The awards detailed in this list were processed September 1, 2007 through September 30, 2007. 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.

<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>Total Awards Processed (September)</td>
<td>265</td>
<td>266</td>
<td>0.4%</td>
<td>$89,408,931</td>
<td>$151,791,025</td>
</tr>
<tr>
<td>Research Awards</td>
<td>210</td>
<td>202</td>
<td>(3.8%)</td>
<td>$80,903,462</td>
<td>$147,190,686</td>
</tr>
<tr>
<td>Research Training</td>
<td>18</td>
<td>11</td>
<td>(38.9%)</td>
<td>$4,830,380</td>
<td>$1,090,701</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>37</td>
<td>53</td>
<td>43.2%</td>
<td>$3,675,089</td>
<td>$3,509,638</td>
</tr>
</tbody>
</table>

Total Awards Processed Fiscal Year to Date | 737 | 818 | 11.0% | $275,381,189 | $352,062,008 | 27.8% |
| Research Awards | 561 | 612 | 9.1% | $233,854,698 | $329,173,074 | 40.8% |
| Research Training | 51 | 56 | 9.8% | $25,996,876 | $11,277,126 | (56.6%) |
| Other Sponsored Activity | 125 | 150 | 20.0% | $15,529,615 | $11,611,808 | (25.2%) |

The increase in award values for FY 2008 when compared with FY 2007 continues to be strong. The large value increase realized in September 2007 is due to 37 awards valued at over $1.0 million totaling $111.8 million. The largest award is valued at $24.8 million. In September 2006 there were only 28 such awards valued at $54.9 million with the largest award being $6.0 million.
##### RESEARCH EXPENDITURES

<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable</th>
<th>Other Funds</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 2007</td>
<td>$111,943,445</td>
<td>$37,515,004</td>
<td>$149,458,449</td>
</tr>
<tr>
<td>August 2006</td>
<td>$105,375,881</td>
<td>$37,054,898</td>
<td>$142,430,779</td>
</tr>
<tr>
<td>Percent Change</td>
<td>6.2%</td>
<td>1.2%</td>
<td>4.9%</td>
</tr>
</tbody>
</table>

Data Source: Division of Research Development and Administration
Number of Awards Processed

Dollar Value of Awards Processed

Data Source: Division of Research Development and Administration
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 directory (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.

### 3M (Minnesota Mining and Manufacturing) Company
Clinical Evaluation of CAD/CAM-Generated Ceramic Onlays
- **DENNIS J FASBINDER** (Cariology, Restor Sci & Endo)
  - With **JOSEPH DEBRUNE** DENNISON (Cariology, Restor Sci & Endo)
  - $92,950 06/01/07 - 12/31/10

### Ablations Frontiers
Tailored Treatment of Permanent Atrial Fibrillation (TTOP AF Trial)
- **AMAN CHUGH** (Int Med-Cardiology)
- $64,787 06/04/07 - 06/03/09

### Academic Serials in Communication - Unified System
Online Hosting Services
- **MARIA STELLA BONN** (University Library)
- $200,000 02/01/07 - 01/31/10

### Adaptive Materials Inc
Low-Temperature Portable Solid Oxide Fuel Cell Power System
- **PETER F GREEN** (Materials Science & Engin.)
  - With **JOHN W HALLORAN** (Materials Science & Engin.)
  - $50,000 09/01/07 - 02/10/08

### Agriculture, Department of
The Environmental Educators' Web-Based Consultant to Effective Evaluation
- **MICHAELA T ZINT** (Sch of Nat Resources & Environ)
  - $103,000 05/01/05 - 05/01/10

### Allergan Pharmaceuticals, Inc.
A Multicenter, Multiple-Dose, Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study of the Safety and Efficacy of Oral AGN 203818 Given Twice Daily for 4 Weeks for the Relief of Irritable Bowel Syndrome (IBS) Pain.
- **WILLIAM D CHEY** (Int Med-Gastroenterology)
- $241,045 01/04/07 - 02/28/09

### Alzheimer's Association
How Overexpression of a Stress Gene Modifies Alzheimer's Disease Pathology
- **HUDA AKIL** (Molecular & Behav Neurosc Inst)
  - $239,957 09/01/07 - 08/31/10

### American Society of Clinical Oncology
Development of a Melanoma Chemoprevention Model
- **CHRISTOPHER D LAO** (Int Med-Hematology/Oncology)
  - With **DEAN E BRENNER** (Int Med-Hematology/Oncology)
  - $170,100 07/01/06 - 06/30/09

### American Urological Association Foundation
Assessing Patient-Centered Survivorship Care in Prostate Cancer
- **JOHN THOMAS WEI** (Urology Surgery)
  - $30,000 07/01/07 - 06/30/08
Andrews University
Andrews University Methamphetamine Study
LLOYD D JOHNSTON (SRC-Studies of Youth)
$25,168 08/01/07 - 07/31/08

Avantis Medical Systems
A Prospective Efficacy Evaluation of the Third Eye Retroscope Auxiliary Imaging System
LESLIE BROWN ALDRICH (Int Med-Gastroenterology)
$9,975 05/17/07 - 10/31/07

Avid Pharmaceuticals
Avid Pharmaceuticals Human Brain
Biodistribution of AV-133
KIRK A FREY (Radiology-Nuclear Medicine)
$192,625 04/05/07 - 09/06/08

Battelle Memorial Institute
Technical Challenges of Plug-In Hybrid Electric Vehicles and Impacts to the U.S. Power System
GARY S WAS (MI Memorial Phoenix Energy Ins)
With ZORAN S FILIPI (Mechanical Engineering); JAMES S JACKSON (RCGD-Black Americans); JOHN C LEE (Nuclear Eng & Radiological Sci); CARL P SIMON (LSA Study of Complex Systems); PETER FRANK SWEATMAN (UMTRI-Administration / Library)
$900,000 08/03/07 - 04/01/09

Becton, Dickinson and Company
Intravenous-Intramuscular Needle Penetration
LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
With JONATHAN DAVID RUPP (UMTRI-Biosciences)
$16,086 02/24/99 - 08/31/07

Biolife, LLC
Development and Evaluation of a New Hemostatic Agent for the Control of Severe Hemorrhage Traumatic Injury - Extension
SUSAN A STERN (Emergency Medicine Admin)
With JOHN GRAFTON YOUNGER (Emergency Medicine Admin)
$24,042 07/01/06 - 09/30/07

Biosense Webster, Inc.
NAVISTAR THERMOCOOL Catheter for Endocardial RF Ablation in Patients with Ventricular Tachycardia PMA# P040036
Condition of Approval Study
FRANK M BOGUN (Int Med-Cardiology)
$66,860 08/31/07 - 01/31/12

Blue Cross Blue Shield of Michigan Foundation
Validation of Failure to Rescue Complications Through Focused Medical Record Review
AKKE NEELTJE TALSMA (School of Nursing)
$75,000 10/15/07 - 10/14/08

Brookdale Foundation
Memory Keepers
ELIZABETH BROCK SPENCER (Geriatrics Social Work)
$7,500 09/18/07 - 09/30/08

Canada, Government of
UM-D Ottawa Political Science Internship Program
FRANCIS W WAYMAN JR (Dbn CASL-Social Sciences)
$5,783 06/15/06 - 06/21/07

CBRITE
Response to HARDI BAA
JERZY KANICKI (CoE EECS-Ssel)
$332,051 07/02/07 - 12/31/07

Chenega Advanced Solutions & Engineering, LLC
Vehicle Mechanical Condition and Truck Crash Risk in the Large Truck Crash Causation Study
DANIEL F BLOWER (UMTRI-Transp. Safety Analysis)
With PAUL ERIC GREEN (UMTRI-Transp. Safety Analysis); JOHN WOODROOFFE (UMTRI-Transp. Safety Analysis)
$73,270 09/05/07 - 06/30/08
Children's Hospital of Los Angeles
Therapeutic Advances in Childhood Leukemia (TACL)
RAYMOND J HUTCHINSON
(Pediatrics-Hematology/Oncology)
With RAJEN J MODY (Pediatrics-Hematology/Oncology)
$60,000 07/19/08 - 07/18/09

Commerce, Department of-National Oceanic and Atmospheric Administration
Extension of the Spatial and Temporal Coverage of the Global Database of Borehole Temperatures for Climate Reconstruction
SHAOPENG HUANG (LSA Geological Sciences)
$240,061 08/01/07 - 07/31/10

Michigan Sea Grant College Program - Ship Time FY 07/08
DONALD SCAVIA (SNRE Michigan Sea Grant)
$45,092 06/01/07 - 05/31/08

Commerci, Department of-Office of the Secretary
U.S. Census Bureau: PSID Conference on the Use of EHC
ROBERT F SCHOENI (SRC-Psid)
With SHELTON H DANZIGER (G. Ford Sch of Public Policy)
$160,000 03/23/07 - 12/31/08

Community Foundation for Southeastern Michigan
Family Reading and Science
AMY S HARRIS (LSA UG: Exhibit Museum)
$43,000 09/11/07 - 09/10/08

Community Foundation of Greater Flint
American Democracy Project - Academic Year 2007-2008
RENEE COLEEN ZIENTEK (Flint University Outreach)
$23,500 09/05/07 - 09/04/08

Conference on Jewish Material Claims Against Germany, Inc.
Recovering Jewish Life in the Soviet Union, 1925-1941
ZVI Y GITELMAN (LSA Judaic Studies)
$30,750 01/01/06 - 03/31/08

Creekside Community Development
Grantee Support MI AmeriCorps Partnership - 2007-09
MARGARET E DEWAR (Community Service Learning)
$4,080 09/01/07 - 05/31/09

Cystic Fibrosis Foundation
Cystic Fibrosis Center
SAMYA Z NASR (Pediatrics-Pulmonary Medicine)
With RICHARD H SIMON (Int Med-Pulm./Critical Care)
$161,395 07/01/07 - 06/30/08

DaimlerChrysler Corporation Fund
2007 Aid to Higher Education Program: Fellowships in Sustainable Systems
JONATHAN W BULKLEY (Sch of Nat Resources & Environ)
$40,000 08/02/07 - 05/31/08

Defense, Department of-Air Force, Department of the
Supplemental Funding:MACCA subcontract-Error Analysis on Unstructured Code
WEI SHYY (Aerospace Engineering)
$163,046 04/10/07 - 04/09/10

Defense, Department of-Army, Department of the
Identifying and Harnessing Expertise In Online Forums
LADA A ADAMIC (School of Information)
With MARK STEVEN ACKERMAN (School of Information)
$93,267 09/21/07 - 09/20/08

Design, Fabrication, and Control of a Bio-Inspired Terrestrial Micro-robot Based on Piezoelectric Actuation
KENN RICHARD OLDHAM (Mechanical Engineering)
$479,992 09/20/07 - 09/30/10

Education, Department of
Modeling and Developing Situation Awareness in Teachers
KEVIN F MILLER (SOE-CPEP)
With KAI SCHNABEL CORTINA (LSA Psychology)
$816,936 09/01/07 - 08/31/10
Adapted Assessment of Speed of Information Processing in Children with Cerebral Palsy
SETH A WARSCHAUSKY (Physical Medicine & Rehab Dept)
$599,974 10/01/07 - 09/30/10

Edwards Lifesciences, LLC
Destiny Trial: Effects of Mitral Valve Annuloplasty with the Geoform Ring on Left Ventricular Geometry and Function in Patients with Cardiomyopathy
RICHARD L PRAGER (Cardiac Surgery Section)
With STEVEN F BOLLING (Cardiac Surgery Section); WEI CHUNG LAU (Anesthesiology Department)
$31,573 07/01/07 - 05/30/09

Electric Power Research Institute (EPRI)
Potential for Atom Probe Tomography in Understanding IASCC
GARY S WAS (Nuclear Eng & Radiological Sci)
$252,700 09/01/07 - 06/30/10

Ellison Medical Foundation
The Physiological Role of Stem Cells in the Maintenance and Function of the Aging Brain
SEAN MORRISON (Life Sciences Institute-Admin)
$782,959 11/01/07 - 10/31/11

Energy, Department of
CP-Odd Electric Dipole Moment Measurements with Rare Isotopes: The Radon-EDM (Electric Dipole Moment) Experiment
TIMOTHY E CHUPP (LSA Physics)
With WOLFGANG B LORENZON (LSA Physics)
$78,000 08/15/04 - 07/14/10

Assuring GNEP Readiness at the University of Michigan
WILLIAM R MARTIN (Nuclear Eng & Radiological Sci)
With JOHN C LEE (Nuclear Eng & Radiological Sci)
$99,919 09/10/07 - 09/09/08

The Role of RabA4b in Polarized Secretion of Cell Wall Components in Arabidopsis Root Hair Cells
ERIK E NIELSEN (LSA Molec./Cell./Develop. Bio)
$129,466 08/01/07 - 07/31/09

Two-Dimensional Electronic Spectroscopy of Light-Harvesting Complexes
JENNIFER P OGILVIE (LSA Physics)
$203,000 09/01/07 - 08/31/10

Subgrid-Scale Mixing in Climate Models: A Novel Look at Diffusion, Accuracy, Stability, and Climate Sensitivity
RICHARD B ROOD (Atm, Oceanic & Space Sci.)
With CHRISTIANE JABLONOWSKI (Atm, Oceanic & Space Sci.)
$949,522 08/01/07 - 07/31/11

Consortium on Cladding and Structural Materials for Advanced Reactor Systems
GARY S WAS (Nuclear Eng & Radiological Sci)
With LUMIN WANG (Nuclear Eng & Radiological Sci)
$3,000,000 09/30/07 - 09/29/10

Mobile Robotics and Sensing-University Research Program in Robotics
DAVID K WEHE (Nuclear Eng & Radiological Sci)
$993,000 09/01/07 - 08/31/08

Expedition Inspiration Fund for Breast Cancer Research
Pilot Study to Characterize Musculoskeletal Changes Ultrasonography in Women with Breast Cancer Treated with Aromatase Inhibitors
DANIEL F HAYES (Int Med-Hematology/Oncology)
$10,000 07/01/07 - 06/30/08

Flint Downtown Development Authority
DDA Placemaking: Administrative Management for Great Cities Require Great Spaces
JOEL E RASH (Cntr for Entprnshp and Bus Dev)
$25,000 09/01/07 - 08/31/09
Focus: Hope
Repair, Restoration, Reconfiguration and Reconstruction (R) of Navy Components by Direct Metal Deposition (DMD) and Friction Stir Processing (FSP)

JYOTIRMOCY MAZUMDER (CoE Claims Lab)
$150,239 10/01/06 - 09/30/07

Ford Motor Company
Automatic Transmission Clutch Modeling
NIKOLAOS D KATOPODES (Civil & Environmental Engr)
$199,534 08/01/07 - 07/31/09

Research in Neural Network Ensembles
YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)
$30,000 08/01/07 - 07/31/10

Robust Friction Estimation for Enhanced Active Safety
HUEI PENG (Mechanical Engineering)
$189,975 08/01/07 - 08/31/09

UM-D Special American Business Internship Program (SABIT)
SUBRATA SENGUPTA (Dbn Col of Eng-ProfessionalDev)
$83,000 12/01/07 - 11/30/08

Strategic Worldwide Transportation 2020
MICHAEL SIVAK (UMTRI-Human Factors)
With MICHAEL J FLANNAGAN (UMTRI-Human Factors)
$60,000 08/11/07 - 08/11/08

Development of Practical and Robust SCR Catalysts for Diesel
RALPH T YANG (Chemical Engineering Dept)
$200,000 08/01/07 - 07/31/09

General Electric Company
LMC Casting Experiments on Single Crystal/Columnar Grained Superalloys
TRESA M POLLOCK (Materials Science & Engin.)
$50,000 08/01/07 - 07/31/08

LMC Baffling Study
TRESA M POLLOCK (Materials Science & Engin.)
$75,000 09/01/07 - 12/31/08

Getty, J. Paul, Trust
Ingres and Reconfigurations of the Classical Tradition in the Nineteenth Century
SUSAN L SIEGFRIED (LSA History of Art)
$75,000 09/01/05 - 06/23/06

Global Partnership, Center for
Improving Quality of Care for Persons with Dementia and Their Caregivers: Developing a Japan/U.S. Network for Grassroots Exchange of Programs That Work
DARLENE KNAPP RACZ (Geriatrics Social Work)
$60,000 04/01/07 - 09/30/08

Government of Singapore
High Performance Graphics in Virtual Machines
ATUL PRAKASH (CoE EECS-Ssrl)
$85,861 12/01/07 - 11/30/08

GPA Technologies, Inc.
Wave Propagation Tension Measuring Concept - Extension
NOEL C PERKINS (Mechanical Engineering)
$37,956 08/31/07 - 12/31/07

Great Lakes Fishery Trust
Analysis of Tagging Data to Quantify Lake Trout Migration in Lake Michigan
SARA ADLERSTEIN-GONZALEZ (Sch of Nat Resources & Environ)
With EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)
$120,381 10/01/07 - 10/31/09

Great Lakes Fishery Radio Broadcasts
MARK THOMAS BRUSH (Michigan Radio)
$20,000 10/01/07 - 07/01/08

Guidance Center, The
Economic Evaluations of Mental Health Programs in Wayne County
DANIEL EISENBERG (Health Management and Policy)
$38,844 09/01/07 - 08/31/08

Design for Virtual Workforce Database Management System
DALE KENT FITCH (School of Social Work)
$22,936 07/01/07 - 12/31/07
HAMZTEC, LLC
Awareness Enhancement and Monitoring Device for Treatment of Trichotillomania
JOSEPH ALAN HIMLE (School of Social Work)
$32,148  08/15/07 - 02/14/08

Health and Human Services, Department of-
Agency for Health Care Research and Quality
Essays on Long-Term Care Dynamics
RICHARD A HIRTH (Health Management and Policy)
$28,745  09/05/07 - 09/04/08

Health and Human Services, Department of-
Centers for Disease Control and Prevention
Improving Public Health Practice through Translation Research (R18): Translating Teen Driver and Parent Interventions into Diverse Practice Settings
C RAYMOND BINGHAM (UMTRI-Social & Behav Analysis)
With CLEOPATRA HOWARD CALDWELL (Hlth Behavior & Hlth Ed Dept); EDITH A PARKER (Hlth Behavior & Hlth Ed Dept); JEAN T SHOPE (UMTRI-Social & Behav Analysis)
$1,327,395  09/30/07 - 09/29/10

Urban Built Environments and Trajectories of Disability Among Older Adults
PHILIPPA J CLARKE (SRC-Social Envir & Health)
$393,943  09/01/07 - 09/29/10

Improving Childhood Immunization Coverage Using a Statewide Immunization Registry
KEVIN JOHN DOMBKOWSKI (Pediatrics-Ambulatory Care Pgm)
With SARAH J CLARK (Pediatrics-Ambulatory Care Pgm); M M DAVIS (Pediatrics-Ambulatory Care Pgm)
$440,000  09/30/07 - 09/29/09

Innovations to Improve Parent Contact Information in Immunization Registries
KEVIN JOHN DOMBKOWSKI (Pediatrics-Ambulatory Care Pgm)
With SARAH J CLARK (Pediatrics-Ambulatory Care Pgm); MATTHEW M DAVIS (Pediatrics-Ambulatory Care Pgm)
$200,000  09/01/07 - 08/31/09

Assessing the Impact of Federal and State Law on Public Health Preparedness
PETER D JACOBSON (Health Management and Policy)
$724,004  09/30/07 - 09/29/09

Historical Study of Non-Pharmaceutical Interventions in the Influenza Pandemic of 1918-1920
HOWARD MARKEL (Ctr for History of Medicine)
With JULIAN ALEXANDER NAVARRO (Ctr for History of Medicine); ALEXANDRA STERN (Ctr for History of Medicine)
$2,635,492  09/24/07 - 09/23/10

Health and Human Services, Department of-
Centers for Medicare and Medicaid Services
STRIVE (Skilled Nursing Facility Pharmaceutical Data: Preparation, Reconciliation and Analysis)
JEFFREY J ELLIS (College of Pharmacy)
$29,991  09/13/07 - 09/12/08

Health and Human Services, Department of-
National Institutes of Health
Antecedents and Consequences of Drug Abuse: Heritability, Stress and Neuroplasticity
HUDA AKIL (Molecular & Behav Neurosc Inst)
With TERRY E ROBINSON (LSA Psychology); AUDREY F SEASHOLTZ (Molecular & Behav Neurosc Inst); DELIA M VAZQUEZ (Pediatrics-Endocrinology); STANLEY J WATSON JR (Molecular & Behav Neurosc Inst)
$6,348,675  09/25/07 - 06/30/12
Training in Older Adult Mobility Research
NEIL BURTON ALEXANDER (Int Med-Geriatric Medicine)
With ANDRZEJ T GALECKI (Institute of Gerontology); LINDA V NYQUIST (Institute of Gerontology)
$590,637 09/15/07 - 07/31/12

Electronic Journal Data Collection Technologies for Interdisciplinary Research
WILLIAM G AXINN (Pop Studies-Research)
With MICHAEL COUPER (SRC-Survey Methodology Prog); ELIZABETH A YOUNG (Molecular & Behav Neurosc Inst)
$1,200,000 09/26/07 - 07/31/11

Transsulfuration and Hyperhomocysteinemia
RUMA BANERJEE (Biological Chemistry Dept)
$1,681,647 09/10/07 - 07/31/12

Cranberry Juice and Urinary Tract Infections - Supplement
CIBELE T BARBOSA-CESNIK (Epidemiology Department)
With MORTON B BROWN (Biostatistics Department); BETSY FOXMAN (Epidemiology Department)
$230,782 01/01/07 - 12/31/07

Structure and Function of a Signal-Regulated Developmental Enhancer
SCOTT E BAROLO (Cell and Developmental Biology)
$1,444,000 09/14/07 - 08/31/12

Understanding Racial Disparities in Cancer Surgery
JOHN D BIRKMEYER (General Surgery Section)
$671,394 09/14/07 - 08/31/12

Structure, Process and Outcomes in Cancer Surgery
JOHN D BIRKMEYER (General Surgery Section)
$90,107 09/01/07 - 08/31/08

Translational Research in Cancer Prevention
DEAN E BRENNER (Int Med-Hematology/Oncology)
$40,000 09/20/07 - 08/31/09

University of Michigan CCOP Research Base
DEAN E BRENNER (Univ of Mich Cancer Center)
$14,723 08/03/06 - 05/31/08

Genetics, Brain Activity, and Relapse to Alcoholism
KIRK J BROWER (Psych Substance Abuse)
With MARGIT BURMEISTER (Molecular & Behav Neurosc Inst)
$372,913 09/20/07 - 08/31/09

Dynamics of Vascular Microbubbles and Microdroplets in Gas Embolotherapy
JOSEPH L BULL (Biomedical Engineering)
With J BRIAN FOWLKES (Radiology Department); OLIVER DANIEL KrippFGANS (Radiology Department)$1,693,156 09/12/07 - 05/31/11

Michigan Center for Integrative Approaches to Health Disparities (CIAHD)
ANA V DIEZ ROUX (Epidemiology Department)
With JAMES S JACKSON (RCGD-Rsrch Cntr for Grp Dyn); GEORGE A KAPLAN (Epidemiology Department); SHARON REILLY KARDIA (Epidemiology Department); JEFFREY D MORENOFF (Population Studies Center); TRIVELLORE E RAGHUNATHAN (Biostatistics Department); MELVYN RUBENFIRE (Int Med-Cardiology); ELIZABETH A YOUNG (Molecular & Behav Neurosc Inst)
$6,936,508 09/01/07 - 08/31/12
Normal and Aberrant Switch Recombination to the Murine Alpha Heavy Chain Gene
WESLEY DUNNICK (Microbiology and Immunology)
With DAVID O FERGUSON (Pathology Department)
$411,666 09/17/07 - 08/31/09

Effects of Physical Assistance on Walking Balance
DANIEL P FERRIS (Division of Kinesiology)
$56,884 10/01/07 - 09/30/09

Unique Surface Structures on Synovial Cells
DAVID A FOX (Int Med-Rheumatology)
$1,448,720 09/01/07 - 08/31/12

Predictors of Adherence and Continuity for Parents of Newborns
GARY L FREED (Pediatrics-Ambulatory Care Pgm)
With KATHRYN LOUISE MOSELEY (Pediatrics-Ambulatory Care Pgm)
$395,172 09/25/07 - 08/31/10

Variation in Immunization Practices
GARY L FREED (Pediatrics-Ambulatory Care Pgm)
With SARAH J CLARK (Pediatrics-Ambulatory Care Pgm); MATTHEW M DAVIS (Pediatrics-Ambulatory Care Pgm)
$300,000 09/30/06 - 09/29/08

Ecologic Stressors, PTSD, and Drug Use in Detroit
SANDRO GALEA (Epidemiology Department)
With ALLISON ELIZABETH AIELLO (Epidemiology Department); JORGE DELVA (School of Social Work); LARRY M GANT (School of Social Work); ROBERT W MARANS (SRC-Survey Research Center); TRIVELLORE E RAGHUNATHAN (Biostatistics Department); KRISTINE ANN SIEFERT (School of Social Work)
$3,181,615 09/01/07 - 08/31/12

Factors in Aging: Development Research Resources
MYRON P GUTMANN (ICPSR-Archival Development)
$2,869,949 09/01/07 - 08/31/12

Staging Reproductive Aging in Four Cohorts: Issues of Hormone Use Spotting Bias
SIOBAN D HARLOW (Epidemiology Department)
With RODERICK J LITTLE (Biostatistics Department); BIN NAN (Biostatistics Department); JOHN F RANDOLPH JR (Obstetrics and Gynecology Dept)
$1,098,878 09/30/07 - 08/31/10

Developing a Tool to Improve the Quality of Breast Cancer Treatment Decisions
SARAH T HAWLEY (Int Med-General Medicine)
With NANCY K JANZ (Hlth Behavior & Hlth Ed Dept); STEVEN J KATZ (Int Med-General Medicine); LISA A NEWMAN (General Surgery Section); VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)
$334,400 09/20/07 - 08/31/09

Multipotent Lung Mesenchymal Cells in Neonatal Lung Injury
MARC B HERSHENSON (Pediatrics-Pulmonary Medicine)
With SEM H PHAN (Pathology Department)
$1,368,000 09/28/07 - 06/30/11

Hemoprotein-Catalyzed Oxygenation of Carcinogens
PAUL F HOLLENBERG (Pharmacology Department)
$2,058,069 09/01/07 - 07/31/12

Microtubule Mechanisms at the Nanoscale
ALAN J HUNT (Biomedical Engineering)
$1,098,906 09/21/07 - 08/31/11

Diet and Exercise Counseling Among Patients with CHD
ELIZABETH JACKSON (Int Med-Cardiology)
$254,070 05/01/07 - 07/31/09
Drug Use and Life Styles of American Youth
LLOYD D JOHNSTON (SRC-Studies of Youth)
  With JERALD G BACHMAN (SRC-Studies of Youth); PATRICK M O’MALLEY (SRC-Studies of Youth); JOHN E SCHULENBERG (SRC-Studies of Youth)
  $24,821,647 08/01/07 - 07/31/12
A Cohort-Sequential Panel Study of Drug Use, Ages 19-50
LLOYD D JOHNSTON (SRC-Studies of Youth)
  With JERALD G BACHMAN (SRC-Studies of Youth); PATRICK M O’MALLEY (SRC-Studies of Youth); JOHN E SCHULENBERG (SRC-Studies of Youth)
  $8,239,782 08/01/07 - 07/31/12

Antipsychotics and Mortality in Older Patients
HELEN C KALES (Psych Vamc)
  With FREDERIC C BLOW (Psych HlthSvc Outcome Research);
  HYUNGJIN MYRA KIM (Ctr Statistical Consul & Res); JOHN F MCCARTHY (Psych Vamc);
  MARCIA ANN VALENSTEIN (Psych Vamc)
  $1,324,214 09/07/07 - 04/30/10

Hormone-Receptor-MMP Axis in Degenerative TMJ (Temporomandibular Joint) Diseases
SUNIL D KAPILA
  (Orthodontics/Pediatric Dentist)
  With THOMAS M BRAUN (Sch of Public Hlth-Dean's Ofc); RENNY T FRANCESCHI (Periodontics and Oral Medicine); WEI WANG
  (Orthodontics-Dentistry)
  $1,843,000 09/01/07 - 07/31/12

Traumatic Grief and Mental Health Outcomes in Parentally Bereaved Children
JULIE BETH KAPLOW (Psychiatry Department)
  $687,960 07/01/07 - 07/31/11

Alternative Vacuolar Targeting Mechanisms in Yeast
DANIEL J KLIONSKY (Life Sciences Institute-Admin)
  $2,628,046 09/28/07 - 05/31/11

A Life-Cycle Analysis of Health, Family Structure, Wealth and Retirement
JOHN P LAITNER (SRC - Life-Cycle Economics)
  With CHRISTOPHER L HOUSE (SRC-Hrs); DANIEL SUSMAN SILVERMAN (SRC-Hrs); DMITRIY L STOLYAROV (SRC-Hrs)
  $1,193,649 09/15/07 - 07/31/10

Brain and Behavior in Early Iron Deficiency Anemic Infants
BETSY LOZOFF (Center for Human Growth & Dev)
  With ROSA M ANGULO-BARROSO (Center for Human Growth & Dev);
  NIKO KACIROTI (Center for Human Growth & Dev)
  $6,261,696 07/01/07 - 07/31/12

Neuromaturational Delays in Iron Deficient Anemic Infants
BETSY LOZOFF (Center for Human Growth & Dev)
  With ROSA M ANGULO-BARROSO (Center for Human Growth & Dev);
  MARGIT BURMEISTER (Center for Human Growth & Dev); BARBARA TRUE FELT (Center for Human Growth & Dev);
  NIKO KACIROTI (Center for Human Growth & Dev); DANIEL P KEATING (Center for Human Growth & Dev);
  CHRISTOPHER STEPHEN MONK (Center for Human Growth & Dev)
  $4,000,877 04/01/07 - 06/30/12

Memory Training: Strategies Underlying Success and Transfer
CINDY ANN LUSTIG (LSA Psychology)
  $124,640 09/15/07 - 08/31/09
The Impact of Innate Neuronal Immunity on Neurotropic Arbovirus Pathogenesis
DAVID MILLER (Int Med-Infectious Diseases)
With ZHAOHUI QIN (Biostatistics Department); DAVID H SHERMAN (Life Sciences Institute-Admin)
$405,000 09/19/07 - 08/31/09

Dizziness in the Emergency Department: A Population-Based Project
LEWIS B MORGENSTERN (Neurology Department)
With A MARK FENDRICK (Int Med-General Medicine)
$796,500 09/05/07 - 07/31/12

Design of Small Molecules Acting at Regulators of G Protein Signaling
RICHARD ROBERT NEUBIG (Pharmacology Department)
$1,613,657 09/30/07 - 08/31/12

Protein-DNA Dynamics in Base Excision DNA Repair
PATRICK O'BRIEN (Biological Chemistry Dept)
$1,444,000 09/25/07 - 07/31/12

Transfer of Children to Level 1 Pediatric Intensive Care Units
FOLAFOLUWA O ODETOLA (Pediatrics-Ambulatory Care Pgm)
With GARY L FREED (Pediatrics-Ambulatory Care Pgm)
$396,900 09/25/07 - 08/31/10

The Epidemiology of Adipokines in Barrett's Esophagus
CHUNG OWYANG (Int Med-Gastroenterology)
$758,981 09/01/07 - 08/31/12

The Role of SEPT9 in Cell Proliferation and Oncogenesis
ELIZABETH M PETTY (Int Med-Molecular Med&Genetics)
$15,756 01/01/07 - 12/31/07

Barriers and Opportunities for Sharing Research Data
AMY PIENTA (ICPSR-Archival Development)
$532,000 09/30/07 - 08/29/09

Supplement to SPORE in Prostate Cancer: Discovering Classes of ETS Gene Fusions in Prostate Cancer
KENNETH J PIENTA (Univ of Mich Cancer Center)
With ARUL M CHINNAIYAN (Pathology Department)
$350,000 06/01/07 - 05/31/08

Role of Diesel and Other Vehicular Exhaust in Exacerbation of Childhood Asthma
THOMAS G ROBINS (Environmental Health Sciences)
With STUART ARTHUR BATTERMANN (Environmental Health Sciences); BARBARA ANNE ISRAEL (Hlth Behavior & Hlth Ed Dept); TOBY C LEWIS (Pediatrics-Pulmonary Medicine); ANNA MUKHERJEE (Biostatistics Department); EDITH A PARKER (Hlth Behavior & Hlth Ed Dept)
$3,986,457 09/18/07 - 06/30/12

In Vivo Screening of Cholinergic Cognition Enhancers
MARTIN FRIEDRICH SARTER (LSA Psychology)
With VINAY VIJAY PARIKH (LSA Psychology)
$367,308 09/01/07 - 08/31/09

Catalysis by Prostaglandin Endoperoxide H Synthases
WILLIAM L SMITH (Biological Chemistry Dept)
With MARC PETERS-GOLDEN (Int Med-Pulm./Critical Care)
$1,841,307 09/01/07 - 07/31/11
Neural Bases of Effectiveness of Individually Tailored Smoking Cessation Messages
VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)
   With ISRAEL LIBERZON (Psychiatry-ASAP); THAD A POLK (LSA Psychology); ROBERT C WELSH (Radiology Department)
   $1,140,000  09/20/07 - 08/31/10
Upgrades for the University of Michigan Center for Structural Biology
JEANNE A STUCKEY (Life Sciences Institute-Admin)
   $312,000  09/20/07 - 09/19/08
U-Turn of the Hepatitis Delta Virus Ribozyme
NILS G WALTER (LSA Chemistry)
   $1,073,709  09/01/07 - 06/30/11
Adenovirus Modulation of Pulmonary Inflammation
JASON B WEINBERG (Pediatrics-Infectious Diseases)
   $390,454  09/01/07 - 08/31/10
Health and Retirement Study
DAVID R WEIR (SRC-Hrs)
   $1,500,000  05/01/07 - 12/31/07
Health and Retirement Study SSA Yr 18 IAA
DAVID R WEIR (SRC-Hrs)
   $2,575,000  09/30/07 - 12/31/07
I2 Rider Supplement to LIDC/IDRI to P30 CA046592-19
MAX S WICHA (Univ of Mich Cancer Center)
   With PEYTON H BLAND (Radiology Department); ELLA A KAZEROONI (Radiology Department); CHARLES R MEYER (Radiology Department); LESLIE EISENBUD QUINT (Radiology Department); BASKARAN SUNDARAM (Radiology Department)
   $114,000  06/01/07 - 05/31/08
University of Michigan Comprehensive Cancer Center Support Grant - caBIG Supplement
MAX S WICHA (Univ of Mich Cancer Center)
   $59,280  06/01/07 - 05/31/08
The Molecular Basis of Head and Neck Cancer Therapy - Bridging Funds Request
GREGORY T WOLF (Otorhinolaryngology Department)
   With THOMAS E CAREY (Kresge Hearing Research Inst); KITRINA G CORDELL (Oral Med/Path/Oncology); NISHA J DSILVA (Oral Med/Path/Oncology); JONATHAN B MCHUGH (UMH H.O. Core Pathology); JACQUES EDUARDO NOR (Cariology,Restor Sci & Endo); MUKESH KUMAR NYATI (Radiation Oncology - Ann Arbor); JEREMY M G TAYLOR (School of Nursing)
   $1,148,858  07/01/07 - 06/30/08
Structure and Function of Problems in the Unfolded Protein Response
ZHAOHUI XU (Life Sciences Institute-Admin)
   $121,038  09/24/07 - 08/31/08
Computational Statistical Approaches to Gene-Environment Interaction
SEBASTIAN K ZOELLNER (Biostatistics Department)
   With MICHAEL LEE BOEHNKE (Biostatistics Department); NOAH A ROSENBERG (Human Genetics Department)
   $1,116,600  07/01/07 - 07/31/10
IL-17+ Cells in the Human Tumor Microenvironment
WEIPING ZOU (Surgery Department)
   $76,000  08/01/07 - 07/31/08
Henry Ford Health System
The Impact of Diabetes Control on Employment and Work Productivity
SANDEEP VIJAN (Int Med-General Medicine)
   $13,119  08/01/07 - 07/31/08
Honda R & D Company, Ltd.
The Honda Visiting Scientist Program - Dowling DAVID R DOWLING (Mechanical Engineering)
   $45,000  06/01/07 - 07/31/08
Hope Foundation, The
Aventis Urologic Oncology Fellowship Program through SWOG
    CHERYL T LEE (Urology Surgery)
    $50,000 01/01/07 - 12/31/07

ICON Clinical Research, Inc.
A 12-Week, Multicenter, Randomized, Double-Blind, Parallel-Group Study of the Combination of ABT-335 and Rosuvastatin Compared to ABT-335 and Rosuvastatin Monotherapy in Subject with Type IIa and IIb Dyslipidemia
    ROBERT S ROSENSON (Int Med Cardiology)
    $25,864 07/01/07 - 06/30/08

InformMed, Inc
InformMed Database Validation
    JAMES G STEVENSON (College of Pharmacy)
    $4,663 09/01/07 - 10/31/07

Innovative BioTherapies
Recharge - Industry Users of the University of Michigan Dental School Histology and Molecular Biology Cores
    CHARLOTTE M MISTRETTA (Office of Research - Dentistry)
    $242 07/01/07 - 06/30/08

Interior, Department of the
Measuring River Cross Section with Radar
    MAHTA MOGHADDAM (CoE EECS-Rad)
    $36,000 06/30/07 - 06/30/09

Great lakes Summer Student Fellowship Program 2008
    EDWARD S RUTHERFORD (SNRE CILER)
    $15,000 07/01/07 - 06/30/12

International Business Machines Corporation
Direct Nanopatterning of Conductors for Molecular & Ultrahigh Density Applications
    STEPHEN R FORREST (CoE EECS-Ssel)
    $33,000 07/01/07 - 06/30/08

International Council for Canadian Studies
Transboundary Environmental Governance: The Second Century
    BARRY GEORGE RABE (G. Ford Sch of Public Policy)
    $13,000 09/12/07 - 01/15/09

Jet Propulsion Laboratory
DRDF - Surface and Subsurface Chemistry on Titan
    SUSHIL K ATREYA (Atm, Oceanic & Space Sci.)
    $80,000 08/14/07 - 07/20/08

Multidisciplinary System Engineering: Development of a CubeSat for Ionospheric Electric Field Measurements
    NILTON O RENNO (Space Physics Research Lab)
    $20,000 09/05/07 - 07/20/08

Johns Hopkins University
Childhood Development After Cochlear Implantation
    TERESA A ZWOLAN (Otology-Neurotology)
    $69,085 07/06/07 - 06/30/08

Justice, Department of
Using Technology to Combat Violence Against Women: The Case for Indian Country
    GAVIN STUART CLARKSON (School of Information)
    $499,984 08/01/07 - 08/31/10

Custody Evaluators Beliefs about Domestic Abuse Allegations
    DANIEL G SAUNDERS (School of Social Work)
    $318,212 08/01/07 - 07/31/09

Evaluation of the ILAB Matrix for Monitoring International Labor Standards
    LAWRENCE ROOT (Inst of Labor & Industrial Rel)
    $199,965 09/17/07 - 03/16/09
Law Library Microform Consortium
LLMC-Digital: Conversion Services FY08
CHARLES PERRY WILLETT
(University Library)
$150,000  07/01/07 - 06/30/08

Los Alamos National Laboratory
Advanced Methods for the Analysis of Image & Image-Like Data
SELEIM ESEDOGLU (LSA Mathematics)
$17,635  01/01/06 - 12/31/08

Los Alamos National Security, LLC
Particle Identification and Oscillation Sensitivity Analysis for MiniBooNE Experiment (Year 3 Funding)
HAIJUN YANG (LSA Physics)
With BYRON P ROE (LSA Physics)
$60,000  10/01/06 - 09/30/08

Lumina Foundation for Education
JOHN C BURKHARDT (SOE- CSHPE)
$51,300  06/01/07 - 06/01/08

Lupus Foundation of America
Mechanisms of Abnormal Phenotype and Function of Bone Marrow Endothelial Progenitor Stem Cells
MARIANA J KAPLAN (Int Med-Rheumatology)
With WILLIAM J MCCUNE (Int Med-Rheumatology); EMILY CATHERINE SOMERS (Int Med-Rheumatology)
$100,000  10/01/07 - 09/30/08

MacArthur, John D. and Catherine T., Foundation
The Preservation of the Project on Human Development in Chicago Neighborhood Research and Human Subjects Materials
CHRISTOPHER D MAXWELL (ICPSR-Archival Development)
$63,300  09/01/07 - 08/31/08

MD Primer, Inc.
Scleroderma Pulmonary Hypertension Quality Enhancement Research Initiative (S-QuERI)
KRISTINE PHILLIPS (Int Med-Rheumatology)
$121,500  09/14/07 - 09/13/13

Merck and Company, Inc.
Activity of Aurora Kinase Inhibitor MK-0457(VX-680) in Imatinib Resistant Chronic Myelogenous Leukemia
NICHOLAS J DONATO (Int Med-Hematology/Oncology)
With MOSHE TALPAZ (Int Med-Hematology/Oncology)
$41,600  08/01/07 - 07/31/08

Michigan Campus Compact
The ARThouse project
CHARLES C BRIGHT (LSA UG: Residential College)
$5,980  09/01/07 - 08/31/08

Michigan State University
Identification of Probiotic Lactobacillus Reuteri Strains for the Treatment of Pediatric Diarrhea
KATHRYN A EATON (Lab Animal Medicine Unit)
$101,081  06/01/07 - 05/31/09

PCR Microarray Fabrication for Pathogen Detection
ERDOGAN GULARI (Chemical Engineering Dept)
$249,550  01/18/07 - 04/18/10

Mathematicians and Mathematic Educators Collaborating on Capstone Courses for Secondary Teachers
KIRK EDWARD WELLER (Flint Mathematics)
$16,000  01/07/08 - 05/02/08

Michigan, State of, Michigan Economic Development Corporation
Regional Economic Models
GEORGE A FULTON (Inst of Labor & Industrial Rel)
$100,000  10/01/07 - 09/30/08
Michigan, State of, Transportation, Department of
Assessment of Effectiveness of Proposed "Keep Right Pass Left" Signs on Two-Lane Rural Freeways
FRANCOIS DION (Transportation Systems Group)
$24,925 09/11/07 - 12/28/08

Mott, Ruth Foundation
Collaborative Evaluation of the Ruth Mott Foundation's Beautification Program
THOMAS M REISCHL (Hlth Behavior & Hlth Ed Dept)
With SUSAN MORREL-SAMUELS (Hlth Behavior & Hlth Ed Dept); MARC A ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)
$590,679 08/01/07 - 07/31/10

National Aeronautics and Space Administration
The Detection of Hot Gaseous Halos Around Spiral Galaxies
JOEL N BREGMAN (LSA Astronomy)
$24,000 09/26/07 - 09/25/08
Multidisciplinary Passive/Active Optimization of Helicopter Rotors for Vibration and Noise Reduction
PERETZ P FRIEDMANN (Aerospace Engineering)
$30,000 09/01/07 - 08/31/08
Michigan Initiative on Student NASA Exploration Research (MISNER)
ALEC D GALLIMORE (Aerospace Engineering)
$46,000 07/01/07 - 06/30/09
The Interaction of Fast Flowing Plasmas with Nonmagnetic Solar System Bodies
ANDREW F NAGY (Space Physics Research Lab)
$24,000 09/01/07 - 08/31/08
Development of a Geosynchronous Temperature and Humidity Sounder/Imager: Year 3 Renewal
CHRISTOPHER S RUF (Atm, Oceanic & Space Sci.)
$24,000 09/01/07 - 08/31/08

Hurricane Imaging Radiometer (HIRad):
OMEGA DBE
CHRISTOPHER S RUF (Space Physics Research Lab)
$150,000 08/10/07 - 08/09/08
NADINE BARBARA SARTER (Center for Ergonomics)
$745,565 09/10/07 - 09/09/10
An Optical Survey for Space Debris in Geosynchronous Orbit
PATRICK O SEITZER (LSA Astronomy)
$76,680 06/01/07 - 06/30/08
Spacecraft Optimization: Coupling Trajectory, Propulsion, and Power Systems
THOMAS H ZURBUCHEN (Space Physics Research Lab)
$30,000 09/01/05 - 08/31/08

National Bureau of Economic Research
Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$524,683 10/01/06 - 09/30/09

National Childhood Cancer Foundation
Chair Grant Year 5 Renewal Amendment - Study Chair, Children's Oncology Group Chair's Grant
PATRICIA L ROBERTSON (Pediatrics - Neurology)
$13,212 03/01/07 - 02/28/08

National Endowment for the Humanities
The Golden Chronicle: Translation of a 20th Century Tibetan Text
DONALD S LOPEZ JR (LSA Asian Languages & Cultures)
$100,000 01/01/08 - 12/31/08

National Science Foundation
DHB: The Dynamics of Political Representation and Political Rhetoric (subcontract)
STEVEN P ABNEY (LSA Linguistics)
$15,760 09/01/06 - 08/31/08
PIRE (Partnerships for International Research and Education) Collaborative Research and Training in Social Context, Population Processes, and Environmental Change
  WILLIAM G AXINN (Pop Studies-Research)
  $2,492,303  10/01/07 - 09/30/12
Collaborative Research: Sustainability in Disruptive Technology Contexts: Dynamic Capabilities and the Locus of Innovation
  BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)
  $150,000  11/01/07 - 10/31/10
Planning Visit for US-China-EU Collaborative Research on Coupled Ecological and Human Dynamics Poyang Lake Basin, China
  KATHLEEN MARY BERGEN (Sch of Nat Resources & Environ)
  With SHUMING BAO (LSA II:International Institute); DANIEL G BROWN (Sch of Nat Resources & Environ)
  $19,998  09/24/07 - 09/30/08
Molecules and the Process of Star and Planet Formation
  EDWIN ANTHONY BERGIN (LSA Astronomy)
  With NURIA PILAR CALVET (LSA Astronomy)
  $367,011  09/15/07 - 08/31/10
CMG Research: Adaptive Mesh Refinement in Climate and Weather-Forecasting: Comparing and Blending Finite Volume Methods with Vortex/Radial Basis Function Algorithms
  JOHN P BOYD (Atm, Oceanic & Space Sci.)
  With CHRISTIANE JABLONOWSKI (Atm, Oceanic & Space Sci.); ROBERT KRASNY (LSA Mathematics)
  $423,865  10/01/07 - 09/30/09
Collaborative Research: Social Identity, Mechanism Design and Equilibrium Selection
  YAN CHEN (School of Information)
  With MARGARET J SHIH (LSA Psychology)
  $232,363  09/01/07 - 08/31/10
III-CIXT: Digital Tribal Government: The Tribal Finance Information Clearinghouse (TFIC)
  GAVIN STUART CLARKSON (School of Information)
  $449,867  09/15/07 - 08/31/10
Fostering Interest in Information Technology (FI3T)
  MESUT DURAN (Dbn School of Education)
  With MARGRET H HOFT (Dbn CASL-Math & Statistics); BRAHIM MEDJAHED (Dbn Col of Eng-Computer & Info); ELSAYED A ORADY (Dbn Col of Eng-Indust & Sys En); PAUL W ZITZEWITZ (Dbn CASL-Natural Sciences)
  $900,000  09/01/07 - 08/31/10
SGER: First Young Investigators Summer Research Institute of the Consortium for the Science Socio-Technical Systems
  THOMAS A FINHOLT (SI Crew)
  $75,028  08/15/07 - 07/31/08
Ion-Cut Synthesis for Materials Integration
  RACHEL S GOLDMAN (Materials Science & Engin.)
  With KATSUYO S THORNTON (Materials Science & Engin.); MICHAEL D THOULESS (Mechanical Engineering)
  $100,000  09/15/07 - 08/31/10
Implementing Supranational Justice: Policymakers and the European Court of Justice
  SCOTT EDWARD LENNARSON GREER (Health Management and Policy)
  $156,055  01/01/08 - 12/31/09
Dechlorination of VC (Vinyl Chloride) and Cis-DCE (Cis-Dichloroethene) by Reduced Iron Minerals Produced Under Iron and Sulfate Reducing Conditions
  KIM F HAYES (Civil & Environmental Engr)
  $341,010  09/15/07 - 08/31/10
Incentives for Data Producers to Create Archive-ready Data Sets
MARGARET L HEDSTROM (School of Information)
With MYRON P GUTMANN (ICPSR-Archival Development)
$49,882 08/01/07 - 07/31/08
(Doctoral Dissertation Improvement Grant)
Language, Space and Identity: Linguistic Practices Among Youth in Lamu (Kenya)
JUDITH T IRVINE (LSA Anthropology)
$11,589 09/01/07 - 03/31/09
SGER: An Exploration of the Presentation Data Model
HOSAGRAHAR V JAGADISH (CoE EECS-Ssrl)
$149,998 09/15/07 - 08/31/09
Collaborative Research: An Experimental Study of Collusion & Communication
KAI-UWE KUHN (LSA Economics)
$198,998 09/01/07 - 08/31/10
A Novel Low Phase Noise Multiple-device Oscillator
AMIR MORTAZAWI (CoE EECS-Rad)
$304,026 09/15/07 - 08/31/10
Independence, Interdependence and Analytic Versus Holistic Cognition
RICHARD E NISBETT (RCGD-Rsrch Cntr for Grp Dyn)
With SHINOBU KITAYAMA (RCGD-Rsrch Cntr for Grp Dyn)
$419,599 09/01/07 - 08/31/10
Controlling Superconducting Qubits
FRANCO M NORI (LSA Physics)
$300,000 09/15/07 - 08/31/10
SGER: Design Technologies for Nanoscale VLSI
MARIOS C PAPAEFFTHYMIOU (CoE EECS-Acal)
$150,000 09/15/07 - 08/31/09
Structural, Mechanistic and Evolutionary Basis for the Utilization of the Quinone Methide Intermediate in the Biosynthesis of Plant Specialized Metabolites
ERAN PICHERSKY (LSA Molec./Cell./Develop. Bio)
$606,608 09/15/07 - 08/31/11
Contextual Investigation of Constraint-Based Dynamic Scheduling
MARTHA E POLLACK (School of Information)
With NED L KIRSCH (Physical Medicine & Rehab Dept); KAREM A SAKALLAH (CoE EECS-Acal)
$801,893 09/15/07 - 08/31/10
Collaborative Research: Mapping the Galactic Arecibo Sky in the 21-cm Line
MARY E PUTMAN (LSA Astronomy)
$249,967 09/15/07 - 08/31/10
Doctoral Dissertation Research
KENNETH RESNICOW (Hlth Behavior & Hlth Ed Dept)
$10,470 09/15/07 - 08/31/08
Workshop Proposal: The 10th International Workshop on Modeling of Mantle Convection and Lithosphere Dynamics
JEROEN RITSEMA (LSA Geological Sciences)
$15,500 09/15/07 - 08/31/08
Computational Foundations of Information Markets
RAHUL SAMI (School of Information)
$270,000 09/01/07 - 08/31/10
Doctoral Dissertation Proposal: Survey Measurement in Aging Societies
NORBERT W SCHWARZ (SRC-Survey Methodology Prog)
$10,272 09/01/07 - 08/31/08
Continuity and Change in American and Social Life: (USDA pass through)
FRANK P STAFFORD (SRC-Psid)
With ROBERT F SCHOENI (SRC-Psid)
$1,000,000 03/01/07 - 02/29/08
Cyclical, Intergenerational, & Life Course Measure & Behavior: The Panel Study of Income Dynamics (ASPE and HUD pass through funding)
FRANK P STAFFORD (SRC-Psid)
With ROBERT F SCHOENI (SRC-Psid)
$385,215 03/01/07 - 02/29/08
Collaborative Proposal: Universal Design of Inquiry-Based Middle and High School Science Curriculum
LEEANN MARIE SUTHERLAND (SOE-Educational Studies)
  With JOSEPH S KRAJCIK (SOE-Educational Studies)
  $1,197,616  09/15/07 - 08/31/11
Collaborative Research: SBES Alliance:
CUNY/Michigan Alliance
JANET A WEISS (Graduate School Administration)
  With TONI C ANTONUCCI (Graduate School Administration)
  $294,320  10/01/07 - 09/30/10
Spatial and Social Networks in Organizational Innovation
JEAN D WINEMAN (Coll of Arch & Urban Planning)
  With GERALD F DAVIS (Ross School of Business); JUDITH SPENCER OLSON (SI Crew);
  JASON D OWEN-SMITH (LSA Sociology); SOPHIA PSARRA (Coll of Arch & Urban Planning)
  $540,000  09/01/07 - 08/31/10

Newberry Library
Mellong Postdoctoral Fellowship - Cellini Among the Freemasons: Language Natural Science and Politics in the Eighteenth Century
THOMAS CHAUNCY WILLETTE (LSA History of Art)
  $20,000  01/01/08 - 05/31/08

Novartis
Extension to, A Multicenter, Randomized, Crossover, Open-Label, Dose-Finding Study to Compare the Safety, Efficacy and PK/PD Relationship of Multiple Doses of SOM230 (200, 400 and 600 ug bid) and Doses of Open-Label Sandostatin (100 ug tid) in Acromegalic Patients
ARIEL L BARKAN (Metabolism, Endo & Diabetes)
  $148,819  11/01/04 - 02/28/07

Peace Corps
Strategy Contract FY08 (Peace Corps Recruitment)
WILLIAM E NOLTING (International Center)
  $13,605  10/01/07 - 09/30/08

Pfizer, Inc.
Family Reading and Science
AMY S HARRIS (LSA UG: Exhibit Museum)
  $9,500  09/01/07 - 08/31/08
Project Healthy Schools: Implementation with At-Risk Populations
LAVAUGHN M PALMA-DAVIS (UMH MWorks Administration)
  $5,000  07/06/07 - 05/31/08

Plastic Surgery Educational Foundation
Breast Reconstruction Decision-Making and Outcomes in Latinas and African-Americans
AMY K ALDERMAN (Plastic Surgery Section)
  $50,000  01/01/08 - 12/31/08

Pohang University of Science & Technology (Postech)
Distributed Detection of Attacks/Intrusions and Prevention of Resource-Starvation Attacks in Mobile Ad Hoc Networks
KANG GEUN SHIN (CoE EECS-Rtcl)
  $74,750  07/01/07 - 06/30/08
<table>
<thead>
<tr>
<th>Institution</th>
<th>Project Description</th>
<th>Investigator</th>
<th>Amount</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>Princeton University</td>
<td>Transduction of Metabolic to Electric Energy through Vectorial Cell Growth</td>
<td>JOERG LAHANN (Chemical Engineering Dept)</td>
<td>$7,599</td>
<td>05/01/07 - 06/30/08</td>
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<tr>
<td>Procter and Gamble Company</td>
<td>IBD Patient Forum Flyer</td>
<td>PETER DOYLE HIGGINS (Int Med-Gastroenterology)</td>
<td>$9,810</td>
<td>07/15/07 - 12/31/08</td>
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<tr>
<td>Purdue University</td>
<td>Racial Differences in Physician-Patient Communication for Cancer Pain Management</td>
<td>JENNIFER J GRIGGS (Int Med-Hematology/Oncology)</td>
<td>$7,113</td>
<td>06/06/07 - 05/31/08</td>
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<tr>
<td>Radiation Monitoring Devices, Inc.</td>
<td>Development of TiBr (Thallium Bromide) Semiconductor Gamma-Ray Spectrometers</td>
<td>ZHONG HE (Nuclear Eng &amp; Radiological Sci)</td>
<td>$500,000</td>
<td>03/15/07 - 03/14/10</td>
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<td></td>
<td>Low Cost Individual Dosimeters Using Solid-State Photomultipliers</td>
<td>DAVID K WEHE (Nuclear Eng &amp; Radiological Sci)</td>
<td>$50,000</td>
<td>02/01/07 - 01/31/09</td>
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<tr>
<td>Sage, Russell, Foundation</td>
<td>Visiting Scholar Program</td>
<td>PHOEBE C ELLSWORTH (LSA Psychology)</td>
<td>$85,214</td>
<td>09/01/07 - 08/31/08</td>
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<td>Visiting Scholar Award</td>
<td>SAMUEL R GROSS (Law Research Faculty Activity)</td>
<td>$114,657</td>
<td>09/01/07 - 06/30/08</td>
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<tr>
<td>San Francisco General Hospital</td>
<td>Adherence and the Economics of Colon Cancer Screening</td>
<td>SANDEEP VIJAN (Int Med-General Medicine)</td>
<td>$62,690</td>
<td>08/16/06 - 07/31/07</td>
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<tr>
<td>Sandia National Laboratories</td>
<td>Peripheral Nerve Devices - 2</td>
<td>DARYL R KIPKE (Biomedical Engineering)</td>
<td>$65,000</td>
<td>09/21/06 - 09/20/07</td>
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<tr>
<td>Sarcoma Alliance for Research Through</td>
<td>Collaboration (SARC)</td>
<td>SCOTT M SCHUETZE (Int Med-Hematology/Oncology)</td>
<td>$21,575</td>
<td>04/30/07 - 10/01/09</td>
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<td>Seashell Technology, LLC</td>
<td>Testing for Seashell Technology, LLC</td>
<td>STEVEN L CECCIO (Mechanical Engineering)</td>
<td>$9,000</td>
<td>07/01/07 - 10/31/07</td>
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<tr>
<td>Shell Oil Company</td>
<td>Shell Oil Company Field Excursion: Jackson Hole, WY</td>
<td>KYGER C LOHMANN (LSA Geological Sciences)</td>
<td>$25,000</td>
<td>08/24/07 - 09/30/07</td>
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<td>St. Jude Children's Research Hospital</td>
<td>Childhood Cancer Survivors Study</td>
<td>JAMES G GURNEY (Pediatrics-Ambulatory Care Pgm)</td>
<td>$28,772</td>
<td>07/01/07 - 11/30/07</td>
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<tr>
<td>St. Luke's Women Center</td>
<td>Grantee Support MI AmeriCorps Partnership - 2007-09</td>
<td>MARGARET E DEWAR (Community Service Learning)</td>
<td>$3,300</td>
<td>09/01/07 - 05/31/09</td>
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<tr>
<td>The American Friends of the Warburg Institute (AFWI)</td>
<td>Samuel H. Kress Visiting Fellowship: Staging the Eucharist-Late Medieval Sacrament Houses Central Europe</td>
<td>ACHIM TIMMERMANN (LSA History of Art)</td>
<td>$47,500</td>
<td>10/01/07 - 06/30/08</td>
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</tbody>
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Therapeutics System Research Lab, Inc. (TSRL, Inc.)
Activity of New, Targeted, Antiviral Drugs and Prodrugs
   JOHN C DRACH (Biologic and Materials Science)
   $325,574  08/15/07 - 07/31/10

Toyota Motor Company, Ltd.
Human Body Data Research Project - Average Adult Male
   STEWART C WANG (General Surgery Section)
   $166,796  09/01/07 - 08/31/08

Toyota Technical Center, USA, Inc.
Pi-Pi Interactions in Polymers
   JENNIFER ANNE MCNEIL (LSA Chemistry)
   $13,000  10/01/07 - 09/30/08

Transportation, Department of-Federal Transit Administration
Evaluating Transportation Equity with the Concept of Accessibility: A Case Study of Detroit
   JOSEPH DONALD GRENGS (Urban Planning)
   $162,533  12/29/06 - 12/28/10

Transportation, Department of-National Highway Traffic Safety Administration
Behavioral Research (Field Data Collection, Statistical Analysis and Focus Groups) for Traffic Safety: Task Order--Fitness to Drive in Early Stage Dementia
   DAVID W EBY (UMTRI-Social & Behav Analysis)
   $198,777  02/06/07 - 05/06/08
   With DAVID JAMES LEBLANC (UMTRI-Engineering Research)

Behavioral, Technology, and Human Factors Research: Task Order--Fitness to Drive in Early Stage Dementia
   DAVID W EBY (UMTRI-Social & Behav Analysis)
   $126,129  08/31/07 - 04/30/09
   With DAVID JAMES LEBLANC (UMTRI-Engineering Research)

Biomechanical Research Support (Year 3 Support)
   LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
   With MATTHEW PAUL REED (UMTRI-Biosciences); JONATHAN DAVID RUPP (UMTRI-Biosciences); MARK R SOCHOR (UMTRI-Biosciences)
   $754,739  04/20/06 - 04/19/08

Biomechanical Research Support (Pre-award Expenses)
   LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
   With MATTHEW PAUL REED (UMTRI-Biosciences); MARK R SOCHOR (UMTRI-Biosciences)
   $34,425  04/01/05 - 04/20/05

Transect Group, Inc.
Assist the Transect Group to Develop and Test the Profiler Certification Module
   TIMOTHY J GORDON (UMTRI-Engineering Research)
   $6,440  09/17/07 - 11/30/07

Troy Chamber of Commerce
The January 2008 Detroit Design Charrette: Walkable Urbanism Strategic Plan
   CHRISTOPHER BROWN LEINBERGER (Urban Planning)
   With LARISSA SUSAN LARSEN (Urban Planning)
   $25,000  07/01/07 - 04/30/08

TRW, Inc.
Determination of Elastic Constants of Brake Pad Material Using Vibration Data
   CHUNHUI MEI (Dbn Coll of Eng-Mechanical Eng)
   $20,000  09/01/07 - 08/31/08

Grid-Size Influence on Simulated Turbulent Burning Velocity in Hydrogen-Air Mixture
   WEI SHYY (Aerospace Engineering)
   $20,000  09/01/07 - 08/31/09
United States Automotive Materials Partnership
Effect of Surface Treatment on Adhesive Joining of Magnesium

PANKAJ K MALLICK (Dbn-Col of Eng & Com Sci-CLAMP)
$50,000  09/01/07 - 08/31/08

University of Berne
Correlating Cytokine Levels to Development of Experimental Gingivitis

WILLIAM V GIANNOBILE (Periodontics and Oral Medicine)
$35,360  07/01/07 - 12/31/07

University of California
Radiation Transport Methods Research for Stochastic Media and Semi-Implicit Time Discretizations

EDWARD W LARSEN (Nuclear Eng & Radiological Sci)
$70,000  08/14/07 - 08/31/08

University of California - Berkeley
Development of High Power Quantum Dot Pump Lasers

PALLAB K BHATTACHARYA (CoE EECS-Ssel)
$10,000  05/01/07 - 10/31/07

Mickey - RWJ Fellowship
ROBERT W MICKEY (LSA Political Science)
$103,040  08/01/07 - 07/31/08

University of California - San Francisco
Genetic and Neural Basis of Sensory Perception, Behavior and Drug Dependence in C. Elegans

XIAN-ZHONG SHAWN XU (Life Sciences Institute-Admin)
$240,000  07/01/07 - 06/30/11

University of Connecticut
Novel Precursors for Plasma Spray Generation of Oxide Nanopowders

RICHARD M LAIN (Materials Science & Engin.)
$110,000  04/16/07 - 04/15/09

University of Illinois at Urbana-Champaign
Membrane Biofilm Studies in ICT-1 Increasing Drinking Water Supplies, to Gain New Waters from and Desalination from the "Sea to Sink to the Sea Again"

LUTGARDE M RASKIN (Civil & Environmental Engr)
$62,500  02/01/06 - 07/31/08

University of Maryland, The
Genome-Wide Search for CVD Gene-Environment Interactions

PATRICIA A PEYSER (Epidemiology Department)
With LAWRENCE F BIELAK (Epidemiology Department); JULIE ANN DOUGLAS (Human Genetics Department)
$105,711  07/15/07 - 05/31/08

Constellation University Institute Project (CUIP)
WEI SHYY (Aerospace Engineering)
With IAIN D BOYD (Aerospace Engineering); CARLOS E CESNIK (Aerospace Engineering); WERNER J A DAHM (Aerospace Engineering); JAMES F DRISCOLL (Aerospace Engineering); KENNETH G POWER (Aerospace Engineering); ANTHONY M WAAS (Aerospace Engineering)
$697,193  10/01/07 - 09/30/08

University of Wisconsin
Further Development and Optimization of the Ballast-Free Ship Design Concept

MICHAEL G PARSONS (Naval Arch & Marine Dept)
$44,000  10/01/07 - 09/30/08

Valley Area Agency on Aging
Healthy Aging Physical Therapy Department Faculty Practice Service Project: Year Three Renewal

LUCINDA A PFALZER (Flint Physical Therapy)
With DONNA KAY FRY (Flint Physical Therapy); LAURA M LOVASCO (Flint Physical Therapy); BECKY J RODDA (Flint Physical Therapy)
$7,106  04/01/07 - 04/30/08
Washtenaw United Way
Hurricane Katrina Evacuees
   CAROLYN J HASTINGS (UMH Housing Bureau/Senior)
       $753       09/10/05 - 12/31/05
Wayne State University
Feasibility of Diabetes Prevention in Arab Americans
   MORTON B BROWN (Biostatistics Department)
       $17,389      09/01/07 - 08/31/08
Tacrolimus and Plasmapheresis in Treatment-Resistant Focal Segmental Glomerulosclerosis (FSGS)
   WILLIAM E SMOYER (Pediatrics-Nephrology)
       $16,875      08/30/06 - 08/31/07
Wisconsin Electric
HRAs and Evaluation of We Energies Health Management Program
   DEE W EDINGTON (Health Management Research Ctr)
       $150,000      01/01/07 - 12/31/10
WorldWide Strategies, Inc (WSI)
Chinese Rule of Law Project
   JINYUN LIU (Inst of Labor & Industrial Rel)
       $1,000      09/01/07 - 09/30/07