

AWARDS PROCESSED
 Research and Other Sponsored Activities
 February 1, 2009 through February 28, 2009

Received by the Regents
 March 19, 2009

The awards detailed in this list were processed February 1, 2009 through February 28, 2009. 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 received. 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 2008	Number of Awards FY 2009	% Change	Value of Awards FY 2008	Value of Awards FY 2009	% Change
Total Awards Processed (February)	194	182	(6.2%)	\$50,625,640	\$66,754,535	31.9%
Research Awards	138	132	(4.3%)	\$44,546,871	\$57,269,884	28.6%
Research Training	9	7	(22.2%)	\$3,274,435	\$662,339	(79.8%)
Other Sponsored Activity	47	43	(8.5%)	\$2,804,334	\$8,822,312	214.6%
<hr/>						
Total Awards Processed Fiscal Year to Date	1,764	1,763	(0.1%)	\$634,350,009	\$715,830,949	12.8%
Research Awards	1,273	1,294	1.6%	\$579,679,349	\$640,860,548	10.6%
Research Training	88	61	(30.7%)	\$24,824,955	\$19,329,887	(22.1%)
Other Sponsored Activity	403	408	1.2%	\$29,845,705	\$55,640,514	86.4%

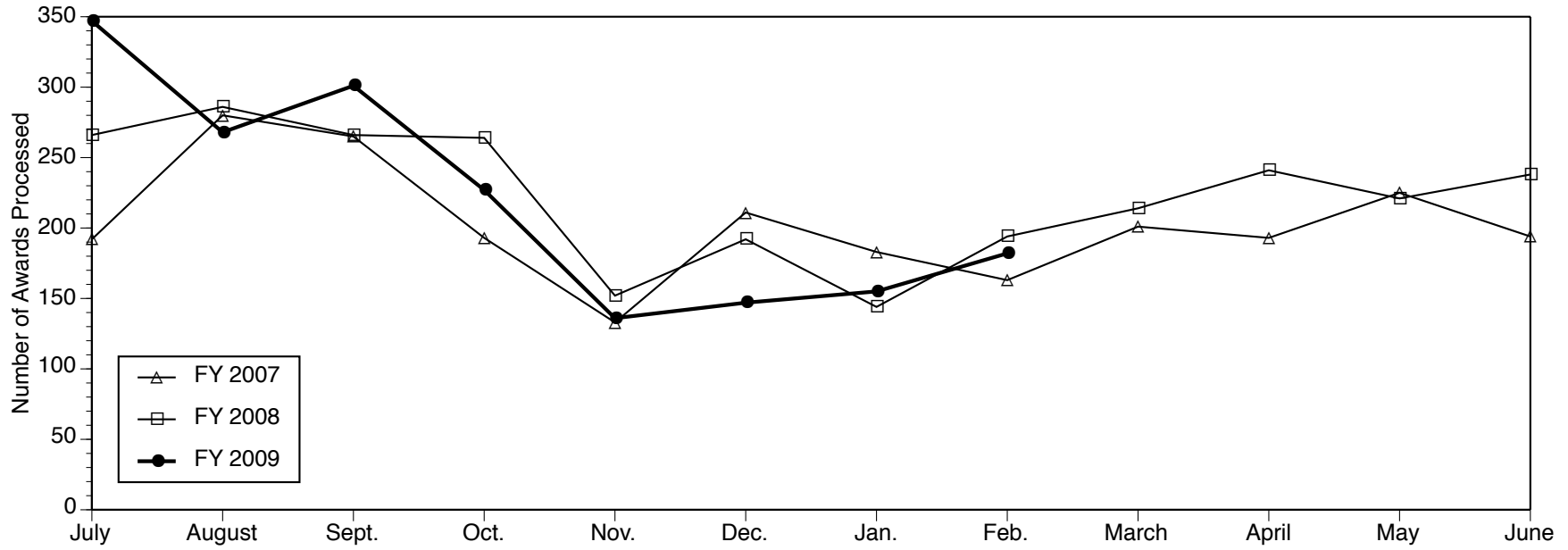
While the number of awards processed in February 2009 has dropped slightly when compared with February 2008 the total dollar value has increased. There were five more awards valued at \$1.0 million or higher processed in February 2009 than processed in the previous fiscal year. In February 2009, the largest award was valued at \$11.4 million, in February 2008 the largest was valued at \$4.4 million.

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

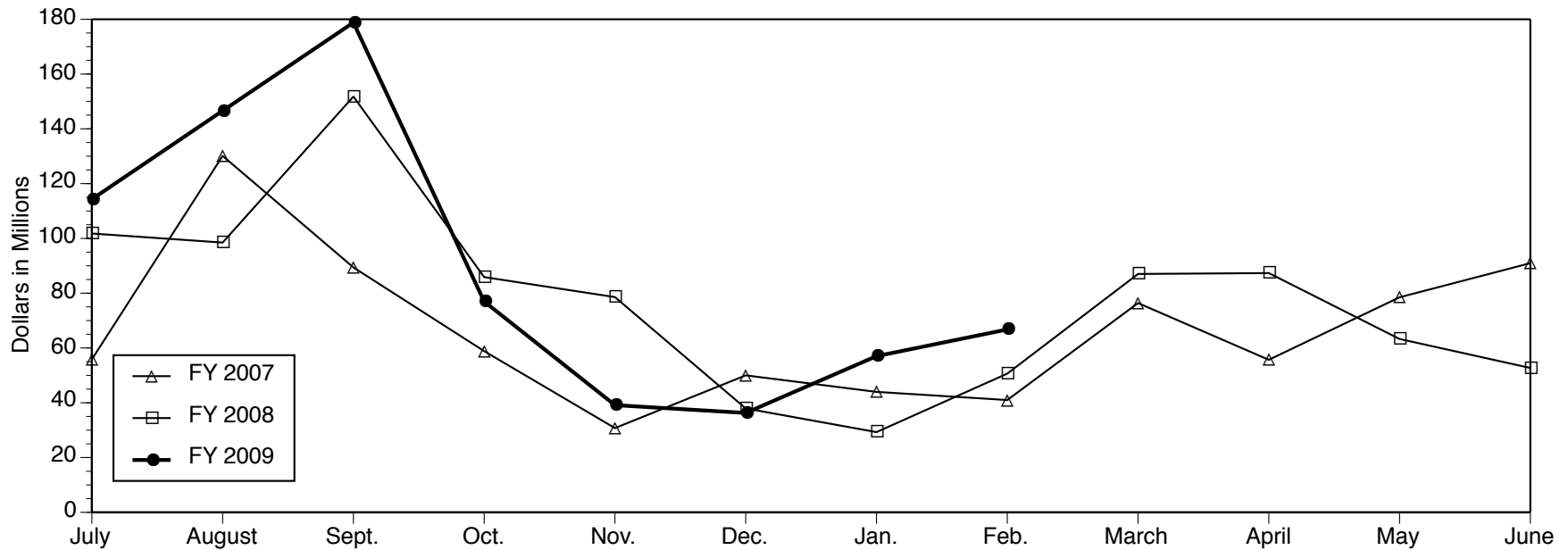
	Federal Expendable Restricted	Other Funds	Total Expenditures
January 2009	\$373,028,936	\$169,645,078	\$542,674,014
January 2008	\$359,826,102	\$137,414,527	\$497,240,629
Percent Change	3.7%	23.5%	9.1%

Source: Division of Research Development and Administration

Number of Awards Processed



Dollar Value of Awards Processed



Data Source: Division of Research Development and Administration

**PROJECTS ESTABLISHED FOR
RESEARCH AND OTHER SPONSORED ACTIVITIES**

February 1, 2009 through February 28, 2009

The projects listed here by sponsor were established during the month designated in the heading above. For each project, the listing includes the project title, the project director (and his or her unit affiliations), faculty or primary research staff participating in the project (and their unit affiliations), the amount awarded for the period, and the project period. NOTE: When more than one unit is listed for the project director, the unit responsible for the project is given first.

Acorn Cardiovascular, Inc.

UMCC 2008.044: A Double-blind, Randomized Phase 2b Study of Sorafenib Compared to Placebo When Administered in Combination with Chemotherapy for Patients with Locally Advanced or Metastatic Breast Cancer that has Progressed During or After Bevacizumab The
JEFFREY B SMERAGE (Int Med-Hematology/Oncology)
\$404,526 01/28/09 - 01/27/14

Actelion

Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy, Safety, and Tolerability of Bosentan in Patients with Idiopathic Pulmonary Fibrosis
FERNANDO JOSE MARTINEZ (Int Med-Pulm./Critical Care)
\$2,100 07/01/03 - 12/31/08

Adelson Medical Research Foundation (AMRF)

Mechanisms of Neuronal Growth Inhibition In Vitro and In Vivo
ROMAN GIGER (Cell and Developmental Biology)
\$21,719 07/01/08 - 06/30/09
Development of Monoclonal Antibodies Specific for Degenerating CNS Myelin
ROMAN GIGER (Cell and Developmental Biology)
\$24,158 07/01/08 - 06/30/09

Agriculture, Department of

Participatory Design Tools for Envisioning Nearby Nature at the Workplace
RACHEL KAPLAN (Sch of Nat Resources & Environ)
With STEPHEN KAPLAN (Sch of Nat Resources & Environ)
\$25,000 02/06/09 - 08/01/11

American College of Rheumatology Research & Education Foundation

ACR/REF Rheumatology Fellowship Training Award
RORY MARCUS MARKS (Int Med-Rheumatology)
\$25,000 07/01/09 - 06/30/10

American Diabetes Association, Inc.

Regulation of Energy and Glucose Metabolism by SH2B1 in AgRP Neurons
LIANGYOU RUI (Molec & Integrative Physiology)
\$103,500 01/01/09 - 12/31/09
New Therapeutic Targets in Diabetic Neuropathy
ANDREA M VINCENT (Neurology Department)
\$92,282 01/01/09 - 12/31/09

American Gastroenterological Association

American Gastroenterological Association (AGA) Inservice Exam
JAMES T FITZGERALD (Med Ed/Ofc of Ed Resources&Res)
\$98,800 06/01/08 - 10/31/10

American Urological Association Foundation

AUA Supplemental Funding: K-Award
WILLIAM W ROBERTS (Urology Surgery)
\$101,000 01/01/09 - 12/31/11

Amylin Pharmaceuticals, Inc.

An Open-Label Treatment Protocol to Provide Metreleptin For The Treatment of Diabetes Mellitus and/or Hypertriglyceridemia Associated with Lipodystrophy
ELIF A ORAL (Metabolism, Endo & Diabetes)
\$102,300 01/22/09 - 01/21/14

Arcus Foundation

The Michigan Racial & Economic Justice
Knowledge Center

HAROLD W NEIGHBORS (RCGD-
Black Americans)
\$150,000 01/01/09 - 12/31/10

Ardea Biosciences

Specimen Analysis: Inflammatory Arthritis in
Rodents

YEBIN JIANG (Radiology Department)
\$7,000 02/05/09 - 04/15/09

Bayer Corporation

Characterization of Pain Processing in
Endometriosis-Associated Chronic Pelvic Pain
SAWSAN AS-SANIE (Obstetrics and
Gynecology Dept)

\$110,000 01/01/09 - 12/31/10

Becton, Dickinson and Company

Determine Performance Characteristics of the BD
GeneOhm? Cdiff Assay on Fresh Stool
Specimens Compared to the C.diff CHECK
"Common Antigen" Glutamate Dehydrogenase
(GDH) EIA, Remel Prospect Toxin A/B EIA and
Cytotoxicity Neutralization Assays

DUANE W NEWTON (Pathology
Department)
\$2,500 02/01/09 - 07/31/09

Bishop, A.G., Trust

Super Science Friday

RENEE COLEEN ZIENTEK (Flint
University Outreach)
\$15,000 11/18/08 - 11/17/13

**Blue Cross Blue Shield of Michigan
Foundation**

The Impact of the CMS Hospital-Acquired
Conditions Initiative for Michigan Patients and
Hospitals

LAURENCE F MCMAHON JR (Int Med-
General Medicine)
With MARY A ROGERS (Int Med-
General Medicine)
\$208,728 04/06/09 - 04/05/11

Translating Healthcare-Associated Research Into
Practice Survey

SANJAY K SAINT (Int Med-General
Medicine)
\$75,000 02/01/09 - 01/31/10

Boehringer Ingelheim, Ltd.

A Randomized Double-Blind Placebo-Controlled
Parallel Group Study to Investigate the Safety and
Efficacy of Two Doses of Tiotropium Bromide
(2.5 ug and 5 ug) Administered Once Daily Via
the Respimat Device for 12 Weeks in Patients
with Cystic Fibrosis

SAMYA Z NASR (Pediatrics-Pulmonary
Medicine)

With MANUEL ARTETA (Pediatrics-
Pulmonary Medicine); AMY G
FILBRUN (Pediatrics-Pulmonary
Medicine)
\$120,190 01/27/09 - 01/26/10

Brookings Institution

Explaining Trends in College Attendance

MARTHA J BAILEY (Pop Studies-
Research)

With SUSAN MARIE DYNARSKI
(Pop Studies-Research)
\$10,000 12/01/08 - 12/31/09

Celgene Corporation

CC-4047-STSAR-001

SCOTT M SCHUETZE (Int Med-
Hematology/Oncology)
\$7,750 03/01/08 - 09/19/08

Child Neurology Foundation

Therapeutic Rescue in a Model of Multi Minicore
Myopathy

JAMES DOWLING (Pediatrics-
Neurology)

With EVA L FELDMAN (Pediatrics-
Neurology)
\$100,000 01/01/09 - 12/31/10

Rewarming After Therapeutic Hypothermia in
Neonates

RENEE ADELE SHELLHAAS
(Pediatrics-Neurology)

With JOHN D E BARKS (Pediatrics-
Neurology)
\$100,000 01/01/09 - 12/31/10

Children's Hospital of Pittsburgh

A Multi-Center Study of Acute Liver Failure
(Year 4 Subcontract)

MACLOVIO JAMES LOPEZ (Pediatrics-
Gastroenterology)

\$30,400 09/01/08 - 08/31/09

Commerce, Department of-National Oceanic and Atmospheric Administration
Michigan Sea Grant College Program - Dean John A. Knauss Fellowship FY09 - S. Ledwin
JENNIFER READ (SNRE Michigan Sea Grant)
\$43,500 02/01/09 - 01/31/10

Commerce, Department of-Office of the Secretary
Great Lakes Trade Adjustment Assistance Center
SCOTT DAVID JACOBS (IRLEE)
\$1,146,791 02/01/09 - 01/31/10

Cyber-enabled Wireless Monitoring Systems for the Protection of Deteriorating National Infrastructure Systems
JEROME P LYNCH (Civil & Environmental Engr)
With MICHAEL FLYNN (Civil & Environmental Engr); AMIT K GHOSH (Civil & Environmental Engr); VINEET RAJENDRA KAMAT (Civil & Environmental Engr); VICTOR C LI (Civil & Environmental Engr); MINGYAN LIU (Civil & Environmental Engr); AMIR MORTAZAWI (Civil & Environmental Engr); KHALIL NAJAFI (Civil & Environmental Engr); ATUL PRAKASH (Civil & Environmental Engr); DENNIS MICHAEL SYLVESTER (Civil & Environmental Engr)
\$11,387,858 02/01/09 - 01/31/14

Community Foundation for Southeastern Michigan
Michigan Initiative for Innovation and Entrepreneurship
MARVIN G PARNES (DRDA - Research Services)
\$1,500,000 02/01/09 - 12/31/09

Community Foundation of Greater Flint
American Democracy Project 2008-Campus/Community Engagement
RENEE COLEEN ZIENTEK (Flint University Outreach)
\$10,000 10/01/08 - 12/09/09

Corporation for Public Broadcasting
Community Service Grant - 2009
STEPHEN SCHRAM (Michigan Television)
With JENNIFER BETH WHITE (Michigan Television)
\$336,307 10/01/08 - 09/30/10
'08 -'09 Radio Equipment Project
STEPHEN SCHRAM (Michigan Radio)
\$10,080 11/25/08 - 01/31/10
Interconnectivity Grant 2009, Michigan Television
STEPHEN SCHRAM (Michigan Television)
\$6,907 10/01/08 - 09/30/10

Creekside Community Development
Grantee Support MI AmeriCorps Partnership - 2008-10
MARGARET E DEWAR (Community Service Learning)
\$2,190 09/01/08 - 05/31/10

CTI Clinical Trial and Consulting Services
Quark.006 Controlled, Randomized, Prospective, Double-blind, Multi-center, Phase I/II, Dose-escalation Study of the Safety, PK, and Clinical Activity of 15NP for Prophylaxis of Delayed Graft Function in Patients Undergoing Deceased Donor Kidney Transplant
RANDALL S SUNG (General Surgery Section)
\$72,416 01/26/09 - 12/31/10

CU Aerospace, LLC
International Electric Propulsion Conference 2009
ALEC D GALLIMORE (Aerospace Engineering)
\$500 08/25/08 - 01/10/10

Cystic Fibrosis Foundation
Burkholderia Cepacia Reference Laboratory and Repository (Year 13)
JOHN J LIPUMA (Pediatrics-Infectious Diseases)
\$393,604 03/01/09 - 02/28/10

Dana, Charles A., Foundation

Th 17 Polarization and Trafficking in Multiple Sclerosis

BENJAMIN M SEGAL (Neurology Department)

With DANIEL D MIKOL (Neurology Department); ASHOK SRINIVASAN (Neurology Department)
\$200,000 10/01/07 - 09/30/10

Defense, Department of-Air Force, Department of the

Temporary Vascular Shunting in a Porcine (Sus Scrofa) Model of Extremity Vascular Injury and Ischemia Reperfusion: Impact of Shunt Timing, Venous Shunting and Therapeutic Shunting.

JONATHAN L ELIASON (Vascular Surgery Section)

\$83,720 08/29/08 - 05/29/09

Application of Cavity Ring-down Spectroscopy for Hall Thruster Erosion Measurements

ALEC D GALLIMORE (Aerospace Engineering)

\$90,000 12/01/08 - 12/01/09

Defense, Department of-Army, Department of the

Analysis of Glycan Structural Modifications to Identify Improved Biomarkers for Breast Cancer Detection

DAVID E MISEK (General Surgery Section)

\$569,942 01/15/09 - 04/14/12

Defense, Department of-Navy, Department of the

On Demand Custom Body Implant and Prosthesis FY08-09

PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)

With ARMEN ZAKARIAN (Dbn Coll of Eng-Mechanical Eng)
\$2,950,740 01/30/09 - 01/29/11

Delta Dental Fund

Salivary Biomarkers for the Diagnosis and Surveillance of Head and Neck Cancer

CAROL ANNE MURDOCH-KINCH (Maxillofacial Surgery)

With NISHA J D'SILVA (Maxillofacial Surgery)

\$24,375 01/01/09 - 12/31/09

Periodontal Treatment and Medical Care Costs in an Insured Group (Delta Dental Plan/Michigan State University Employees)

GEORGE WESLEY TAYLOR (Cariology, Restor Sci & Endo)

\$164,380 11/01/08 - 10/31/09

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

GEORGE WESLEY TAYLOR (Cariology, Restor Sci & Endo)

\$59,000 01/01/09 - 12/31/09

Detroit Area Pre-College Engineering Program (DACEP)

Detroit Area Pre-college Engineering Program (DAPCEP)

KENSALL D WISE (COE EECS - ECE - WIMS - ERC)

\$16,800 02/26/08 - 12/31/08

Detroit Recovery Project

Grantee Support MI AmeriCorps Partnership - 2008-10

MARGARET E DEWAR (Community Service Learning)

\$7,200 09/01/08 - 05/31/10

Dow AgroSciences

Zinc-Finger-Mediated Gene Targeting in Plant Cells

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

\$94,200 04/01/08 - 04/01/10

Eastern Michigan Environmental Action Council

Grantee Support MI AmeriCorps Partnership - 2008-10

MARGARET E DEWAR (Community Service Learning)

\$3,600 09/01/08 - 05/31/10

Education, Department of

The World of Words: An Embedded Multimedia Vocabulary Intervention for Economically Disadvantaged Pre-K Children

SUSAN B NEUMAN (SOE-Educational Studies)

\$1,511,155 03/01/09 - 02/28/12

Energy, Department of

A Study of Horizontal Gas Jets in a Bubbling Fluidized Bed of Non-Spherical Particles

STEVEN L CECCIO (Mechanical Engineering)

\$297,219 01/01/09 - 01/18/11

Strategies to Optimize Microbially-mediated Mitigation of Greenhouse Gas Emissions from Landfill Cover Soils

JEREMY D SEMRAU (Civil & Environmental Engr)

\$156,259 07/01/07 - 06/30/10

Enzon Corporation

Multidisciplinary Approach to Treatment of CNS and Leptomeningeal Lymphoma

LISA ROGERS (Neurology Department)

\$17,500 05/16/08 - 12/03/08

Fahs-Beck Fund for Research and Experimentation

Addressing Both Domestic Violence and Substance Abuse: Integrating Approaches in Contested Spaces

BETH G REED (School of Social Work)

\$19,040 03/01/09 - 02/28/11

Flinn, Ethel and James, Foundation

Enhancing the Sustainability of Depression Disease Management Support for Primary Care

MICHAEL S KLINKMAN (Department of Family Medicine)

With ANANDA SEN (Department of Family Medicine)

\$200,000 01/01/09 - 12/31/10

Flint Community Schools

Ready to Learn/Even Start Partnership with Flint Community Schools

JENNIFER BETH WHITE (Michigan Television)

\$6,343 07/01/08 - 06/30/09

Florida, State of

DEP Contract SP673 - Mercury TMDL Task Assignment 5 - Atmospheric and Aquatic Modeling

GERALD J KEELER (Environmental Health Sciences)

With JOSEPH T DVONCH (Environmental Health Sciences);

FRANK JOSEPH MARSIK (Environmental Health Sciences); M

SANFORD SILLMAN

(Environmental Health Sciences)

\$417,299 02/06/09 - 12/31/09

Ford Motor Company

Automated Knowledge Acquisition/Testing and Training Tool

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

With NAEEM ABBAS SELIYA (Dbn Col of Eng-Computer & Info);

ZHIWEI XU (Dbn Col of Eng-Computer & Info)

\$61,999 01/01/09 - 12/31/09

Franklin Associates Ltd

Life Cycle Assessment Water Bottles

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

\$10,000 06/30/08 - 04/02/09

General Motors Corporation

GM/UM CRL Engine Systems 09-13 Phase III - Grant

DIONISSIOS N ASSANIS (ME GM)

With ARISTOTELIS

BABAJIMOPOULOS (ME GM);

STANI V BOHAC (ME GM);

ZORAN S FILIPI (ME GM);

VOLKER SICK (ME GM)

\$1,875,000 01/01/09 - 12/31/13

GM/UM CRL Engine Systems 09-13 Phase III/Contract

DIONISSIOS N ASSANIS (ME GM)

With ARISTOTELIS

BABAJIMOPOULOS (ME GM);

STANI V BOHAC (ME GM);

ZORAN S FILIPI (ME GM);

VOLKER SICK (ME GM)

\$1,874,999 01/01/09 - 12/31/13

Battery Development for Automotive Drivetrains:
A Technology Development Program at the
University of Michigan - Grant

ANN MARIE SASTRY (Mechanical
Engineering)

\$2,000,000 01/01/09 - 12/31/13

The UM-GM Advanced Battery Coalition for
Drivetrains: A Technology Center at the
University of Michigan - Contract

ANN MARIE SASTRY (Mechanical
Engineering)

With WEI LU (Mechanical
Engineering); WEI SHYY
(Mechanical Engineering)

\$3,000,000 02/16/09 - 02/15/14

Georgia Institute of Technology

MRSEC: The Georgia Tech Laboratory for New
Electronic Materials

THEODORE B NORRIS (COE EECS -
ECE - USL)

\$58,000 09/01/08 - 08/31/14

Harvard Pilgrim Health Care

Joint Initiative for Vaccine Economics III [JIVE
III]

LISA PROSSER (Pediatrics-Ambulatory
Care Pgm)

\$51,217 10/17/08 - 09/29/09

Joint Initiative for Vaccine Economics III (JIVE
III) (Yr 1 carry forward)

LISA PROSSER (Pediatrics-Ambulatory
Care Pgm)

\$49,179 01/10/09 - 09/29/09

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

Repeated Partial Sleep Deprivation to Augment
SSRI Response in Depression

J TODD ARNETT (Psychiatry
Depression Center)

With ROSEANNE ARMITAGE
(Psychiatry Depression Center);
SCOTT A LANGENECKER
(Psychiatry Depression Center);
ELIZABETH A YOUNG (Psychiatry
Depression Center)

\$1,738,125 03/01/09 - 12/31/13

Supplement Request to: DNA-linked Dendrimer
Nanoparticle Systems for Cancer Diagnosis and
Treatment (R01 CA119409)

JAMES R BAKER JR (MI
Nanotechnology Institute)

\$50,000 08/01/08 - 07/31/09

Development of the Gustatory Solitary Nucleus
ROBERT M BRADLEY (Biologic and
Materials Science)

With CATHERINE ELLEN KRULL
(Biologic and Materials Science);

CHARLOTTE M MISTRETTA
(Biologic and Materials Science)

\$1,627,665 03/01/09 - 02/28/14

Comprehensive Genomic Approach to Rare
Hearing Disorders and Ataxia

MARGIT BURMEISTER (Molecular &
Behav Neurosc Inst)

With MARCI M LESPERANCE
(Molecular & Behav Neurosc Inst);

JUN LI (Molecular & Behav Neurosc
Inst)

\$424,875 02/12/09 - 01/31/11

Growth Hormone Receptors and Actions -
Research Supplement to Promote Diversity in
Health Research

CHRISTIN CARTER-SU (Molec &
Integrative Physiology)

\$163,577 02/01/09 - 06/30/11

The Effect of Aging on Sensory Neurons in C.
Elegans Using In Vivo Imaging

NIKOLAOS CHRONIS (Mechanical
Engineering)

\$343,977 02/01/09 - 01/31/11

3-Dimensional Proteolytic Regulation of Adipose
Tissue Development and Function

TAE-HWA CHUN (Metabolism, Endo &
Diabetes)

\$398,358 07/01/09 - 06/30/12

Michigan Postbaccalaureate Research Education
Program

DAVID R ENGELKE (MSA PIBS)

With KATHARINE FRANCESCA
BARALD (MSA PIBS); LORI L
ISOM (MSA PIBS)

\$1,338,568 03/01/09 - 02/28/13

Towards Pay for Performance in Kidney Transplantation
MICHAEL J ENGLERBE (General Surgery Section)
With JOHN D BIRKMEYER (General Surgery Section); ROBERT MARK MERION (General Surgery Section)
\$669,600 04/01/09 - 03/31/14

2009 International Peripheral Nerve Society Meeting at Wuerzburg, Germany
EVA L FELDMAN (Neurology Department)
\$10,000 03/01/09 - 02/28/10

Mitochondrial SOD as a Target for Diabetic Neuropathy - U01 DK076160
EVA L FELDMAN (Neurology Department)
\$172,394 02/01/09 - 06/30/11

Phosphorylation of Dopamine Release by Amphetamine
MARGARET E GNEGY (Pharmacology Department)
With RONALD W HOLZ (Pharmacology Department); RICHARD ROBERT NEUBIG (Pharmacology Department)
\$57,679 03/01/09 - 06/30/10

The Role of MLL Partner Associated Complex in Leukemia
JAY L HESS (Pathology Department)
\$94,674 02/01/09 - 01/31/12

Endogenous and Exogenous Protection of the BBB in Stroke
RICHARD F KEEP (Neurosurgery)
With JIANMING XIANG (Neurosurgery); ANUSKA A ZOCHOWSKA (Neurosurgery)
\$1,687,008 02/16/09 - 01/31/14

Supplement: In Vivo Chemical Monitoring Using Capillary Separations R37 EB003320
ROBERT T KENNEDY (LSA Chemistry)
\$165,825 02/11/09 - 01/31/13

A pilot lifestyle intervention for women with histories of GDM: The PEG Study
CATHERINE KIM (Int Med-General Medicine)
With CAROLINE R RICHARDSON (Int Med-General Medicine)
\$154,500 04/01/09 - 03/31/11

The Microenvironment Effects on the Osteogenesis of Human Embryonic Stem Cells
PAUL H KREBSBACH (Biologic and Materials Science)
\$73,144 02/01/09 - 01/31/11

Subpopulations and Intermediate Outcome Measure in COPD Study SPIROMICS; Clinical Centers
FERNANDO JOSE MARTINEZ (Int Med-Pulm./Critical Care)
With MICHAEL J COFFEY (Int Med-Pulm./Critical Care); JEFFREY L CURTIS (Int Med-Pulm./Critical Care); MEILAN K HAN (Int Med-Pulm./Critical Care)
\$1,961,990 02/01/09 - 01/31/16

Archiving NHANES: Enhancing Biosocial Research Opportunities
JAMES W MCNALLY (ICPSR-Archival Development)
\$348,398 03/01/09 - 02/28/11

Keratin Biology and Disease Aspects in Simple Epithelia
BISHR OMARY (Molec & Integrative Physiology)
\$2,271,371 02/01/09 - 01/31/14

Bisphenol-A and Reproductive Dysfunction
VASANTHA PADMANABHAN (Pediatrics-Endocrinology)
\$2,037,289 02/11/09 - 11/30/13

Metabolically Coupled Ion Channel Interactions in Islets
LESLIE SATIN (Pharmacology Department)
\$620,782 07/01/08 - 11/30/10

Federal Agency - NIH: Sample Analysis/Fee for Service Transgenic
THOMAS L SAUNDERS (Biomedical Research Core Fac.)
\$212,937 06/01/08 - 05/31/10

Dietary Regulation of Pancreatic Digestive Enzymes

JOHN ANDREW WILLIAMS (Molec & Integrative Physiology)

With STEPHEN A ERNST (Molec & Integrative Physiology)

\$1,649,369 01/20/08 - 11/30/13

Quality of Life Assessment in Childhood Cancer Survivors

BRADLEY JAY ZEBRACK (School of Social Work)

\$23,714 09/01/08 - 08/31/09

Functional genomic approaches to duplicate gene evolution

JIANZHI ZHANG (LSA Ecology & Evolutionary Bio)

\$1,296,805 03/01/09 - 02/28/13

Heartware, Inc.

Evaluation of the HeartWare LVAD System for the Treatment of Advanced Heart Failure

FRANCIS D PAGANI (Cardiac Surgery Section)

With KEITH D AARONSON (Cardiac Surgery Section)

\$156,800 01/05/09 - 12/31/11

Hitachi Central Research Lab

Fault Tolerant ECU Design Using Multi-Core SoC

KANG GEUN SHIN (COE EECS - CSE - RTCL)

\$90,000 09/01/08 - 08/31/09

HopeLab

The Impact of Cancer for Young Adults Age 18-35: Measuring Outcomes and Enhancing Care for Young Adults with Cancer

BRADLEY JAY ZEBRACK (School of Social Work)

\$96,204 08/01/08 - 07/31/10

HRL Laboratories

Revolutionary Asynchronous Delay Based Integrated Circuits for Analog Learning Systems of Neuromorphic Adaptive Plastic Scalable Electronics (RADICAL-SyNAPSE)

WEI LU (COE EECS - ECE - SSEL)

With PINAKI MAZUMDER (COE EECS - ECE - SSEL)

\$227,034 01/16/09 - 07/15/09

Hybrid Design Services, Inc.

Durability/Vibration Analysis of Ultra-Capacitor Modules for Hybrid Commercial Buses

HONG-TAE KANG (Dbn Coll of Eng-Mechanical Eng)

\$40,169 12/01/08 - 05/31/09

ICON Clinical Research, Inc.

Phase I Open Label, Nonrandomized, Dose Escalation Study to Evaluate the Safety Tolerability, Pharmacokinetics, Immune Function Effects, and Efficacy of Multiple Doses of CP-675,206 in Patients with Advanced Melanoma, and Phase 2, Open Label, Randomized S

BRUCE G REDMAN (Int Med-Hematology/Oncology)

\$3,500 08/12/04 - 09/30/10

Indiana University

IBCST-Competitive Renewal of MSM:

Multiscale Studies of Segmentation in Vertebrates

SANTIAGO DAVID SCHNELL (Molec & Integrative Physiology)

\$253,611 09/01/08 - 08/31/12

Philanthropy Supplement - 2008 Data Collection (Wave 36)

FRANK P STAFFORD (SRC-Psid)

\$326,200 09/01/08 - 08/31/10

Integrated Science & Technology, Inc.

Application of Advanced Sensor Technology to DOD Soil Vapor Intrusion Problems

EDWARD T ZELLERS (Environmental Health Sciences)

\$155,299 12/02/08 - 06/30/10

Intel Corporation

High Performance Tunable Quantum Dot Laser WDM Arrays for Optical Interconnects

PALLAB K BHATTACHARYA (COE EECS - ECE - SSEL)

\$435,000 02/01/09 - 01/31/12

ITT Industries

Development of Elevation Estimation Capabilities for the Personal Dead-reckoning System

JOHANN BORENSTEIN (Mechanical Engineering)

\$60,000 12/01/08 - 05/30/09

Japanese Society of Electrophysiology

Three Dimensional Scroll Wave Dynamics
During Chronic Atrial Fibrillation
JEROME KALIFA (Int Med-Cardiology)
\$20,000 01/01/09 - 12/31/09

Jet Propulsion Laboratory

The Origin and Composition of the Solar Wind
and Interstellar Pickup Ions Using Data from the
Solar Wind Ion Composition Spectrometer
(SWICS) on the Ulysses Mission
LENNARD A FISK (Space Physics
Research Lab)
With SUSAN THERESE LEPRI
(Space Physics Research Lab);
THOMAS H ZURBUCHEN (Space
Physics Research Lab)
\$263,228 10/01/08 - 09/27/09

Kellogg, W. K., Foundation

Impact of Coalitions on Health of Vulnerable
Children
NOREEN M CLARK (Hlth Behavior &
Hlth Ed Dept)
\$50,000 01/01/09 - 12/31/09

Lawrence Berkeley National Laboratory

Meoscale Simulations of Active Materials for
High-Power Batteries: Interrogation of Failure
Mechanisms During Cycle
ANN MARIE SASTRY (Mechanical
Engineering)
\$320,000 01/01/09 - 12/31/09

Lilly, Eli, and Company

Master Service Agreement
JEREMY M G TAYLOR (Biostatistics
Department)
\$50,000 01/13/09 - 01/12/11

Livermore, Lawrence, National Laboratory

Development of an RFID Tag Using Retro-
reflective Arrays
KAMAL SARABANDI (COE EECS -
ECE - Rad)
\$11,300 02/12/09 - 04/17/09

March of Dimes Birth Defect Foundation

Synapse Formation by Fibroblast Growth Factors
in the Brain
HISASHI UMEMORI (Molecular &
Behav Neurosc Inst)
\$150,000 02/01/09 - 01/31/11

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

Building the Safety Net
MIEKO YOSHIHAMA (School of Social
Work)
\$3,000 06/01/07 - 05/31/09

Michigan Public Health Institute

Evaluation of the Juvenile Justice Prevention
Programs for the Michigan Department of Human
Services
ROSEMARY A SARRI (CPS- Ctr for
Political Studies)
\$30,720 10/01/08 - 09/30/09

Michigan State Bar Foundation

University of Michigan Law School Pediatric
Advocacy Initiative
ANNE N SCHROTH (Law Clinical
Activity)
\$25,000 09/01/07 - 09/30/08

Michigan State University

Entrepreneurship Internship Program
JOEL E RASH (Cntr for Entrpnsph and
Bus Dev)
\$3,000 08/01/08 - 12/12/09

Bulk Nanocomposites with Enhanced
Thermoelectric Properties

CTIRAD UHER (LSA Physics)
\$179,110 06/01/08 - 05/31/11

**Michigan, State of, State Police, Department of
2008 Dispatcher Training Distribution**

TERRY R SEAMES (DPS Staff Services)
\$8,928 02/01/08 - 12/31/10

Millennium Pharmaceuticals, Inc.

UMCC 2008.046 A Phase 1 Dose Escalation
Study of TAK-901 in Subjects with Advanced
Hematologic Malignancies
MOSHE TALPAZ (CTO-Phase 1)
\$693,915 11/14/08 - 05/13/10

Mott Community College

Flint Smart Teachers as Role Models (STAR)
Year 2
ROSE A CASEMENT (Flint Sch of Ed
and Human Svcs)
With TENDAJI W GANGES (Flint
Sch of Ed and Human Svcs)
\$29,004 11/01/08 - 10/31/09

Multiple Myeloma Research Consortium

First Amendment to the Multiple Myeloma
Research Consortium Site Investment Grant

ANDRZEJ J JAKUBOWIAK (Int Med-
Hematology/Oncology)

\$80,000 01/01/09 - 12/31/09

**National Association of Children's Hospitals
and Related Institutions**

NACHRI Faculty Steering Committee-Catheter
Related Blood Stream Infection Initiative

MATTHEW F NIEDNER (Pediatrics-
Intensive Care)

\$18,000 10/31/08 - 10/30/09

National Geographic Society

Expanding Access to High-quality Geographic
Professional Development

BARRY JAY FISHMAN (SOE-
Educational Studies)

\$9,954 02/25/09 - 12/31/09

**National Organization for Hearing Research,
The**

Intrinsic Thioredoxin and Glutathione Systems:
Protection Against Noise-Induced Hearing Loss

TZY-WEN L GONG (Kresge Hearing
Research Inst)

With DAVID F DOLAN (Kresge
Hearing Research Inst); MARGARET
I LOMAX (Kresge Hearing Research
Inst)

\$20,000 02/01/09 - 01/31/10

National Science Foundation

Collaborative Research: Center for Thermal
Technology

ARVIND ATREYA (Mechanical
Engineering)

\$10,000 03/01/09 - 02/28/10

Workshop on Estimating Species Trees: Practical
and Theoretical Aspects of a New Paradigm
Molecular Systematics

L LACEY KNOWLES (LSA Zoology
Museum)

\$11,400 02/01/09 - 07/31/09

CAREER: The Interaction of Nitric Oxide with
Cytochrome P450

NICOLAI LEHNERT (LSA Chemistry)

\$570,000 02/01/09 - 01/31/14

Doctoral Dissertation Improvement Grant:
Inequality and Social Exclusion in the Southern
Andes

BRUCE MANNHEIM (LSA
Anthropology)

With MARGARITA HUAYHUA
(LSA Anthropology)

\$14,998 03/01/09 - 08/31/10

Comparative Studies of the Interaction and
Ionospheric Processes at a Variety of Different
"Non-Magnetic" Solar System Bodies

ANDREW F NAGY (Space Physics
Research Lab)

With KENNETH CALVIN HANSEN
(Space Physics Research Lab)

\$303,355 02/01/09 - 01/31/12

Doctoral Dissertation Research: Domesticating
Human Rights: Examining Political Opportunities
and Consciousness in the United States

MARGARET R SOMERS (LSA
Sociology)

\$12,000 02/15/09 - 01/31/10

Collaborative Research: Advanced Models of
Magma Migration at Convergent MARGINS

PETER E VAN KEKEN (LSA Geological
Sciences)

\$56,164 02/01/09 - 01/31/11

CAREER: Programming Interfaces and Hardware
Designs for a Polymorphic Multicore Cache
Architecture

THOMAS F WENISCH (COE EECS -
CSE - ACAL)

\$400,000 02/15/09 - 01/31/14

Modern Optics in the City of Light, a
Collaborative REU Site in Paris

STEVEN M YALISOVE (COE EECS -
ECE - USL)

\$300,151 02/15/09 - 01/31/12

Financial Innovations to Stimulate Remittances
and Savings: An Experimental Approach

DEAN C YANG (G. Ford Sch of Public
Policy)

\$231,471 03/01/09 - 02/28/11

National Trust for Historic Preservation

Upper Greenhouse Boiler Engineering Analysis and Design Project

GARY S RODGERS (Dbn Henry Ford Estate)

With KAREN MARZONIE (Dbn Henry Ford Estate)

\$1,000 01/10/09 - 04/20/09

Nature Conservancy, The

Lake Huron: Developing a Biodiversity Conservation Strategy

JENNIFER READ (SNRE Michigan Sea Grant)

\$10,215 12/09/08 - 12/31/09

New York University

Beyond Bakke: The Social Origins and Political Development of Affirmative Action in College and University Admissions

ANTHONY S CHEN (LSA Sociology)

\$20,000 06/01/08 - 05/31/09

Nissan Technical Center, North America

Human Factors Research Phase 2

PAUL A GREEN (UMTRI-Human Factors)

\$225,000 03/31/08 - 03/31/09

North Carolina A & T State University

ONR/HBEC Future Engineering Faculty Fellowship Award

TRESA M POLLOCK (Materials Science & Engin.)

\$32,700 01/01/09 - 06/30/09

ONR/HBEC Future Engineering Faculty Fellowship Award

GREGORY H WAKEFIELD (COE EECS - CSE - AI)

\$35,870 01/01/09 - 06/30/09

Northwestern University

Three-Dimensional Evolution of Dendritic Mixtures

KATSUYO S THORNTON (Materials Science & Engin.)

\$82,035 08/15/08 - 08/14/09

Ovarian Cancer Research Fund, Inc., The (OCRf)

Ovarian Tumor Vascular Proteins as Biomarkers and Therapeutic Targets

RONALD J BUCKANOVICH (Int Med-Hematology/Oncology)

\$200,000 01/01/09 - 12/31/10

Panasonic Company

Modeling of HID Lamps for Development of Control Schemes

MARK KUSHNER (COE EECS - ECE - Rad)

\$302,934 01/01/09 - 12/31/11

Pennsylvania State University

Aligning Forces for Quality II

JEFFREY A ALEXANDER (Health Management and Policy)

\$147,071 05/01/08 - 04/30/09

PPD, Inc.

A Phase 2, Randomized, Double-blind, Parallel-group, Placebo-controlled Study to Investigate the Safety, Tolerability, Pharmacokinetics and Activity of GS-9450 in Adults with Non-alcoholic Steatohepatitis (NASH)

HARI S CONJEEVARAM (Int Med-Gastroenterology)

\$81,692 01/28/09 - 01/27/10

Pusan National University

U.S. Remanufacturing Market Analysis with Example of Copying Machine, and Automotive Electronics

STEVEN J SKERLOS (Mechanical Engineering)

\$13,000 01/01/09 - 06/30/09

Quintiles, Inc

A Phase 2, Double-blind, Placebo-controlled, Randomized, International, Multi-center Study of Oral TAC-101 as Second Line Treatment in Patients with Advanced Hepatocellular Carcinoma who Received Sorafenib as First Line Therapy

JORGE A MARRERO (Int Med-Gastroenterology)

\$180,060 02/03/09 - 12/31/10

Salix Pharmaceuticals, Inc

A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Assess the Efficacy and Safety of Rifaximin 550 mg TID in the Treatment of Subjects with Non-Constipation Irritable Bowel Syndrome

RICHARD J SAAD (Int Med-
Gastroenterology)

\$81,300 01/29/09 - 12/31/10

Santa Fe Institute

CDI-Type I: Statistical Inference and Machine Learning for Complex Networks

MARK E NEWMAN (LSA Physics)

\$96,705 09/01/08 - 08/31/11

Sarcoma Alliance for Research Through Collaboration (SARC)

SARC Alliance for Research Through Collaboration Medical Advisor

RASHMI CHUGH (Int Med-
Hematology/Oncology)

\$19,250 12/01/08 - 03/31/09

UMCC 2006.127 // SARC 009 (AMENDMENT No. 2): A Phase II Trial of Dasatinib in Advanced Sarcoma

SCOTT M SCHUETZE (Int Med-
Hematology/Oncology)

\$61,738 04/15/08 - 05/10/15

Seventh Sense Biosystems, Inc.

Surface Switchable Biophasic Nanocolloids

JOERG LAHANN (Chemical Engineering
Dept)

\$505,000 12/01/07 - 12/01/09

Smithsonian Institution

The Disk-Jet Connection in Seyfert-1 AGN

JON MATTHEW MILLER (LSA
Astronomy)

\$48,199 01/07/09 - 07/31/10

Southwest Detroit Business Association (SDBA)

Grantee Support MI AmeriCorps Partnership - 2007-09

MARGARET E DEWAR (Community
Service Learning)

\$1,325 09/01/07 - 05/31/09

Special Olympics, Inc.

Examining Factors Related to Motor Performance and Physical Activity in School-Aged Children With and Without Down Syndrome

DALE A ULRICH (School of
Kinesiology)

\$2,613 01/09/09 - 12/31/09

Spencer Foundation

The Future of the Public Research University in America

PAUL N COURANT (G. Ford Sch of
Public Policy)

\$26,000 01/01/09 - 06/30/09

Summer in the City

Grantee Support MI AmeriCorps Partnership - 2008-10

MARGARET E DEWAR (Community
Service Learning)

\$2,750 09/01/08 - 05/31/10

Telcordia Technologies

2009 Continuation: Developing Routing Protocols Using Static Low Duty Cycled Sensors

MINGYAN LIU (COE EECS - ECE -
Cspl)

\$25,000 12/01/05 - 09/30/09

The Hartwell Foundation

Mechanism of Neurodegeneration in Inherited Peripheral Neuropathy

MIRIAM H MEISLER (Human Genetics
Department)

\$100,000 01/01/09 - 12/31/11

The Tobin Project

On the Status of Capture Theory in the Social Sciences

STEVEN P CROLEY (Law Research
Faculty Activity)

\$5,600 12/16/08 - 08/31/09

Therakos, Inc.

Addition of Etanercept and Extracorporeal Photopheresis to Standard GVHD Prophylaxis in Patients Undergoing Reduced Intensity Unrelated Donor Hematopoietic Stem Cell Transplant

JOHN E LEVINE (Pediatrics-
Hematology/Oncology)

\$254,325 12/18/08 - 12/14/11

Timbre Technologies, Inc

Graduate Student Internship Program (Tokyo Electron)

JI ZHU (LSA Statistics)

\$45,000 09/01/08 - 08/31/09

Toyota Motor North America, Inc.

Feasibility Study of Beyond Line-of-site Vehicle Detection at an Intersection

DAVID R DOWLING (Mechanical Engineering)

With KARL GROSH (Mechanical Engineering)

\$25,000 02/01/09 - 03/31/09

Experimental Study of Beyond Line-of-site Vehicle Detection at an Intersection

KARL GROSH (Mechanical Engineering)

With DAVID R DOWLING (Mechanical Engineering)

\$25,000 02/01/09 - 03/31/09

Toyota Technical Center, USA, Inc.

Use of Hybrid Dynamic Feedback for Partially Autonomous Cooperative Active Safety Vehicle Systems at Traffic Intersections

DOMITILLA DEL VECCHIO (COE EECS - ECE - Con)

\$74,242 01/15/09 - 02/28/09

Trinity Health

Health IT Evaluation at the Trinity Health System: Review of Research Summaries

KAI ZHENG (Health Management and Policy)

With DAVID MENDEZ (Health Management and Policy)

\$14,605 01/01/09 - 12/31/09

University Corporation for Advanced Internet Development

UCAID/Internet2 Initiatives at the University of Michigan - Renewal PROPOSAL APPROVAL FORM

JOHN L KING (ITCS-Univ Corp for Adv Int Dev)

With BARBARA S NANZIG (ITCS-Univ Corp for Adv Int Dev)

\$4,688,848 01/01/09 - 12/31/11

University of Alabama

Data Analytic Access to MTF Data

JOHN E SCHULENBERG (SRC-Studies of Youth)

\$4,421 06/01/08 - 03/31/09

University of California-San Diego

Mobile Brain Imaging: Electroencephalographic Dynamics Accompanying Motivated Movements

DANIEL P FERRIS (School of Kinesiology)

\$120,307 10/01/08 - 09/30/09

University of Hawaii

Mortality Patterns Across the Life Course Among Native Hawaiians and Other Pacific Islanders

SELA V PANAPASA (RCGD-Black Americans)

\$38,825 11/01/08 - 02/28/09

University of Illinois-Urbana-Champaign

University of Illinois at Urbana-Champaign

ROSEMARIE HAM ZIEDONIS (ROSS SCH Research Support)

\$31,942 01/01/09 - 08/31/09

University of Maryland, The

Trapped Ion Quantum Networks

LUMING DUAN (LSA Physics)

\$130,000 08/01/08 - 07/31/09

University of Nebraska

Monte Carlo Simulations for Tunable, Mono-energetic Gamma-ray Source for Detection of Embedded SNM

SARA A POZZI (Nuclear Eng & Radiological Sci)

\$101,125 11/01/08 - 10/31/09

University of North Carolina

Synthesis of CDK4 Inhibitors 45b, 89d and 100c
HOLLIS D SHOWALTER (PHARMACY Medicinal Chemistry)

With JENNY GEESUN RYU (PHARMACY Medicinal Chemistry);
MICHAEL W WILSON (PHARMACY Medicinal Chemistry)

\$37,533 01/26/09 - 05/11/09

University of North Carolina at Chapel Hill

Cartoid Occlusion Surgery Study (COSS)

B GREGORY THOMPSON JR

(Neurosurgery)

With DARIN ZAHURANEC

(Neurosurgery)

\$434,636 12/01/07 - 11/30/12

University of RochesterACE: The IL-12p40 Family of Monokines in
Secondary Progressive Multiple SclerosisBENJAMIN M SEGAL (Neurology
Department)With SINA E KIM (Neurology
Department)

\$65,885 07/01/07 - 03/31/09

University of South FloridaHsp70 Inhibition as a Therapeutic Strategy for
Corticobasal DegenerationJASON EDWARD GESTWICKI (Life
Sciences Institute-Admin)

\$25,000 11/14/08 - 11/15/09

University of VirginiaRole of Burkholderia Cenocepacia Adhesin,
AdhA, in Cystic Fibrosis InfectionsJOHN J LIPUMA (Pediatrics-Infectious
Diseases)With UMADEVI S SAJJAN
(Pediatrics-Infectious Diseases)

\$54,224 01/07/09 - 12/31/09

Various Sponsors

Recharge: Transportation Data Center

CHARLES P COMPTON (UMTRI-Data
Center)

\$1,448 08/01/07 - 07/31/12

Recharge: Chemistry Services October 2008

CAROL A FIERKE (LSA Chemistry)

\$1,185 01/01/08 - 12/31/09

Recharge: Chemistry Services Nov. 2008

CAROL A FIERKE (LSA Chemistry)

\$766 01/01/08 - 12/31/09

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$22,750 03/01/07 - 02/28/12

Veterans Affairs, Department of

Veterans Walk to Beat Back Pain

CAROLINE R RICHARDSON

(Department of Family Medicine)

\$120,000 01/01/09 - 09/30/11

WestatResearch Partnership with a State-wide Network
of Federally Qualified Health CentersLEE A GREEN (Department of Family
Medicine)

With MICHAEL D FETTERS

(Department of Family Medicine);

DONALD E NEASE JR (Department
of Family Medicine)

\$100,000 02/01/09 - 04/30/09

Ypsilanti Public SchoolsEnabling Adolescents in Culturally Diverse
Environments to Peacefully Resolve Ethnic Group
ConflictsCHARLES D GARVIN (School of Social
Work)With HENRY O MEARES (School of
Social Work); MICHAEL SPENCER
(School of Social Work)

\$3,000 09/01/08 - 08/31/09