The awards detailed in this list were established March 1, 2010 through March 31, 2010. The dollar values depict the best available estimate of the funding the University should receive over the life of the award. These values may be modified, as additional data become available relative to future funding prospects. These modifications are not reported in the attached list. As a result, the dollar values of awards presented in this list will differ from the year-end totals. The full amount of an award is recorded in the year in which it was established. Often these funds are expended over several years, making comparisons between awards and expenditures somewhat misleading. Research expenditures are presented here to provide a trend line for the current fiscal year.

<table>
<thead>
<tr>
<th>Number of Awards</th>
<th>Number of Awards</th>
<th>% Change</th>
<th>Value of Awards</th>
<th>Value of Awards</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2009</td>
<td>FY 2010</td>
<td></td>
<td>FY 2009</td>
<td>FY 2010</td>
<td></td>
</tr>
<tr>
<td>Total Awards Processed (March)</td>
<td>158</td>
<td>226</td>
<td>43.0%</td>
<td>$44,189,396</td>
<td>$99,182,880</td>
</tr>
<tr>
<td>Research Awards</td>
<td>106</td>
<td>176</td>
<td>66.0%</td>
<td>$41,875,185</td>
<td>$86,628,359</td>
</tr>
<tr>
<td>Research Training</td>
<td>5</td>
<td>6</td>
<td>20.0%</td>
<td>$403,453</td>
<td>$2,524,634</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>47</td>
<td>44</td>
<td>(6.4)%</td>
<td>$1,910,758</td>
<td>$10,029,887</td>
</tr>
</tbody>
</table>

Year-to-date totals continue to be in strong positive territory, the monthly total award dollar value also increased when comparing March 2010 with March 2009. Not only were more awards processed in March 2010 when compared to March 2009 but their dollar value was also significantly higher. There were 29 awards processed in March 2010 valued at or greater than $1.0 million totaling $72.0 million: compared with 16 such awards totaling $32.0 million in March 2009.
<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable Restricted</th>
<th>Other Funds</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 2009</td>
<td>$426,483,475</td>
<td>$232,802,544</td>
<td>$659,286,018</td>
</tr>
<tr>
<td>Percent Change</td>
<td>14.0%</td>
<td>2.7%</td>
<td>10.0%</td>
</tr>
</tbody>
</table>

Source: Division of Research Development and Administration
Data Source: Division of Research Development and Administration
AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

March 01, 2010 through March 31, 2010

The awards listed here by direct sponsor were established during the month designated in the heading above. For each award, the listing includes the award title, the principal investigator(s), the proposal administrative department, participating investigators with specified effort, the estimated amount awarded for the award period, and the estimated award period.

Abbott Laboratories
GI Fellows Educational Support
ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)
$4,830 05/01/2010 - 12/31/2010

Alion Science and Technology
Detection of HEU and SNMS using 3D Semiconductor Detectors
ZHONG HE (Nuclear Eng & Radiological Sci)
$375,347 04/01/2008 - 06/01/2010

Alzheimer's Art Quilt Initiative
The Roles of Metal Ions in Alzheimer’s Disease
MI HEE LIM (Life Sciences Institute-Admin)
$30,000 07/01/2010 - 07/31/2011

American Association for Cancer Research, Inc.
Modeling Ewing tumor initiation in human neural crest stem cells
ELIZABETH LAWLOR (Pediatrics-Hematology/Oncology)
$750,000 02/01/2010 - 01/31/2013

American Association of Orthodontists Foundation
The AAOF Craniofacial Growth Legacy Collection:Pilot and Planning Application
JAMES A MCNAMARA JR (DENT Ortho/Peds Dentistry)
$1,000 07/01/2009 - 07/01/2011

Amgen, Inc.
Development of New Methods for Heterocycle Synthesis
JOHN P WOLFE (LSA Chemistry)
$25,000 12/14/2009 - 01/31/2011

3rd Annual Oncology Nursing Conference: Navigating Oncology Nursing
JUANITA SUE PARRY (UMH Educat Svcs-Nursing)
$3,000 01/15/2010 - 12/31/2010

Ann Arbor, City of
Mortgage and Tax Foreclosure Prevention
SHARON A REDMER (UMH Housing Bureau/Senior)
$25,000 09/01/2009 - 08/31/2010

Anthera Pharmaceuticals, Inc
Anthera Pharmaceuticals - IMPACTS Additional Funding
DANIEL S MCCONNELL (Epidemiology Department)
$4,700 12/01/2008 - 03/31/2010
Argonne National Laboratory

VHTR Advanced Modeling and Simulation

THOMAS J DOWNAR (Nuclear Eng & Radiological Sci)

with JOHN C LEE

$100,000 03/15/2010 - 12/31/2010

Astronautical Development LLC

Investigations in Ground Station Scheduling

JAMES W CUTLER (Aerospace Engineering)

$50,000 01/01/2010 - 12/31/2010

Athletes for Hope

Research on Athlete Philanthropy

KATHERINE M BABIAK (School of Kinesiology)

$6,500 03/01/2010 - 09/30/2010

Battelle Energy Alliance, LLC

Enhancing the Research and Teaching Capabilities of the University of Michigan to Support the Expansion of the Nuclear Industry

GARY S WAS (Nuclear Eng & Radiological Sci)

$120,000 02/10/2010 - 09/30/2011

Resilient Condition Assessment Monitoring (ReCAM) System

SEMYON M MEERKOV (COE EECS - ECE - Con)

$230,996 03/03/2010 - 09/30/2012

BBN Technologies

A Technology Marketplace Perspective on Integrated Networks

MICHAEL P WELLMAN (COE EECS - CSE - AI)

$24,000 09/28/2009 - 09/30/2014

Brown University

Communicating and Translating Place-Based Knowledge to Improve the Practice of Marine Ecosystem-Based Management

JULIA WONDOLLECK (Sch of Nat Resources & Environ)

STEVEN L YAFFEE (Sch of Nat Resources & Environ)

$112,616 12/01/2009 - 11/30/2011

Burroughs Wellcome Fund

Burroughs Wellcome Fund 2010 Travel Grant - Michael DeGiorgio

NOAH A ROSENBERG (Comp Med and Bioinformatics)

$2,500 07/03/2010 - 07/09/2010

Burroughs Wellcome Fund 2010 Travel Grant - Zachary Szpiech

NOAH A ROSENBERG (Comp Med and Bioinformatics)

$3,000 07/03/2010 - 07/09/2010

Center for Rotorcraft Innovation (CRI)

A New Dynamic Stall Model Based on a Hybrid Computational Approach

PERETZ P FRIEDMANN (Aerospace Engineering)

$40,000 01/01/2010 - 02/28/2011
Centocor Ortho Biotech Services, LLC
GI Fellows Educational Support
ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)
$4,500 04/01/2010 - 03/31/2011

CFD Research Corporation
Modeling of Ablation Caused by Hypersonic Flow
IAIN D BOYD (Aerospace Engineering)
$31,000 01/29/2010 - 07/15/2010

Children's Hospital of Los Angeles
A Phase 1 Study of Avastin with Bolus and Metronomic Cyclophosphamide and Zoledronic Acid in Children with Recurrent or Refractory Neuroblastoma
GREGORY A YANIK (Pediatrics-Hematology/Oncology)
$35,100 06/01/2009 - 05/31/2010

Chrysler LLC
Investigation of Thermo-Mechanical Fatigue Characteristics for Cast Aluminum (AL319-T7)
HONG-TAE KANG (Dbn Coll of Eng-Mechanical Eng)
$59,500 03/31/2010 - 02/28/2011

Cincinnati Children's Hospital Medical Center
Behavioral and Nutrition Treatment to Help Cystic Fibrosis Preschoolers Grow
JENNIFER LYNN BUTCHER (Child Behavioral Health)
$53,842 08/01/2009 - 07/31/2010

College Board, The
The College Board
SUSAN MARIE DYNARSKI (SOE-Educational Studies)
$30,000 01/01/2010 - 08/31/2010

Columbia University
Automaticity, Cognitive Control and the Detection of Deception
RICHARD E NISBETT (RCGD-Rsrch Cntr for Grp Dyn)
$22,987 10/01/2008 - 07/31/2010

Commerce, Department of-National Oceanic and Atmospheric Administration
Michigan Sea Grant College Knauss Fellowship FY10 - M. Robinson
JENNIFER READ (SNRE Michigan Sea Grant)
$44,000 02/01/2010 - 01/31/2011

Michigan Sea Grant Program - Dean John A. Knauss Fellowship 2010 - J. Nohner
JENNIFER READ (SNRE Michigan Sea Grant)
$44,000 02/01/2010 - 01/31/2011

Michigan Sea Grant Omnibus FY10-14
JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)
$5,392,799 02/01/2010 - 01/31/2014
Community Foundation for Southeastern Michigan
Higher Education Consultancy Examining Key Proof of Concept Issues Related to Mission Related Investing

   JOHN C BURKHARDT (SOE-CSHPE)
$56,989 09/30/2009 - 09/30/2010

Consortium for Ocean Leadership
Nature and Origin of Clay Mineralization in Sediments of the Nankai Subduction Zone

   ANJA MARIA SCHLEICHER (LSA Geological Sciences)
$15,000 08/31/2009 - 08/30/2010

Cook Incorporated
Zenith Low Profile AAA Endovascular Graft Clinical Study

   GILBERT R UPCHURCH JR (Vascular Surgery Section)
$72,850 10/01/2009 - 05/31/2014

Corporation for Public Broadcasting
Midwest Local Journalism Center

   TAMAR R CHARNEY (Michigan Radio)
$972,559 03/01/2010 - 02/29/2012

CTI Clinical Trial and Consulting Services
Randomized Double-Blind, Placebo-Controlled, Single and Multiple Dose, Dose-Escalation Study of STX-100 in Renal Transplant Patients with Biopsy Proven Interstitial Fibrosis and Tubular Atrophy (IF/TA)

   SILAS P NORMAN (Int Med-Nephrology)
$10,300 02/17/2010 - 07/31/2010

Cuyahoga Community College
Cuyahoga Community College

   DEE W EDINGTON (Health Management Research Ctr)
$20,400 03/01/2010 - 02/28/2011

Dairy Management, Inc (DMI)
US Fluid Milk beyond Carbon LCA Study

   OLIVIER J JOLLIET (Environmental Health Sciences)
with GREGORY A KEOLEIAN
$600,000 02/01/2010 - 04/30/2011

Defense, Department of-Air Force, Department of the
Extended Database for Shock-Boundary Layer Interaction (SBLI) from High Resolution PIV Measurements

   JAMES F DRISCOLL (Aerospace Engineering)
$90,000 01/01/2010 - 12/31/2010

Innovative Inverted Magnetron Experiments and Theory

   RONALD M GILGENBACH (Nuclear Eng & Radiological Sci)
with JOHN EDISON FOSTER
   YUE YING LAU
$1,685,538 04/01/2010 - 02/28/2015
Understanding The Function of EZH2 as a Determinant of Breast Cancer Invasion and Metastasis

CELINA G KLEER (Pathology Department)
$129,600 03/15/2010 - 04/14/2013

Robotics Institute Support
PAUL C RICHARDSON (Dbn Col of Eng-Electric & Comp)
with A GALIP ULSOY
CHRIS MI
DAWN M TILBURY
EDWIN OLSON
HUEI PENG
JOHANN BORENSTEIN
JOHN E LAIRD
YI LU MURPHEY
$604,855 02/26/2010 - 02/25/2013

Defense, Department of-Defense Threat Reduction Agency
Extension for Silicon-Based Examination of Gamma-ray and Neutron Interactions with Solid-State Materials
MARK DAVID HAMMIG (Nuclear Eng & Radiological Sci)
$299,969 12/15/2009 - 06/14/2011

Defense, Department of-Navy, Department of the
MODEL-BASED STRUCTURAL HEALTH MONITORING OF FATIGUE DAMAGE TEST-BED SPECIMENS
JEROME P LYNCH (Civil & Environmental Engr)
$44,784 03/01/2010 - 02/28/2011

Experimental and Computational Investigation of Dynamic Response of Marine Gas Turbines to Enable On-Demand and Flexible Power Supply for Naval Applications
MATTHIAS IHME (Aerospace Engineering)
with JAMES F DRISCOLL
$1,050,255 03/01/2010 - 02/28/2014

Continuous Growth of Indefinitely Long Carbon Nanotubes
ANASTASIOS JOHN HART (Mechanical Engineering)
$100,000 01/27/2010 - 12/31/2010

Hybrid Composite Hull Optimization and Structural Analysis (BAA 10-001)
STEVEN FRANCIS ZALEK (Naval Arch & Marine Dept)
with DALE G KARR
$241,271 04/01/2010 - 03/31/2012

Multi-Disciplinary Navy Ship Design under Uncertainty
NICKOLAS VLAHOPOULOS (Naval Arch & Marine Dept)
$54,859 09/01/2009 - 08/31/2010

Delphi Corporation
decision support and HRAs for the Delphi Health Management Program
DEE W EDINGTON (Health Management Research Ctr)
$211,536 01/01/2010 - 12/31/2011
Optogenetic manipulation of striatal fast spiking interneurons in vivo

ROGER L ALBIN  (Neurology Department)
$48,121  04/15/2010 - 04/14/2011

The Impact of the Michigan Merit Curriculum and Michigan Promise Scholarship on Student Outcomes

BRIAN AARON JACOB  (FSPP CLOSUP)
with SUSAN MARIE DYNARSKI
$5,999,850  03/01/2010 - 02/28/2015

Causes and Consequences of Public Subsidies in Higher Education: Evidence from Community College Districts

ISAAC MCFARLIN  (G. Ford Sc Pub Pol)
with SHELDON H DANZIGER
$2,573,484  07/01/2010 - 06/30/2014

Eisai Company, Ltd.

2008.048: Palonosetron for the Treatment of Nausea and Vomiting in Terminally Ill Patients

SUSAN URBA  (Int Med-Hematology/Oncology)
$92,719  03/23/2010 - 03/22/2012

Electrodynamic Applications, Inc.

50 cm Ion Thruster for Near-Earth Applications

JOHN EDISON FOSTER  (Nuclear Eng & Radiological Sci)
$46,270  01/29/2010 - 01/28/2011

Optimized Drying of Nano Sized Anisotropic Particles in Suspensions to Improved Aerosol Dispersions

MICHAEL J SOLOMON  (Chemical Engineering Dept)
with BRIAN E GILCHRIST
$47,151  11/11/2009 - 06/30/2010

Ellison Medical Foundation

METABOLISM, LIFE HISTORY AND AGING

JAMES M HARPER  (Pathology Department)
$800  01/03/2010 - 01/07/2010

Energy, Department of

Digital Waveform Sampling of Neutron and Gamma Ray Signals from Scintillation Detectors for Pulse Shape Discrimination and Pulse Height Analysis

SARA A POZZI  (Nuclear Eng & Radiological Sci)
with MAREK FLASKA
$465,000  01/11/2010 - 01/10/2013

Exelixis

Exelixis Consulting Agreement

DAVID C SMITH  (Int Med-Hematology/Oncology)
$15,000  10/22/2009 - 09/25/2011
Facet Biotech Corporation
Amendment OBSERVATION - UMCC 2007.128: A Phase 1/2, Multi-center, Open-label, Dose-escalation Study of HuLuc63 (Humanized Anti-CS1 Monoclonal IgG1 Antibody) and Bortezomib in Subjects with Multiple Myeloma Following First or Second Relapse (09-PAF04305)
   ANDRZEJ J JAKUBOWIAK  (Int Med-Hematology/Oncology)
   $22,620  06/23/2009 - 02/05/2011

Federal Reserve System
Household Financial Behavior - 2010
   RICHARD T CURTIN  (SRC-Surveys of Consumers)
   $62,532  01/01/2010 - 12/31/2010

Ford Motor Company
Plastic Fuel Tank Sealing for PZEV Level Emissions
   ELLEN M ARRUDA  (Mechanical Engineering)
   $92,430  04/01/2010 - 03/31/2011

Forest Research Institute, Inc
Effects of Milnacipran on Hyperalgesia, Fatigue, and Brain Function in a Pre-clinical Model of Fibromyalgia
   STEVEN EDWARD HARTE  (Anesthesiology Department)
   $102,315  03/09/2010 - 11/14/2010

Foundation for Anesthesia Education and Research
Foundation for Anesthesia Education and Research (FAER) 2010 Host Department Application Student Anesthesia Research Fellowship (MSARF)
   RALPH LYDIC  (Anesthesiology Department)
   $6,400  06/07/2010 - 08/02/2010

A prospective randomized Control trial comparing Bispectral Index Monitoring to Electronic Alerts for Prevention of Awareness During Anesthesia in the General Population
   GEORGE A MASHOUR  (Anesthesiology Department)
   with SACHIN KHETERPAL
   $48,000  01/01/2010 - 12/31/2010

GE Healthcare
GE Tech Transfer
   MICHAEL R KILBOURN  (Department of Radiology)
   $98,100  02/18/2010 - 12/31/2010

Harris Corporation
ME 450 Mechanical Design - Winter 2010
   STEVEN J SKERLOS  (Mechanical Engineering)
   $5,800  01/01/2010 - 04/30/2010
Health and Human Services, Department of-Agency for Health Care Research and Quality

Return on Investment for Quality Improvement Collaboratives in Surgery

NANCY J BIRKMEYER (Surgery Department)
with JOHN D BIRKMEYER
MOUSUMI BANERJEE
ONUR BASER
$879,535 04/01/2010 - 01/31/2013

Optimizing Prophylaxis Against Venous Thromboembolism in Bariatric Surgery

NANCY J BIRKMEYER (Surgery Department)
with JOHN D BIRKMEYER
MOUSUMI BANERJEE
ONUR BASER
$682,202 04/01/2010 - 01/31/2013

Health and Human Services, Department of-Centers for Disease Control and Prevention

Public Values for Pandemic H1N1 Vaccination-Related Adverse Events

MARC A ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)
with LISA PROSSER
SARAH J CLARK
$147,699 09/30/2009 - 09/29/2014

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

Southwest Oncology Group

LAURENCE H BAKER (Int Med-Hematology/Oncology)
with ANNE F SCHOTT
HARRY P ERBA
MAHA HUSSAIN
$2,835,280 02/22/2010 - 12/31/2015

Targeted Multi-spectral Dual Axes Confocal Imaging of In Vivo Molecular Expression

GARY D LUKER (Int Med-Gastroenterology)
KATSUO KURABAYASHI (Int Med-Gastroenterology)
THOMAS D WANG (Int Med-Gastroenterology)
$2,661,016 02/25/2010 - 12/31/2014

Situational High-Risk Behavior and Health: A Brief Motivational Intervention

MEGAN E PATRICK (SRC-Studies of Youth)
$159,596 04/01/2010 - 03/31/2012

Lay Public's Genetic Explanations for Type 2 Diabetes: Prevention Implications

TOBY E JAYARATNE (Hlth Behavior & Hlth Ed Dept)
with ARNO K KUMAGAI
ELIZABETH M PETTY
MELISSA A VALERIO
SCOTT ROBERTS
$1,823,696 03/05/2010 - 02/28/2013

Archiving the Historical Demography of the U.S.

GEORGE ALTER (ICPSR-Archival Development)
$424,875 03/18/2010 - 02/28/2012

Infant Word-learning in English and Chinese

TWILA Z TARDIF (Center for Human Growth & Dev)
$154,500 03/12/2010 - 02/29/2012
Towards The Treatment of Cocaine Abuse with a Mutant Bacterial Cocaine Esterase
JAMES H WOODS (Pharmacology Department)
$64,568 03/05/2010 - 03/04/2012

Histotripsy for Benign Prostatic Hyperplasia (Supplement)
WILLIAM W ROBERTS (Urology Surgery)
$53,309 03/19/2010 - 02/28/2011

Novel Approaches for Structural Determination of Cancer Stem Cell Glycans
KRISTINA I HAKANSSON (LSA Chemistry)
with DIANE M SIMEONE
$614,760 04/01/2010 - 03/31/2013

Mechanisms of MCP-1 activity in lung contusion with and without gastric aspiration
KRISHNAN RAGHAVENDRAN (General Surgery Section)
with BETHANY B MOORE
CORY M HOGABOAM
$1,545,000 04/01/2010 - 02/28/2014

Understanding hydrogen atom transfer reactions in enzymes
E NEIL G MARSH (LSA Chemistry)
$1,016,977 04/01/2010 - 01/31/2014

Local Homeostatic Control of Synapse Function
MICHAEL MARK ALEXANDER SUTTON (Molecular & Behav Neurosc Inst)
$1,881,290 04/01/2010 - 01/31/2015

Using Drosophila to Study Cell Body and Degenerative Responses to Axonal Injury
CATHERINE A COLLINS (LSA Molec./Cell./Develop. Bio)
$1,299,723 04/01/2010 - 03/31/2014

Molecular Analysis of Signal Transduction in Cancer Development and Progression
JUN-LIN GUAN (Internal Medicine)
$1,456,535 03/01/2010 - 12/31/2014

Molecular Mechanisms in Noise-Induced Hearing Loss
SUHUA SHA (Kresge Hearing Research Inst)
$1,906,775 04/01/2010 - 03/31/2015

Molecular Basis of Epithelial Skin Cancer
ANDRZEJ A DLUGOSZ (Dermatology Department)
with MARINA A GRACHTCHOUK
MONIQUE VERHAEGEN
$1,603,190 03/11/2010 - 02/28/2015

University of Michigan Institute for Social Research Expansion
JAMES S JACKSON (ISR-Director's Office)
$14,824,023 02/25/2010 - 02/24/2015

University of Michigan WRHR Career Development Program
TIMOTHY R B JOHNSON (Obstetrics and Gynecology Dept)
with YOLANDA REGINA SMITH
$2,375,575 04/01/2010 - 03/31/2015
Trafficking and Regulation of Cardiovascular K+Channels
JEFFREY RANDALL MARTENS (Pharmacology Department)
with MARGARET V WESTFALL
SCOTT D LARSEN
$1,557,017 04/01/2010 - 03/31/2014

THE ROLE OF TGF-BETA3 IN PALATOGENESIS
VESAM KAARTINEN (DENT Bio & Materials Science)
with YUJI MISHINA
$1,794,015 03/15/2010 - 02/28/2015

Enzymology of Posttranslational Modifications
CAROL A FIERKE (LSA Chemistry)
$1,488,176 04/01/2010 - 03/31/2014

Human Tregs in Ovarian Cancer
WEIPING ZOU (Surgery Department)
$1,118,395 04/01/2010 - 01/31/2015

Mechanism-Based Use of Chk1 Inhibitors in Pancreas Cancer
JONATHAN MAYBAUM (Pharmacology Department)
THEODORE S LAWRENCE (Pharmacology Department)
with CHRISTINE E CANMAN
DANIEL P NORMOLLE
LESLIE ANNE PARSELS
MARK M ZALUPSKI
MEREDITH A MORGAN
$2,310,647 04/01/2010 - 01/31/2015

HIV and NRTI's-induced painful pathogenic mechanisms and gene therapy
SHUANGLIN HAO (Neurology Department)
with MARINA MATA
$1,834,690 04/01/2010 - 03/31/2015

Multiple Protein Structures in Computational Drug Design
HEATHER A CARLSON (PHARMACY Medicinal Chemistry)
with JAMES BERNARD DUNBAR JR
JASON EDWARD GESTWICKI
$1,663,002 04/01/2010 - 03/31/2014

Role of the Unfolded Protein Response in Beta Cells
RANDAL J KAUFMAN (Biological Chemistry Dept)
$271,091 12/20/2009 - 11/30/2010

Unique Surface Structures on Synovial Cells - 5R01 AR038477-21, PA-05-015, Research Supplements to Promote Diversity in Health-Related Research
DAVID A FOX (Int Med-Rheumatology)
with RACHEL LOUISE MORGAN
$124,103 03/11/2010 - 08/31/2012

Flagellin Stimulates Lung Innate Mucosal Immunity
THEODORE J STANDIFORD (Int Med-Pulm./Critical Care)
with BETHANY B MOORE
VENKATESHWAR KESHAMOUNI
$1,700,689 04/01/2010 - 02/28/2014
Regulation of Adipocyte Differentiation and Metabolism - Admin Supplement
ORMOND A MACDOUGALD (Molec & Integrative Physiology)
$92,377 03/01/2010 - 05/31/2010

Complex glycan utilization by human gut Bacteroides
ERIC CHARLES MARTENS (Microbiology and Immunology)
$598,665 09/01/2009 - 03/31/2014

A Novel Tool to Understand Insulin Production and Failure in Pancreatic Beta-cells
ISRAEL HODISH (Metabolism, Endo & Diabetes)
with PETER ARVAN
$99,945 12/20/2009 - 03/31/2010

Polymer Membrane Ion/Gas/Polyion Sensors: New Frontiers
MARK E MEYERHOFF (LSA Chemistry)
$928,605 04/01/2010 - 01/31/2014

Cross-talk between ganglion-cell photoreceptors and other neurons in the retina
KWOON YIU WONG (Ophthalmology & Visual Science)
$746,999 04/01/2010 - 03/31/2013

Targeting HIV-1 Regulatory RNA Elements
HASHIM M AL-HASHIMI (LSA Biophysics)
with DAVID M MARKOVITZ
$1,495,068 04/01/2010 - 03/31/2015

Visceral afferent dysfunction in diabetic gastropathy
WILLIAM LEE HASLER (Int Med-Gastroenterology)
with WILLIAM H HERMAN
$206,631 04/15/2006 - 03/31/2010

Flavoenzymes in Pyrimidine Metabolism
BRUCE ALLAN PALFEY (Biological Chemistry Dept)

Mechanisms of motor neuron toxicity in Kennedy disease
ANDREW P LIEBERMAN (Pathology Department)
with JASON CHUA
$58,272 07/01/2010 - 01/31/2012

AKT/MTOR Signaling and Regulation of Cell Cycle in Beta Cells
ERNESTO BERNAL-MIZRACHI (Metabolism, Endo & Diabetes)
$56,537 02/19/2010 - 04/30/2010

Microtubule Mechanics at the Nanoscale (ARRA supplement)
ALAN J HUNT (Biomedical Engineering)
$81,673 04/01/2010 - 03/31/2011

Clinical Trial to Increase TPA Use in Stroke
PHILLIP ALTON SCOTT (Emergency Medicine UM Adult)
$39,353 05/01/2009 - 04/30/2010

Fogarty IPA - RAPIDD Mosquito-Modeling Working Group
PEJ ROHANI (LSA Ecology & Evolutionary Bio)
$104,168 12/01/2009 - 11/30/2011
Health and Human Services, Department of-National Institutes of Health-Subcontracts

Metabolic Oscillations in Pancreatic Beta-Cells

LESLIE SATIN (Pharmacology Department)

$150,234 03/01/2010 - 02/28/2013

Hoffmann-Laroche, Inc.
Pharmacokinetics of Oseltamivir in Critically Ill Patients - Adults

BRUCE A MUELLER (PHARMACY Clin, Soc & Admin Sci)

$89,318 12/24/2009 - 12/30/2010

A randomized, partially-blind study to evaluate the safety, tolerability and effect on virological response of treatment with the NCV protease inhibitor ROS190591 in combination with pegasys and copegus for 12 or 24 weeks, versus treatment with pegasys and copegus alone in treatment-naive patients with chronic hepatitis C genotype 1 virus infection

ANNA SUK-FONG LOK (Int Med-Gastroenterology)

$9,725 08/12/2009 - 11/30/2011

Homeland Security, Department of
Silicon-based 3D Position-sensitive Scatter Detector with Integrated Amplification

MARK DAVID HAMMIG (Nuclear Eng & Radiological Sci)

$325,905 03/01/2007 - 03/01/2011

Howard Hughes Medical Institute
RECHARGE: Protein ID by LTQ-ETD and Protein ID by LTQ-Orbitrap XL

KOJO SEYS JOHN ELENITOBA-JOHNSON (Pathology Department)

with VENKATESHA BASRUR

$7,929 01/05/2010 - 01/04/2011

Hudson Alpha Institute for Biotechnology
HudsonAlpha Cancer Genome Characterization Center

JUN LI (Human Genetics Department)

$14,248 09/01/2009 - 07/31/2010

Huron Mountain Wildlife Foundation
Shrews and global change: an investigation if the microclimates experienced by shrews in the northern Great Lakes

PHILIP MYERS (LSA Zoology Museum)

$5,900 04/01/2010 - 03/31/2011

Indiana University
Center for Advanced Renal Microscopic Analysis

FRIEDHELM HILDEBRANDT (Pediatrics-Nephrology)

with WEIBIN ZHOU

$45,000 06/01/2009 - 05/31/2010

Instituto de Nutricion de Centro America y Panama
Center for Excellence for Strengthening Research Capacity on Prevention and Control of Cardiovascular Diseases (CVD) for Central America, Dominican Republic, and Mexico: 2009-2014

EDUARDO VILLAMOR (Environmental Health Sciences)

$280,969 11/20/2009 - 06/07/2010
Intel Corporation
A Confidence-Driven Model for Predictable Computing in Future Technologies
ZHENGYA ZHANG (COE EECS - ECE - SSEL)
with DAVID BLAAUW
DENNIS MICHAEL SYLVESTER
PETER M CHEN
$169,000 01/01/2010 - 12/31/2014

A Framework for Motivating Healthy Behaviors with Social and Pervasive Computing (2nd Year)
MARK W NEWMAN (School of Information)
$86,000 09/01/2010 - 08/31/2011

ITT Industries
ITT VBLSS - Lean Six Sigma Black Belt Curriculum Development Project
HUEI PENG (CoE Interdisc Prof Program)
with EDWARD GEORGE BORBELY
PATRICK CRAIG HAMMETT
$458,748 12/07/2009 - 07/31/2010

Jerome Legeune Foundation
Promoting physical activity in young children with Down syndrome
DALE A ULRICH (School of Kinesiology)
$6,392 04/01/2010 - 03/31/2011

Jet Propulsion Laboratory
High Altitude Balloon Platform for Education of Next Generation Engineers
AARON JAMES RIDLEY (Atm, Oceanic & Space Sci.)
$21,588 03/18/2010 - 12/26/2010

Johnson & Johnson
A Phase 2, Multicenter, Randomized, Double-blind, Parallel-group, Placebo-controlled Study Evaluating the Safety and Efficacy of Treatment with Ustekinuwab or Golimumab in Subjects with Chronic Sarcoidosis
ERIC S WHITE (Int Med-Pulm./Critical Care)
with ALLEN T BRUCE

Johnson, Robert Wood, Foundation
RWJ Health Confidence Index 2010
RICHARD T CURTIN (SRC-Surveys of Consumers)
$317,485 04/01/2010 - 03/31/2011

Joslin Diabetes Center
Natural History of Microalbuminuria in Type 1 Diabetes
ANDRZEJ T GALECKI (Int Med-Geriatric Medicine)
$26,392 09/01/2009 - 03/31/2010

Kresge Foundation
Emerging and Promising Practices Program 7 EST 2010
MATTHEW L BOULTON (Sch of Public Hlth-Dean’s Ofc)
$300,000 04/01/2010 - 03/31/2012
Kythera Biopharmaceuticals, Inc
Mechanisms of Skin Aging
GARY J FISHER  (Dermatology Department)
$13,132  11/06/2009 - 04/30/2010

Lawrence Livermore National Security, LLC
Active 6x4 Element Dual-Polarized Tag Design
KAMAL SARABANDI  (COE EECS - ECE - Rad)
$90,000  03/04/2010 - 09/30/2010

Leukemia and Lymphoma Society
Targeting histone deacetylases for prevention of GVHD
PAVAN R REDDY  (Int Med-Hematology/Oncology)
$550,000  07/01/2010 - 06/30/2015

Lilly, Ei, and Company
Continuation of Effect of LA485 on tumor angiogenesis
JACQUES EDUARDO NOR  (DENTCariology,Restor Sci &Endo)
$156,977  09/04/2009 - 09/04/2011

MACTEC
Atmospheric Dry Deposition Monitoring
DONALD R ZAK  (Sch of Nat Resources & Environ)
$5,340  09/28/2009 - 07/31/2010

March of Dimes Birth Defect Foundation
The Molecular Basis of Nonrecurrent Copy Number Variants
THOMAS W GLOVER  (Human Genetics Department)
$207,109  03/01/2010 - 05/31/2012

Medarex, Inc
A 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)
$21,875  06/30/2009 - 06/29/2012

MED-EL Corporation
Functional Implications of Reinnervation of Auditory Nerve Peripheral Processes in the Implanted Cochlea
YEHOASH RAPHAEL  (Kresge Hearing Research Inst)
with BRYAN E PFINGST
RICHARD A ALTSCHULER
$150,000  03/01/2010 - 08/31/2011

Medimmune, Inc.
A Phase 1, Randomized, Double-blind, Placebo-controlled Study of the Safety and Tolerability of MEDI-551 in Scleroderma
ELENA SCHIOPU  (Int Med-Rheumatology)
with KRISTINE PHILLIPS
$146,506  03/22/2010 - 01/31/2012
Medpace, Inc
A MULTICENTER, MULTINATIONAL, RANDOMIZED, DOUBLE BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE EFFICACY AND SAFETY OF AEROSOLISED ALN-RSV01 PLUS STANDARD OF CARE IN LUNG TRANSPLANT PATIENTS INFECTED WITH RESPIRATORY SYNCYTIAL VIRUS (RSV) -- Phase 2b
KEVIN M CHAN (Int Med-Pulm./Critical Care)
$116,325 02/01/2010 - 05/31/2013

Michigan Campus Compact/Michigan Nonprofit Association
Investing in College Futures Year Three
WILLIAM COLLINS (Ctr for Educational Outreach)
$20,000 09/01/2009 - 05/30/2010

Michigan Critical Care Consultants, Inc.
Novel Device with Hemostatic Injection System to Control Post Biopsy Bleeding
WILLIAM F WEITZEL III (Int Med-Nephrology)
$18,185 03/03/2010 - 08/31/2010

Michigan, State of, Community Health, Department of
Transforming Youth Suicide Prevention in Michigan
CYNTHIA J EWELL FOSTER (Psychiatry Child Services)
$35,473 10/01/2009 - 09/30/2010

Integrated Care for medicaid Consumers with Behavioral Health Care Needs-AMENDMENT #1
DAVID LEE NEAL (Psychiatry Department)
with BRIAN E PERRON
KAREN K MILNER
MARY C RUFFOLO
$250,272 10/01/2009 - 09/30/2010

Mental Health Assessment Project Amendment 1
BRANT E FRIES (Institute of Gerontology)
$249,452 10/01/2009 - 09/30/2010

Michigan, State of, State Police, Department of
University of Michigan Bullet Proof Vest Program
CHARLES A NOFFSINGER (Staff Operations Bureau)
$39,875 01/01/2010 - 09/30/2011

Michigan State University
Construction Workers Survey - Pilot Study
BETH-ELLEN PENNELL (Survey Research Organization)
$97,069 07/01/2009 - 06/30/2010

Examining the Reuse of Scientific Research in Practice
IXCHEL M FANIEL (School of Information)
$35,109 01/01/2010 - 06/15/2010

Multiple Myeloma Research Consortium
Proteomic and gene expression profiling of patients with newly diagnosed multiple myeloma treated with lenalidomide (Revlimid), bortezomib (Velcade), liposomal doxorubicin (Doxil) and Dexamethasone (RVDD)
ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)
$75,000 03/03/2010 - 03/02/2011
National Academy of Nuclear Training Graduate Fellowships in Nuclear Engineering

WILLIAM R MARTIN (Nuclear Eng & Radiological Sci)
$25,000 09/01/2010 - 08/31/2011

National Aeronautics and Space Administration

Testing Disk-Jet Connections in Cygnus X-1

JON MATTHEW MILLER (LSA Astronomy)
$30,000 02/16/2010 - 02/15/2011

X-ray/Optical Studies of the Galaxy Cluster Population

AUGUST EVRARD (LSA Physics)
$348,000 03/01/2010 - 02/28/2013

The North American Carbon Program Multi-Scale Synthesis and Intercomparison Project

ANNA MARTA MICHALAK (Civil & Environmental Engr)
with DEBORAH N HUNTZINGER
$189,188 03/15/2010 - 03/14/2011

Phase B Support of the MAVEN-NGIMS Instrument Development

CHARLES J M EDMONSON JR (Space Physics Research Lab)
$98,500 02/05/2010 - 05/27/2010

National Bureau of Economic Research

Final Impact Evaluation of the Moving to Opportunity Program - Supplemental HUD Funding - Extended Data Collection

BETH-ELLEN PENNELL (Survey Research Organization)
$150,000 01/01/2010 - 03/31/2010

National Endowment for the Humanities

Miraculous Images of in Renaissance Florence

MEGAN L HOLMES (LSA History of Art)
$50,400 09/01/2009 - 08/31/2010

National Opinion Research Center

Obtaining Speech Data to Analyze Racial Economic Inequality

HOLLY K CRAIG (Univ Ctr for Dev of Lang & Lit)
$2,000 11/01/2009 - 01/31/2010

National Science Foundation

EMSW21-RTG: Developing American Research Leadership in Algebraic Geometry and Its Boundaries

KAREN E SMITH (LSA Mathematics)
with MIRCEA IMMANUEL MUSTATA
ROBERT K LAZARSFELD
WILLIAM FULTON
YONGBIN RUAN
$2,255,000 08/01/2010 - 07/31/2015

Pubertal Brain Development: Hormones & Circadian Entrainment

THERESA M LEE (LSA Psychology)
$570,000 03/01/2010 - 02/28/2013
Opioid-dopamine interactions and pair bonding

BRANDON J ARAGONA (LSA Psychology)
$750,000 03/15/2010 - 02/28/2015

Doctoral Dissertation Improvement: The reproductive trajectories of wild bachelor geladas (Theopithecus gelada) living in all-male groups

JACINTA CATHERINE BEEHNER (LSA Anthropology)
$19,870 03/15/2010 - 02/28/2011


MATTHEW D LASSITER (LSA History)
$12,000 04/15/2010 - 03/31/2011

Strengthening Qualitative Research through Methodological Innovation and Integration: A Longitudinal Analysis of Human Mortality

SUSAN HAUTANIEMI LEONARD (ICPSR-Admin)
$146,224 04/01/2010 - 03/31/2012

A Study of Aerosol Effects on Warm Ice Clouds- Supplement

JOYCE E PENNER (Atm, Oceanic & Space Sci.)
$75,820 03/03/2010 - 10/31/2010

Collaborative Research: Legislative Tactics and the Durability of Legislation

CHARLES R SHIPAN (LSA Political Science)
$81,798 03/01/2010 - 02/29/2012

Investment: Theory, Estimates, and Public Policy

CHRISTOPHER L HOUSE (LSA Economics)
with MATTHEW D SHAPIRO
$364,290 05/01/2010 - 04/30/2013

TC: Medium: Collaborative Research: WHISPER --Wireless, Handheld, Infrastructureless, Secure Communication System for the Prevention of Eavesdropping and Reprisal

ROBERT DICK (COE EECS - ECE - SSEL)
with ZHUOQING MAO
$754,756 06/01/2010 - 05/31/2013

Ancient Hunters of the Alpena-Amberley Ridge: Archaeological Investigations beneath Lake Huron

JOHN M O’SHEA (LSA Anthropology Museum)
with RYAN M EUSTICE
$267,196 06/01/2010 - 05/31/2013

CSR: Medium: Collaborative Research: Scaling the Implicitly Parallel Programming Model with Lifelong Thread Extraction and Dynamic Adaptation

SCOTT MAHLKE (COE EECS - CSE - ACAL)
$399,998 05/01/2010 - 04/30/2013

Improving the Environmental Sustainability of Shrimp Aquaculture Systems Through Microbial Resource Management

LUTGARDE M RASKIN (Civil & Environmental Engr)
with GREGORY A KEOLEIAN
JAMES STEPHEN DIANA
$310,053 03/15/2010 - 02/28/2013
GOAL: Dynamic response of rigid, foamed biocomposites  
ALAN ARGENTO (Dbn Coll of Eng-Mechanical Eng)  
WONSUK KIM (Dbn Coll of Eng-Mechanical Eng)  
$303,299 05/01/2010 - 04/30/2013

Doctoral Dissertation Research: Cross-National Determinants of Corporate Social Responsibility  
KIYOTERU TSUTSUI (LSA Sociology)  
$10,000 04/15/2010 - 03/31/2011

"COLLABORATIVE RESEARCH: Symposium on Low Carbon Footprint Supply Chain: A New Frontier for Supply Chain Research"  
MARK STEPHEN DASKIN (Industrial Operations)  
$18,687 04/01/2010 - 03/31/2011

PIRE (Partnerships for International Research and Education) Collaborative Research and Training in Social Context, Population Processes, and Environmental Change: RSV Supplement  
WILLIAM G AXINN (Pop Studies-Research)  
$3,893 03/03/2010 - 09/30/2012

REU Supplement III: Small: Optimizing News and Opinion Aggregators for Diversity  
PAUL J RESNICK (School of Information)  
$16,000 03/15/2010 - 08/31/2012

Program Directorship in the National Science Foundation Division of Chemistry - Supplemental  
GEORGE L KENYON (PHARMACY Medicinal Chemistry)  
$2,842 01/02/2009 - 01/01/2010

NeuroNexus Technologies, Inc.  
Long-Term Sensing in the Brain Using Sub-Cellular Edge Electrode Arrays  
DARYL R KIPKE (Biomedical Engineering)  
$78,333 02/01/2010 - 01/31/2011

New England Research Institute  
Pediatric Heart Network (PHN) Study Chair  
CAREN S GOLDBERG (Pediatrics-Cardiology)  
with RICHARD G OHYE  
$62,513 09/01/2008 - 08/31/2010

Next Energy  
Feedstock-Flexible Reformer System for SOFC-Quality Syngas (Addl $59k)  
JOHANNES W SCHWANK (Chemical Engineering Dept)  
$59,050 09/01/2007 - 07/31/2010

Nico Technologies Corporation  
Three-Dimensional Scaffolds for Bone Marrow Tissue Constructs  
NICHOLAS KOTOV (Chemical Engineering Dept)  
$47,300 02/04/2010 - 04/30/2010

NOVARTIS PHARMA, INC.  
A Phase II Study of Oral LBH589 in Adult Patients with Refractory Cutaneous T-Cell Lymphoma  
MARK S KAMINSKI (Int Med-Hematology/Oncology)  
$4,572 09/12/2006 - 08/31/2010
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Investigator/Co-investigator</th>
<th>Amount</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>An observational study for the detection of retinal flavoprotein autofluorescence in subjects with the geographic atrophy manifestation of dry age-related macular degeneration and health volunteers</td>
<td>GRANT M COMER (Ophthalmology &amp; Visual Science)</td>
<td>$24,000</td>
<td>02/19/2010</td>
<td>06/30/2010</td>
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<td>Ocuscience</td>
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<td>angiogenic Biomarker Expression during Periodontal Soft Tissue repair using Bilayered Cell Therapy</td>
<td>WILLIAM V GIANNOBILE (DENT Periodontics and Oral Med)</td>
<td>$2,500</td>
<td>03/03/2010</td>
<td>08/17/2010</td>
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<td>Organogenesis, Inc.</td>
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<td>Pearson Education Foundation Proposal</td>
<td>DONALD FREEMAN (SOE-Educational Studies)</td>
<td>$423,065</td>
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<td>Implications of Alzheimer's Disease Risk for Household Financial Decision Making</td>
<td>ROBERT J WILLIS (SRC-Hrs)</td>
<td>$102,368</td>
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<td>11/30/2010</td>
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<td>Pfizer, Inc.</td>
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<td>Public Radio International</td>
<td>TAMAR R CHARNEY (Michigan Radio)</td>
<td>$5,000</td>
<td>03/26/2010</td>
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<td>BBC World Service Project</td>
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<td>Quallion LLC</td>
<td>RICHARD M LAINE (Materials Science &amp; Engin.)</td>
<td>$74,000</td>
<td>01/01/2010</td>
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<td>Oxide nanopowders for lithium battery materials</td>
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<td>Research Foundation of City University of New York (CUNY)</td>
<td>CHERYL A KING (Psychological Clinic)</td>
<td>$22,550</td>
<td>11/17/2009</td>
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<td>Professional Psychology Competency Benchmarks Implementation Study</td>
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<td>Rhode Island College</td>
<td>JEROME JOHNSTON (RCGD-Rsrch Cntr for Grp Dyn)</td>
<td>$6,000</td>
<td>01/01/2010</td>
<td>06/30/2010</td>
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<td>Project IDEAL State of Rhode Island</td>
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<td>Sandia National Laboratories</td>
<td>PETER HONEYMAN (CITI CSE)</td>
<td>$50,000</td>
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<td>with JAMES BRUCE FIELDS</td>
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<td>DEE W EDINGTON (Health Management Research Ctr)</td>
<td>$36,000</td>
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Science Applications International Corporation

Directorship of the GM/CA CAT at the Advanced Photon Source at Argonne National Laboratory

   JANET L SMITH (Life Sciences Institute-Admin)
$204,913  01/01/2010 - 12/31/2010

Seventh Sense Biosystems, Inc.

Surface Switchable Biophasic Nanocolloids

   JOERG LAHANN (Chemical Engineering Dept)
$139,904  12/01/2007 - 02/28/2011

Shire Human Genetic Therapies

Testing efficacy of LNAs that target expression of the SCA3 disease gene

   HENRY L PAULSON (Neurology Department)
   with EDGARDO RODRIGUEZ
$188,243  01/01/2010 - 01/01/2011

Shire Pharmaceutical Group, PLC

GI Fellows Educational Support

   ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)
$4,830  05/01/2010 - 12/31/2010

Sigma Xi Society

Development and regeneration of extraocular muscles in zebrafish

   ALON KAHANA (Ophthalmology & Visual Science)
$2,500  03/01/2010 - 02/28/2011

Signal Innovations Group, Inc

Fundamental Information Theoretic Performance Limits for ATR - mod 4

   ALFRED O HERO III (COE EECS - ECE - Cspl)
$46,700  04/01/2009 - 09/30/2010

Simons Foundation

Simons Simplex Collection Year 4

   CATHERINE LORD (UM Autism & Comm Disorders Ctr)
$1,496,607  04/01/2010 - 03/31/2011

Smartpill Diagnostics

CTT Validation Study protocol #120508

   RICHARD J SAAD (Int Med-Gastroenterology)
$19,320  02/01/2009 - 12/31/2010

Smithsonian Institution

Chandra High Resolution Spectroscopy of the Be X-ray Binary 1A 0535+262

   JON MATTHEW MILLER (LSA Astronomy)

Spencer Foundation

Teacher Education for Learning in, from, and for Ambitious Practice

   MAGDALENE LAMPERT (SOE-Educational Studies)
$497,625  05/01/2010 - 04/30/2012
Increasing Workers’ Voice in China

JINYUN LIU (IRLEE)
with LAWRENCE ROOT
$1,333,000 02/24/2010 - 08/31/2013

Stoneyfield Farm, Inc.

Full Life Cycle Costs of Organic versus Conventional Food

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)
$14,969 01/01/2010 - 05/31/2010

Texas, State of

Project IDEAL State Membership Texas

JEROME JOHNSTON (RCGD-Rsrch Cntr for Grp Dyn)
$31,500 10/01/2009 - 09/30/2010

The Center for Rotorcraft Innovation's (CRI)

Condition Based Maintenance Technology Verification and Validation for Maintenance Credits

KON-WELL WANG (Mechanical Engineering)
$25,000 01/01/2010 - 02/28/2011

The Granville Group, Inc.

Forces in Time Varying Electromagnetic Fields

VALDIS V LIEPA (COE EECS - ECE - Rad)
with DIPAK L SENGUPTA
$29,700 03/01/2010 - 09/01/2010

The Melanoma Research Foundation

The regulation of melanoma metastasis

SEAN MORRISON (Life Sciences Institute-Admin)
$180,000 01/01/2010 - 12/31/2011

The Wellness Community of Southeast Michigan

Implementation of an Evidence-based Program of Care for People with Cancer and their Caregivers in a Community Setting

LAUREL L NORTHOUSE (SON-Grants)
$5,810 10/01/2009 - 09/30/2010

Thomas Jefferson University

Roles of aminoacyl-tRNA synthetases in peripheral neuropathy

ANTHONY ANTONELLIS (Human Genetics Department)
$32,531 01/01/2010 - 12/31/2010

TKL Research, Inc.

A Phase III, 3-Arm, Randomized, Double-Blind, Placebo-controlled, Multicenter Study to Investigatethe Impact of Diamyd on the Progression of Diabetes in Patients Newly Diagnosed with Type 1 Diabetes Mellitus

MASSIMO T PIETROPAOLO (Metabolism, Endo & Diabetes)
$72,604 02/01/2010 - 01/31/2012
To write in natural language, the text from the image is as follows:

Toyota Motor Company, Ltd.

Robust Solar Concentrator System for Hydrogen Production
KAZUHIRO SAITOU (Mechanical Engineering)
$85,287 03/01/2010 - 10/31/2010

Treasury, Department of the

Low Income Taxpayer Clinic 2010
BRIDGET M MCCORMACK (Law Clinical Activity)
with REUVEN S AVI-YONAH
$47,744 01/01/2010 - 12/31/2010

United BioSource Corporation (UBC)

INFORM: Investigating Natalizumab through Further Observational Research and Monitoring
ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)
$77,066 03/12/2010 - 04/30/2015

University Health Network

Validating the Montreal Cognitive Assessment for the Diagnosis of MCI in Parkinson's disease
KELVIN LIN-YU CHOU (Neurology Department)
with CAROL CATHERINE PERSAD
$84,656 03/08/2010 - 08/31/2012

University of Arizona

The Dramatic Rise in Agricultural Productivity in the US during the Twentieth Century: Disentangling the Roles of Technological Change, Government Policy, and Climate
PAUL W RHODE (Pop Studies-Research)
$232,237 09/15/2009 - 08/31/2012

University of Bath

Discovery of New Treatments for Drug Abuse
JOHN R TRAYNOR (Pharmacology Department)
$180,835 09/15/2009 - 07/31/2010

University of California - Lawrence Berkeley National Laboratory

Modeling-Thermo-electrochemistry, capacity degradation and mechanics with SEI layer
ANN MARIE SASTRY (Mechanical Engineering)
$320,000 03/01/2010 - 12/31/2010

University of Illinois at Chicago

gjoyce - University of Michigan Patient Education Clearinghouse - Ruti Volk
KIM ALLEN EAGLE (Int Med-Cardiology)
$1,934 01/01/2010 - 06/30/2010

University of Nebraska

Transgenic Mice Study
STEVEN W PIPE (Pediatrics-Hematology/Oncology)
$32,758 03/18/2010 - 03/31/2010
University of Toledo

RKIP Regulation as a Potential for Tumor Suppression
   EVAN T KELLER  (Urology Surgery)
   $49,919  07/17/2009 - 06/30/2010

CORAL: Cardiovascular Outcomes in Renal Artherosclerotic Lesions
   DAVID M WILLIAMS  (Department of Radiology)
   $31,869  02/01/2010 - 01/31/2015

CORAL: Cardiovascular Outcomes in Renal Artherosclerotic Lesions
   VENKATARAMU N KRISHNAMURTHY  (Department of Radiology)
   $31,274  02/01/2010 - 01/31/2015

UPS Foundation

UPS Foundation Support of M-STEM Academy
   GUY A MEADOWS  (CoE Undergraduate Education)
   $50,000  01/01/2010 - 12/31/2010

US-Israel Binational Science Foundation

Development of novel N-acylated aminoglycoside antibiotics
   SYLVIE GARNEAU-TSODIKOVA  (Life Sciences Institute-Admin)
   $4,000  03/01/2010 - 02/28/2011

Ventana Medical Systems

Validation Studies in Support of the Development of Multi-Probe FISH Assays in Prostate Cancer Partners
   NALLASIVAM PALANISAMY  (Ctr fr Translational Pathology)
   $75,042  01/01/2010 - 03/31/2010

Vortex Hydro Energy, LLC

Vortex Hydro Energy Test 4
   GUY A MEADOWS  (Naval Arch & Marine Dept)
   $11,640  02/05/2010 - 12/30/2010

Washington University

Washington University Institute of Clinical and Translational Sciences (KL2)
   BETSY FOXMAN  (Epidemiology Department)
   $2,301  01/25/2010 - 05/31/2010

Washington United Way

Community Dental Center - Emergent Dental Care for the Low-Income
   STEPHEN J STEFANAC  (DENT Clinic Operations)
   $14,027  07/01/2009 - 06/30/2010

Willamette Dental

Knowledge and Use of Preventive Resin Restorations (Prep & Seals) in a Large Managed Care Dental Group
   MARGHERITA R FONTANA  (DENTCariology,Restor Sci &Endo)
   $6,500  01/11/2010 - 12/31/2010
Wipro Technologies Manufacturing SBU

Michigan Ross Business Innovation Awards Program

MAYURAM S KRISHNAN  (ROSS SCH Research Support)

$96,000  01/01/2010 - 12/31/2012