modernity and the Lower East Side*

SARA B BLAIR (LSA English Language & Lit.)

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

**American Educational Research Association**

*Education's Contribution to An Open Society*

FABIAN T PFEFFER (SRC-Psid)

\$30,000 08/01/2011 - 08/31/2013

**American Heart Association, Inc.**

*Role of the novel cell surface receptors Gas1, Cdo and Boc in Hedgehog signal transduction*

BENJAMIN ALLEN (Cell and Developmental Biology)

\$308,000 07/01/2011 - 06/30/2015

**American Heart Association, Midwest Affiliate**

*RASA1 as a potential therapeutic target for treatment of lymphedema*

PHILIP D KING (Microbiology and Immunology)

\$95,224 07/01/2011 - 06/30/2013

*Crosstalk between brown fat and liver: Role of Neuregulin4 in regulating glucose homeostasis*

JIANDIE LIN (Life Sciences Institute-Admin)

\$52,000 07/01/2011 - 06/30/2013

*Mechanisms of age-dependent functional decline at neuromuscular junctions*

X Z SHAWN XU (Life Sciences Institute)

\$95,224 07/01/2011 - 06/30/2013

*Computational Methods for the Cardiovascular Physiome: Data-Driven Risk Stratification Following Acute Coronary Syndrome*

ZEESHAN HASSAN SYED (COE EECS - CSE - AI)

\$207,988 07/01/2011 - 06/30/2014

*Regulation and Activation of Phospholipase Cbeta by Heterotrimeric G Proteins*

JOHN J G TESMER (Life Sciences Institute-Admin)

\$90,772 07/01/2011 - 06/30/2013

**American Society for Pharmacology and Experimental Therapeutics**

*The ASPET Institutional Summer Undergraduate Research Fellowship*

JOHN J G TESMER (Life Sciences Institute-Admin)

\$2,800 05/09/2011 - 07/22/2011

**Applied Research Associates**

*Aggregate Contingent Estimation (ACE) program*

J FRANK YATES (LSA Psychology)

\$14,586 05/23/2011 - 06/23/2011

**Aramco Services Company**

*Sustainable Worldwide Transportation*

MICHAEL SIVAK (UMTRI-Human Factors)

\$30,000 05/18/2011 - 05/17/2012

**Arthritis Foundation**

*Improved assessment and treatment of ILD associated with arthritis*

KRISTINE PHILLIPS (Int Med-Rheumatology)

\$40,000 07/01/2011 - 06/30/2012

**AstraZeneca, PLC**

*Impact of AZD7969 on established prostate cancer (PCa) bone metastasis*

EVAN T KELLER (Urology Surgery)

\$98,033 06/09/2011 - 06/08/2012

**Axikin Pharmaceuticals**

*Testing an Axikin compound in a SCID model of Idiopathic Pulmonary Fibrosis*

CORY M HOGABOAM (Pathology Department)

\$57,438 06/01/2011 - 06/30/2012

**Battel Engineering, Inc**

*HVPS Fabrication Support to Battel Engineering Supplement 3*

CHARLES J M EDMONSON JR (Space Physics Research Lab)

\$32,000 11/15/2008 - 03/31/2012

**Biosense Webster, Inc.**

*Preclinical Studies of Multi Electrode Mapping with Magnetic Single Axis Sensor Catheters*

JEROME KALIFA (Int Med-Cardiology)

THOMAS CHRISTOPHER CRAWFORD (Int Med-Cardiology)

\$24,320 06/16/2011 - 06/15/2013

**Biotronik, Inc.**

*The IMPACT of Biotronik Home Monitoring Guided Anticoagulation of Stroke Risk in Patients with Implanted ICD and CRT-D Devices (Impact Study)*

ERIC D GOOD (Int Med-Cardiology)

\$1,000 11/09/2010 - 12/31/2011

*The IMPACT of Biotronik Home Monitoring Guided Anticoagulation of Stroke Risk in Patients with Implanted ICD and CRT-D Devices (Impact Study) AMENDMENT #2*

ERIC D GOOD (Int Med-Cardiology)

\$60,800 01/01/2011 - 12/31/2016

**Blue Cross Blue Shield of Michigan Foundation**

*Does Automatically Prompting Primary Care Providers about High-risk Family Histories Increase Referrals or Discussions about Risk for Certain Diseases and Where Appropriate, Referrals for Genetic Counseling?*

PHILIP ZAZOVE (Family Medicine)

\$10,000 03/01/2011 - 02/29/2012

*The Relationship Between Components of Metabolic Syndrome and Open-angle Glaucoma*

JOSHUA D STEIN (Ophthalmology & Visual Science)

\$10,000 07/01/2011 - 06/30/2012

**Boston Dynamics**

*Enhanced technologies for optimizing warfighter load*

ARTHUR D KUO (Mechanical Engineering)

\$10,000 04/01/2011 - 09/01/2012

*Atlas: High Mobility Humanoid Robot*

ARTHUR D KUO (Mechanical Engineering)

\$54,222 02/07/2011 - 02/06/2012

**Bristol-Myers Squibb Company**

*2011.019: A Randomized, Blinded, Phase 2 Dose-Ranging Study of BMS-936558 (MDX-1106) in Subjects With Progressive Advanced/Metastatic Clear-Cell Renal Cell Carcinoma Who Have Received Prior Anti-Angiogenic Therapy*

BRUCE G REDMAN (Int Med-Hematology/Oncology)

\$153,951 05/19/2011 - 05/18/2013

*Phase 1, Multicenter, Open-label, Dose-escalation, Multidose Study of MDX-1203 in Subjects with Advanced/Recurrent Clear Cell Renal Cell Carcinoma or Relapsed/Refractory B-Cell Non-Hodgkin's Lymphoma*

DAVID C SMITH (CTO-Phase 1)

\$138,576 06/30/2009 - 06/29/2012

*Abatacept (Orencia) in models of angiogenesis*

ALISA E KOCH (Int Med-Rheumatology)

with JEFFREY H RUTH

\$180,000 06/15/2011 - 06/14/2012

*Parallel, Open-Label, Randomized Study to Evaluate the Safety, Pharmacokinetics and Pharmacodynamics of PSI-7977 in Combination with BMS-790052 with or without Ribavirin in Treatment Naive Subjects Chronically Infected with Hepatitis C Virus Genotypes 1, 2, or 3*

ANNA SUK-FONG LOK (Int Med-Gastroenterology)

\$174,622 05/03/2011 - 05/02/2013

**Burroughs Wellcome Fund**

*Prostaglandin E2 synthesis and signaling in the pathogenesis of puerperal Group A Streptococcus infections*

DAVID ARONOFF (Int Med-Infectious Diseases)

\$500,000 07/01/2011 - 06/30/2016

**Cascade Technologies, Inc**

*Turbulent Combustion Interaction Models for LES Simulations of High Speed Flow*

MATTHIAS IHME (Aerospace Engineering)

\$30,000 03/29/2011 - 10/31/2011

**Case Western Reserve University**

*How mutations in proinsulin cause neonatal diabetes: a protein-misfolding disease*

PETER ARVAN (Metabolism, Endo & Diabetes)

with MING LIU

\$61,977 04/01/2011 - 05/31/2012

**Casey, Annie E., Foundation**

*Theory of Change Consult*

TRINA R SHANKS (School of Social Work)

\$40,398 06/01/2011 - 12/31/2011

**Centocor, Inc.**

*Immune system-microbiota interactions and IBD*

VINCENT BENSAN YOUNG (Int Med-Infectious Diseases)

\$171,990 05/16/2011 - 05/15/2013

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

*Dietary Reversal of Cognitive Impairment after Traumatic Brain Injury - Div. Sup.*

LESLIE SATIN (Pharmacology Department)

with CARRIE NEWMAN

\$21,770 04/01/2011 - 06/30/2011

**Cincinnati Children's Hospital**

*Behavioral and Nutrition Treatment to Help Cystic Fibrosis Preschoolers Grow - Modification/Amendment Number 3*

JENNIFER LYNN BUTCHER (Child Behavioral Health)

\$15,322 08/01/2010 - 07/31/2011

*Private-Use Data Set for Monitoring the Future Data, Cincinnati Children's Hospital Medical Center*

JOHN E SCHULENBERG (SRC-Studies of Youth)

\$3,660 05/01/2011 - 04/30/2013

**Cincinnati Children's Hospital Medical Center**

*Normal and Neoplastic Stem Cell Niches in the Hematopoietic System Budget Amendment*

VALERIE P CASTLE (Pediatrics-Hematology/Oncology)

\$521 09/01/2010 - 06/30/2011

**City of Grand Blanc**

*Giving Power to Preserve Our History*

GREG RYBARCZYK (Flint History)

THOMAS C HENTHORN (Flint History)

\$5,000 05/01/2011 - 11/17/2012

**Cleveland Clinic Foundation**

*A multicenter, randomized, double blind, placebo-controlled cardiovascular outcomes study to evaluate the potential of aleglitazar to reduce cardiovascular risk in patients with a recent acute coronary syndrome (ACS) event and type 2 diabetes mellitus (T2D)*

RODICA POP-BUSUI (Metabolism, Endo & Diabetes)

with CLAIRE SIBYLLE DUVERNOY

\$2,500 11/16/2010 - 10/22/2013

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

*Larval Dispersal, habitat classification and food web modeling*

ALLEN BURTON (SNRE CILER)

with DMITRY BELETSKY

HONGYAN ZHANG

\$194,040 11/01/2010 - 10/31/2011

**Conquer Cancer Foundation of ASCO**

*Developing Targeted Therapies for Microsatellite Instable Colorectal Cancers*

KATHLEEN A COONEY (Int Med-Hematology/Oncology)

\$50,000 07/01/2011 - 06/30/2012



**Cornell University**

*National Nanotechnology Infrastructure Network-YR 3-(6 months-1st half) 2011 Renewal*

KHALIL NAJAFI (COE EECS - ECE - SSEL)

with FRED LEWIS TERRY JR

\$637,500 03/01/2011 - 08/31/2011

**Dana-Farber Cancer Institute**

*Preclinical and Brief Exposure Early Clinical Evaluation of an Oral PARP Inhibitor for Breast Cancer Prevention in BRCA Mutation Carriers*

DEAN E BRENNER (Int Med-Hematology/Oncology)

with ANANDA SEN

\$93,750 05/25/2010 - 05/24/2011

**Deafness Research Foundation**

*A Stem Cell-Seeded Nanofibrous Scaffold for Auditory Nerve Regeneration*

ROBERT K DUNCAN (Kresge Hearing Research Inst)

\$25,000 07/01/2011 - 06/30/2012

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

*Adaptive Piezoelectric Circuitry Sensor Network with High-Frequency Harmonics Interrogation for Structural Damage Detection*

KON-WELL WANG (Mechanical Engineering)

\$526,157 06/01/2011 - 05/31/2014

*Detailed Characterization of Nonideal Effects on Shock Tube Ignition Dynamics Using Large-Eddy Simulation*

MATTHIAS IHME (Aerospace Engineering)

\$374,215 05/01/2011 - 04/30/2014

*Morphing Carbon Nanotube Microstructures*

ANASTASIOS JOHN HART (Mechanical Engineering)

\$377,070 06/01/2011 - 05/30/2014

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

*Selective Gene Regulation by Androgen Receptor in Prostate Cancer*

DIANE M ROBINS (Human Genetics Department)

\$124,140 09/30/2011 - 10/29/2013

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

*Correlations of Enzyme Surface Engineering/Immobilization Methods, Enzyme Orientation, and Enzyme Activity*

ZHAN CHEN (LSA Chemistry)

with E NEIL G MARSH

\$888,923 06/01/2011 - 05/31/2014

*Second Extension for Silicon Based Examination of Radiation Interactions with Solid-State Materials*

MARK DAVID HAMMIG (Nuclear Eng & Radiological Sci)

\$91,814 06/14/2011 - 12/14/2011

**Defense, Department of-Navy, Department of the***Experimental Investigation of Partial Cavitation and Its Transition to Cloud Cavitation*

STEVEN L CECCIO (Mechanical Engineering)

\$449,966 06/01/2011 - 05/31/2014

*Randomized Algorithms for Reduced Representations*

ERIC MICHIELSSEN (COE EECS - ECE - Rad)

\$16,543 06/15/2011 - 05/31/2015

**Denso Corporation***Automotive Analysis Affiliates Program*

BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)

\$7,500 05/09/2011 - 05/08/2012

**Denso North America Foundation***Nanofluid Application for Vehicle and Battery Thermal Management*

DOHOY JUNG (Dbn Coll of Eng-Mechanical Eng)

\$50,000 06/01/2011 - 11/30/2011

**Detroit Economic Growth Corporation (DEGC)***SmartBuildings Detroit Program intership for Diana Flora*

JONATHAN LEVINE (Urban Planning)

\$13,583 06/01/2011 - 05/25/2012

**Dompe Farmaceutici S.p.A.***Effects of Reparixin and Ladarixin on Prostate Cancer Stem Cells*

EVAN T KELLER (Urology Surgery)

\$200,507 04/01/2011 - 03/31/2012

*Effects of Reparixin and Ladarixin on Bladder Cancer Stem Cells*

EVAN T KELLER (Urology Surgery)

\$167,310 04/01/2011 - 03/31/2012

**Dow Corning Corporation***Determining the Performance of Mg2Si-Si Heterojunction Eutectic Lamellar (HEL) Cells*

AKRAM BOUKAI (Materials Science &amp; Engin.)

\$150,000 06/01/2011 - 05/31/2012

**Duke University***EXenatide Study of Cardiovascular Event Lowering Trial (EXSCEL)*

ELIF A ORAL (Metabolism, Endo &amp; Diabetes)

with ANGELA R SUBAUSTE

\$22,626 10/18/2010 - 10/18/2017

**Early Childhood Investment Corporation (ECIC)***Oral Health Needs Assessment for Michigan Children 0-5 Years*

SARAH J CLARK (Pediatrics-Ambulatory Care Pgm)

with MARGHERITA R FONTANA

MICHAEL CAREY MANZ

WOOSUNG SOHN

\$85,000 04/01/2011 - 09/30/2011

**Eastern Michigan University***Cross-national Variations and Trends in Islamic Fundamentalism*

ARLAND D THORNTON (Pop Studies-Research)

\$39,638 06/01/2009 - 11/30/2011

**Electricite De France (EDF)***Irradiation-Accelerated Corrosion of Reactor Core Materials*

GARY S WAS (Nuclear Eng &amp; Radiological Sci)

\$798,944 01/01/2011 - 12/31/2014

*Irradiation-Accelerated Corrosion of Reactor Core Materials (complimentary program)*

GARY S WAS (Nuclear Eng &amp; Radiological Sci)

with ZHIJIE JIAO

\$20,000 04/01/2011 - 10/31/2012

**Environmental Operating Solutions, Inc (EOSi)***EVALUATING THE POSSIBILITY OF REPLACING GLACIAL ACETIC ACID WITH MicroC PRODUCTS FOR THE SIMULTANEOUS REMOVAL OF NITRATE AND PERCHLORATE FROM WATER SOURCES*

LUTGARDE M RASKIN (Civil &amp; Environmental Engr)

\$54,620 06/01/2011 - 11/30/2011

**Environmental Protection Agency***Understanding the Impact of the Great Lakes on Regional Employment and the National Economy*

DONALD SCAVIA (Graham Environ. Sustain. Inst.)

\$14,906 03/01/2011 - 09/30/2011

**Fairbanks Public School System***Fairbanks Public School System*

DEE W EDINGTON (Health Management Research Ctr)

\$25,000 01/01/2011 - 12/31/2011

**Ford Foundation***Social Vulnerabilities and HIV/AIDS Risk Among African American and Latino Young Men Who Have Sex With Men in Detroit*

JOSE ARTURO BAUERMEISTER (Hlth Behavior &amp; Hlth Ed Dept)

with DEREK GRIFFITH

MARK B PADILLA

RACHEL CAMPBELL SNOW

\$233,000 05/01/2011 - 04/30/2013

**Ford Motor Company***NSF I/UCRC on Intelligent Maintenance Systems*

JUN NI (CoE Ind/Univ Coop Research Ctr)

\$80,000 10/01/2010 - 09/30/2012

*Novel Three-Way Catalyst Formulation for Improved Precious Metal Utilization*

XIAOQING PAN (Materials Science &amp; Engin.)

\$180,000 07/01/2011 - 06/30/2013

*Specifying and Estimating Joint Vehicle Sales / Share Mid-Range (2-5 Year) Forecasting Models*

FRED M FEINBERG (ROSS SCH Research Support)

RICHARD D GONZALEZ (ROSS SCH Research Support)

\$172,846 07/01/2011 - 06/30/2013

*Characterization of Surfaces and Interfaces of Nanomaterials*

KAI SUN (Materials Science &amp; Engin.)

\$30,000 06/01/2011 - 05/31/2012

*Microbial Analysis of Interior Car Surfaces*

BLAISE R BOLES (LSA Molec./Cell./Develop. Bio)

\$25,000 07/01/2011 - 06/30/2012

*As-Needed Short-Term Data Analysis*

CAROL ANN FLANNAGAN (UMTRI-Data Center)

with CHARLES P COMPTON

\$6,000 01/01/2011 - 12/31/2011

**FutureWei Technologies, Inc.***Proposal to Study Coherent Multicore Machines that Scale to 64 and 128 Cores*

TREVOR N MUDGE (COE EECS - CSE - ACAL)

\$186,388 04/20/2011 - 04/30/2012

**Gates, Bill and Melinda, Foundation***SPARCS - Studying Poverty, Agricultural Risks and Coping Strategies*

ARUN AGRAWAL (Sch of Nat Resources &amp; Environ)

\$146,546 06/07/2011 - 12/13/2012

**Gay and Lesbian Medical Association (GLMA)***Preventative STI Strategies: Examining the Role Across Relationship Configurations among WSW*

TERRI CONLEY (LSA Psychology)

\$6,366 07/01/2011 - 06/30/2012

**General Electric Company***Enabling Mobile Travel Intelligence via Personal Mobility Models*

BRIAN D NOBLE (COE EECS - CSE - SSRL)

JASON NELSON FLINN (COE EECS - CSE - SSRL)

\$99,947 06/01/2011 - 05/31/2012

*MapReduce Efficiency and GPUs*

MICHAEL JOHN CAFARELLA (COE EECS - CSE - SSRL)

\$35,338 06/01/2011 - 10/31/2011

*Multi-platform multi-form factor augmented reality mobile integration*

GEORG ESSL (COE EECS - CSE - AI)

\$105,322 02/01/2011 - 01/31/2012

**GlaxoSmithKline (GSK)***Phase II Trial of Low-Dose Methotrexate and Iodine I 131 Tositumomab for Previously Untreated, Advanced-Stage, Follicular Lymphoma - UMCC 2010.098*

MARK S KAMINSKI (Int Med-Hematology/Oncology)

\$300,029 04/22/2011 - 06/30/2014

**Grand Valley State University***Integrated Assessment of Feasibility and Deployment of Offshore Wind Technologies in the Great Lakes*

DIONISSIOS N ASSANIS (MI Memorial Phoenix Energy Ins)

with AMY ELLEN MAINVILLE COHN

CARLOS E CESNIK

DALE G KARR

DAVID J JUDE

GREGORY A KEOLEIAN

GUY A MEADOWS

IAN HISKENS

JEROME P LYNCH

LORELLE ANNISE MEADOWS

NILTON O RENNO

PERETZ P FRIEDMANN

RICK J NICIEJEWSKI

SARA ADLERSTEIN-GONZALEZ

\$50,257 04/01/2011 - 08/15/2011

**Health and Human Services, Department of-Agency for Health Care Research and Quality***Using simulation for teaching femoral arterial access: A multi centric collaborative approach*

HITINDER SINGH GURM (Int Med-Cardiology)

with ALBERT J SHIH

STANLEY J CHETCUTI

\$1,023,306 06/01/2011 - 05/31/2014

**Health and Human Services, Department of-Centers for Medicare and Medicaid Services***Utilization of Data Indicators in the End Stage Renal Disease (ESRD), Transplant, and Organ Procurement Organizations' Survey Processes*

JOHN D KALBFLEISCH (Biostatistics Department)

with DOUGLAS E SCHAUBEL

\$96,001 09/28/2010 - 09/27/2011

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

*Understanding Social Disparities in Health and Aging*

JAMES S HOUSE (SRC-Seh-House)

with JEFFREY D MORENOFF  
MICHAEL R ELLIOTT  
PAULA M LANTZ  
PHILIPPA J CLARKE  
SARAH ANDREA BURGARD  
WEN YE

\$3,215,067 06/15/2011 - 05/31/2016

*Exploring Tobacco Effects on Attention in Schizophrenics and Controls Using fMRI*

SALLY K GUTHRIE (PHARMACY Clin, Soc & Admin Sci)

with LUIS HERNANDEZ-GARCIA  
STEPHAN F TAYLOR

\$233,250 07/01/2011 - 06/30/2012

*New optical approaches to study secretory granule structure and function*

DANIEL AXELROD (Pharmacology Department)  
RONALD W HOLZ (Pharmacology Department)

\$419,855 07/01/2011 - 06/30/2013

*Immune dysfunction associated with early life heavy metal exposure*

EMILY CATHERINE SOMERS (Int Med-Rheumatology)

\$669,600 06/01/2011 - 02/29/2016

*Crystallization and structure determination of the m-opioid receptor*

ROGER K SUNAHARA (Pharmacology Department)

\$434,531 07/01/2011 - 06/30/2013

*Genetic Predictors of Anti-Estrogen Clinical Activity in Breast Cancer Patients*

JAMES M RAE (Int Med-Hematology/Oncology)

with DANIEL F HAYES  
LYNN HENRY  
MOUSUMI BANERJEE

\$1,671,339 06/15/2011 - 03/31/2016

*Recep. Protein Tyrosine Phosphatase-k Regulation of EGFR*

GARY J FISHER (Dermatology Department)  
YIRU XU (Dermatology Department)

\$1,749,188 06/14/2011 - 02/29/2016

*Unraveling mechanisms of Niemann-Pick C neuropathology with mouse models*

ANDREW P LIEBERMAN (Pathology Department)

\$1,671,380 07/01/2011 - 06/30/2016

*Insights on Glaucoma from Analysis of the CIGTS Data*

DAVID C MUSCH (Ophthalmology & Visual Science)

with BRENDA WILSON GILLESPIE  
NANCY K JANZ

\$426,375 07/01/2011 - 06/30/2013

*Diversity Supplement - Community Health Worker Diabetes RCT for Latinos*

MICHAEL SPENCER (School of Social Work)

\$120,331 08/01/2010 - 07/31/2013

*Promoting Diversity of Future Scientists*

JIMO BORJIGIN (Molec & Integrative Physiology)  
with BISHR OMARY  
JOSE JALIFE  
\$441,935 06/15/2011 - 05/31/2016

*Utilizing Medical Internship to Identify Genetic Variation Associated with Depression Under Stress*

SRIJAN SEN (Psychiatry Depression Center)  
\$729,216 07/01/2011 - 04/30/2015

*Metabolic flux in a model of reduced oxidative capacity (K25)*

CHARLES ROBERT EVANS (Metabolism, Endo & Diabetes)  
\$720,540 07/01/2011 - 04/30/2016

*Mechanisms of dental pulp stem cell differentiation into functional endothelium*

JACQUES EDUARDO NOR (DENTCariology, Restor Sci & Endo)  
with TATIANA M BOTERO  
\$1,399,500 07/01/2011 - 06/30/2015

*STRAW+10: Addressing the Unfinished Agenda of Staging Reproductive Aging*

SIOBAN D HARLOW (Epidemiology Department)  
\$50,000 07/01/2011 - 06/30/2012

*PI(3,5)P2 synthesis in AMPA receptor trafficking and synaptic function*

MICHAEL MARK ALEXANDER SUTTON (Molecular & Behav Neurosc Inst)  
\$64,052 07/01/2011 - 06/30/2013

*Reinforcement Learning and Striatal Patch/Matrix Architecture*

JOSHUA DAMIEN BERKE (LSA Psychology)  
with EUISIK YOON  
\$377,532 06/01/2011 - 05/31/2013

*Role of Astrocyte Injury in Neuroprotection*

MARTIN A PHILBERT (Environmental Health Sciences)  
\$198,891 04/01/2011 - 03/31/2013

*Analysis of Fatty Liver in the Framingham Heart Study Cohort*

ELIZABETH SPELIOTES (Int Med-Gastroenterology)  
\$360,719 04/15/2011 - 01/31/2013

*Education for Community Genomic Awareness*

TOBY CITRIN (Health Management and Policy)  
with JOSEPH S KRAJCIK  
\$184,592 06/01/2011 - 03/31/2012

*SWAN Repository III - Supplement*

MARYFRAN R SOWERS (Epidemiology Department)  
with DANIEL S MCCONNELL  
\$2,068,000 07/01/2011 - 08/31/2015

**Hewlett-Packard Company**

*Large:bf Blackcomb: Hardware-Software Co-design for Scalable Uses of Non-Volatile Memory for Exascale Systems*

TREVOR N MUDGE (COE EECS - CSE - ACAL)

\$151,865 01/01/2011 - 12/31/2013

**Automotive Analysis Affiliates Program**

BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)

\$7,500 05/02/2011 - 05/01/2012

**Hyundai Motor Company and Kia Motors Corporation**

*Research Experience Program for Hyundai - Kia Motors:  
Measure of Perceived Gear-shifting Quality*

SANG-HWAN KIM (Dbn Col of Eng-Indust & Sys En)

\$42,686 06/27/2011 - 12/31/2011

**Infectious Diseases Society of America**

*Editorial Office for Clinical Infectious Diseases*

PREETI N MALANI (Int Med-Infectious Diseases)

\$35,000 08/17/2010 - 08/16/2011

**Infinity Pharmaceuticals, Inc**

*2011.012: A Phase 2, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of IPI-926 in Patients with Metastatic or Locally Advanced (Unresectable) Chondrosarcoma*

RASHMI CHUGH (Int Med-Hematology/Oncology)

\$187,615 05/20/2011 - 05/19/2014

**Institute of Museum and Library Services**

*Assessing Globally-ranked At-risk Native Plant Communities: a General Conservation Survey of High-quality Natural Areas of the University of Michigan Matthaei Botanical Gardens and Nichols Arboretum*

ROBERT E GRESE (Botanical Gardens & Arboretum)

with DAVID C MICHENER

JEFFREY J PLAKKE

\$126,091 06/01/2011 - 05/31/2013

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

*Polychromatic Angiography for Grading Retinal Vascular Leakage*

DAVID ANTONETTI (Ophthalmology & Visual Science)

with CHENG-MAO LIN

\$280,250 09/01/2011 - 08/31/2012

**Kellogg, W. K., Foundation**

*Engaging Young People in Dialogues on Race and Ethnicity, Public Policy, and Community Change*

BARRY N CHECKOWAY (Ctr for Inst Diversity)

\$200,000 07/01/2011 - 06/30/2013

**Legal Services of Eastern Michigan (LSEM)**

*Legal Needs Study*

DANA DENISE DYSON (Flint Political Science)

\$10,000 04/01/2011 - 09/10/2011



**Lilly, Eli, and Company***Master Service Agreement*

JEREMY MICHAEL GEORGE TAYLOR (Biostatistics Department)

\$15,000 01/11/2011 - 12/31/2011

*Observational Study Description Addendum H7T-US-B007(1) Treatment with ADP receptor inhibitorS:  
Longitudinal Assessment of Treatment Patterns and Events after Acute Coronary Syndrome  
[TRANSLATE-ACS] Prospective, Open Label, Anti-Platelet Therapy Study (POPS) Addendum*

PAUL MICHAEL GROSSMAN (Int Med-Cardiology)

\$13,910 10/19/2010 - 10/31/2012

**Los Angeles County Metropolitan Transportation Authority***Facilitate the Third Meeting of the Los Angeles County Intelligent Travel Options Working Group*

PETER FRANK SWEATMAN (UMTRI - SMART Program)

\$1,200 07/01/2010 - 09/30/2010

**Luminit LLC, Inc***Development of NAno-Patterning Tool (NAPA-Tool)*

L JAY GUO (COE EECS - ECE - SSEL)

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

**Mayo Clinic***New Inhibitors of Acetylcholinesterase that Block Inactivation by Organophosphates*

DAVID SAMUEL SEPT (Biomedical Engineering)

\$163,941 04/01/2011 - 03/31/2013

**Merck Sharp and Dohme Research Laboratories***CPM-OA: Central pain mechanisms in osteoarthritis- A randomized, blinded, crossover design study to  
evaluate the effectiveness of topical diclofenac versus duloxetine for chronic osteoarthritis pain*

KRISTINE PHILLIPS (Int Med-Rheumatology)

with STEVEN EDWARD HARTE

\$290,715 02/28/2011 - 02/27/2013

**Michigan, State of, Community Health, Department of***Comprehensive Cancer Control Social Media Initiative*

MARC A ZIMMERMAN (Hlth Behavior &amp; Hlth Ed Dept)

\$14,000 05/01/2011 - 09/30/2011

**Michigan, State of, Education, Department of***Building Momentum: Sustaining and Extending Previous Project Gains through Professional Learning  
Communities focused on Algebra One.*

ROGER F VERHEY (Dbn CASL-Math &amp; Statistics)

with KIM KILLU

\$220,447 06/01/2011 - 09/30/2012

**Michigan, State of, Energy, Labor and Economic Growth, Department of***Economy, Energy, and Environment Student Internship (E3 Internship) Program*

JAROD CORY KELLY (Sch of Nat Resources &amp; Environ)

\$10,000 04/02/2011 - 09/30/2011

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

*2011-Dispatcher Training Distribution*

CHARLES A NOFFSINGER (Staff Operations Bureau)

\$5,281 03/15/2011 - 05/31/2013

*MCOLES Police Training Funds 2011 Disbursement*

CHARLES A NOFFSINGER (Staff Operations Bureau)

\$4,877 01/01/2011 - 12/31/2013

**Michigan State University**

*Computerized Cognitive Rehabilitation in Ugandan Children After Severe Malaria*

BRUNO J GIORDANI (Psychiatry-Neuropsychology)

\$27,963 04/01/2011 - 01/31/2016

**Michigan Technology and Research Institute**

*EFFECTS OF GADOLINIUM-CONTAINING MRI CONTRAST AGENTS ON HUMAN DERMAL FIBROBLASTS IN MONOLAYER CULTURE AND HUMAN SKIN IN ORGAN CULTURE*

JAMES VARANI (Pathology Department)

\$20,858 07/01/2011 - 06/30/2012

**Midwest Eye Banks and Transplantation Center**

*Economic factors that influence blepharoplasty and ectropion repairs*

CHRISTINE C NELSON (Ophthalmology & Visual Science)

\$2,500 07/01/2011 - 06/30/2012

*A Diabetic Retinopathy Risk of Progression Calculator*

THOMAS GARDNER (Ophthalmology & Visual Science)

\$15,000 07/01/2011 - 06/30/2012

*Functional characterization of developmental changes in NMDA receptor subunit composition of retinal ganglion cells*

KWOON YIU WONG (Ophthalmology & Visual Science)

\$15,000 07/01/2011 - 06/30/2012

**Molecular Imaging Research Inc.**

*Molecular Imaging Research Cell Culture Contract Services*

MAHAVEER S BHOJANI (Radiation Oncology - Ann Arbor)

\$15,071 06/01/2011 - 09/30/2011

**Mount Sinai Medical Center, The**

*Mount Sinai Institutes of Clinical & Translational Sciences (CTSA grant)*

EDWARD COLBURN NORTON (Health Management and Policy)

\$18,370 05/05/2011 - 03/31/2012

**NanoBio Corporation**

*Respiratory Syncytial Virus Vaccine*

JAMES R BAKER JR (MI Nanotechnology Institute)

with ANDRZEJ MYC

ANNA U BIELINSKA

DOUGLAS SMITH

PAUL EDWARD MAKIDON

SUHE WANG

\$1,997,507 12/01/2010 - 11/30/2012

**National Academy of Education**

*Education and Social Mobility in the United States and Abroad*

FABIAN T PFEFFER (SRC-Psid)

\$55,000 09/01/2011 - 05/30/2012

**National Aeronautics and Space Administration**

*Understanding of the Band-by-Band Longwave Radiation Budgets and Cloud Radiative Forcings: A Synergistic Approach with CERES, AIRS, and GCM Simulations*

XIANGLEI HUANG (Atm, Oceanic & Space Sci.)

with GERALD L POTTER

\$464,575 04/13/2011 - 04/12/2014

*Astrophysical Probes of New Models of Dark Matter*

KATHRYN ZUREK (LSA Physics)

\$192,000 07/01/2011 - 06/30/2014

*GeoMACH: Geometry for MDAO of Aircraft Configurations with High Fidelity*

JOAQUIM R R A MARTINS (Aerospace Engineering)

\$452,636 06/02/2011 - 06/01/2014

*Investigating Processes of Atmospheric Loss at Venus and Mars - Supplemental*

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

\$15,572 02/01/2011 - 01/31/2014

**National Athletic Trainers Association Research & Education Foundation (NATA)**

*Improving skeletal muscle regeneration following eccentric injury by inhibition of the pro-inflammatory cytokine TGF-beta*

CHRISTOPHER LOUIS MENDIAS (School of Kinesiology)

\$52,992 04/20/2011 - 03/31/2012

**National Childhood Cancer Foundation**

*National Childhood Cancer Foundation subcontract 20751*

RAJEN J MODY (Pediatrics-Hematology/Oncology)

\$36,100 03/01/2011 - 02/29/2012

**National Comprehensive Cancer Network (NCCN) Foundation**

*A Nationwide Physician Survey to Evaluate the Role of NCCN Guidelines in Cancer Management Recommendations*

RESHMA JAGSI (Radiation Oncology - Ann Arbor)

\$150,000 08/01/2011 - 07/31/2013

**National Endowment for the Humanities**

*Menus for Movie Land: Newspapers and the Emergence of American Film Culture, 1911-1916*

RICHARD ABEL (LSA Screen Arts & Cultures)

\$50,400 07/01/2011 - 06/30/2012

**National Geographic Society**

*Waterlogged Archaeology in the River Harbor of Rome*

NICOLA TERRENATO (LSA Kelsey Museum/Archaeology)

\$22,500 07/01/2011 - 06/30/2012

**National Hemophilia Foundation, The***Identification of Chemical and Genetic Modifiers of Bleeding Disorders using a Zebrafish Model System*

JORDAN A SHAVIT (Pediatrics-Hematology/Oncology)

\$70,000 07/01/2011 - 06/30/2012

**National Nursing Staff Development Organization***Revised Identifying Levels of Evaluation for the Charge Nurse Leadership Program*

SHARON LEE SMITH (UMH Educat Svcs-Nursing)

\$1,500 06/01/2011 - 09/30/2012

**National Science Foundation***Further Discovery and Elaboration of Metallacrowns*

VINCENT L PECORARO (LSA Chemistry)

\$513,000 07/15/2011 - 06/30/2014

*RI: Medium: Collaborative Research: Improved Control and Sensory Feedback for Neuroprosthetics*

BRENT GILLESPIE (Mechanical Engineering)

with ALICIA J DAVIS

\$389,952 06/01/2011 - 05/31/2015

*EAGER: SmartGreen: An Adaptive Architecture for Management of Large Energy Storage Systems*

KANG GEUN SHIN (COE EECS - CSE - RTCL)

\$209,823 07/01/2011 - 06/30/2013

*The Structure of Signals: Causal Interdependence Models and Bayesian Inference*

MICHAEL P WELLMAN (COE EECS - CSE - AI)

with SCOTT E PAGE

\$400,000 07/01/2011 - 06/30/2014

*Algebraic Combinatorics*

SERGEY FOMIN (LSA Mathematics)

\$300,000 07/01/2011 - 06/30/2014

*GOALI: Heterogeneous 3D Integration of Electronic, Optical, and Structural Platform for Neural Microsystems*

EUISIK YOON (COE EECS - ECE - SSEL)

with KENSALL D WISE

\$360,000 06/15/2011 - 05/31/2014

*Statistical Methods for Network Data*

ELIZAVETA LEVINA (LSA Statistics)

\$290,000 07/01/2011 - 06/30/2014

*Engineered nonlinear optical materials based on hybrid nanocomposites*

STEPHEN R FORREST (COE EECS - ECE - SSEL)

\$200,034 06/01/2011 - 05/31/2014

*Spatio-Temporal Dependence and Extremes with Applications to Networking and the Environment*

STILIAN ATANASOV STOEV (LSA Statistics)

with GEORGE MICHAILIDIS

\$210,090 08/01/2011 - 07/31/2014

*A Planning Grant to Enrich and Enlarge the Michigan AGEP Alliance*

JANET A WEISS (Graduate School Administration)

with DEBBY MITCHELL

\$149,593 06/01/2011 - 05/31/2012

*Fluids in continental fault zones; evidence from neomineralized clays.*

BEN VAN DER PLUIJM (LSA Geological Sciences)

\$230,372 09/01/2011 - 08/31/2014

*Identifying the utility of species-tree approaches for deep radiations*

L LACEY KNOWLES (LSA Zoology Museum)

\$330,588 07/01/2011 - 06/30/2013

*Aerosols-Climate Interactions: Characterization of Saltation, Dust Lifting, and Dust Electrification in Important Dust Source Regions*

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

\$625,979 07/01/2011 - 06/30/2014

*Travel Conference Grant for Transatlantic Joint Conference of Society for Mathematical Biology and the European Society for Mathematical and Theoretical Biology*

SANTIAGO DAVID SCHNELL (Molec & Integrative Physiology)

\$30,000 06/15/2011 - 05/31/2012

*ICML 11 Workshop on Learning from Unstructured Clinical Text*

ZEESHAN HASSAN SYED (COE EECS - CSE - AI)

\$6,774 06/15/2011 - 05/31/2012

*REU Supplement: Many-body Ryberg systems*

GEORG A RAITHEL (LSA Physics)

\$5,000 06/13/2011 - 07/31/2011

*REU Supplement: Collaborative Research: CubeSat Based Ground to Space Bistatic Radar Experiment Radio Aurora Explorer*

JAMES W CUTLER (Aerospace Engineering)

\$20,000 06/22/2011 - 08/31/2011

*EAGER: Development of a Heterogeneous Multiscale Model as Scale-Bridging Method for Chemically Reacting Systems*

MATTHIAS IHME (Aerospace Engineering)

\$59,891 09/01/2011 - 08/31/2012

*REU Supplement: CAREER: Design and Construction of a Synthetic Fungus-Bacterium Consortium for Efficient Cellulosic Biofuel Production*

NINA LIN (Chemical Engineering Dept)

\$12,500 06/24/2011 - 02/29/2016

**New England Research Institute**

*Pediatric Heart Network (PHN) Study Chair*

CAREN S GOLDBERG (Pediatrics-Cardiology)

with RICHARD G OHYE

\$47,928 09/01/2010 - 08/31/2011

**NOVARTIS PHARMA, INC.**

*Coronary artery disease and cardiac outcomes in kidney transplant recipients*

RANDALL S SUNG (Transplant Surgery (STX))

\$37,180 06/01/2011 - 06/30/2012

**Pfizer**

*Prevalence of Clinical and Subclinical Anthracycline-Induced Cardiomyopathy after Adjuvant Anthracycline in the Treatment of Breast Cancer*

KATHLEEN A COONEY (Int Med-Hematology/Oncology)

\$100,000 07/01/2011 - 06/30/2013

**Phrixus Pharmaceuticals, Inc**

*ULAM Services at NCRC*

ROBERT C DYSKO (Lab Animal Medicine Unit)

\$34,922 04/20/2011 - 04/19/2012

**President, Executive Office of the**

*IPA Council of Economic Advisers*

THOMAS C BUCHMUELLER (ROSS SCH Research Support)

\$137,500 08/15/2011 - 08/14/2012

**Procter and Gamble Company**

*Proctor & Gamble Lecture & Consultation*

JAMES A ASHTON-MILLER (Mechanical Engineering)

\$3,000 06/07/2011 - 06/09/2011

**Purdue University**

*The Psychology of Intergenerational Transfers*

KIRA S BIRDITT (SRC-Life Course Development)

\$25,000 06/01/2009 - 05/31/2010

*Useful to Usable (U2U): Transforming Climate Variability and Change Information for Cereal Crop Producers*

MARIA CARMEN DE MELLO LEMOS (Sch of Nat Resources & Environ)

\$265,337 04/15/2011 - 04/14/2016

*RECHARGE: Small Molecule Synthesis (NIH)*

SCOTT D LARSEN (PHARMACY Medicinal Chemistry)

\$9,880 06/01/2011 - 05/31/2012

**Quintiles, Inc**

*A Phase 3, Randomized, Placebo-Controlled, Blinded, Multicenter Study of the Induction of Clinical Response and Remission by Vedolizumab in Patients with Moderate to Severe Crohn's Disease*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

with DEVIN L BROWN

\$47,081 04/19/2011 - 04/30/2012

**Recreation Vehicle Industry Association (RVIA)**

*Recreational Vehicle Consumer - 2011*

RICHARD T CURTIN (SRC-Surveys of Consumers)

\$40,000 01/01/2011 - 06/30/2012

**Rehabilitation Team Assessments, LLC**

*Emergency Department Management of Back Pain*

BRAD J UREN (Emergency Medicine UM Adult)

\$21,374 06/24/2011 - 12/31/2011

**Research to Prevent Blindness, Inc.**

*The Role of Fibrocytes in Thyroid Activated Ophthalmopathy*

RAYMOND DOUGLAS (Ophthalmology & Visual Science)

\$60,000 07/01/2011 - 06/30/2012

**Robarts Clinical Trials - Robarts Research Institute**

*Protocol CCX114644, ?An Open-Label Extension Study to Assess the Safety of GSK1605786A in Subjects with Crohn?s Disease?*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$152,575 06/01/2011 - 05/31/2014

**Sloan, Alfred P., Foundation**

*Alfred P. Sloan Foundation Fellowship*

ANNE JENNIFER MCNEIL (LSA Chemistry)

\$50,000 09/15/2011 - 09/15/2013

**State University of New York**

*SUNY Thermistor String*

GUY A MEADOWS (Naval Arch & Marine Dept)

\$9,000 06/01/2011 - 06/30/2012

**St. Baldrick's Foundation**

*The Use of Etanercept (Enbrel) as Sole Treatment for Grade I Acute GVHD*

SUNG WON CHOI (Pediatrics-Hematology/Oncology)

\$230,000 07/01/2011 - 06/30/2013

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

*Predictors of Adolescent Sperm Banking: Development of a Profiling and Referral Tool Per Patient Reimbursement*

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$12,750 07/15/2010 - 06/30/2011

**Stryker Corporation**

*Biomedical Innovative Design Team*

AILEEN Y HUANG-SAAD (Biomedical Engineering)

\$87,500 07/01/2011 - 06/30/2012

**Technion - Israel Institute of Technology**

*Tuning Aminoglycosides for Treatment of Human Genetic Diseases*

JOCHEN H SCHACHT (Kresge Hearing Research Inst)

\$93,440 04/01/2011 - 03/31/2012

**The American-Israeli Cooperative Enterprise (AICE)**

*Schusterman Visiting Israeli Lecturer, RENEWAL 2011-12*

DEBORAH DASH MOORE (LSA Judaic Studies)

\$60,000 09/01/2011 - 04/30/2012

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

*Integrated Identification and Regulation for Powertrain Systems*

JING SUN (Naval Arch & Marine Dept)

\$141,909 07/01/2011 - 06/30/2012

**Transportation, Department of-Federal Highway Administration**

*Dwight David Eisenhower Graduate Fellowship for Anne Lewis*

JOSEPH DONALD GRENGS (A. Alfred Taubman CA&UP)

\$5,000 09/01/2011 - 09/01/2012

**Trialynx, Inc.**

*CHI SQUARE: Can HDL Infusion Significantly Quicken Atherosclerosis Regression ? A phase II Multi-center, double-blind, ascending dose, placebo-controlled, dose finding trial of CER-001 or placebo in subjects with acute coronary syndrome*

HITINDER SINGH GURM (Int Med-Cardiology)

\$223,188 06/12/2011 - 01/31/2013

**UChicago Argonne, LLC**

*Update Material Production Modules in the GREET 2 Model*

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

SHELIE MILLER (Sch of Nat Resources & Environ)

\$100,000 05/03/2011 - 09/30/2011

**University of Alabama at Birmingham (UAB)**

*Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) Renewal*

FRANCIS D PAGANI (Cardiac Surgery Section)

\$39,867 12/01/2010 - 11/30/2015

*2011.024 TBCRC 019 Komen Biopsy and MRI Subaward: An Open Label, Randomized, Phase II Trial of Abraxane<sup>TM</sup> (Paclitaxel Albumin-Bound Particles for Injectable Suspension), with or without Tigatuzumab (a Humanized Monoclonal Antibody Targeting Death Receptor 5) (CS-1008) in Patients with Metastatic, Triple Negative (ER, PR, and HER-2 Negative) Breast Cancer*

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

\$46,500 06/09/2011 - 09/25/2014

**University of Arkansas for Medical Sciences**

*Linking Returning Veterans in Rural Community Colleges to Mental Health Care*

MARCIA ANN VALENSTEIN (Psych HlthSvc Outcome Research)

\$51,355 12/10/2010 - 12/09/2011

**University of California - Berkeley**

*Cooperative Intersection Collision Avoidance System - Urban and Sub-Urban Assisted Left Turn (CICAS-USUAL)*

TIMOTHY J GORDON (Mechanical Engineering)

\$25,000 10/01/2010 - 08/31/2011

**University of Notre Dame, The**

*Water in the Moon: Constraints from water diffusion in the lunar mare basaltic melts and water in lunar highland rocks*

YOUXUE ZHANG (LSA Geological Sciences)

\$59,914 05/04/2011 - 05/03/2014

**University of Pittsburgh**

*Xenogenic Hepatocyte Transplantation*

JEFFREY L PLATT (Transplant Surgery (STX))

\$55,062 06/01/2010 - 05/31/2011



**University of Southern California**

*Water Supply Scarcity in Southern California: Assessing Water District Level Strategies*

JOSH NEWELL (Sch of Nat Resources & Environ)

\$30,000 07/01/2011 - 06/30/2012

**University of Texas Health Science Center at San Antonio**

*Validation of Screening Biomarkers for Early Detection of Colorectal Neoplasia*

DEAN E BRENNER (Int Med-Hematology/Oncology)

with ANANDA SEN

BARBARA J MCKENNA

HENRY D APPELMAN

MACK T RUFFIN

MADHURI KAKARALA

\$573,625 07/01/2010 - 06/30/2011

*EDRN PCA3 Validaton Trial and Urinary Reference Set*

JOHN THOMAS WEI (Urology Surgery)

\$174,197 07/01/2010 - 06/30/2011

**Various Sponsors**

*RECHARGE: Anatomical Donations Program*

AMEED RAOOF (Division of Anatomical Science)

\$9,212 07/01/2010 - 06/30/2011

**Veterans Affairs, Department of***IPA-Faith Strickland*

BRUCE C RICHARDSON (Int Med-Rheumatology)  
\$35,735 01/01/2011 - 09/30/2011

*IPA-Sushma Yarlagadda*

BRUCE C RICHARDSON (Int Med-Rheumatology)  
\$30,105 01/01/2011 - 09/30/2011

*IPA-Gorelik*

GABRIELA JUDITH GORELIK (Int Med-Rheumatology)  
\$39,238 01/01/2011 - 09/30/2011

*IPA-Hewagama*

ANURA HEWAGAMA (Int Med-Rheumatology)  
\$44,628 01/01/2011 - 09/30/2011

*IPA - Roman Giger*

ROMAN GIGER (Cell and Developmental Biology)  
\$8,700 04/01/2011 - 09/30/2011

*IPA David Irani*

DAVID N IRANI (Neurology Department)  
\$9,123 04/01/2011 - 09/30/2011

*RECHARGE Interactive Voice Response System (thru 10/2011)*

JOHN D PIETTE (Int Med-General Medicine)  
\$60,000 11/01/2010 - 10/31/2011

*IPA Shirley A Terlecki*

FREDERIC C BLOW (Psych HlthSvc Outcome Research)  
\$86,881 05/15/2011 - 04/30/2012

**Wayne State University***Necrotizing Enterocolitis Surgery Trial (NEST)*

JOHN D E BARKS (Pediatrics-Neonatal/Perinatal)  
\$735 04/01/2010 - 03/31/2011

*Optimizing Cooling for HIE*

JOHN D E BARKS (Pediatrics-Neonatal/Perinatal)  
\$1,660 04/01/2010 - 03/31/2011

*RECHARGE High Throughput (Chen WSU start-up)*

WILLIAM CLAY BROWN (Life Sciences Institute-Admin)  
\$1,610 02/01/2011 - 07/31/2011

**Wilson, Woodrow, National Fellowship Foundation**

*W.K. Kellogg Woodrow Wilson Michigan Teaching Fellows Program*

RALPH CHARLES DERSHIMER (SOE-Educational Studies)

with ALEJANDRO URIBE-AHUMADA

ANDREW FALK

ASHLEY MILLER

BETH M GRZELAK

BRADFORD G ORR

DEBORAH E GOLDBERG

EILEEN F BRUSSOLO

ELENA GODIN

JAMES PAUL HOLLOWAY

JENNY DEMONTE

JOAN E MCCOY

JOSEPH S KRAJCIK

MARK M BANASZAK HOLL

MARY BETH DAMM

MATTHEW STEPHEN RONFELDT

MICHAEL S DUBIN

PAMELA A RAYMOND

PATRICIO G HERBST

ROBERT RICHARD GEIER

SHARI L SAUNDERS

TIMOTHY ARTHUR BOERST

\$500,000 07/01/2010 - 06/30/2012

**Yale University**

*Young Women with Acute Myocardial Infarction, VIRGO Extension*

ELIZABETH JACKSON (Int Med-Cardiology)

\$5,000 06/01/2011 - 05/01/2014