

AWARDS ESTABLISHED  
Research and Other Sponsored Activities  
July 1, 2011 through April 30, 2012

**Received by the Regents  
May 17, 2012**

The awards detailed in this list were established July 1, 2011 through April 30, 2012. 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 2011	Number of Awards FY 2012	% Change	Value of Awards FY 2011	Value of Awards FY 2012	% Change
Total Awards Processed (April)	213	189	-11.3 %	\$ 62,820,434	\$ 53,214,231	-15.3%
Research Awards	156	130	-16.7%	\$ 57,957,763	\$ 39,865,256	-31.2%
Research Training	9	10	11.1%	\$ 2,930,749	\$ 7,618,333	159.9%
Other Sponsored Activity	48	49	2.1%	\$ 1,931,922	\$ 5,730,645	196.6%
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Total Awards Processed Fiscal Year to Date	2,415	2,368	-1.9%	\$ 912,605,107	\$ 890,635,412	-2.4%
Research Awards	1,721	1,616	-6.1%	\$ 784,232,217	\$ 797,948,697	1.7%
Research Training	120	118	-1.7%	\$ 48,397,914	\$ 32,672,213	-32.5%
Other Sponsored Activity	574	634	10.5%	\$ 79,974,976	\$ 60,014,502	-25.0%

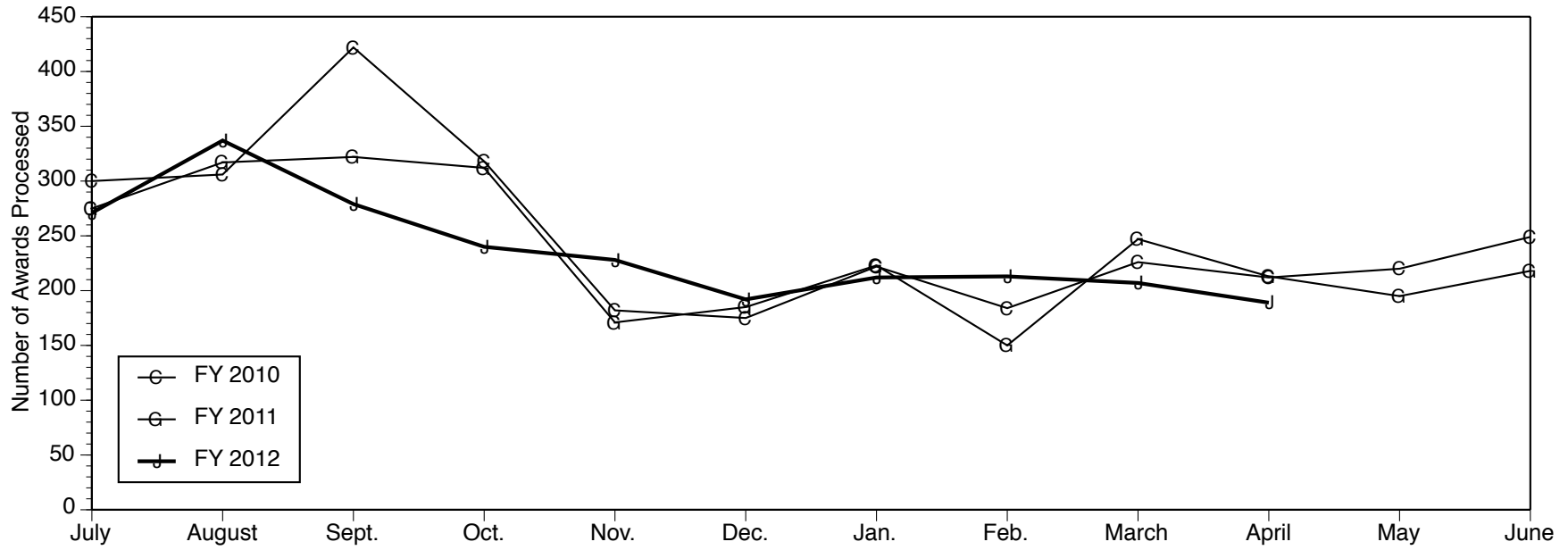
The number of total awards processed and their corresponding dollar value in April continue the decline witnessed last month. The decline in dollar value is caused by the paralleling decline in the number of awards processed and not by the receipt of any large award over the last two months. As a result the year-to-date number and dollar totals of total awards have moved slightly into negative territory. It should be noted that the largest award received through the third quarter of FY 2012 is valued at \$82.6 million. The largest award received through the third quarter of FY 2011 was \$40.5 million.

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

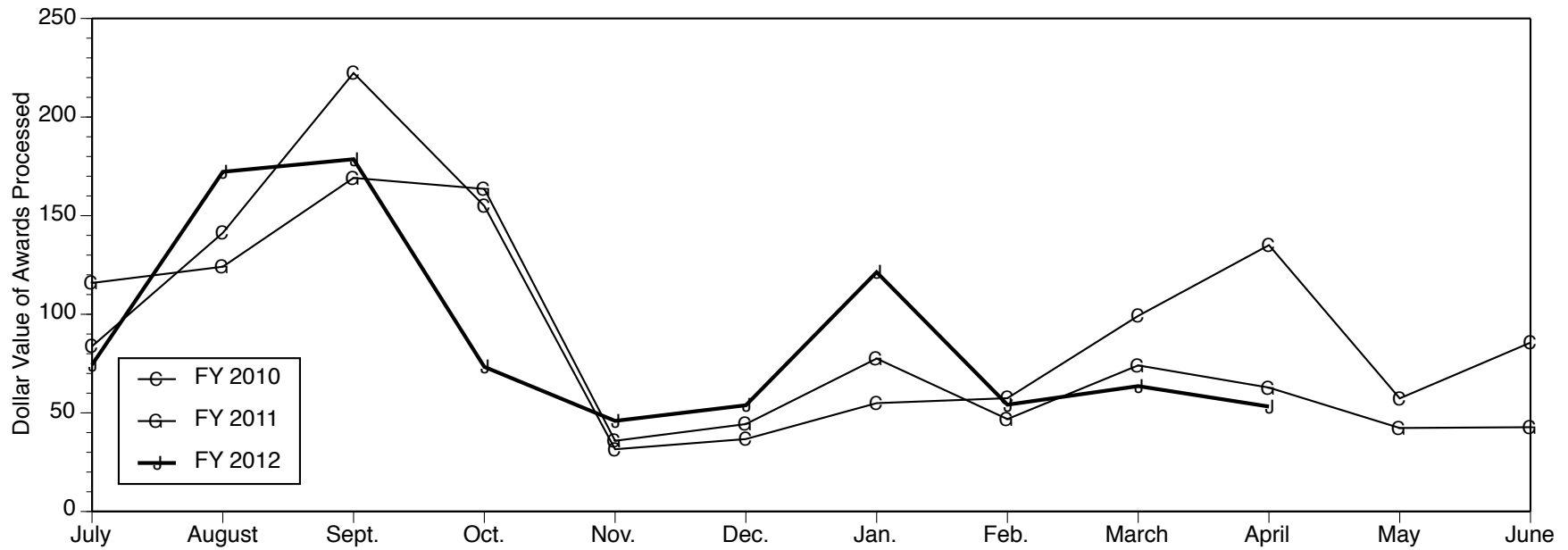
	Federal Expendable Restricted	Other Funds	Total Expenditures
March 2012	\$ 588,170,643	\$ 335,722,234	\$ 923,892,877
March 2011	\$ 609,383,558	\$ 292,188,889	\$ 901,572,447
Percent Change	-3.5%	14.9%	2.5%

Source: Office of Research and Sponsored Projects

**Number of Awards Processed**



**Dollar Value of Awards Processed**



Data Source: Office of Research and Sponsored Projects

# AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

**April 01, 2012 through April 30, 2012**

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.

## **Allergan Pharmaceuticals, Inc.**

*In vitro study of the irradiation effect on SeriScaffold surgical scaffold*

MATS E D LJUNGMAN (Radiation Oncology - Ann Arbor)

\$3,000 03/26/2012 - 06/25/2013

## **American Association of Orthodontists Foundation**

*Central Biologic Mechanisms of FGFR-Associated Craniosynostosis*

NAN E HATCH (DENT Orthodontics)

\$25,000 07/01/2012 - 06/30/2013

*Educational Innovation in Orthodontics: A Novel Multicenter*

*Faculty Career Enrichments in Orthodontics (FACEs in Orthodontics) Consortium*

RICHARD S CONLEY (DENT Orthodontics)

SUNIL D KAPILA (DENT Orthodontics)

\$49,775 07/01/2012 - 06/30/2013

## **American College of Rheumatology Research & Education Foundation**

*Biopsychosocial & Metabolic differences between Tophaceous & Non-Tophaceous Gout*

PUJA KHANNA (Int Med-Rheumatology)

\$32,292 10/01/2011 - 05/31/2012

## **American College of Surgeons**

*An Integrated Approach Towards Targeted Therapy for Prostate Cancer and Other Epithelial Cancers*

ALFRED E CHANG (GSA - Surgical Oncology (SON))

\$60,000 07/01/2012 - 06/30/2014

## **American Council of Learned Societies**

*Musicological Research and Writing: 17th Century Opera*

LOUISE K STEIN (School of Music)

\$65,000 07/01/2012 - 06/30/2013

## **American Gastroenterological Association**

*American Gastroenterological Association (AGA) Inservice Exam 2011*

JAMES T FITZGERALD (Med Ed/Ofc of Ed Resources&Res)

\$48,785 01/01/2011 - 12/31/2011

## **American Legacy Foundation**

*Tobacco DATTA*

KENNETH E WARNER (Health Management and Policy)

\$40,000 01/01/2012 - 12/31/2012

*Workshop on Tobacco End-Game Strategies*

KENNETH E WARNER (Health Management and Policy)

\$39,956 03/01/2012 - 08/31/2012

**American University of Beirut (AUB)**

*AUB Data Collection Methods Training*

BETH-ELLEN PENNELL (Survey Research Organization)

\$5,000 04/01/2012 - 04/30/2012

**Amgen, Inc.**

*Amendment 5: Addl Patients 2008.081: An Open-label, Multi-center, Phase 2 Study of Denosumab in Subjects with Giant Cell Tumor of Bone*

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$116,512 04/05/2012 - 04/04/2016

**Ascenta Therapeutics**

*A PHASE I, OPEN LABEL, MULTI-CENTER, DOSE ESCALATION STUDY OF THE SAFETY, TOLERABILITY, PHARMACODYNAMIC AND PHARMACOKINETIC PROPERTIES OF ORALLY ADMINISTERED AT-406 IN PATIENTS WITH ADVANCED SOLID TUMORS AND LYMPHOMAS*

DAVID C SMITH (CTO-Phase 1)

\$14,875 12/08/2010 - 09/30/2012

**Association for Continuing Education (ACE)**

*Understanding the role of context in modulating drug reward*

TERRY E ROBINSON (LSA Psychology)

\$10,000 04/01/2012 - 03/31/2013

*Understanding the role of context in modulating drug reward*

TERRY E ROBINSON (LSA Psychology)

\$5,000 04/01/2012 - 03/31/2013

**Bayer Corporation**

*Amendment to Gadobutrol-enhanced MRA study of the supra-aortic vessels (GEMSAV)*

GAURANG V SHAH (Department of Radiology)

\$3,750 08/14/2011 - 07/13/2013

**Blue Cross Blue Shield of Michigan Foundation**

*Comorbidities of Lichen Sclerosus*

HOPE K HAEFNER (Obstetrics and Gynecology Dept)

\$10,000 04/01/2012 - 03/31/2013

**Bosch-Rexroth Corporation**

*Hydraulic Hybrid Modeling for Optimum Configuration of a Power-Split System for Large Commercial Vehicles*

HUEI PENG (Mechanical Engineering)

\$160,560 01/01/2012 - 12/31/2012

**Brigham and Women's Hospital**

*HPS 3 / TIMI 55: REVEAL (Randomized Evaluation of the Effects of Anacetrapib through Lipid-modification): A large-scale, randomized placebo-controlled trial of the clinical effects of anacetrapib among people with established vascular disease*

MELVYN RUBENFIRE (Int Med-Cardiology)

\$12,000 11/01/2011 - 04/30/2012

*Evaluating Cardiometabolic and Sleep Health Benefits of a Workplace Intervention*

YI LI (Biostatistics Department)

\$76,169 02/01/2012 - 01/31/2013

**California State University**

*Identification (or "Discovery and optimization") of antibacterial natural product compounds using target-specific sensitized Acinetobacter baumannii strains.*

DAVID H SHERMAN (Life Sciences Institute)

\$126,000 02/01/2012 - 01/31/2015

**Cattell, James McKeen Fund**

*Research methods training to determine identity and connections of neurons*

MARTIN FRIEDRICH SARTER (LSA Psychology)

\$37,500 09/01/2012 - 08/31/2013

**Commerce, Department of-National Institute of Standards & Technology**

*FY 2012 Summer Undergraduate Research Fellowship- NIST SURF: Sean Collins*

MASATO KOREEDA (LSA Chemistry)

\$8,281 05/01/2012 - 09/30/2012

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

*NHIS ACASI Project (Demographic Surveys Division IPA)*

MICK P COUPER (SRC-Survey Methodology Prog)

\$76,766 03/12/2012 - 03/31/2013

**Community Foundation for Southeastern Michigan**

*The Boyle Family Fund of the Community Foundation*

SUSAN JANE PRESSLER (SON-Grants)

\$12,500 12/16/2011 - 03/31/2017

**Conquer Cancer Foundation of ASCO**

*Genetic Analysis of Multiple Colon Neoplasias in a Novel 5q Deletion Syndrome: Unveiling the Molecular Evolution of Synchronous Colon Cancer and the Implications for Rational Therapy Design.*

KATHLEEN A COONEY (Int Med-Hematology/Oncology)

\$50,000 07/01/2012 - 06/30/2013

**Converteam Naval Systems, Inc**

*Real-time Model Predictive Control for Shipboard Power and Energy Management*

JING SUN (Naval Arch & Marine Dept)

\$61,000 02/02/2012 - 12/22/2012

**Cornerstone Therapeutics**

*A Comparison of Immediate Changes in Pulmonary Compliance between Curosurf and Survanta in Preterm Infants with Respiratory Distress Syndrome*

STEVEN M DONN (Pediatrics-Neonatal/Perinatal)

with MOHAMMAD ALI ATTAR

\$105,604 01/09/2012 - 01/08/2017

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

*Semi-inner-products in Banach Spaces with Applications to Regularized Learning, Sampling, and Sparse Approximation*

JUN ZHANG (LSA Psychology)

with ANNA CATHERINE GILBERT

\$79,565 05/01/2012 - 01/31/2013

**Defense, Department of-National Security Agency**

*Conference on Long-Range Dependence Self-Similarity, and Heavy Tails*

STILIAN ATANASOV STOEV (LSA Statistics)

\$13,000 04/09/2012 - 04/08/2013

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

*Strategies for Developing Sensors Based on Molecular Gelation and Their Application in Explosives Detection*

ANNE JENNIFER MCNEIL (LSA Chemistry)

\$185,014 07/01/2012 - 08/30/2013

ROBERT KRASNY (LSA Mathematics)

\$80,000 04/01/2012 - 09/30/2013

*EFFICIENT MODELING AND ALGORITHMS FOR DYNAMIC FORCE-LEVEL RESOURCE MANAGEMENT*

ANOUCK RENEE GIRARD (Aerospace Engineering)

with PIERRE TSHIMANGA KABAMBA

\$178,242 05/01/2012 - 10/31/2013

**Delta Dental Fund**

*Periodontal Diseases Prevention Study - Amendment 1*

WILLIAM V GIANNOBILE (DENT Periodontics and Oral Med)

\$74,627 08/01/2010 - 07/31/2012

**Denso Corporation**

*Automotive Analysis Affiliates Program*

BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)

\$7,500 05/09/2012 - 05/08/2013

**Detroit Diesel Corporation**

*Controls for Ambient Variability and Fuel Flexibility in Heavy Duty Diesel Engines*

ANNA G STEFANOPOULOU (Mechanical Engineering)

\$154,080 02/07/2012 - 02/06/2013

**Duke University**

*Trend and Trajectories of Oral Health among Older Americans: Cognitive Function*

JERSEY LIANG (Health Management and Policy)

with JOAN MARIE BENNETT

\$102,543 09/02/2011 - 03/31/2012

*Implementation Science to Optimize Malaria Vector Control and Disease Management*

MARIE LYNN MIRANDA (CEHI-Children's Evn Hlth In)

\$68,383 09/01/2011 - 06/30/2012

*Accelerating Adoption of Comparative Effectiveness Research in Premature Infants*

MARIE LYNN MIRANDA (CEHI-Children's Evn Hlth In)

\$310,588 09/01/2011 - 08/31/2013

*Deiodinase Activity as a Biomarker of Response to Brominated Flame Retardants*

MARIE LYNN MIRANDA (CEHI-Children's Evn Hlth In)

\$225,083 09/01/2011 - 06/30/2013

**Endo Pharmaceuticals**

*Prediction of Impaired Survival in Bladder Cancer Patients Opting for Radical Cystectomy*

CHERYL T LEE (Urology)

with MICHAEL J ENGLISBE  
PEARL LEE

\$174,726 09/01/2011 - 03/31/2012

**Energy, Department of**

*U.S. Offshore Wind: Removing Market Barriers: Measurement and Analysis of Extreme Wave and Ice Actions in the Great Lakes for Offshore Wind Platform Design*

GUY A MEADOWS (U of M Energy Institute)

with DALE G KARR  
DAVID R LYZENGA  
LORELLE ANNISE MEADOWS  
OKEY NWOGU

\$243,010 09/30/2011 - 09/30/2012

**Environmental Protection Agency**

*Cell-Free Neurochemical Screening Assays to Predict Adverse Effects in Mammals, Fish, and Birds*

NILADRI BASU (Environmental Health Sciences)

with JESSICA HEAD

\$1,199,222 03/01/2012 - 02/28/2015

**ev3 Endovascular, Inc**

*A Clinical Database and Advancing Clinical Research*

ADITYA S PANDEY (Neurosurgery)

\$57,440 11/01/2011 - 08/31/2012

**Federal Reserve System**

*Household Financial Behavior - 2012 Supplement*

RICHARD T CURTIN (SRC-Surveys of Consumers)

\$68,092 01/01/2012 - 12/31/2012

**Flinn, Ethel and James, Foundation**

*Homefront Strong: Promoting Resiliency in Military Spouses and Families*

MICHELLE RENEE KEES (Psychiatry Child Services)

\$50,000 01/01/2012 - 12/31/2012

**Flora of North America Association**

*Taxonomic Editor for the Flora of North America Association*

RICHARD K RABELER (LSA Herbarium)

\$7,766 04/01/2012 - 03/31/2013

**Ford Motor Company**

*Models and Methods for Analysis of Defaults and Payoff Liquidation*

VIJAYAN N NAIR (LSA Statistics)

\$87,413 03/01/2012 - 02/28/2013

*Characterization of Surfaces and Interfaces of Nanomaterials*

KAI SUN (Materials Science & Engin.)

\$15,667 06/01/2012 - 12/31/2012



**Gates, Bill and Melinda, Foundation**

*Antimicrobial peptides against Mycobacteria*

ERDOGAN GULARI (Chemical Engineering Dept)

\$100,000 05/01/2012 - 10/31/2013

**Guardian Industries**

*Manufacturing of Graphene Films on Glass*

ANASTASIOS JOHN HART (Mechanical Engineering)

\$119,220 04/16/2012 - 04/15/2013

**Harvard University**

*Harlem Children's Zone Workscope Supplement*

ROBIN TEPPER JACOB (Education and Well Being)

\$129,033 07/01/2011 - 06/30/2013

*Research and policy initiatives for financial stability*

MICHAEL S BARR (Law Research Faculty Activity)

\$78,620 07/01/2011 - 12/31/2012

*Digital Public Library of America (DPLA) Financial/Business Models Workstream*

PAUL N COURANT (Library Dean - General)

\$55,000 10/19/2011 - 10/18/2012

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

*Ryan White Part C Outpatient EIS Program*

POWEL H KAZANJIAN (Int Med-Infectious Diseases)

with DANIEL RICHARD KAUL

JAMES RIDDELL IV

SANDRO KURT CINTI

TEJAL N GANDHI

\$1,584,568 09/30/1996 - 12/31/2014

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

*Role of Transcriptional Corepressor CtBP1 in Prostate Cancer Progression*

SOORYANARAYANA LNU (Ctr fr Translational Pathology)

with CHRISTOPHER A MAHER

MUKESH KUMAR NYATI

SHANKER KALYANA SUNDARAM

\$1,613,315 05/01/2012 - 04/30/2017

*Training in Clinical and Basic Neuroscience*

EVA L FELDMAN (Neurology Department)

with ROGER L ALBIN

\$1,280,240 07/01/2012 - 06/30/2017

*Forging a road to personalized medicine in interstitial lung diseases*

KEVIN R FLAHERTY (Int Med-Pulm./Critical Care)

with SUSAN MURRAY

\$948,560 05/01/2012 - 04/30/2017

*Variability in Responsivity to Drug Cues*

TERRY E ROBINSON (LSA Psychology)

\$65,468 05/01/2012 - 04/30/2014

*Asymmetric chromosome strand inheritance during germline stem cell division in Drosophila*

YUKIKO YAMASHITA (Life Sciences Institute-Admin)

\$98,949 05/01/2012 - 04/30/2015

*Variation in Motivational Properties of Reward Cues: Implications for Addiction*

TERRY E ROBINSON (LSA Psychology)

with BRANDON J ARAGONA

EDWARD D ROTHMAN

J WAYNE ALDRIDGE

MARTIN FRIEDRICH SARTER

PAUL JOHN MEYER

SHELLY BETH FLAGEL

\$6,346,666 04/15/2012 - 03/31/2017

*Exploring a role for regulation of TGFbeta signaling during photoreceptor regeneration in the zebrafish neural retina*

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

\$106,132 04/01/2012 - 03/31/2014

*Best Practices in Telemedicine Symposium-Workshop*

RASHID L BASHSHUR (UMH Telemedicine Core)

\$20,000 04/01/2011 - 09/30/2012

*Social Science Training in Population Studies*

PAMELA J SMOCK (Pop Studies-Research)

\$2,999,878 05/01/2012 - 04/30/2017

*Training in the Demography and Economics of Aging*

JOHN BOUND (Pop Studies-Research)

\$2,894,435 05/01/2012 - 04/30/2017

*Brain tumor restricts developmental potential in intermediate progenitor cells*

CHENG-YU LEE (Life Sciences Institute-Admin)

\$1,673,947 05/01/2012 - 04/30/2017

*Control of iron absorption by intestinal HIF2 in iron and hematological disorders*

YATRIK M SHAH (Molec & Integrative Physiology)

\$1,331,640 04/01/2012 - 02/28/2016

*PhScN as a Potent Agent for Use with Radiation in Pancreatic Cancer*

DONNA L LIVANT (Radiation Oncology - Can Bio)

with THEODORE S LAWRENCE

\$155,500 04/01/2012 - 03/31/2014

*Infectious Links Between Psychosocial Stress and Aging*

ALLISON ELIZABETH AIELLO (Epidemiology Department)

with ANA V DIEZ ROUX

ERIN MARCELLA REES CLAYTON

\$1,762,594 04/15/2012 - 03/31/2015

*RGS modulation of 5HT1A receptor signaling in depression*

JOHN R TRAYNOR (Pharmacology Department)

with EMILY M JUTKIEWICZ

QIN WANG

\$427,625 04/04/2012 - 03/31/2014

*Pharmacology of Dopamine Release by Amphetamine*

MARGARET E GNEGY (Pharmacology Department)

with BIPASHA GUPTARROY  
EMILY M JUTKIEWICZ  
RICHARD ROBERT NEUBIG

\$2,191,439 04/01/2012 - 03/31/2017

*Design of MEK Inhibitor Regimens for the Treatment of Pancreatic Cancer*

JUDITH LEOPOLD (Department of Radiology)

with ALNAWAZ REHEMTULLA  
BRIAN DALE ROSS  
EDGAR BEN-JOSEF  
TIMOTHY D JOHNSON

\$1,932,541 04/01/2012 - 03/31/2017

*Matrix biomarkers and compartmentalization in IPF*

ERIC S WHITE (Int Med-Pulm./Critical Care)

with FERNANDO JOSE MARTINEZ  
KEVIN R FLAHERTY  
SUSAN MURRAY

\$1,867,452 05/01/2012 - 04/30/2016

*Systems Biology of Kidney Disease*

MATTHIAS KRETZLER (Int Med-Nephrology)

\$12,000 06/01/2012 - 05/31/2013

*Optimization and Simulation of Kidney Paired Donation Programs*

JOHN D KALBFLEISCH (Biostatistics Department)

with ALAN B LEICHTMAN  
PETER XUEKUN SONG

\$1,337,081 04/25/2012 - 03/31/2016

*Rescued Secretion of Misfolded Mutant Proinsulin*

PETER ARVAN (Metabolism, Endo & Diabetes)

\$92,450 07/01/2012 - 06/30/2015

*The 18th Hemoglobin Switching Conference*

JAMES DOUGLAS ENGEL (Cell and Developmental Biology)

\$20,000 05/01/2012 - 04/30/2013

*Integrating immunology, epidemiology, and evolution to understand and control pertussis transmission*

AARON ALAN KING (LSA Ecology & Evolutionary Bio)  
PEJMAN ROHANI (LSA Ecology & Evolutionary Bio)

\$1,708,337 05/01/2012 - 04/30/2017

*Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections*

KEITH E COOK (GSA - Acute Care Surgery (ACS))

\$155,500 05/01/2012 - 04/30/2014

*Single Cell with One Particle Entry (SCOPE) for Study of HIV Infection*

WEI CHENG (PHARMACY Pharmaceutical Sci)

\$122,870 09/30/2011 - 08/31/2016

**Homeland Security, Department of**

*IPA Assignment in Cyber Security Division of Department of Homeland Security Science and Technology Directorate*

MANISH KARIR (ITCS-Merit Network)

\$150,097 04/02/2012 - 04/01/2013

**Hyundai Motor Company and Kia Motors Corporation**

*Research Training and Experience Program:  
Simulation of Automated Transmission for Shift Quality and Control*

DOHOY JUNG (Dbn Coll of Eng-Mechanical Eng)

with YI ZHANG

\$66,064 04/15/2012 - 04/14/2013

*Research Training and Experience Program: Optimization of Variable Valve System in a Gasoline Engine*

DOHOY JUNG (Dbn Coll of Eng-Mechanical Eng)

\$71,395 04/01/2012 - 03/31/2013

**IFS North America**

*NSF//UCRC IMS - Conference hosting*

JUN NI (CoE Wu Mfg Research Center)

\$2,000 05/17/2012 - 05/18/2012

**Infectious Diseases Society of America**

*Editorial Office for Clinical Infectious Diseases*

PREETI N MALANI (Int Med-Infectious Diseases)

\$37,050 01/01/2012 - 12/31/2012

**Institute of International Education**

*Research and Action: New Mobility Solutions in Beijing and Detroit - Supplement*

SUSAN ZIELINSKI (UMTRI - SMART Program)

\$50,000 03/19/2012 - 12/31/2013

**Janssen Alzheimer Immunotherapy Research and Development, LLC**

*A Phase 3 Extension, Multicenter, Double-Blind Long Term Safety and Tolerability Treatment Trial of Bapineuzumab (AAB-001, ELN115727) in subjects with Alzheimer's Disease who Participated in Study ELN115727-301 or in Study ELN115727-302.*

NANCY R BARBAS (Neurology Department)

\$301,013 02/08/2012 - 01/31/2015

**Jet Propulsion Laboratory**

*Resolving Planet-Cleared Gaps in Transitional and Pre-Transitional Disk with Near-/Mid-Infrared- & Sub-mm Interferometry*

JOHN D MONNIER (LSA Astronomy)

\$20,000 03/01/2012 - 03/01/2014

**Johns Hopkins University**

*TBCRC24-A Phase 1 Study of Veliparib Administered Concurrently with Chest Wall and Nodal Radiation Therapy in Patients with Inflammatory or Loco-regionally Recurrent Breast Cancer*

RESHMA JAGSI (Radiation Oncology - Ann Arbor)

with LORI J PIERCE

\$6,070 04/01/2012 - 09/30/2012

*MUST Trial amendment Year 8 extension*

SUSAN G ELNER (Ophthalmology & Visual Science)

\$33,893 01/01/2012 - 04/30/2012

**Johnson Controls, Inc.**

*Crash and Morphomics Data Study on Injury in Obese MVC Occupants*

STEWART C WANG (GSA - Acute Care Surgery (ACS))

\$42,565 10/06/2011 - 02/28/2012

**Johnson, Robert Wood, Foundation**

*Impacts of Public Announcements of Goals and Outcomes on Goal Completion*

PAUL J RESNICK (School of Information)

with CAROLINE R RICHARDSON

ERIN LEA KRUPKA

\$100,000 04/01/2012 - 09/30/2013

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

*Evaluation of Diabetic Retinal Sensory Neuropathy*

THOMAS GARDNER (Ophthalmology & Visual Science)

\$150,000 03/01/2012 - 12/31/2014

**JV Biolabs**

*Monoclonal antibodies to OFA: Therapeutic and diagnostic potential*

JAMES VARANI (Pathology Department)

\$301,413 04/01/2012 - 03/31/2013

**Leukemia and Lymphoma Society**

*Regulation of acute myeloid leukemia by MOF/KAT8*

YALI DOU (Pathology Department)

\$550,000 07/01/2012 - 06/30/2017

**LGMD2I Research Fund**

*Zebrafish models of congenital muscular dystrophies*

JAMES DOWLING (Pediatrics-Neurology)

\$41,829 02/01/2012 - 01/31/2013

**Lilly, Eli, and Company**

*Methods for Treatment and Analysis Dropout in Clinical Trials*

JEREMY MICHAEL GEORGE TAYLOR (Biostatistics Department)

with RODERICK J LITTLE

\$20,000 04/10/2012 - 12/31/2012

**Mac Aids Fund**

*Social Vulnerabilities & HIV/AIDS Among African American & Latino Young Men Who Have Sex With Men in Detroit Metro Area*

JOSE ARTURO BAUERMEISTER (Hlth Behavior & Hlth Ed Dept)

\$56,348 04/02/2012 - 04/01/2013

**Marsha Rivkin Center for Ovarian Cancer Research**

*Human myeloid suppressor cells maintain ovarian cancer stemness*

ILONA E KRYCZEK (Surgery Department)

\$75,000 04/01/2012 - 03/31/2013

**Mathematical Association of America**

*The Young People's Project - Michigan*

ROBERT E MEGGINSON (LSA Mathematics)

\$6,000 04/04/2012 - 08/31/2013

**Mayo Clinic**

*Genetic Determinants of Urine Lithogenicity - Yr2 Additional Funding*

SHARON REILLY KARDIA (Epidemiology Department)

\$60,000 03/01/2012 - 02/28/2013

**McFarlan Home, Inc**

*Whaley Historical House Internship*

THOMAS C HENTHORN (Flint History)

\$1,000 08/01/2012 - 12/31/2012

**Medpace, Inc**

*A Phase 3, Randomized, Double-Blind, Placebo- Controlled, Parallel Group Study to Assess the Safety and Efficacy of Two Different Regimens of Mipomersen in Patients with Familial Hypercholesterolemia and Inadequately Controlled Low-Density Lipoprotein Cholesterol*

ROBERT DANIEL BROOK (Int Med-Cardiology)

with MELVYN RUBENFIRE

\$81,204 04/22/2012 - 12/31/2013

**Mercury Data Systems**

*High-performance Personal Dead-reckoning System*

JOHANN BORENSTEIN (Mechanical Engineering)

\$114,994 04/01/2012 - 10/01/2012

**Michigan Coalition Against Domestic and Sexual Violence, The (MCADSV)**

*New Visions: Alliance to End Violence in Asian/Asian American Communities (Yr 9)*

MIEKO YOSHIHAMA (School of Social Work)

\$51,500 01/30/2012 - 01/29/2013

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

*State Burn Coordinating Center*

STEWART C WANG (GSA - Acute Care Surgery (ACS))

\$111,207 03/01/2012 - 09/30/2012

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

*Enhancing a GIS-based decision support tool for evaluating windfarm sitings in Michigan's coastal waters*

KEVIN ELDON WEHRLY (Sch of Nat Resources & Environ)

with JAMES EDWARD BRECK

\$28,500 01/01/2012 - 03/31/2013

**Michigan, State of, Michigan Council for Arts and Cultural Affairs**

*MCACA FY12 Operating Support*

JOSEPH G ROSA (General Museum)

\$15,000 01/01/2012 - 09/30/2012

**Michigan, State of, Michigan Economic Development Corporation**

*MIIE/MUCI Proposal for UTACP*

MARVIN G PARNES (Office of Technology Transfer)

with TINA IRENE BISSELL

\$2,400,000 01/01/2012 - 12/31/2013

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

*Technical Assistance Project*

CAROL ANN FLANNAGAN (UMTRI-Data Center)

with CHARLES P COMPTON

DAVID W EBY

JONATHAN DAVID RUPP

\$51,942 03/01/2012 - 09/30/2012

**Michigan, State of, Strategic Fund**

*MI GEARUP Year 1: UMD supplement*

ANN YOLANDA LAMPKIN-WILLIAMS (Dbn Enrlmt Mgmt & Student Life)

\$11,331 03/01/2012 - 09/25/2012

**Michigan State University**

*Assisted Reproductive Technology & Risk of Childhood Cancer*

MORTON B BROWN (Biostatistics Department)

\$314,620 03/01/2012 - 02/29/2016

*Developing and Testing a Model to Support Student Understanding of the Sub-Microscopic Interactions that Govern Biological and Chemical Processes (FORCES)*

SHAWN YVETTE STEVENS (SOE-Educational Studies)

with LEEANN MARIE SUTHERLAND

NAMSOO SHIN

\$71,109 09/01/2011 - 08/31/2012

**MPI Research**

*Histological Services for MPI Research Inc.*

RICHARD A ALTSCHULER (Kresge Hearing Research Inst)

\$1,878 02/02/2012 - 04/30/2013

### **National Aeronautics and Space Administration**

*Spectroscopic Diagnostics of Solar Plasmas with CHIANTI*

ENRICO LANDI (Atm, Oceanic & Space Sci.)

\$276,708 11/22/2010 - 11/21/2013

*The Rise and Fall of Globular Clusters in Hierarchical Cosmology*

OLEG Y GNEDIN (LSA Astronomy)

\$387,933 02/22/2012 - 02/21/2015

*Data Services Upgrade: A Seamless System for Accessing Upper Atmosphere Research Satellite/High Resolution Doppler Imager (UARS/HRDI) and TIMED Doppler*

WILBERT R SKINNER (Space Physics Research Lab)

with RICK J NICIEJEWSKI

\$49,881 04/01/2012 - 03/31/2013

*Michigan Space Grant Consortium*

*Proposal for the 2011 Congressionally-Directed Augmentation Opportunity for Designated Consortia*

ALEC D GALLIMORE (Aerospace Engineering)

\$215,000 06/14/2010 - 06/13/2015

### **National Bureau of Economic Research**

*Why are Some Charter Schools More Effective than Others? Econometric Methods and Empirical Evidence from Massachusetts, Michigan, and Texas.*

SUSAN MARIE DYNARSKI (G. Ford Sc Pub Pol)

\$75,050 09/01/2012 - 08/31/2013

### **National Marrow Donor Program (NMDP)**

*Amendment for CIBMTR RDSafe A Multicenter Study of Hematopoietic Stem Cell Donor Safety and Quality of Life*

JOHN E LEVINE (Pediatrics-Hematology/Oncology)

with STEVEN C GOLDSTEIN

\$6,250 02/01/2012 - 09/30/2013

### **National Science Foundation**

*Collaborative Research: Expeditions in Computer Augmented Program Engineering (ExCAPE): Harnessing Synthesis for Software Design*

STEPHANE LAFORTUNE (COE EECS - ECE - Con)

\$500,000 04/01/2012 - 03/31/2017

*Integrating Design Heuristics into Engineering Education as a Pedagogy for Ideation*

SHANNA DALY (CoE CRLT-Engin)

\$199,778 04/15/2012 - 03/31/2014

*CEDAR Collaborative Research: Development and application of a multi-site observing network to study mid-latitude thermospheric dynamics*

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

\$173,666 05/01/2012 - 04/30/2015

*Collaborative Research: SEED-PA. A Practical Instrument for Assessing Individual Ethics Initiatives*

CYNTHIA J FINELLI (CoE CRLT-Engin)

\$86,656 04/15/2012 - 03/31/2014



*Language Processing as Boundedly Optimal Control of Memory, Perception, and Action*

RICHARD L LEWIS (LSA Psychology)

with SATINDER SINGH BAVEJA

\$401,267 05/01/2012 - 04/30/2015

*Distributional Politics and Social Protection: the Fourth Module of the Comparative Study of Electoral Systems (CSES)*

NANCY E BURNS (CPS-Research)

\$298,983 08/01/2012 - 07/31/2014

*Gauging Racial Attitudes Prior to World War II*

HOWARD SCHUMAN (SRC-Survey Research Center)

with AMY DOROTHY CORNING

CHARLOTTE G STEEH

\$80,000 04/01/2012 - 03/31/2013

*Living in the Nuclear Archipelago: Cold War Technopolitics and U.S. Nuclear Submarines in Italy*

GABRIELLE HECHT (LSA History)

\$14,500 04/01/2012 - 03/31/2013

*FRG: Collaborative Research: Gromov-Witten Theory*

YONGBIN RUAN (LSA Mathematics)

\$320,000 04/01/2012 - 03/31/2015

*Problems in Algebraic Geometry*

ROBERT K LAZARFELD (LSA Mathematics)

\$670,000 07/01/2012 - 06/30/2017

*Retrospective Cost Adaptive Control of Nonlinear Systems Using Ersatz Nonlinear Models*

DENNIS S BERNSTEIN (Aerospace Engineering)

\$250,001 09/01/2012 - 08/31/2015

*Arithmetic of automorphic forms: cycles, periods and p-adic*

KARTIK PRASANNA (LSA Mathematics)

\$400,000 07/01/2012 - 06/30/2015

*Interactions between p-adic arithmetic geometry and commutative algebra*

BHARGAV BHATT (LSA Mathematics)

\$98,975 07/01/2012 - 06/30/2015

*Random Matrices and Geometric Functional Analysis*

MARK RUDELSON (LSA Mathematics)

\$198,001 07/01/2012 - 06/30/2015

*Polynomial mappings and related matters*

MICHAEL E ZIEVE (LSA Mathematics)

\$321,003 09/01/2012 - 08/31/2015

*High-Performance Vertical Nanowire Heterojunction Transistors*

WEI LU (COE EECS - ECE - SSEL)

\$300,000 06/01/2012 - 05/31/2015

*Digitization TCN: Collaborative: The Macrofungi Collection Consortium: Unlocking a Biodiversity Resource for Understanding Biotic Interactions, Nutrient Cycling and Human Affairs*

TIMOTHY Y JAMES (LSA Ecology & Evolutionary Bio)

\$455,210 07/01/2012 - 06/30/2015

*Dissertation Research: Adaptive divergence in Anopheles gambiae (with gene flow): facilitation via chromosomal inversions*

L LACEY KNOWLES (LSA Ecology & Evolutionary Bio)

\$15,000 06/01/2012 - 05/31/2014

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

STILIAN ATANASOV STOEV (LSA Statistics)

\$60,000 04/09/2012 - 07/31/2014

*Workshop at ICP 2012 Conference*

TABBYE MARIA CHAVOUS (SOE-Educational Studies)

\$39,655 04/15/2012 - 12/31/2012

*CAREER: Understanding and Controlling the Integration of Magnetism into Semiconducting Mixed Metal Chalcogenides*

PIERRE FERDINAND POUDEU-POUDEU (Materials Science & Engin.)

\$350,498 01/01/2012 - 12/31/2015

*Wideband Antennas Embedded in Armored Windows of Tactical Vehicles*

KAMAL SARABANDI (COE EECS - ECE - Rad)

with ADIB YACOUB NASHASHIBI

\$220,000 04/24/2012 - 08/31/2014

*REU Supplement: Mechanics of Intraocular Pressure Increase Associated with Genetic Factors 2012*

ALAN ARGENTO (Dbn Coll of Eng-Mechanical Eng)

\$12,000 04/18/2012 - 08/31/2014

**National Surgical Adjuvant Breast and Bowel Project (NSABP) Foundation, Inc.**

*A study to evaluate different decision-making approaches used by women known to be at high risk for breast cancer (Year 26)*

ANGELA TSAI FAGERLIN (Int Med-General Medicine)

with SARAH T HAWLEY

\$17,572 06/01/2011 - 05/31/2012

**National Trauma Institute (NTI)**

*Hepcidin and Anemia in Trauma*

LENA M NAPOLITANO (GSA - Acute Care Surgery (ACS))

\$154,109 03/30/2012 - 03/29/2013

**Oakland, County of**

*Jobs for Michigan*

GEORGE A FULTON (IRLEE)

\$30,500 03/16/2012 - 09/29/2012

**Ocuscience**

*Reproducibility & tolerability of visual tests used to evaluate non exudative AMD*

GRANT M COMER (Ophthalmology & Visual Science)

\$60,000 03/20/2012 - 09/20/2012

**Ohio State University, The**

*Various Gynecologic Oncology Group (GOG) Protocols*

CAROLYN MARIE JOHNSTON (Obstetrics and Gynecology Dept)

\$40,000 04/01/2010 - 03/31/2013

**Orapharma**

*Multi-Center Phase 3 Trial of Minocycline HCl 1mg Microspheres for the Use in Subjects with Peri-Implantitis: Clinical and Microbiological Evaluations*

WILLIAM V GIANNOBILE (DENT Periodontics and Oral Med)

with JANET SUE KINNEY

TAE-JU OH

\$126,500 04/17/2012 - 12/31/2013

**Parexel International Corporation**

*A Phase III Multi-center Randomized, Double-blind, Placebo-controlled, 52-Week Study to Evaluate the Efficacy and Safety of Subcutaneous LY2127399 in Patients with Systemic Lupus Erythematosus (SLE), protocol H9B-MC-BCDT*

WILLIAM J MCCUNE (Int Med-Rheumatology)

with TANIA GONZALEZ-RIVERA

\$181,559 04/09/2012 - 03/31/2014

**Presbyterian Villages of Michigan (PVM) Foundation**

*PVM and Hannan Foundation Strategic Alliance to Create Service Villages of Michigan*

RUTH E DUNKLE (School of Social Work)

with KAREN HARLOW-ROSENTRUB

\$200,000 12/19/2011 - 12/18/2013

**Princeton University**

*ACTPol: The Atacama Cosmology Telescope with Polarization*

JEFFREY JOHN MCMAHON (LSA Physics)

\$115,775 09/01/2011 - 08/31/2012

**Pusan National University**

*Management of microbubbles in ship wake*

STEVEN L CECCIO (Naval Arch & Marine Dept)

\$220,965 09/07/2011 - 02/28/2014

*Energy Saving Advanced Concept Propulsors*

YIN LU YOUNG (Naval Arch & Marine Dept)

\$220,965 09/07/2011 - 02/28/2014

**Registral**

*Registry study protocol P06-134, a 5-year non-interventional registry study of HUMIRA (Adalimumab) in subjects with moderately to severely active Crohn's disease (CD)*

ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)

\$19,000 06/01/2011 - 12/08/2015

**Rights and Resources Initiative (RRI)**

*Mapping Forest Cover and Poverty Globally*

ARUN AGRAWAL (CPS-Research)

\$131,497 02/01/2012 - 11/30/2012

**Robarts Clinical Trials - Robarts Research Institute**

*A Randomized Double-blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of GSK1605786A in the Treatment of Subjects with Moderately to Severely Active Crohn's Disease (GSK 151 amendment 1, additional funds)*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$12,725 04/01/2011 - 03/31/2013

*A 52 week Randomised, Double-blind, Placebo-controlled Study to Investigate the Efficacy and Safety of GSK1605786A in the Maintenance of Remission in Subjects with Crohn's Disease (GSK 157 amendment 1 additional funds)*

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$375 06/01/2011 - 05/31/2013

**Sanford-Burnham Medical Research Institute**

*RECHARGE Pathology Core (PCAR) Services - SBMRI/NIH*

JOHN ERBY WILKINSON (Lab Animal Medicine Unit)

\$538 03/01/2012 - 02/28/2013

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

*Database Management Services for SARC 005 (II)*

THOMAS PATRICK SHANLEY (MICHR - Operations)

\$6,561 01/01/2011 - 08/31/2011

**Semiconductor Research Corporation**

*Molecular Ordering and Diffusion at Buried Interfaces and Their Relations to Adhesion in Packaging*

ZHAN CHEN (LSA Chemistry)

\$99,927 06/01/2012 - 05/31/2013

*Developing Metrology to Characterize Molecular Structures of Surfaces, Buried Interfaces, and Bulk Media of Low-k Dielectrics*

ZHAN CHEN (LSA Chemistry)

\$99,927 06/01/2012 - 05/31/2013

**Seoul National University**

*Tailoring Organic Emitters for Emissive Device and Sensor Fabrication*

JINSANG KIM (Materials Science & Engin.)

\$6,000 03/01/2012 - 08/31/2012

**Sloan, Alfred P., Foundation**

*An Audit Study of the Determinants of Reemployment With Special Focus on Older Workers*

DANIEL SUSMAN SILVERMAN (SRC - Life-Cycle Economics)

\$384,514 06/01/2012 - 06/01/2014

**Solid State Scientific Corporation**

*Theoretical Basis for Band Selection Through the Treatment of Hyperspectral Analysis as Sensor Fusion Problem*

RAJESH RAO NADAKUDITI (COE EECS - ECE - Cspl)

\$61,980 04/15/2012 - 04/14/2013

**The Association of State and Territorial Health Officials (ASTHO)**

*Addressing legal barriers to the effective response to infectious disease outbreak*

PETER D JACOBSON (Health Management and Policy)

\$50,000 02/20/2012 - 05/31/2012

**The Euclid Chemical Co.**

*Fiber-Reinforced Concrete Beam Testing 2*

GUSTAVO J PARRA-MONTESINOS (Civil & Environmental Engr)

\$1,200 03/01/2012 - 03/30/2012

**TRW, Inc.**

*Analysis of NASS-CDS*

JONATHAN DAVID RUPP (UMTRI-Biosciences)

with CAROL ANN FLANNAGAN

\$2,960 03/27/2012 - 04/30/2012

**United Association of Journeymen and Apprentices**

*Towards a New Approach to UA Instructor Preparation: The Michigan Framework Continuation (2012)*

JEROME JOHNSTON (RCGD-Communication/Education)

with DONALD FREEMAN

KATHLEEN P GRAVES

\$339,416 01/01/2012 - 12/31/2012

**Universities Research Association**

*Study of Forward-Backward Asymmetry in Top Quark Production*

DANTE ERIC AMIDEI (LSA Physics)

\$18,000 05/01/2012 - 04/30/2013

**University of California - Berkeley**

*Self-sustaining Thorium Boiling Water Reactors*

THOMAS J DOWNAR (Nuclear Eng & Radiological Sci)

\$93,372 09/21/2011 - 09/30/2014

*Editorial Practices and the Web -Extension*

JULIE A HERRADA (Library Pub Svcs - Spec Collec)

\$3,600 04/01/2010 - 03/31/2013

**University of California - Los Angeles**

*Disorders of Sex Development*

DAVID ERIC SANDBERG (Pediatrics-Ambulatory Care Pgm)

\$30,449 01/01/2012 - 12/31/2012

**University of Illinois at Chicago**

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

CHRISTOPHER STEPHEN MONK (LSA Psychology)

with KATE D FITZGERALD

MARGIT BURMEISTER

NIKO KACIROTI

SCOTT J PELTIER

\$275,527 02/01/2012 - 01/31/2013

**University of North Carolina-Chapel Hill**

*Michigan College Advising Corps/NCAC 2012*

WILLIAM COLLINS (Ctr for Educational Outreach)

\$16,267 07/01/2011 - 06/30/2012

**University of South Carolina**

*Physical Activity During the Transition from Elementary School to Middle School*

NATALIE COLABIANCHI (Youth & Social Issues)

\$36,322 07/01/2011 - 02/28/2013

**University of Texas Southwestern Medical Center**

*Challenging assumptions: castration-resistance in clinical prostate cancer*

RICHARD AUCHUS (Metabolism, Endo & Diabetes)

\$8,892 01/01/2012 - 12/31/2012

**University of Wisconsin**

*Midlife Health in Japan (MIDJA) and the US (MIDUS) - MERIT Extension*

SHINOBU KITAYAMA (RCGD-General Research)

\$94,721 03/01/2012 - 01/31/2013

**Various Sponsors**

*RECHARGE: CVC Echo Recharge - External Users*

DANIEL EUGENE MICHELE (Molec & Integrative Physiology)

\$6,002 02/01/2012 - 06/30/2013

*Recharge: Child Restraint Testing*

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$9,014 03/01/2007 - 06/30/2025

**Verastem, Inc.**

*In vivo study of FAK inhibitor VS-FAK1 in the MMTV-PyVT mammary tumor model*

JUN-LIN GUAN (Int Med-Molecular Med&Genetics)

\$124,975 04/01/2012 - 03/31/2013

**Veterans Affairs, Department of**

*RECHARGE VA INSTRUMENT USE AND STAFF SUPPORT FOR EMAL*

JOHN F MANSFIELD (CoE MSE EMAL)

\$1,740 05/01/2011 - 04/30/2012

*IPA Anita Janiszewska*

ROGER L ALBIN (Neurology Department)

\$744 10/01/2011 - 10/07/2011

*Kratz - IPA Agreement*

ANNA L KRATZ (Physical Medicine & Rehab Dept)

\$4,862 09/01/2011 - 09/30/2011

*IPA Modification Joyce Spiegel*

FREDERIC C BLOW (Psych HlthSvc Outcome Research)

\$48,223 10/01/2011 - 09/30/2012

*IPA - Fen Yu (Cease)*

KEMP B CEASE (Int Med-Hematology/Oncology)

\$60,277 10/01/2011 - 09/30/2012

**Vortex Hydro Energy, LLC**

*Towing tank tests of transversely oscillating cylinder*

STEVEN FRANCIS ZALEK (Naval Arch & Marine Dept)

\$7,299 03/26/2012 - 04/06/2012

**Washington University**

*The Park-Reeves Syringomyelia Research Consortium*

CORMAC MAHER (Neurosurgery)

with HUGH J L GARTON

KARIN M MURASZKO

\$20,000 04/13/2012 - 08/31/2012

*Pharmacomechanical Catheter-Directed Thrombolysis for Acute DVT -(ATTRACT) Trial*

DAVID M WILLIAMS (Department of Radiology)

\$10,000 02/01/2012 - 03/31/2013

**Yale University**

*African American Romantic Relationships: Intimacy, Substance Use, and HIV Testing*

JAMES A CRANFORD (Psych Substance Abuse)

\$20,000 11/01/2011 - 10/31/2012