The awards detailed in this list were processed October 1, 2007 through October 31, 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></th>
<th>Number of Awards FY 2007</th>
<th>Number of Awards FY 2008</th>
<th>% Change</th>
<th>Value of Awards FY 2007</th>
<th>Value of Awards FY 2008</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Awards Processed (October)</td>
<td>193</td>
<td>264</td>
<td>36.8%</td>
<td>$58,852,504</td>
<td>$85,876,848</td>
<td>45.9%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>147</td>
<td>173</td>
<td>17.7%</td>
<td>$53,968,959</td>
<td>$67,526,336</td>
<td>25.1%</td>
</tr>
<tr>
<td>Research Training</td>
<td>3</td>
<td>12</td>
<td>300.0%</td>
<td>$259,710</td>
<td>$9,675,273</td>
<td>3625.4%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>43</td>
<td>79</td>
<td>83.7%</td>
<td>$4,623,835</td>
<td>$8,675,239</td>
<td>87.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Number of Awards FY 2007</th>
<th>Number of Awards FY 2008</th>
<th>% Change</th>
<th>Value of Awards FY 2007</th>
<th>Value of Awards FY 2008</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Awards Processed Fiscal Year to Date</td>
<td>930</td>
<td>1,082</td>
<td>16.3%</td>
<td>$334,233,693</td>
<td>$437,938,856</td>
<td>31.0%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>708</td>
<td>785</td>
<td>10.9%</td>
<td>$287,823,657</td>
<td>$396,699,410</td>
<td>37.8%</td>
</tr>
<tr>
<td>Research Training</td>
<td>54</td>
<td>68</td>
<td>25.9%</td>
<td>$26,256,586</td>
<td>$20,952,399</td>
<td>(20.2%)</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>168</td>
<td>229</td>
<td>36.3%</td>
<td>$20,153,450</td>
<td>$20,287,047</td>
<td>0.7%</td>
</tr>
</tbody>
</table>

Strong total award growth continues in FY 2008 when compared with FY 2007. October 2007 activity realized improvement in the number of awards processed when compared with the previous October. As a result, dollar values also increased. There were 31 awards valued in excess of $1.0 million processed in October 2007 totaling $56.9 million as compared to 10 large awards in October 2006 totaling $31.9 million. The large drop in award value, between September and October 2007 illustrated on the graph, results from the $24.8 million award processed in September.
<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable Funds</th>
<th>Other Expendable Funds</th>
<th>Total Expendable Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2007</td>
<td>$163,662,947</td>
<td>$62,904,755</td>
<td>$226,567,702</td>
</tr>
<tr>
<td>Percent Change</td>
<td>3.6%</td>
<td>11.4%</td>
<td>5.6%</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.

**Abiomed Inc.**
Training Course for the Abiomed BVS and AB5000 Temporary Ventricular Assist Devices
JONATHAN W HAFT (Cardiac Surgery Section)
$14,600 01/01/07 - 06/30/09

**Abt Associates, Inc.**
Reading First Impact Study
ROBIN LESLIE JACOB (Education and Well Being)
$10,000 09/10/07 - 11/09/07

**ACCESS- Youth and Education (Arab Community Center for Economic and Social Services)**
Grantee Support MI AmeriCorps Partnership - 2007-09
MARGARET E DEWAR (Community Service Learning)
$9,900 09/01/07 - 05/31/09

**Albert Einstein College of Medicine**
Obesity Subtypes, Adiponectin and Incident Stroke among Postmenopausal Women
PETER MANCUSO (Environmental Health Sciences)
$29,554 09/15/07 - 01/31/08

**Alzheimer's Association**
Alzheimer's Caregiving in the Context of Late-life Remarriage
CAREY SHERMAN (SRC-Life Course Development)
$99,826 10/01/07 - 09/30/09

**American Cancer Society**
Regulation of AQP1 and Its Role in the Cellular Innate Immune Response
MARY X D O'RIORDAN (Microbiology and Immunology)
$697,000 01/01/08 - 12/31/11

**American Society for Surgery of the Hand**
The Epidemiology of Distal Radius Fracture in the US Elderly
KEVIN CHI CHUNG (Plastic Surgery Section)
$20,000 11/01/07 - 10/31/09

**American Society for Therapeutic Radiology and Oncology (ASTRO)**
ASTRO/AAPM Radiation Oncology Physics Residency Training Grant
JOANN ISABELLA PRISCIANDARO (Radiation Oncology - Ann Arbor)
$12,000 09/01/07 - 08/31/08

**Ann Arbor Public Schools**
Enabling Adolescents in Culturally Diverse Environments to Peacefully Resolve Ethnic Group Conflicts
CHARLES D GARVIN (School of Social Work)
With HENRY O MEARES (School of Social Work); MICHAEL SPENCER (School of Social Work)
$3,500 09/01/07 - 08/31/08

**Arbor Research Collaborative for Health**
International Dialysis Outcomes & Practice Patterns Study (I-DOPPS)
RAJIV SARAN (Int Med-Nephrology)
With RICHARD A HIRTH (Health Management and Policy); JOHN D KALBFLEISCH (Biostatistics Department)
$263,223 08/01/06 - 07/31/07

**ArchieMD, Inc.**
An Interactive Informed Consent Program for Cardiac Procedures
ALAN TAIT (Anesthesiology Department)
$59,915 09/01/07 - 08/31/08
Aspect Medical Systems
Multi-Center Study on the Incidence of Intraoperative Awareness and Recall in the Pediatric Population Undergoing Anesthesia
SHOBHA V MALVIYA (Anesthesiology Department)
$23,750 01/01/08 - 12/01/08

Atkins, Dr. Robert C. and Veronica, Foundation
Project Healthy Schools: A Community-University Collaboration between Ann Arbor, MI and the University of Michigan
KIM ALLEN EAGLE (Int Med-Cardiology)
With CAREN S GOLDBERG (Pediatric & Comm Diseases Dept)
$75,000 01/19/07 - 01/18/08

Dietary Fatty Acid Compositin and Obesity-Related Metabolic Abnormalities
JEFFREY F HOROWITZ (Division of Kinesiology)
With CHARLES BURANT (Metabolism, Endo & Diabetes);
SUBRAMANIAM PENNATHUR (Int Med-Nephrology)
$440,920 05/10/07 - 05/10/09

Bayer Corporation
2008 Bayer Fellowship in Diagnostic Imaging
N REED DUNNICK (Radiology Department)
$27,000 08/01/07 - 07/31/08

BHP Billiton Marketing V.V.
Renewable Energy Solutions for BHP Billiton
GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)
$7,642 07/01/07 - 12/31/07

Breast Cancer Research Foundation, The
Characterizing Novel Genes Involved in Estrogen Stimulated Growth in Breast Cancer
MARC E LIPPMAN (Int Med-Hematology/Oncology)
With JAMES M RAE (Int Med-Hematology/Oncology)
$250,000 10/01/07 - 09/30/08

SOFIA D MERAJVER (Int Med-Hematology/Oncology)
$249,999 10/01/07 - 09/30/08

A Randomized Comparison of IMRT and 3D Radiotherapy in Node Positive Breast Cancer
LORI J PIERCE (Radiation Oncology - Ann Arbor)
$250,000 10/01/07 - 09/30/08

Design and Development of New Therapy for the Treatment of Human Breast Cancer by Overcoming Apoptosis Resistance of Breast Cancer Cells
SHAOMENG WANG (Int Med-Hematology/Oncology)
With HAIYING SUN (Int Med-Hematology/Oncology)
$250,000 10/01/07 - 09/30/08

Breast Cancer EMT Program
STEPHEN J WEISS (Life Sciences Institute-Admin)
With XIAO-YAN LI (Life Sciences Institute-Admin)
$250,000 10/01/07 - 09/30/08

Brookhaven National Laboratory
Workshop on Precision Polarimetry For The EIC
WOLFGANG B LORENZON (LSA Physics)
$2,000 06/01/07 - 09/30/07

Burlew, Ann K., PhD.
Recharge: Data Analysis and Statistical Consulting Services
EDWARD D ROTHMAN (Ctr Statistical Consul & Res)
With BRENDA WILSON GILLESPIE (Ctr Statistical Consul & Res);
HYUNGJIN MYRA KIM (Ctr Statistical Consul & Res);
ANANDA SEN (Ctr Statistical Consul & Res);
KATHLEEN B WELCH (Ctr Statistical Consul & Res);
BRADY THOMAS WEST (Ctr Statistical Consul & Res);
LINGLING ZHANG (Ctr Statistical Consul & Res)
$509 09/01/06 - 06/30/08
California Institute of Technology
PLaNetS: Physics Lambda Network System
SHAWN P MCKEE (LSA Physics)
$80,000 08/01/07 - 07/31/09

CardioFocus Inc.
Pivotal Clinical Study of the CardioFocus Endoscopic Ablation System (CF-EAS) for the Treatment of Symptomatic Atrial Fibrillation (ENABLE-AF)
ERIC D GOOD (Int Med-Cardiology)
$103,300 10/01/07 - 09/30/09

Central European University
Civil Society and Ethnic Conflict - Continuation of Project
ASHUTOSH VARSHNEY (LSA Political Science)
$33,140 04/01/07 - 12/31/07

Cheju National University
Development of a Buried Expansion Joint for Highway Bridges: Phase II
SHERIF EL-TAWIL (Civil & Environmental Engr)
With ANTOINE E NAAMAN (Civil & Environmental Engr)
$40,421 08/30/07 - 06/29/08

Columbia University
ATLAS Great Lakes Tier 2 Center (Supplement for Period 10/01/07 Thru 12/31/07)
SHAWN P MCKEE (LSA Physics)
$36,000 10/01/07 - 01/31/08
Expression of Human Mutant Butyrylcholinesterase in Goats
ROGER K SUNAHARA (Pharmacology Department)
$45,600 09/01/07 - 08/31/08
Maintenance and Operation of the WBS 3.5.1 Muon System (Supplement for period 10/01/07 thru 12/31/07)
BING ZHOU (LSA Physics)
With J WEHRLEY CHAPMAN (LSA Physics); HOMER A NEAL (LSA Physics)
$91,455 10/01/07 - 01/31/08

Commerce, Department of-National Oceanic and Atmospheric Administration
MSG GLERL Extension
DONALD SCAVIA (SNRE Michigan Sea Grant)
$153,417 02/01/07 - 01/31/09

Commissariat A l'Energie Atomique
Experimental Study and Characterization of Uranium (IV) Phases
RODNEY C EWING (LSA Geological Sciences)
$54,173 10/27/06 - 04/27/08

Community Foundation for Southeastern Michigan
Borderlands: International Architecture Workshop
GRETCHEN LEE WILKINS (Coll of Arch & Urban Planning)
$15,000 09/28/07 - 09/27/08

Community Foundation of Greater Flint
American Democracy Project Workshops and Programs
RENEE COLEEN ZIENTEK (Flint University Outreach)
$16,500 09/04/07 - 12/31/07

Concerned Parents for AIDS Research
A Search for a Viral Cause of AIDS Lymphoma
DAVID M MARKOVITZ (Int Med-Infectious Diseases)
$110,000 10/01/07 - 09/30/08

Concert for the Cure
Abnormal HIP-1 and Cancer Biology
THEODORA S ROSS (Int Med-Hematology/Oncology)
$799,997 01/01/07 - 12/31/16

Connecticut General Life Insurance Company
Addendum No. 3 to Services Agreement DRDA 383838
DEE W EDINGTON (Health Management Research Ctr)
$77,500 10/15/07 - 10/15/08

Constellation Technology Corporation
Evaluation and Testing of 3D Fully-Pixellated Iodide Gamma-Ray Spectrometers
ZHONG HE (Nuclear Eng & Radiological Sci)
$53,248 09/16/07 - 07/15/08
Cornell University
Soil Calcium and Reproduction of Sugar Maple in Northeastern Forests: Michigan Subaward
JOEL D BLUM (LSA Geological Sciences)  
$40,000  06/01/07 - 05/30/09

Corporation for Public Broadcasting
Corporation for Public Broadcasting Community Service Grant
STEPHEN SCHRAM (Michigan Radio)  
$244,609  10/01/07 - 09/30/09
Corporation for Public Broadcasting Community Service Grant
JENNIFER BETH WHITE (Michigan Television)  
$319,687  10/01/07 - 09/30/09
Corporation for Public Broadcasting Interconnection Grant
JENNIFER BETH WHITE (Michigan Television)  
$6,706  10/01/07 - 09/30/08

Defense, Department of-Air Force, Department of the
Development of Wideband (2-6 GHz) Channelizers and Investigation of Novel Channelizer Ideas
KAMAL SARABANDI (CoE EECS-Usl)  
$10,000  11/01/07 - 12/31/07

Defense, Department of-Navy, Department of the
Real-Time Feature-based Ship-Hull Inspection with the HAUV
RYAN M EUSTICE (Naval Arch & Marine Dept)  
$150,000  09/01/07 - 08/31/10

Comparsion of HBOC-201 with a Next Generation Hemoglobin Based Oxygen Carrier in a Model of Major Arterial Injury in Swine
SUSAN A STERN (Emergency Medicine Admin)  
$263,076  09/24/07 - 09/23/08

Defense, Department of-Navy, Department of the-Subcontracts
High-power Eye-safer Diode-Pumped Fiber Laser Arrays (Thrust Area #1: Solid State Lasers)
ALMANTAS GALVANAUSKAS (CoE EECS-Usl)  
$412,603  09/30/07 - 09/29/10

Diamyd, Inc.
Project Manager for Preclinical and Clinical Development of HSV Gene Therapy
DAVID J FINK (Neurology Department)  
$4,975  10/01/07 - 12/31/07

Duke, Doris, Charitable Foundation
Misoprostol as a risk factor in clostridial endometritis
DAVID ARONOFF (Int Med-Infectious Diseases)
With LISA H HARRIS (Obstetrics and Gynecology Dept)  
$405,000  10/01/07 - 07/31/10

Maternal Adiposity, Placental Development and Fetal Growth
VINOD K MISRA (Pediatrics-Genetics)
With CHARLES F SING (Human Genetics Department)  
$405,000  10/01/07 - 07/31/10

Energy Foundation, The
Detailed Analysis of the Automotive Market
WALTER S MCMANUS (UMTRI-Automotive Analysis Div.)  
$5,000  03/01/07 - 02/29/08

Engagement Health
Health Risk Appraisals for Clients
DEE W EDINGTON (Health Management Research Ctr)  
$70,000  01/01/08 - 12/31/09

Environmental Protection Agency
EPA Science To Achieve Results (STAR) Fellowship for Gretchen Gehrke
JOEL D BLUM (LSA Geological Sciences)  
$51,000  09/01/07 - 08/31/10
Exelixis, Inc.
UMCC2007.062: A Phase 1 Dose-Escalation Study of the Safety, Pharmacokinetics, and Pharmacodynamics of XL228 Administered Intravenously to Subjects with Advanced Malignancies
  MOSHE TALPAZ (Int Med-Hematology/Oncology)
  $1,161,804  09/26/07 - 09/25/10

Florida State University
Child-Instruction Interactions in Reading: Examining Causal Effects of Individualized Instruction in First Through Third Grade
  FREDERICK J MORRISON (LSA Psychology)
  $39,955  09/01/07 - 05/31/11

Ford Foundation
Promoting Equity in Higher Education
  EDWARD P ST JOHN (Ctr for Inst Diversity)
  $199,670  09/01/07 - 08/31/08

Ford Motor Company
Diesel EGR Cooler Fouling Model
  DIONISSIOS N ASSANIS (Mechanical Engineering)
  $200,000  08/01/07 - 07/31/09
  Development of AutoUpgrade Software Tool for Text Search Engine
  YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)
  $21,888  10/01/07 - 04/30/08
  Vehicle Safety Optimization from Engineering and Consumer Perspectives
  PANOS Y PAPALAMBROS (Mechanical Engineering)
  With MICHAEL KOKKOLARAS (Mechanical Engineering); MATTHEW PAUL REED (UMTRI-Biosciences)
  $190,000  01/01/08 - 12/31/09

Genentech, Inc.
Diagnosis and Adaptation for Fuel-Flexible Combustion
  ANNA G STEFANOPOULOU (Mechanical Engineering)
  $156,756  08/01/07 - 07/31/09

Fox, Michael J., Foundation for Parkinson's Research
Serotonin and Sleep Disordered Breathing in Parkinson's Disease
  ROGER L ALBIN (Neurology Department)
  With NICOLAAS BOHNEN (Radiology Department); RONALD DAVID CHERVIN (Neurology Department)
  $729,529 11/01/07 - 10/31/10

Gadjah Mada University
Civil Society and Ethnic Conflict - Supplemental Funding
  ASHUTOSH VARSHNEY (LSA Political Science)
  $12,000  06/01/07 - 06/30/08

General Electric Company
LMC Casting Experiments on Single Crystal Superalloys (GEAE USA Program)
  TRESA M POLLOCK (Materials Science & Engin.)
  $42,000  06/01/07 - 12/31/07

General Motors Corporation
Nanofluids for Next-Generation Vehicle Thermal Management
  ALBERT J SHIH (Mechanical Engineering)
  With KEVIN PATRICK PIPE (Mechanical Engineering)
  $90,000  09/10/07 - 12/31/07
Genzyme Corporation
SHIN MINEISHI (Int Med-Hematology/Oncology)
$275,000 09/01/07 - 08/31/13
Evaluation of Systematic Versus Intranasal Delivery of Anti-TGF Beta Monoclonal Antibody Effects on Bleomycin Induced Lung Injury and Fibrosis
SEM H PHAN (Pathology Department)
$114,250 10/04/07 - 10/30/08

Gethsemane Missionary Baptist Church
Grantee Support MI AmeriCorps Partnership - 2007-09
MARGARET E DEWAR (Community Service Learning)
$6,600 09/01/07 - 05/31/09

Grand Rapids Community Foundation
Public Education Radio Project
STEPHEN SCHRAM (Michigan Radio)
$25,000 08/01/07 - 05/31/08

Greening of Detroit
Grantee Support MI AmeriCorps Partnership - 2007-09
MARGARET E DEWAR (Community Service Learning)
$13,980 09/01/07 - 05/31/09

Guidance Center, The
Even Start: A Family Learning Community
MICHAEL SPENCER (School of Social Work)
$9,020 10/01/07 - 09/30/08

Health and Human Services, Department of Centers for Disease Control and Prevention
Genessee County REACH 2010 Enhanced Evaluation
DANIEL JAMES KRUGER (Hlth Behavior & Hlth Ed Dept)
With SUSAN MORREL-SAMUELS (Hlth Behavior & Hlth Ed Dept); THOMAS M REISCHL (Hlth Behavior & Hlth Ed Dept); MARC A ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)
$199,872 09/30/07 - 09/29/08
Determinants of Repeated HIV Testing in Sub-Saharan Africa
RACHEL CAMPBELL SNOW (Hlth Behavior & Hlth Ed Dept)
$31,074 09/30/07 - 09/28/08

Health and Human Services, Department of National Institutes of Health
2007 Supplemental Funding Application
Southwest Oncology Group Headquarters Office
LAURENCE H BAKER (Int Med-Hematology/Oncology)
With BRUCE G REDMAN (Int Med-Hematology/Oncology); ANNE F SCHOTT (Int Med-Hematology/Oncology)
$316,222 01/01/07 - 12/31/07
Michigan Center on the Demography of Aging - Supplement
JOHN BOUND (Pop Studies-Research)
With ARLINE T GERONIMUS (Pop Studies-Research)
$127,431 09/15/07 - 12/31/07
Optimization of Bone Regeneration in the Irradiated Mandible
STEVEN R BUCHMAN (Plastic Surgery Section)
With STEVEN A GOLDSTEIN (Orthopedic Surgery); PAUL H KREBSBACH (Biologic and Materials Science)
$1,002,855 09/28/07 - 07/31/11
Advancing Child Health Through Cellular and Molecular Biology
VALERIE P CASTLE (Pediatric & Comm Diseases Dept)
$2,185,128 09/28/07 - 08/31/12
Michigan Institute for Clinical and Health Research (MICHR) - T-award
DANIEL J CLAUW (Mich Inst for Clin & Hlth Resr)
$3,173,525 09/17/07 - 05/31/12
Michigan Institute for Clinical and Health Research (MICHR) - K-award
DANIEL J CLAUW (Mich Inst for Clin & Hlth Resr)
$1,952,955 09/17/07 - 05/31/12
Birth, Muscle, Injury and Pelvic Floor Dysfunction
JOHN O DELANCEY (Obstetrics and Gynecology Dept)
With JAMES A ASHTON-MILLER (CoE Biomechanics); JANIS MIRIAM MILLER (SON-Grants)
$5,802,182 08/01/07 - 08/31/12
Tools for Measuring and Analyzing Cortisol Levels in Population Studies of Health Disparities
ANA V DIEZ ROUX (Epidemiology Department)
With JEFFREY D MORENOFF (Population Studies Center); TRIVELLORE E RAGHUNATHAN (Biostatistics Department); NALINI RANJIT (Epidemiology Department); BRISA NEY SANCHEZ LOYA (Biostatistics Department); ELIZABETH A YOUNG (Molecular & Behav Neurosc Inst)
$1,199,984 09/26/07 - 07/31/11
Training Program in Molecular Hematology
JAMES L FERRARA (Pediatrics-Hematology/Oncology)
$1,910,875 09/25/07 - 08/31/12
Acculturation and Ataque de Nervios in a Community Sample
JOSEPH P GONE (LSA Psychology)
$51,303 01/01/08 - 08/31/09
Visceral Afferent Dysfunction in Diabetic Gastropathy
WILLIAM LEE HASLER (Int Med-Gastroenterology)
$9,750 04/15/06 - 03/31/11
Mental Health Burden Study
STEVEN G HEERINGA (SRC-Survey Methodology Prog)
$1,396,095 09/28/07 - 09/27/10
Transcriptional Deregulation by MLL Fusion Proteins
JAY L HESS (Pathology Department)
With YALI DOU (Pathology Department)
$1,347,425 09/27/07 - 08/31/12
Cancer Biology Training Program
MICHAEL J IMPERIALE (Univ of Mich Cancer Center)
$1,509,660 09/28/07 - 08/31/12
Michigan Center for Urban African American Aging
JAMES S JACKSON (RCGD-Black Americans)
With TONI C ANTONUCCI (SRC-Life Course Development); LETHA CHADIHA (School of Social Work); MARY N HAAN (Epidemiology Department); JAMES W MCNALLY (ICPSR-Archival Development); AMY PIENTA (ICPSR-Archival Development); ROBERT J TAYLOR (School of Soci­ral Work)
$3,406,548 09/30/07 - 06/30/12
Role of the Adapter Protein SH2-B in Adipogenesis
HUI JIN (Molec & Integrative Physiology)
With ORMOND A MACDOUGALD (Molec & Integrative Physiology)
$319,680 09/20/07 - 08/31/10
Health Systems Factors and Patient Outcomes in Breast Cancer
STEVEN J KATZ (Int Med-General Medicine)
With SARAH T HAWLEY (Int Med-General Medicine); VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)
$100,000 09/01/07 - 08/31/08

Ethics of Surrogate Consent for Dementia Research
SCOTT YUNG HO KIM (Psychiatry Depression Center)
With ELIZABETH RA BEATTIE (OHRCR-Ofc Human Res Comp Rev); RAYMOND G DE VRIES (Med Ed/Ofc of Ed Resources&Res);
KENNETH M LANGA (Int Med-General Medicine)
$1,583,004 09/15/07 - 06/30/11

Nanoparticle Enabled Intraoperative Imaging and Therapy
RAOUL KOPELMAN (LSA Chemistry)
With MARTIN A PHILBERT (Environmental Health Sciences);
ALNAWAZ REHEMTULLA (Radiation Oncology - Ann Arbor);
BRIAN DALE ROSS (Radiology Department); OREN SAGHER (Neurosurgery)
$2,616,007 09/30/07 - 08/31/10

Lung Immunopathology Training
NICHOLAS W LUKACS (Pathology Department)
With STEPHEN W CHENSUE (Pathology Department); COLIN S DUCKETT (Pathology Department);
MARC B HERSHENSON (Pediatrics-Pulmonary Medicine); CORY M HOGABOAM (Pathology Department); STEVEN L KUNKEL (Pathology Department); BETHANY B MOORE (Int Med-Pulm./Critical Care); GABRIEL NUNEZ (Pathology Department); MARY X D ORIOordan (Microbiology and Immunology); SEM H PHAN (Pathology Department); THOMAS PATRICK SHANLEY (Pediatrics-Intensive Care); THEODORE J STANDIFORD (Int Med-Pulm./Critical Care); JAMES VARANI (Pathology Department); PETER A WARD (Pathology Department); THOMAS E WILSON (Pathology Department)
$1,565,115 09/25/07 - 08/31/12

Sexual Orientation, Substance Abuse and Mental Health
SEAN ESTEBAN MCCABE (Substance Abuse Center)
With CAROL J BOYD (Substance Abuse Center); JAMES A CRANFORD (Substance Abuse Center); BRADY THOMAS WEST (Ctr Statistical Consul & Res)
$382,039 09/30/07 - 08/31/09

Fetal Postnatal Regulation of Expression of the GH (Growth Hormone) Receptor
RAM K MENON (Pediatrics-Endocrinology)
With FRANK C BROSIUS III (Int Med-Nephrology)
$1,290,918 09/01/07 - 08/31/11

Transcriptional Control of Gastrin
JUANITA L MERCHANT (Int Med-Gastroenterology)
$1,662,965 09/30/07 - 08/31/12
Nod2: A Susceptibility Gene for Crohn's Disease
GABRIEL NUNEZ (Pathology Department)
$1,570,800 09/30/07 - 06/30/12

The Role of SEPT9_v1 in Mammary Tumorigenesis
ELIZABETH M PETTY (Int Med-Molecular Med&Genetics)
$62,290 11/16/07 - 11/15/09

Supplement: Hair Cell Regeneration in the Mature Mammalian Cochlea
YEHOASH RAPHAEL (Kresge Hearing Research Inst)
$38,000 04/01/07 - 03/31/08

Impact of BRG1 Loss in Lung Cancer Development
DAVID N REISMAN (Int Med-Hematology/Oncology)
With THOMAS M BRAUN (Biostatistics Department); CLAIRE W MICHAEL (Pathology Department)
$1,369,900 09/27/07 - 07/31/12

Self-Care to Prevent Birth-Related Urinary Incontinence (UI) in Diverse Women
CAROLYN M SAMPSELLE (School of Nursing)
With DAVID L RONIS (School of Nursing)
$1,912,390 09/30/07 - 05/31/12

Nicotine Regulation of Cortical ACh Release and Behavioral Function
MARTIN FRIEDRICH SARTER (LSA Psychology)
With VINAY VIJAY PARIKH (LSA Psychology)
$1,200,552 09/27/07 - 06/30/11

Genetic Polymorphisms as Additional Predictors of Women's Psychiatric and Perinatal Morbidity
JULIA SCHWARTZ S SENG (Inst/Research Women & Gender)
With SANDRA MARIA VILLAFUERTE MONJE (Molecular & Behav Neurosc Inst)
$265,005 09/29/07 - 04/30/09

Neovascularization Patterns in Corneal Graft Rejection
RONI MINTZ SHTEIN (Ophthalmology & Visual Science)
With VICTOR M ELNER (Ophthalmology & Visual Science)
$960,314 08/01/07 - 08/31/12

Cognitive and Neural Correlates of Uncertainty in Obsessive Compulsive Disorder
STEPHAN F TAYLOR (Psych Hospital & Community Svc)
With RICHARD D GONZALEZ (LSA Psychology)
$147,750 09/28/07 - 09/27/10

T-35 Short Term Biomedical Research Training Program for Students
ROBERT F TODD III (MSA Office of Student Pgmns)
With DAVID R ENGELKE (MSA PIBS); ELIZABETH M PETTY (MSA Office of Student Pgmns)
$1,110,755 09/25/07 - 08/31/12

Development of Functional Limitations in the Built Environment of Mid-Aged Women
KRISTIN M TOMEY (Epidemiology Department)
With DANIEL G BROWN (Sch of Nat Resources & Environ); MARYFRAN R SOWERS (Epidemiology Department)$136,800 09/30/07 - 08/31/09

Identifying and Reducing Cognitive Biases Created by Decision Aids
PETER A UBEL (Behavioral & Decision Sciences)
With MICHAEL COUPER (SRC-Survey Methodology Prog); ANGELA TSAI FAGERLIN (Behavioral & Decision Sciences); BRIAN J ZIKMUND-FISHER (Behavioral & Decision Sciences)
$2,259,864 09/30/07 - 07/31/12
Single-Molecule Analysis of Kinesin Motors in Living Cells
KRISTEN J VERHEY (Cell and Developmental Biology)
With EDGAR MEYHOFER (Mechanical Engineering)
$1,106,723 09/28/07 - 08/31/11
Testing a Computer-Based Parent / Adolescent HIV Communication Intervention for Latinos
ANTONIA M VILLARRUEL (SON-Grants)
With OI-SAENG HONG (SON-(Div II) Division of Hlth); CAROL J LOVELAND-CHERRY (SON-(Div II) Division of Hlth)
$418,000 09/28/07 - 06/30/09
Cortex Changes in Real / Imagined Movement in ALS (Amyotrophic Lateral Sclerosis)
RÖBERT C WELSH (Radiology Department)
With KIRSTEN L GRUIS (Neurology Department); TIMOTHY R B JOHNSON (Biostatistics Department); RACHAEL D SEIDLER (Division of Kinesiology)
$1,421,479 09/30/07 - 05/31/11
Heterogeneous Treatment Effects in Social and Behavioral Sciences
YU XIE (Pop Studies-Research)
With KATHERINE JOANN HOGGATT (Epidemiology Department); SUSAN A MURPHY (SRC-Quantitative Methods); MARCIA ANN VALENSTEIN (Psych Hospital & Community Svc)
$1,064,000 09/29/07 - 05/31/11
A Longitudinal Study of School Dropout and Substance Use
MARC A ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)
With CLEOPATRA HOWARD CALDWELL (Hlth Behavior & Hlth Ed Dept); JACQUELYNNE S ECCLES (Inst/Research Women & Gender); RODERICK J LITTLE (Biostatistics Department); YANGE XUE (Hlth Behavior & Hlth Ed Dept)
$2,893,094 09/30/07 - 08/31/12
Health and Human Services, Department of Office of the Secretary
National Poverty Center
SHELDON H DANZIGER (G. Ford Sch of Public Policy)
With REBECCA M BLANK (G. Ford Sch of Public Policy); KRISTIN S SEEFELDT (G. Ford Sch of Public Policy)
$1,895,536 09/30/07 - 08/31/10
IPA Agreement for Jenny Salesa (extension)
GARY L FREED (Pediatrics-Ambulatory Care Pgm)
$19,825 08/20/07 - 03/31/08
Hemophilia Foundation of Michigan
2007-2008 Maternal and Child Health (MCHB) Grant Award
STEVEN W PIPE (Pediatrics-Hematology/Oncology)
With PAULA L BOCKENSTEDT (Int Med-Hematology/Oncology)
$23,510 06/01/07 - 05/31/08
<table>
<thead>
<tr>
<th>High/Scope Educational Research Foundation</th>
<th>Intel Corporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recharge: Data Analysis and Statistical</td>
<td>Pervasive Media Access with the Blue File System</td>
</tr>
<tr>
<td>Consulting Services</td>
<td>JASON NELSON FLINN (CoE EECS-Ssrl) $60,000 10/01/07 - 12/01/11</td>
</tr>
<tr>
<td>EDWARD D ROTHMAN (Ctr Statistical Consult &amp; Res)</td>
<td></td>
</tr>
<tr>
<td>With BRENDA WILSON GILLESPIE (Ctr Statistical Consult &amp; Res); HYUNGJIN MYRA KIM (Ctr Statistical Consult &amp; Res); ANANDA SEN (Ctr Statistical Consult &amp; Res); KATHLEEN B WELCH (Ctr Statistical Consult &amp; Res); BRADY THOMAS WEST (Ctr Statistical Consult &amp; Res); LINGLING ZHANG (Ctr Statistical Consult &amp; Res)</td>
<td></td>
</tr>
<tr>
<td>$891  01/01/07 - 12/31/07</td>
<td></td>
</tr>
<tr>
<td>Honeywell International</td>
<td>Interior, Department of the</td>
</tr>
<tr>
<td>Reducing Feature Size in Airfoil Molds by</td>
<td>IPA for Dr. Sung Pil Hyun</td>
</tr>
<tr>
<td>Ceramic Stereolithography</td>
<td>KIM F HAYES (Civil &amp; Environmental Engr) $42,600 10/01/07 - 03/31/08</td>
</tr>
<tr>
<td>JOHN W HALLORAN (Materials Science &amp; Engin.)</td>
<td></td>
</tr>
<tr>
<td>$462,154  11/01/07 - 10/31/10</td>
<td></td>
</tr>
<tr>
<td>Hutchinson, Fred, Cancer Research Center</td>
<td>Iowa Foundation for Medical Care</td>
</tr>
<tr>
<td>A Randomized Study to Evaluate the Efficacy</td>
<td>Time Study Project Data Collection and Analysis</td>
</tr>
<tr>
<td>of Mycophenolate Mofetil Added to the Systemic</td>
<td>BRANT E FRIES (Institute of Gerontology)</td>
</tr>
<tr>
<td>Immunosuppressive Regimen First Used for</td>
<td>With MARY LEWIS JAMES</td>
</tr>
<tr>
<td>Treatment of Chronic Graft-Versus-Host Disease:</td>
<td>(Institute of Gerontology) $613,879 09/30/07 - 11/30/08</td>
</tr>
<tr>
<td>FHCRC Protocol No. 1697</td>
<td></td>
</tr>
<tr>
<td>JAMES L FERRARA (Pediatrics-Hematology/Oncology) $11,500 10/19/07 - 03/31/12</td>
<td></td>
</tr>
<tr>
<td>Innovative BioTherapies</td>
<td>Ivoclar Vivadent</td>
</tr>
<tr>
<td>Recharge - Industry Users of the University</td>
<td>Clinical Evaluation of Glass Ceramic Material for Chair-side CAD/CAM Crowns</td>
</tr>
<tr>
<td>of Michigan Dental School Histology and Molecular Biology Cores</td>
<td>DENNIS J FASBINDER (Cariology,Restor Sci &amp; Endo)</td>
</tr>
<tr>
<td>CHARLOTTE M MISTRETTA (Office of Research - Dentistry) $262 07/01/05 - 06/30/08</td>
<td>With JOSEPH DEBRUNE</td>
</tr>
<tr>
<td>$262  07/01/05 - 06/30/08</td>
<td>DENNISON (Cariology,Restor Sci &amp; Endo) $36,205 08/15/06 - 08/14/09</td>
</tr>
<tr>
<td>Institute for Advanced Study</td>
<td></td>
</tr>
<tr>
<td>Mellon Fellowship for Assistant Professors at the Institute for Advanced Study, Princeton</td>
<td></td>
</tr>
<tr>
<td>IAN S MOYER (LSA History) $8,528 07/01/07 - 06/30/08</td>
<td></td>
</tr>
<tr>
<td>Jet Propulsion Laboratory</td>
<td></td>
</tr>
<tr>
<td>Interdisciplinary Scientist (IDS) for the Cassini Interdisciplinary Magnetospheres and Plasma Investigation: Mission Operations and Data Analysis (MO&amp;DA) Efforts</td>
<td></td>
</tr>
<tr>
<td>TAMAS I GOMBOSI (Space Physics Research Lab) $328,450 10/04/07 - 09/30/08</td>
<td></td>
</tr>
<tr>
<td>Johnson, Robert Wood, Foundation</td>
<td></td>
</tr>
<tr>
<td>Robert Wood Johnson Connections Research and Coaching Clinic</td>
<td></td>
</tr>
<tr>
<td>SEAN JOE (School of Social Work) $150,000 10/01/07 - 12/31/07</td>
<td></td>
</tr>
<tr>
<td>Juvenile Diabetes Foundation International</td>
<td></td>
</tr>
<tr>
<td>Novel Intracellular Signaling by the Betacellulin Cytoplasmic Tail Fragment</td>
<td></td>
</tr>
<tr>
<td>PETER J DEMPSEY (Pediatrics-Gastroenterology) $109,035 09/01/07 - 08/31/08</td>
<td></td>
</tr>
</tbody>
</table>
Kaiser Permanente Northern California
Feedback of Treatment Intensification Data to Reduce Cardiovascular Disease Risk
   EVE ASKANAS KERR (Int Med-General Medicine)
   $15,026  09/01/07 - 08/31/08

Korea Institute of Machinery and Materials
Development of Privacy Films with Narrow Viewing Angle
   JINSANG KIM (Materials Science & Engin.)
   $100,000  11/01/07 - 10/31/09

Krell Institute
Stewardship Sciences Workforce Development Graduate Fellow (Year 2-4)
   BRADFORD G ORR (LSA Applied Physics)
   $1,000  09/18/07 - 09/17/08
   DoE Fellowships (Computational Science)
   KENNETH G POWELL (CoE Ctr for Advanced Computing)
   $2,000  09/01/07 - 08/31/08

Laser Design Inc.
Accurate Measurement Denoising of Laser Sensors
   JIE SHEN (Dbn Col of Eng-Computer & Info)
   $30,000  09/17/07 - 09/16/09

Lupus Clinical Trials Consortium
Lupus Clinical Trials Consortium
   WILLIAM J MCCUNE (Int Med-Rheumatology)
   With WENDY E MARDER (Int Med-Rheumatology)
   $32,500  07/01/07 - 12/31/07

Lutheran Medical Center
Online Dental Public Health Curriculum
   AMID ISMAIL (Cariology,Restor Sci & Endo)
   With GEORGE WESLEY TAYLOR (Cariology,Restor Sci & Endo)
   $107,538  01/01/07 - 08/31/11

MACTEC
Atmospheric Dry Deposition Monitoring
   JOHN A WITTER (Sch of Nat Resources & Environ)
   $5,340  07/30/07 - 07/29/08

Mayo Clinic
A Trial of Insulin-Like Growth Factor-I (IGF-I) in the Treatment of Patients With Amyotrophic Lateral Sclerosis (ALS)
   EVA L FELDMAN (Neurology Department)
   $30,294  08/01/05 - 07/31/07

Medical - Legal Consultants, Inc
Recharge: Transportation Data Center
   CHARLES P COMPTON (UMTRI-Data Center)
   $300  08/01/07 - 07/31/12

Mercy Education Project
Grantee Support MI AmeriCorps Partnership - 2007-09
   MARGARET E DEWAR (Community Service Learning)
   $2,040  09/01/07 - 05/31/09

Michigan Association of Public Broadcasters
Foodways Program
   JENNIFER BETH WHITE (Michigan Television)
   $5,000  11/01/07 - 02/28/08

Michigan Campus Compact
Academic Service-Learning Student Fellows
   TROY A MURPHY (Dbn CASL-Humanities)
   $2,500  09/01/07 - 12/19/08

University of Michigan - Flint Community Math Partnership
   JOHNNY W YOUNG (Flint Student Development)
   $4,943  09/01/07 - 08/31/08

Michigan Coalition Against Domestic and Sexual Violence, The (MCADSV)
New Visions: Alliance to End Violence in Asian/Asian American Communities
   MIEKO YOSHIHAMA (School of Social Work)
   $49,831  09/30/07 - 09/29/08

Building the Safety Net
   MIEKO YOSHIHAMA (School of Social Work)
   $3,000  06/01/07 - 05/31/08
Michigan Public Health Institute

National Network for Nurse Managed Centers

JOANNE M POHL (SON-Community Partnerships)

$74,567 09/01/07 - 08/31/08

Michigan, State of, Community Health, Department of

Quality Assurance Reviews for Clinical Services of Waiver Agents in the Michigan (MI) Choice Medicaid Waiver Program

DONNA L ALGASE (SON-Ctr on Frail & Vuln Elders)

With ROSEMARY ANN ZIEMBA (SON-Ctr on Frail & Vuln Elders)

$713,279 10/01/07 - 09/30/08

State of Michigan Bureau of Health Professions Nursing Scholarship

MARGARET M ANDREWS (Flint Nursing)

$4,000 10/01/06 - 09/30/07

Asthma Morbidity as EH Indicator of Air Pollution Levels

STUART ARTHUR BATTERMAN (Environmental Health Sciences)

With ANNA MARTA MICHALAK (Civil & Environmental Engr);

BHARAMAR MUKHERJEE (Biostatistics Department)

$66,044 10/01/07 - 09/30/08

Preventive Medicine Residency Bioterrorism Preparedness Training Project

MATTHEW L BOULTON (Sch of Public Hlth-Dean's Ofc)

$300,000 10/01/07 - 07/31/08

Public Health Consortium for Continuing Medical Education

MATTHEW L BOULTON (Sch of Public Hlth-Dean's Ofc)

$8,542 10/01/07 - 07/31/08

Pediatric and Managed Care Issues - Medicaid

GARY L FREED (Pediatrics-Ambulatory Care Pgm)

With SARAH J CLARK (Pediatrics-Ambulatory Care Pgm)

$342,898 10/01/07 - 09/30/08

University of Michigan Long-Term Care Data Archive

BRANT E FRIES (Institute of Gerontology)

With MARY LEWIS JAMES (Institute of Gerontology)

$250,000 10/01/07 - 09/30/08

Pediatric Genetic Services

JEFFREY W INNIS (Pediatrics-Genetics)

$56,000 10/01/07 - 09/30/08

Forensic Residency Training Program

MICHAEL D JIBSON (Psychiatry Admin-Central)

$116,000 10/01/07 - 09/30/08

Genetics - Newborn Endocrinolgy and Cystic Fibrosis Services 2007-2008 Contract(Pediatric Endocrine Follow-Up Clinic)

RAM K MENON (Pediatrics-Endocrinology)

With MING CHEN (Pediatrics-Endocrinology); SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

$413,383 10/01/07 - 09/30/08

Integrated Care for Medicaid Consumers with Behavioral Health Care Needs

DAVID LEE NEAL (Psychiatry Department)

$1,073,357 10/01/07 - 09/30/08

Children's Special Health Care Services - Children's Multidisciplinary Specialty Clinics

ILENE G PHILLIPS (UMH Taubman CMS Clinic)

$252,662 10/01/07 - 09/30/08

Year 4 FY08 School of Nursing: Medicaid Match Enrollment Project

JOANNE M POHL (SON-Community Partnerships)

$66,729 10/01/07 - 09/30/08

Interpreter Services

SHARON A REDMER (UMH Interpreters Program)

With MICHELLE A HARRIS (UMH Interpreters Program)

$560,144 10/01/07 - 09/30/08
Broadening Michigan's Smoke-free Horizons, Part VII

LINDA A THOMAS (UMH TCS)
With ALISA M MORNINGSTAR (UMH Mfit Administration)
$50,000 10/01/07 - 09/30/08

Reducing Health Disparities through Community-Based Health Promotion Programs

TSU-YIN WU (SON-Grants)
With DEBORAH J OAKLEY (SON-Grants)
$100,000 10/01/07 - 09/30/08

Sound Support Program

TERESA A ZWOLAN (Pediatric Otolaryngology)
With MARCI M LESPERANCE (Pediatric Otolaryngology)
$256,933 10/01/07 - 09/30/08

Michigan, State of, Human Services, Department of

Michigan AmeriCorps Partnership - 2007-08
MARGARET E DEWAR (Community Service Learning)
$341,850 09/01/07 - 08/31/08

Michigan, State of, State Police, Department of

2007 Michigan Traffic Crash Facts
CHARLES P COMPTON (UMTRI-Data Center)
$190,000 10/01/07 - 09/30/08

Michigan, State of, Transportation, Department of

Concrete Pavement Performance Research Center of Excellence
WILL HANSEN (Civil & Environmental Engr)
$27,735 10/01/07 - 09/30/08

Michigan, State of, Treasury, Department of

Amendment to the Management Consultant Services Contract Agreement
SAUL H HYMANS (LSA Economics)
$141,600 10/01/07 - 09/30/08

Mott, Charles Stewart, Foundation

Flint River Corridor Alliance Administrative Management
JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)
$42,936 07/01/07 - 06/30/08

Foundations for a New Michigan Economy: The Michigan Fund for Innovation and Entrepreneurship
MARVIN G PARNES (DRDA - Research Services)
$2,000,000 07/01/07 - 06/30/08

Multiple Myeloma Research Consortium
2007.015 Multiple Myeloma Research Consortium (MMRC) Ancillary Tissue collection Project
ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)
$12,548 07/11/07 - 12/31/07

National Aeronautics and Space Administration

Cassini Huygens Gas Chromatograph Mass Spectrometer Science Support FY08
SUSHIL K ATREYA (Atm, Oceanic & Space Sci.)
$100,000 11/01/07 - 12/31/08

Numerical Investigation of the Effects of Continuum Breakdown on Hypersonic Vehicle Surface Properties
IAIN D BOYD (Aerospace Engineering)
$30,000 10/01/07 - 09/30/08

Development of an Adaptive Nonideal MHD (Magnetohydrodynamic) Simulation Tool for Multiple Space Science Applications
TAMAS I GOMBOSI (Atm, Oceanic & Space Sci.)
With DARREN LEE DE ZEEUW (Space Physics Research Lab); KENNETH G POWELL (Aerospace Engineering); GABOR TOTH (Space Physics Research Lab)
$568,830 11/01/07 - 10/31/10

Hurricane Imaging Radiometer (HIRad)UAV Prototype Phase II Development
CHRISTOPHER S RUF (Space Physics Research Lab)
$100,000 09/01/07 - 02/28/08

Second Supplement: An Optical Survey for Space Debris in Geosynchronous Orbit
PATRICK O SEITZER (LSA Astronomy)
$32,570 02/01/06 - 01/31/09
Development of CFD Tools for Analyses of Multi-Phase Flows
WEI SHYY (Aerospace Engineering)
$100,000 09/06/07 - 06/05/08

National Association For Equal Opportunity
NAFEO Printing Reimbursement
JOHN C BURKHARDT (SOE-CSHPE)
$4,482 05/15/06 - 06/30/07

National Bureau of Economic Research
Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$188,887 06/22/07 - 05/31/08

Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$484,260 09/01/06 - 08/31/08

Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$303,080 04/01/07 - 03/31/08

Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$329,185 04/01/07 - 03/31/08

National Science Foundation
Sizing up Rivals and Mates in Wild Geladas: Visual, Vocal and Hormonal Signals
THORE JON BERGMAN (LSA Psychology)
With JACINTA CATHERINE BEEHNER (LSA Psychology)
$317,696 09/01/07 - 08/31/10

From Theory to the Sky: Observable Features of Clusters of Galaxies
AUGUST EVRARD (LSA Physics)
$304,898 08/15/07 - 07/31/10

REU Supplement Request CAREER
Determination of Performance-Based Earthquake Engineering Parameters Using Paleoseismic Techniques
RUSSELL A GREEN (Civil & Environmental Engr)
$10,000 06/01/07 - 12/31/11

Aerosols-Climate Interactions: The Relationship Between Desert Dust and Atmospheric Convection Supplementary Request July 2007
NILTON O RENNO (Atm, Oceanic & Space Sci.)
$6,000 12/01/06 - 11/30/09

Neose Technologies
Flow Cytometric Measurement of NE-180 Binding Kinetics to EPO-Receptor
OMOLOLA ENIOLA ADEFESO (Chemical Engineering Dept)
$41,410 10/03/07 - 01/14/08

Determination of Ligand Kinetic Binding Parameters
JENNIFER J LINDERMAN (Chemical Engineering Dept)
$18,473 10/03/07 - 01/31/08

nLight Corporation
Temperature Mapping of High-Power Lasers
KEVIN PATRICK PIPE (Mechanical Engineering)
$4,000 03/30/07 - 11/30/07

Northwest Biotherapeutics Inc.
UMCC 2007.021 A Phase II Clinical Trial Evaluating CDVax Brain, Autologous Dendritic Cells Pulsed With Tumor Lysate Antigen For the Treatment of Glioblastoma Multiforme (GBM) Protocol # 020221
JASON A HETH (Neurosurgery) With LARRY JUNCK (Neurology Department)
$219,990 10/15/07 - 08/31/11

Northwestern University
Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$80,000 02/15/07 - 02/14/08

Moving to Opportunity
BETH-ELLEN PENNELL (Survey Research Organization)
$276,879 11/01/07 - 12/31/07
<table>
<thead>
<tr>
<th>Institution</th>
<th>Project Description</th>
<th>Principal Investigator</th>
<th>Award Amount</th>
<th>Start Date - End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oncology Nursing Society Foundation</td>
<td>Hereditary Cancer Risk, Family Functioning, and Decision-Making</td>
<td>MARIA C KATAPODI (SON-(Div I) Division of Acute) With LAUREL L NORTHOUSE (SON-(Div I) Division of Acute); PENNY F PIERCE (SON-(Div I) Division of Acute)</td>
<td>$100,000</td>
<td>09/01/07 - 08/31/09</td>
</tr>
<tr>
<td>Oregon State University</td>
<td>University-Based Detector R&amp;D for the International Linear Collider (year 3 funding)</td>
<td>JOHN K RILES (LSA Physics)</td>
<td>$48,000</td>
<td>08/01/07 - 07/31/08</td>
</tr>
<tr>
<td>OSI Pharmaceuticals, Inc.</td>
<td>Targeting C-Kit Activation Pathways in Allergic Lung Inflammation and Airway Hyperactivity</td>
<td>NICHOLAS W LUKACS (Pathology Department)</td>
<td>$12,130</td>
<td>10/15/07 - 04/30/08</td>
</tr>
<tr>
<td>Our Lady of Guadalupe Middle School For Girls</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>
</tr>
<tr>
<td>Pardee, Elsa U., Foundation</td>
<td>Enzyme-Prodrug Gene Therapy of Cancer using Mesenchymal Stem Cells</td>
<td>THEODORE S LAWRENCE (Radiation Oncology - Ann Arbor)</td>
<td>$84,650</td>
<td>10/01/07 - 09/30/08</td>
</tr>
<tr>
<td>Pew Charitable Trusts, The</td>
<td>Design of an Empirically-Based Election Audit System</td>
<td>MICHAEL W TRAUGOTT (CPS- Ctr for Political Studies)</td>
<td>$125,000</td>
<td>09/01/07 - 12/31/08</td>
</tr>
<tr>
<td>Picometrix, Inc.</td>
<td>Optical Techniques Toward High-Power Terahertz Sources</td>
<td>THEODORE B NORRIS (CoE EECS-Usl)</td>
<td>$30,000</td>
<td>09/01/07 - 05/31/08</td>
</tr>
<tr>
<td>Princeton University</td>
<td>Materials Research Science and Engineering (MRSEC): Princeton Center for Complex Materials</td>
<td>STEPHEN R FORREST (CoE EECS-Ssel)</td>
<td>$35,000</td>
<td>03/01/07 - 02/29/08</td>
</tr>
<tr>
<td>Promedior, Inc.</td>
<td>Evaluation of hSAP in Combination with Anti-IL13 or IFNg Treatment in Pulmonary Fibrosis</td>
<td>CORY M HOGABOAM (Pathology Department)</td>
<td>$101,200</td>
<td>12/01/07 - 11/30/08</td>
</tr>
<tr>
<td>Renal Research Institute, LLC</td>
<td>Erythropoietin Dosing After Hospitalization in ESRD</td>
<td>JONATHAN H SEGAL (Int Med-Nephrology)</td>
<td>$42,273</td>
<td>09/01/07 - 08/31/08</td>
</tr>
<tr>
<td>Roswell Park Cancer Institute</td>
<td>Novel Cancer Nanotechnology Platforms for Photodynamic Therapy and Imaging</td>
<td>RAOUl KOPelman (LSA Chemistry)</td>
<td>$139,106</td>
<td>09/29/05 - 07/31/08</td>
</tr>
<tr>
<td>Rudny &amp; Sallmann Engineering</td>
<td>Recharge: Tilt-Table Testing</td>
<td>TIMOTHY J GORDON (UMTRI-Engineering Research)</td>
<td>$26,567</td>
<td>10/01/07 - 03/31/08</td>
</tr>
<tr>
<td>Safety Research and Strategies Inc</td>
<td>Recharge: Transportation Data Center</td>
<td>CHARLES P COMPTON (UMTRI-Data Center)</td>
<td>$800</td>
<td>08/01/07 - 07/31/12</td>
</tr>
</tbody>
</table>
Saginaw, County of
Saginaw County Health Data Assessment
MATTHEW L BOULTON (Sch of Public Hlth-Dean's Ofc)
$20,000  10/10/07 - 09/30/08

Sandia National Laboratories
Peripheral Nerve Devices - 2
DARYL R KIPKE (Biomedical Engineering)
$73,534  10/25/07 - 09/30/08

Sensorcon
Nanotechnology-Enhanced Sensor for Toxic Industrial Chemicals
ANASTASIOS JOHN HART (Mechanical Engineering)
$32,718  11/01/07 - 05/01/08

Serono, Inc
A Phase III, Randomized, Double-Blind, Three-Arm, Placebo-Controlled, Multicenter Study to Evaluate the Safety and Efficacy of Oral Cladribine in Subjects with Relapsing-Remitting Multiple Sclerosis
DANIEL D MIKOL (Neurology Department)
$6,250  12/01/05 - 11/30/07

SET Associates Corporation
Human Carried Explosives Detection Standoff System (HEDSS) MMW Radar Signature Simulation of Human
KAMAL SARABANDI (CoE EECS-Rad)
$92,462  09/01/07 - 05/31/08

Steelcase, Inc.
Development of Steelcase Wood Products Manufacturing Division Environmental Performance
GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)
$50,000  09/01/07 - 04/30/08

Suburban Mobility Authority for Regional Transportation (SMART)
Walkable Urbanism Strategic Plan for the City of Troy
CHRISTOPHER BROWN
LEINBERGER (Urban Planning)
With LARISSA SUSAN LARSEN (Urban Planning)
$20,000  06/01/07 - 07/31/08

Summit Health
Health Risk Appraisals for Clients
DEE W EDINGTON (Health Management Research Ctr)
$105,000  09/21/07 - 09/20/10

Syracuse University
Tenure Team Initiative
JULIE ELLISON (LSA American Culture)
$36,674  09/01/07 - 12/31/07

T.E.A.M., Inc.
Deformation Response Characterization of 3D Textile Composites for Armor Applications
ANTHONY M WAAS (Aerospace Engineering)
$82,000  09/01/07 - 08/31/08

The American Board of Orthodontics
Recharge: Data Analysis and Statistical Consulting Services
EDWARD D ROTHMAN (Ctr Statistical Consul & Res)
With BRENDA WILSON GILLESPIE (Ctr Statistical Consul & Res); HYUNGJIN MYRA KIM (Ctr Statistical Consul & Res); ANANDA SEN (Ctr Statistical Consul & Res); KATHLEEN B WELCH (Ctr Statistical Consul & Res); BRADY THOMAS WEST (Ctr Statistical Consul & Res); LINGLING ZHANG (Ctr Statistical Consul & Res)
$2,038  09/01/06 - 06/30/08

The New York Public Library
Dorothy and Lewis B. Cullman Fellowship
JAMES W COOK JR (LSA American Culture)
$48,000  07/01/07 - 06/30/08
Total Employment Assistance and Management, Inc.
Health Risk Appraisals for Clients
DEE W EDINGTON (Health Management Research Ctr)
$90,000 08/01/07 - 07/31/10

Toyota Motor North America, Inc.
Analysis of Metamaterial Surfaces and Investigation of Optical Electric Field
ANTHONY GRBIC (CoE EECS-Rad)
$15,000 09/15/07 - 12/15/07

Toyota Technical Center, USA, Inc.
Use of Dynamical System Models for Vehicular Interaction Prediction and Warning
SATINDER SINGH BAVEJA (CoE EECS-Al)
$122,258 09/01/06 - 08/31/08

Transportation, Department of-Federal Highway Administration
Supplement: Evaluation of Pedestrian and Bicycle Safety Engineering Countermeasures
BARRY H KANTOWITZ (Center for Ergonomics)
$253,936 12/01/05 - 12/31/10

United States Automotive Materials Partnership
Modeling of the Manufacturing Process Induced Effects on the Matrix Properties of Textile Composites
ANTHONY M WAAS (Aerospace Engineering)
With JOHN KIEFFER (Materials Science & Engin.); ALAN S WINEMAN (Mechanical Engineering)
$520,786 09/01/07 - 02/28/10

United Therapeutics Corporation
VALLERIE MCLAUGHLIN (Int Med-Cardiology)
$59,890 09/14/07 - 08/30/09
Protocol TDE-PH-301 A 16-Week, International, Multicenter, Double-Blind, Randomized, Placebo-Controlled Combination with an Endothelin Receptor Antagonist and/or a Phosphodiesterase-5 Inhibitor in Subjects with Pulmonary Arterial Hypertension
VALLERIE MCLAUGHLIN (Int Med-Cardiology)
$95,862 09/14/07 - 08/30/09

An Open-Label Extension Trial of UT-15C SR in Subjects with Pulmonary Arterial Hypertension
VALLERIE MCLAUGHLIN (Int Med-Cardiology)
$90,214 09/14/07 - 08/30/09

Universal Display Corporation
High Stability WOLEDs
STEPHEN R FORREST (CoE EECS-Ssel)
$10,000 06/20/07 - 03/19/08
Large Area WOLEDs
STEPHEN R FORREST (CoE EECS-Ssel)
$10,000 06/20/07 - 03/19/08

University of California - Los Angeles
Provisional Combined Response Index for Patients with Diffuse Systemic Sclerosis
JAMES R SEIBOLD (Int Med-Rheumatology)
$31,164 08/01/07 - 07/31/08

University of California-San Diego
ADNI Supplemental Protocol: PET Imaging of Brain Amyloid-Beta with PIB
JUDITH L HEIDEBRINK (Neurology Department)
$89,375 03/01/07 - 09/01/09
Deep Sequencing and Haplotype Profiling of Mental Disorders
MELVIN G MCINNIS (Psychiatry Depression Center)
With DAVID STATES (Human Genetics Department)
$152,766 08/01/07 - 05/31/10

University of Chicago
Operating a Data Archive: Technical and Legal Issues Related to Data Deposit, Dissemination, User support
FELICIA B LECLERE (ICPSR-Archival Development)
$4,749 07/01/07 - 08/31/07

University of Illinois
Anti-Drug Advertising and Youth: Illicit Drug Use Attitudes, Beliefs and Behaviors
LLOYD D JOHNSTON (SRC-Studies of Youth)
$19,046 08/01/07 - 07/31/08
Televised Advertising and Smoking Behaviors
LLOYD D JOHNSTON (SRC-Studies of Youth)
$12,817 07/01/07 - 05/31/08

University of Illinois at Urbana-Champaign
NCSA Partnership: Year 3
THOMAS A FINHOLT (SI Crew)
$275,000 07/01/07 - 06/30/08

Tomographic Determination of Lower Boundary Conditions in the Corona
WARD B MANCHESTER IV (Space Physics Research Lab)
With RICHARD A FRAZIN (Space Physics Research Lab)
$7,324 09/01/07 - 12/31/07

University of Iowa
Economic Evaluation: Islet After Kidney Transplantation
WILLIAM H HERMAN (Metabolism, Endo & Diabetes)
With SARAH L KREIN (Int Med-General Medicine)
$172,322 08/01/06 - 07/31/07

University of London
Documentation of Traditional Warlpiri Ceremony
CARMEL THERESE O'SHanNESSY (LSA Linguistics)
$11,656 01/10/08 - 08/31/08

University of Maryland, The
Quantum Simulation of Magnetic Spin Phases with Atoms or Ions in Optical Lattices
LUMING DUAN (LSA Physics)
$62,500 07/01/07 - 12/31/07

University of Massachusetts
Genes Influencing Coronary Artery Calcification
PATRICIA A PEYSER (Epidemiology Department)
With LAWRENCE F BIELAK (Epidemiology Department)
$56,568 09/01/07 - 06/30/08

University of Missouri
Studying the Treatment of Acute Hypertension (STAT)
JAMES B FROEHLICH (Int Med-Cardiology)
$36,000 06/01/07 - 05/31/08

University of North Carolina-Chapel Hill
Health Risks and Medical Utilization and Costs
DEE W EDINGTON (Health Management Research Ctr)
$105,000 09/01/07 - 08/31/10
University of North Carolina
Natural History, Comorbid Psychiatric Disorders, and Consequences of Inhalant Abuse
RODERICK J LITTLE (Biostatistics Department)
$95,724 09/15/07 - 08/31/08

University of Pennsylvania
BMP6 Induction of Human Mesenchymal Stem Cell Osteoblast Differentiation
PETER JAMES WOOLF (Chemical Engineering Dept)
$81,983 01/01/07 - 03/31/08

University of Texas
Integrated Microfluidics for Nerve Regeneration Studies using Laser Nano-Axotomy
NIKOLAOS CHRONIS (Mechanical Engineering)
$131,301 08/01/07 - 07/31/09

University of Texas Southwestern
A Multi-Center Group to Study Acute Liver Failure
ROBERT JOHN FONTANA (Int Med-Gastroenterology)
$9,880 09/01/06 - 08/31/07

University of Washington
Prospective Study of Atherosclerosis, Clinical Cardiovascular Disease, and L-T Exposure to Ambient Particulate Matter and Other Air Pollutants in a Multi-ethnic Cohort
ANA V DIEZ ROUX (Epidemiology Department)
$60,198 08/01/07 - 07/31/08

University of Wisconsin
Wisconsin Longitudinal Study - Pilot Grant
PAULA M LANTZ (Health Management and Policy)
$10,000 08/01/07 - 06/30/08

Veterans Affairs, Department of
Dengue Virus Pathogenesis
PHILIP C ANDREWS (Biological Chemistry Dept)
$1,745 03/28/07 - 08/13/07
Pressure-Induced Colon Cancer Cell Adhesion
PHILIP C ANDREWS (Biological Chemistry Dept)
$250 03/29/07 - 04/10/07

Virginia Polytechnic Institute and State University
Human Factors Lab, Field and Simulator and Evaluation Support: VTT Task Order No. 17, A-Pillar Obscuration
MICHAEL J FLANNAGAN (UMTRI-Human Factors)
With DANIEL F BLOWER (UMTRI-Transp. Safety Analysis); MATTHEW PAUL REED (UMTRI-Biosciences); JOHN M SULLIVAN (UMTRI-Human Factors)
$149,966 09/01/07 - 05/27/08
Human Factors Lab, Field and Simulator and Evaluation Support: Task Order--Heavy Truck Tire Study
JOHN WOODROOFFE (UMTRI-Transp. Safety Analysis)
With DANIEL F BLOWER (UMTRI-Transp. Safety Analysis)
$3,321 07/01/06 - 12/31/07
Virginia Tech Transportation Institute
Design of the In-Vehicle Driving Behavior and Crash Risk Study
TIMOTHY J GORDON (UMTRI-Engineering Research)
With DANIEL F BLOWER (UMTRI-Transp. Safety Analysis); DAVID JAMES LEBLANC (UMTRI-Engineering Research); JAMES R SAYER (UMTRI-Social & Behav Analysis)
$1,214,000 06/01/07 - 05/31/09
Washington University in St. Louis
Development of a Vision Specific Utilities Elicitation Method
   BRIAN E PERRON (School of Social Work)
   $17,784  09/01/07 - 03/31/09

Wayne State University
Perform: Study Dopamine in the Auditory Brain Stem
   RICHARD A ALTSCHULER (Kresge Hearing Research Inst)
   $20,000  07/01/07 - 10/31/07

Specific Targets for Pancreatic Cancer Therapy
   SHAOMENG WANG (Int Med-Hematology/Oncology)
   $30,932  09/01/07 - 07/31/08

Weinstein, Irving, Foundation Inc.
Screening for Cancer in Lynch Syndrome
   STEPHEN B GRUBER (Int Med-Molecular Med&Genetics)
   $25,000  04/01/07 - 03/31/08

Ypsilanti Public Schools
Enabling Adolescents in Culturally Diverse Environments to Peacefully Resolve Ethnic Group Conflicts
   CHARLES D GARVIN (School of Social Work)
   With HENRY O MEARES (School of Social Work); MICHAEL SPENCER (School of Social Work)
   $3,500  09/01/07 - 08/31/08