AWARDS PROCESSED
Research and Other Sponsored Activities
May 1, 2008 through May 31, 2008

The awards detailed in this list were processed May 1, 2008 through May 31, 2008. 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 (May)</td>
<td>225</td>
<td>221</td>
<td>(1.8%)</td>
<td>$78,500,061</td>
<td>$63,281,039</td>
<td>(19.4%)</td>
</tr>
<tr>
<td>Research Awards</td>
<td>168</td>
<td>155</td>
<td>(7.7%)</td>
<td>$69,593,808</td>
<td>$58,611,848</td>
<td>(15.8%)</td>
</tr>
<tr>
<td>Research Training</td>
<td>10</td>
<td>9</td>
<td>(10.0%)</td>
<td>$3,591,435</td>
<td>$1,662,264</td>
<td>(53.7%)</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>47</td>
<td>57</td>
<td>21.3%</td>
<td>$5,314,818</td>
<td>$3,006,927</td>
<td>(43.4%)</td>
</tr>
<tr>
<td>Total Awards Processed Fiscal Year to Date</td>
<td>2,239</td>
<td>2,440</td>
<td>9.0%</td>
<td>$710,391,663</td>
<td>$871,991,869</td>
<td>22.7%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>1,659</td>
<td>1,763</td>
<td>6.3%</td>
<td>$616,720,187</td>
<td>$792,666,295</td>
<td>28.5%</td>
</tr>
<tr>
<td>Research Training</td>
<td>101</td>
<td>118</td>
<td>16.8%</td>
<td>$39,392,753</td>
<td>$37,531,403</td>
<td>(4.7%)</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>479</td>
<td>559</td>
<td>16.7%</td>
<td>$54,278,723</td>
<td>$41,794,171</td>
<td>(23.0%)</td>
</tr>
</tbody>
</table>

Total award activity for May 2008 was disappointing when compared with May 2007. May 2008 saw a decline in awards processed and values for the first time since January. However year-to-date numbers and values continue to demonstrate a double-digit increase. With one month remaining in FY 2008 we should experience a very positive FY 2008 over FY 2007.
<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable Funds</th>
<th>Other Funds</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2008</td>
<td>$503,624,592</td>
<td>$196,629,271</td>
<td>$700,253,863</td>
</tr>
<tr>
<td>April 2007</td>
<td>$490,099,833</td>
<td>$172,954,963</td>
<td>$663,054,796</td>
</tr>
<tr>
<td>Percent Change</td>
<td>2.8%</td>
<td>13.7%</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

Source: Division of Research Development and Administration
Data Source: Division of Research Development and Administration
<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Project Title</th>
<th>Project Director(s)</th>
<th>Amount</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott Laboratories</td>
<td>FISH Biomarkers for Discovery in Barrett's Esophagus</td>
<td>DEAN E BRENNER (Int Med-Hematology/Oncology)</td>
<td>$68,226</td>
<td>04/01/07 - 03/31/12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Outcomes Research Fellowship: Observational Research Design</td>
<td>$148,000</td>
<td>07/01/08 - 06/30/10</td>
</tr>
<tr>
<td>AGA Medical Corporation</td>
<td>Closure of Muscular Ventricular Septal Defects with the AMPLATZER Muscular VSD Occluder</td>
<td>ALBERT P ROCCHINI (Pediatrics-Cardiology)</td>
<td>$18,800</td>
<td>05/19/08 - 05/18/13</td>
</tr>
<tr>
<td>Alexander Graham Bell Association for the Deaf and Hard of Hearing</td>
<td>Cochlear Implant Fellowship Award</td>
<td>TERESA A ZWOLAN (Otology-Neurotology)</td>
<td>$30,000</td>
<td>07/01/07 - 06/30/09</td>
</tr>
<tr>
<td>Alkermes, Inc.</td>
<td>Evaluation of Alkermes Product on Ethanol and Amphetamine Reinforced Responding</td>
<td>GAIL D WINGER (Pharmacology Department)</td>
<td>$147,721</td>
<td>04/01/08 - 03/31/09</td>
</tr>
<tr>
<td>American Academy of Pediatrics</td>
<td>Effects of Insulin Therapy after Bypass on Infant Myocardium</td>
<td>JOHN R CHARPIE (Pediatrics-Cardiology)</td>
<td>$35,000</td>
<td>07/01/08 - 06/30/09</td>
</tr>
<tr>
<td>American Association for Clinical Chemistry</td>
<td>Enclosure to Annesley Agreement, Contract with University of Michigan</td>
<td>THOMAS M ANNESLEY (Pathology Department)</td>
<td>$289,063</td>
<td>01/01/08 - 12/31/12</td>
</tr>
<tr>
<td>American Association of Endodontists, Research and Education Foundation of</td>
<td>Mechanisms underlying the differentiation of Dental Pulp Stem Cells 9DPSCs) in Neovascular Endothelial Cells</td>
<td>JACQUES EDUARDO NOR (Cariology,Restor Sci &amp; Endo)</td>
<td>$13,500</td>
<td>05/01/08 - 04/30/09</td>
</tr>
<tr>
<td>American Bar Association</td>
<td>An Empirical Study of High-Low Agreements</td>
<td>JAMES JONDALL PRESCOTT (Law Research Faculty Activity)</td>
<td>$12,000</td>
<td>04/21/08 - 04/21/09</td>
</tr>
<tr>
<td>American Cancer Society</td>
<td>Mechanism of PKC epsilon-Induced Tumorigenesis in Head and Neck Cancer</td>
<td>QUINTIN PAN (Kresge Hearing Research Inst)</td>
<td>$713,000</td>
<td>07/01/08 - 06/30/12</td>
</tr>
<tr>
<td>American Chemical Society</td>
<td>ACS PRF Supplement for Underrepresented Minority Research</td>
<td>BARRY DOV DUNIETZ (LSA Chemistry)</td>
<td>$5,000</td>
<td>05/01/08 - 08/31/08</td>
</tr>
<tr>
<td></td>
<td>Terminal Carbide Formation from Fischer Carbenes: A Challenge for Olefin Metathesis and an Opportunity for Carbide Synthesis</td>
<td>MARC J A JOHNSON (LSA Chemistry)</td>
<td>$100,000</td>
<td>01/01/08 - 08/31/10</td>
</tr>
<tr>
<td>Organization</td>
<td>Agreement Description</td>
<td>Recipient</td>
<td>Amount</td>
<td>Start Date</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>------------------------------------</td>
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<td>----------------</td>
</tr>
<tr>
<td>American College of Radiology</td>
<td>Committee Chair Agreement - RTOG GU CA Committee Chair Year 32S</td>
<td>HOWARD M SANDLER (Radiation Oncology - Ann Arbor)</td>
<td>$21,250</td>
<td>01/01/08</td>
</tr>
<tr>
<td>American Council of Learned Societies</td>
<td>Manuscript on Elite Transformations in Ptolemaic Roman Egypt</td>
<td>ARTHUR MFW VERHOOGT (LSA Classical Studies)</td>
<td>$32,100</td>
<td>01/01/09</td>
</tr>
<tr>
<td>American Otological Society, Inc.</td>
<td>An Integrative Genomic Approach to Discovering Otosclerosis Genes</td>
<td>MARCI M LESPERANCE (Pediatric Otolaryngology)</td>
<td>$55,000</td>
<td>07/01/08</td>
</tr>
<tr>
<td>American Skin Association</td>
<td>Biological Effects of Genetic Variation in the IL12B and IL23R Genes in Psoriasis</td>
<td>JAMES T ELDER (Dermatology Department)</td>
<td>$150,000</td>
<td>04/01/08</td>
</tr>
<tr>
<td>American Urological Association Foundation</td>
<td>Quality of Prostate Cancer Treatment Decision Making: Development of a Conceptual Model</td>
<td>JOHN THOMAS WEI (Urology Surgery)</td>
<td>$15,000</td>
<td>06/01/07</td>
</tr>
<tr>
<td>Amgen, Inc.</td>
<td>Pharmaceutics Graduate Student Research Meeting (PGSRM) 2008</td>
<td>DAVID E SMITH (College of Pharmacy)</td>
<td>$5,000</td>
<td>06/01/08</td>
</tr>
<tr>
<td>Amplimed Corporation</td>
<td>A Phase 2b Randomized, Double Blind, Multicenter Trial of Amplimexon Plus Gemcitabine Versus Gemcitabine Plus Amplimexon Placebo in Patients with Metastatic Chemotherapy Naive Pancreatic Adenocarcinoma</td>
<td>MARK M ZALUPSKI (Int Med-Hematology/Oncology)</td>
<td>$320,352</td>
<td>05/14/08</td>
</tr>
<tr>
<td>Arbitron, Inc.</td>
<td>Arbitron Agreement for Consulting Services</td>
<td>RICHARD L VALLIANT (SRC-Survey Methodology Prog)</td>
<td>$43,502</td>
<td>01/01/08</td>
</tr>
<tr>
<td>Argon ST</td>
<td>Simulation of Wave Propagation Impulse Response Through Foliage</td>
<td>KAMAL SARABANDI (CoE EECS-Rad)</td>
<td>$67,500</td>
<td>04/01/08</td>
</tr>
<tr>
<td>Asia Pacific Fuel Cell Technologies, LTD</td>
<td>Development of a Brushless DC Motor Drive TAEHYUNG KIM (Dbn Col of Eng-Electric &amp; Comp)</td>
<td>$10,000</td>
<td>06/01/08</td>
<td>07/15/08</td>
</tr>
<tr>
<td>Astellas Pharma US, Inc.</td>
<td>UMCC 2007.031 A Phase II Multicenter, Open-Label Study of YM155 in Refractory Diffuse Large B-Cell Lymphoma (DLBCL) Subjects MOSHE TALPAZ (Int Med-Hematology/Oncology) With ERICA CAMPAGNARO (Int Med-Hematology/Oncology)</td>
<td>$399,841</td>
<td>05/01/08</td>
<td>05/31/10</td>
</tr>
<tr>
<td>Avanir Pharmaceuticals</td>
<td>A Double-Blind, Randomized, Placebo - Controlled, Multicenter Study to Assess the Safety and Efficacy and to Determine the Pharmacokinetics of Two Doses of AVP-923 (Dextromethorphan/Quinidine) in the Treatment of Pseudobulbar Affect (PBA in Patients with Amyotrophic Lateral Sclerosis and Multiple Sclerosis</td>
<td>EVA L FELDMAN (Neurology Department) With ANN ACHESON LITTLE (Neurology Department)</td>
<td>$35,063</td>
<td>02/26/08</td>
</tr>
<tr>
<td>BAE Systems</td>
<td>Strategic Analysis of Trusted Routing</td>
<td>MICHAEL P WELLMAN (CoE EECS-Al)</td>
<td>$35,063</td>
<td>02/26/08</td>
</tr>
<tr>
<td></td>
<td>With SATINDER SINGH BAVEJA (CoE EECS-Al)</td>
<td>$66,560</td>
<td>05/01/08</td>
<td>09/30/08</td>
</tr>
</tbody>
</table>
Bay Shipbuilding Co
Bay Shipbuilding Barge Directional Stability Test
GUY A MEADOWS (Naval Arch & Marine Dept)
$14,500 05/19/08 - 09/20/08

Bayer Corporation
UMCC 2006.092 Phase 2 Study of ZK-Epothilone (ZK-Epo: ZK 219477) Plus Prednisone as First-Line Chemotherapy in Patients with Metastatic Androgen-Independent Prostate Cancer
DAVID C SMITH (Int Med-Hematology/Oncology)
$25,095 05/27/07 - 05/28/10

Betty and Norman F. Levy Foundation
Breast Care Fellowship Program for Obstetrician-Gynecologists
MARK D PEARLMAN (Obstetrics and Gynecology Dept)
With TIMOTHY R B JOHNSON (Obstetrics and Gynecology Dept)
$625,000 06/01/08 - 05/31/13

BioHorizons
The Influence of Dimensional Anatomic Variables on the Outcomes of Maxillary Sinus Grafting Procedures
HOM-LAY WANG (Periodontics and Oral Medicine)
$50,000 04/01/08 - 12/31/09

BioMarin Pharmaceutical Inc.
Safety and Efficacy of Tetrahydrobiopterin in Patients with Chronic Kidney Disease (CKD) and Albuminuria: An Open-Label Pilot Study
RAJIV SARAN (Int Med-Nephrology)
With BRENDA WILSON GILLESPIE (Ctr Statistical Consul & Res); SONAL N KORGAONKAR (Int Med-Nephrology); BERTRAM PITT (Int Med-Cardiology)$268,348 04/01/08 - 02/28/10

BioXell
Evaluation of HuMNAC13 Analgesic Effect in a Rhesus Model of Inflammatory Pain
MEI-CHUAN KO (Pharmacology Department)
$24,000 05/01/08 - 04/30/09

Centro de Astrobiologia
Weather, Dust Transport, Dust Electrification, and Atmospheric Chemistry: Implications for Mars Habitability--2008
NILTON O RENNO (Atm, Oceanic & Space Sci.)
$62,328 03/01/08 - 12/31/08

Children's Research Institute
BPCA Pediatric off-Patent Drug Studies (PODS) - Lorazepam - Staups Epileptics 9-1-07 to 8-31-08
RACHEL M STANLEY (Emergency Medicine UM CES)
$114,981 09/01/07 - 08/31/08

Cleveland Clinic Foundation
Phase II Trial of Patupilone in Patients with Brain Metastases from Breast Cancer
CATHERINE H VAN POZNAK (Int Med-Hematology/Oncology)
$77,238 04/18/08 - 02/28/10

Columbia University
Child Care Research Collaboration and Archive, Year 5
MYRON P GUTMANN (ICPSR-Archival Development)
$119,475 09/27/07 - 09/29/08

COMBI USA
Recharge: Child Restraint Testing
LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
$16,864 03/01/07 - 02/28/12

Commerce, Department of-Economic Development Administration
Great Lakes Trade Adjustment Assistance Center
SCOTT DAVID JACOBS (Bus & Indust Asst Div)
$174,916 05/01/08 - 06/30/08
Commerce, Department of-National Oceanic and Atmospheric Administration
Visualization of Hydrodynamic Model Output
EDWARD S RUTHERFORD (SNRE CILER)
$10,001 04/01/08 - 12/31/08
Status and Trends in Benthic Macroinvertebrates in the Great Lakes
EDWARD S RUTHERFORD (SNRE CILER)
$33,094 04/01/08 - 12/31/08
Environmental Data Set Recovery and Migration
EDWARD S RUTHERFORD (SNRE CILER)
$10,001 04/01/08 - 12/31/08

Community Foundation for Southeastern Michigan
Mapping for the Detroit Neighborhood Fund
MARGARET E DEWAR (Urban Planning)
$2,800 05/14/08 - 07/31/08

Convaid
Recharge: Wheelchair Restraint Testing
LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
$6,113 03/01/07 - 02/28/08

Cryolife, Inc.
CryoValve SG Study
RICHARD G OHYE (Cardiac Surgery Section)
$30,000 09/01/07 - 08/31/08

Cytokinetics
Acute Administration of CK1909178 and CK2017357 in an In-vitro Permeabilized Muscle Fiber Analysis System using Human Tissue (Additional Funds for Chemical Purchase)
DENNIS R CLAFLIN (Molec & Integrative Physiology)
$1,655 03/01/07 - 07/23/08

Dana-Farber Cancer Institute
UMCC 2007.080 Phase I/II Trial of Combination CCI-779 (Temsirolimus) and Bortezomib (VELCADER) in Relapsed and/or Relapsed Refractory Multiple Myeloma
ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)
$42,000 05/01/08 - 12/31/10

Defense, Department of-Army, Department of the
Characterization of SPINK1 in Prostate Cancer
ARUL M CHINNAIYAN (Ctr fr Translational Pathology)
With RAJAL B SHAH (Pathology Department); JOHN THOMAS WEI (Urology Surgery)
$570,000 04/15/08 - 07/14/11

Hematopoietic Stem Cells Regulate The Osteogenic Phenotype in Metastatic Prostate Cancer
RUSSELL S TAICHMAN (Periodontics and Oral Medicine)
$569,059 04/30/08 - 07/29/11

CD24 as a Potential Therapeutic Target in Prostate Cancer
PAN ZHENG (Surgery Department)
$562,200 04/07/08 - 07/06/11

Defense, Department of-Defense Advanced Research Projects Agency
Hybrid Nanostructure Arrays for Micro-and Nano-scale Energy Conversion and Storage
ANASTASIOS JOHN HART (Mechanical Engineering)
$149,860 04/30/08 - 08/29/09

Energy Efficient Piezoelectric Servo Control for Micro-Robotics
KENN RICHARD OLDHAM (Mechanical Engineering)
$149,997 04/30/08 - 10/29/09

Geometric Methods for Compressive Multi-Signal Processing
MICHAEL WAKIN (CoE EECS-Cspl)
$149,982 05/02/08 - 11/01/09

Dermatology Foundation
Biological Effects of Genetic Variation in the IL12B and IL23R Genes in Psoriasis
JAMES T ELDER (Dermatology Department)
$20,000 07/01/08 - 06/30/09
Clinical and Molecular Analysis of Differences Between Rosacea and Photoaging
YOLANDA ROSI HELFRICH
(Dermatology Department)
With SEWON KANG (Dermatology Department); JOHN J VOORHEES (Dermatology Department)
$55,000 07/01/08 - 06/30/09

Diamyd, Inc.
Project Manager for Preclinical and Clinical Development of HSV Gene Therapy
DAVID J FINK (Neurology Department)
$4,975 01/01/08 - 03/31/08

Dow Chemical Company
Development of an Optical Diagnostic Tool to Test the Degree of Effectiveness of Fire Retardant Candidates
VOLKER SICK (Mechanical Engineering)
$98,619 05/01/08 - 04/30/09

Duke, Doris, Charitable Foundation
Peptide Targeted Imaging of Esophageal Dysplasia
THOMAS D WANG (Int Med-Gastroenterology)
$317,630 09/01/07 - 07/31/09

Ebonite International
Developing an Instrumented Bowling Ball: New Capabilities for Player Training and Ball Design
NOEL C PERKINS (Mechanical Engineering)
$48,265 05/05/08 - 12/31/08

Edna Bailey Sussman Foundation
The Edna Bailey Sussman Fund Environmental Internship Program 2008
ROSINA M BIERBAUM (Sch of Nat Resources & Environ)
$23,310 05/01/08 - 09/30/08

Education, Department of
US/ED Fulbright-Hays Doctoral Dissertation Research Abroad Program
MARK A TESSLER (LSA II:International Institute)
$338,599 07/01/08 - 12/31/09

Emergency Medicine Foundation
Developing Systems of Emergency Physician Led Acute Stroke Care in a Bi-Ethnic Community
WILLIAM G BARSAN (Emergency Medicine UM Adult)
$141,605 07/01/08 - 06/30/10

Energy, Department of
Center for Radiative Shock Hydrodynamics (CRASH)
R PAUL DRAKE (CRASH Ctr Rad Shock Hydro)
With TAMAS I GOMBOSI (Atm, Oceanic & Space Sci.); JAMES PAUL HOLLOWAY (Nuclear Eng & Radiological Sci); SMADAR KARNI (LSA Mathematics); EDWARD W LARSEN (Nuclear Eng & Radiological Sci); WILLIAM R MARTIN (Nuclear Eng & Radiological Sci); KENNETH G POWELL (Aerospace Engineering); QUENTIN F STOUT (CoE EECS-Al); KATSUYO S THORNTON (Materials Science & Engin.); BRAM VAN LEER (Aerospace Engineering)
$17,000,000 03/01/08 - 04/14/13

Environmental Protection Agency
Cardiovascular Effects of Urban and Rural Coarse Particulate Matter in African American and White Adults
ROBERT DANIEL BROOK (Int Med-Cardiology)
$1,199,500 03/01/08 - 02/28/11

Florida Medical Quality Assurance, Inc
End-Stage Renal Disease (ESRD) Quality Infrastructure Support
JOHN D KALBFLEISCH (Biostatistics Department)
$85,568 05/06/08 - 06/30/08
Ford Motor Company
A Curve-Driving Accident Mitigation System (CDAM)
  DENNIS S BERNSTEIN (Aerospace Engineering)
  $173,567  08/01/08 - 07/31/10
Understanding Consumers’ Response to Fuel-Price Change and Increased Environmental Concern
  RICHARD D GONZALEZ (LSA Psychology)
  With ANOCHA ARIBARG (ROSS SCH Research Support)
  $131,469  05/01/08 - 04/30/10
Development of Coupled Thermo-Mechanical Finite Element Analysis Tools for Simulating Warm Forming Processes
  GHASSAN T KRIDLI (Dbn Col of Eng-Indust & Sys En)
  $138,320  09/01/08 - 08/31/10
Galderma Laboratories, Inc.
A Comparative Study of Adapalene Gel, 0.3% versus Tretinoin 0.05% Emollient Cream, for the Treatment of Photodamage
  SEWON KANG (Dermatology Department)
  $179,688  05/07/08 - 05/31/09
General Electric Company
LMC Casting Experiments on Single Crystal/Columnar Grained Superalloys
  TRESA M POLLOCK (Materials Science & Engin.)
  $39,000  03/15/08 - 03/14/09
General Motors Corporation
Development and Testing of Scenarios for the GM DriveSafety Simulator
  PAUL A GREEN (UMTRI-Human Factors)
  $218,690  05/01/08 - 06/19/09
High Capacity Hydrogen Sorbents
  ADAM J MATZGER (LSA Chemistry)
  $300,000  05/01/08 - 04/30/10
GlaxoSmithKline (GSK)
An Exploratory, Phase I Trial to Determine the Association of Lapatinib Induced Fluoropyrimidine Gene Changes with Efficacy Parameters of Lapatinib and Capecitabine in /first Line Gastric Cancer
  SUSAN URBA (Int Med-Hematology/Oncology)
  $278,158  06/08/07 - 05/07/10
Gore, W. L., & Associates, Inc.
Acute Complicated Type B Dissection
  DAVID M WILLIAMS (Radiology Department)
  $5,000  02/05/08 - 12/31/08
Great Lakes Fishery Trust
Preparing for Climate Change in the Great Lakes Region
  DONALD SCAVIA (Sch of Nat Resources & Environ)
  $10,000  04/10/08 - 09/30/08
Hampshire Educational Collaborative
Project IDEAL State Membership: Hampshire Educational Collaborative
  JEROME JOHNSTON (RCGD-Communication/Education)
  $9,224  03/01/08 - 06/30/08
Harbor Bunkering Corp
Directional Stability of an Oceangoing Oil Barge Test 2
  GUY A MEADOWS (Naval Arch & Marine Dept)
  $6,500  04/01/08 - 09/30/08
Health and Human Services, Department of Health Resources and Services Administration
UM-FLINT Initiatives for Nursing Diversity (UM-FIND)
  AUGUSTINE AGHO (Flint Hlth Profession Studies)
  $1,156,377  07/01/08 - 06/30/11
Advanced Education Nursing Traineeship 2008
  LYNN L LEBECK (Flint Health Science & Admin)
  With CONSTANCE J CREECH (Flint Nursing)
  $21,600  07/01/08 - 06/30/09
Health and Human Services, Department of
National Institutes of Health

Immune Regulation by Thymocyte-Selected CD4 T Cells
CHEONG-HEE CHANG (Microbiology and Immunology)
$356,978 04/01/08 - 03/31/09

Training Grant in Cell and Molecular Dermatology
JAMES T ELDER (Dermatology Department)
$918,150 05/01/08 - 04/30/13

Gene Transfer for Prevention of Diabetic Neuropathy
DAVID J FINK (Neurology Department)
With MARINA MATA (Neurology Department)
$1,662,500 07/01/08 - 04/30/13

H. influenza Genes Associated with Acute Otitis Media
JANET R GILSDORF (Pediatrics-Infectious Diseases)
With CARL F MARRS (Epidemiology Department)
$1,178,340 06/01/08 - 05/31/11

Dosimetry and Improved Targeting for Transcranial Magnetic Stimulation
LUIS HERNANDEZ (Magnetic Resonance Imaging Fac)
With ERIC MICHELSSEN (CoE EECS-Rad); DOUGLAS C NOLL (Biomedical Engineering)
$362,686 07/01/08 - 06/30/10

Tilt / Recline Adjustment by Subjects with ALS Using Brain Computer Interfaces
JANE ELIZABETH HUGGINS (Physical Medicine & Rehab Dept)
With KIRSTEN L GRUIS (Neurology Department); SIMON P LEVINE (Physical Medicine & Rehab Dept)
$410,183 06/01/08 - 05/31/10

High Throughput Chemical Genomics to Identify Novel Inhibitors of CHOP
RANDAL J KAUFMAN (Biological Chemistry Dept)
$24,999 06/01/08 - 05/31/09

Regulation of Tumor Associated Macrophages by TGF-beta
VENKATESHWAR KESHAMOUNI (Int Med-Pulm./Critical Care)
With DOUGLAS A ARENBERG (Int Med-Pulm./Critical Care); BETHANY B MOORE (Int Med-Pulm./Critical Care); THEODORE J STANDIFORD (Int Med-Pulm./Critical Care)
$1,433,836 05/05/08 - 04/30/13

Role of CCN6 (WISP3) in the Progression and Metastasis of Breast Cancer
CELINA G KLEER (Pathology Department)
With MOUSUMI BANERJEE (Biostatistics Department); EVAN T KELLER (Urology Surgery)
$1,513,275 09/01/08 - 07/31/13

HANDLS Sample Design and Selection 2008-2009
JAMES M LEPKOWSKI (SRC-Survey Methodology Prog)
$25,000 05/18/08 - 05/17/09

Enzyme Catalysis of Toluene Degradation and Unusual DNA Photoreceptor Repair
E NEIL G MARSH (LSA Chemistry)
$166,974 05/07/08 - 04/30/10

Spectroscopy of Protein Mediation of Bone Mineralization
MICHAEL D MORRIS (LSA Chemistry)
With RENNY T FRANCESCHI (Periodontics and Oral Medicine); NAN E HATCH (Periodontics and Oral Medicine)
$1,365,653 04/15/08 - 03/31/12

Does EPA or DHA Prevent Depressive Symptoms in Pregnancy and Postpartum?
ELLEN L MOZURKEWICH (Obstetrics and Gynecology Dept)
With ZORA DJURIC LONGWORTH (Department of Family Medicine); SHEILA M MTHUR (Psychiatry Child Services); ANJEL M VAHRATIAN (Obstetrics and Gynecology Dept)
$608,000 06/01/08 - 05/31/11
Bisphenol-A and Reproductive Dysfunction
VASANTHA PADMANABHAN
(Pediatrics-Endocrinology)
$140,396 05/09/08 - 04/30/09
Role of PKCepsilon in Oral Cancer
QUINTIN PAN (Kresge Hearing Research Inst)
With THEODOROS N TEKNOS
(Kresge Hearing Research Inst)
$1,307,250 07/01/08 - 05/31/13
Zebrafish Models to Study Adult Forebrain Neurogenesis
JACK M PARENT (Neurology Department)
With DANIEL J GOLDMAN
(Molecular & Behav Neurosci Inst)
$355,432 07/01/08 - 06/30/10
Longitudinal Population-Based Study of Vulvodynia
BARBARA D REED (Department of Family Medicine)
With KAREN RHEA FONDE
(Obstetrics and Gynecology Dept);
HOPE K HAEFNER (Obstetrics and Gynecology Dept);
SIOBAN D HARLOW (Epidemiology Department);
KAREN L MUSOLF (Obstetrics and Gynecology Dept);
ANANDA SEN (Ctr Statistical Consul & Res)
$3,026,210 05/12/08 - 03/31/13
Neuropathic Gait, Irregular Surfaces and Fall Risk
JAMES K RICHARDSON (Physical Medicine & Rehab Dept)
With JAMES A ASHTON-MILLER
(Mechanical Engineering);
KENNETH E GUIRE (Biostatistics Department)
$1,520,410 05/01/08 - 04/30/13
Quality of Life in Intersexuality: A Pediatric Clinical and Research Tool
DAVID ERIC SANDBERG (Pediatrics-Ambulatory Care Pgm)
With JAMES G GURNEY (Pediatrics-Ambulatory Care Pgm)
$1,353,910 05/20/08 - 04/30/11
Economic Status, Health, and Well-Being Over the Life Course and Across Generations - Supplement
ROBERT F SCHOENI (SRC-Psid)
$140,521 06/01/08 - 02/28/09
Measuring Health-related Quality of Life in Older Adults with Chronic Illness
DYLAN M SMITH (Behavioral & Decision Sciences)
With SUSAN LYNN MURPHY (Int Med-Geriatric Medicine);
NORBERT W SCHWARZ (SRC-Survey Methodology Prog);
PETER A UBEL (Behavioral & Decision Sciences)
$342,760 05/01/08 - 04/30/10
Cancer Epidemiology Training Program
AMR S SOLIMAN (Epidemiology Department)
$40,000 03/25/08 - 08/31/08
Extension for IPA for Australie
DEBRA A THOMPSON (Ophthalmology & Visual Science)
$7,512 05/01/08 - 04/30/09
Ideational Influences on Marriage and Childbearing
ARLAND D THORNTON (Pop Studies-Research)
With WILLIAM G AXINN (Pop Studies-Research);
JENNIFER S BARBER (Pop Studies-Research);
DIRGHA JIBI GHIMIRE (Pop Studies-Research)
$2,925,229 04/01/08 - 03/31/13
Mechanism of Thrombin-induced Tolerance to Brain Injury
GUOHUA XI (Neurosurgery)
With YA HUA (Neurosurgery);
RICHARD F KEEP (Neurosurgery);
TIMOTHY J SCHALLERT (Neurosurgery)
$1,193,360 06/01/08 - 05/31/12
A Novel Neuroimaging Approach to Mapping the Neural Circuits Underlying Behavior in a Genetic Organism
XIAN-ZHONG SHAWN XU (Life Sciences Institute-Admin)
$1,277,418 05/05/08 - 03/12/12
Hemophilia Foundation of Michigan
Integrating Prevention for Persons with Bleeding and Clotting Disorders
STEVEN W PIPE (Pediatrics-Hematology/Oncology)
With PAULA L BOCKENSTEDT (Int Med-Hematology/Oncology)
$49,275 07/01/06 - 06/30/08

Higher Education for Development
UMD - University of Garyounis Partnership: Supplemental Funding
AARON AHUVIA (Dbn School of Management)
With MOHAMED ELHADI BAYOU (Dbn School of Management)
$5,415 01/22/07 - 09/30/09

IMA Children's Recreational Fund
Whaley Park Project
JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)
$15,000 04/01/08 - 03/31/09

IMMCO Diagnostics
CTL2 ELISA: A Diagnostic Test for Autoimmune Hearing Loss
THOMAS E CAREY (Kresge Hearing Research Inst)
$33,333 09/01/07 - 08/31/09

INSEAD
Organizational Response to Co-occurring Market and Institutional Demands
JEFFREY A ALEXANDER (Health Management and Policy)
$9,082 05/01/08 - 08/31/08

Institute of Museum and Library Services
Conservation of a Large-Scale Watercolor Series
SHARON C HERBERT (LSA Kelsey Museum/Archaeology)
$160,000 07/01/08 - 06/30/10

Interior, Department of the
Poor Quality of Spawning Habitat: A Serious Impediment to Cisco Rehabilitation in the Great Lakes
EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)
$74,602 01/01/08 - 08/31/10

ITI Foundation for the Promotion of Implantology
Effect of Extractions and Straumann Dental Implants on Glycemic Control and Inflammatory Markers in Patients with Diabetes: A Pilot Study
GEORGE WESLEY TAYLOR (Cariology,Restor Sci & Endo)
$190,769 06/01/08 - 05/31/11

Kade, Max, Foundation, Inc.
Max Kade Post-Doctoral Research Exchange Grant: Characterization of Novel ALK Induced Signaling Pathways
MEGAN S LIM (Pathology Department)
$38,300 05/01/08 - 04/30/09

Kellogg, W. K., Foundation
Catalyzing School Improvement in Michigan: Working with Schools, Families and Communities
KENNETH S BURNLEY (SOE-Educational Studies)
With BRIAN P ROWAN (SOE-Educational Studies)
$350,000 03/01/08 - 07/31/08

L-3 Communications
Support for University Research in Vacuum Electronics (Gift)
RONALD M GILGENBACH (Nuclear Eng & Radiological Sci)
With YUE YING LAU (Nuclear Eng & Radiological Sci)
$10,000 05/05/07 - 06/30/09

Lawrence Livermore National Security, LLC
Feasibility Study of Using Retro-reflective Arrays for RFID Tags on Metal Platforms
KAMAL SARABANDI (CoE EECS-Rad)
$20,000 05/20/08 - 07/31/08

Development of an RFID Tag Using Retro-reflective Arrays
KAMAL SARABANDI (CoE EECS-Rad)
$30,000 05/20/08 - 07/31/08

Lerado Group
Recharge: Child Restraint Testing
LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
$10,500 03/01/07 - 02/28/12
Lilly, Eli, and Company
An Open-Label Phase 2 Trial of LY2181308 Sodium Administered to Patients with Refractory of Relapsed Acute Myeloid Leukemia
HARRY P ERBA (Int Med-Hematology/Oncology)
$293,444 05/01/08 - 04/30/10

Lowy Medical Research Institute Limited
A Natural History Study of Macular Telangiectasia - The MacTel Study
ANDREW KEITH VINE (Ophthalmology & Visual Science)
$50,150 05/02/08 - 12/31/10

March of Dimes Birth Defect Foundation
Molecular and Genetic Mechanisms of Caudal Dysgenesis in Adrenocortical Dysplasia (acd) Mice
CATHERINE ELIZABETH H KEEGAN (Pediatrics-Genetics)
$280,474 06/01/08 - 05/31/11

Marketing Science Institute (MSI)
The Aging Consumer: Perspectives from Psychology and Economics Conference
CAROLYN YUNG-JIN YOON (ROSS SCH Marketing)
$3,000 04/01/08 - 12/30/09

McLaren Regional Medical Center
UM - Flint/McLaren Regional Medical Center Clinical Education Partnership
MARGARET M ANDREWS (Flint Nursing)
$10,800 09/01/08 - 04/30/09

MedArray, Inc.
Long Term Extracorporeal Blood Oxygenating Devices
KEITH E COOK (General Surgery Section)
With ROBERT HAWES BARTLETT (General Surgery Section)
$96,043 08/01/07 - 08/31/08

Michigan Fitness Foundation
Development of "Safe and Active Flint" City of Flint Bike Map
JONATHAN H JAROSZ (Flint Ctr/Environmental Rsch)
$4,715 05/05/08 - 05/30/08

Michigan, State of, Community Health, Department of
Immunization Student Intern Project
MATTHEW L BOULTON (Sch of Public Hlth-Dean's Ofc)
$10,713 05/01/08 - 09/30/08

Michigan Stroke Registry and Quality Improvement Program
DEVIN L BROWN (Neurology Department)
$6,500 10/01/07 - 09/30/08

Michigan Lupus Epidemiology and Surveillance Program (MILES)
WILLIAM J MCCUNE (Int Med-Rheumatology)
With PATRICIA CAGNOLI (Int Med-Rheumatology); WENDY E MARDER (Int Med-Rheumatology); EMILY CATHERINE SOMERS (Int Med-Rheumatology)
$362,442 10/01/07 - 09/30/08

Michigan, State of, Environmental Quality, Department of
2008 Pollution Prevention Retired Engineer Technical Assistance Program (RETAP) Student Internship
GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)
$10,640 05/01/08 - 03/31/09

Michigan, State of, Michigan Economic Development Corporation
TIMOTHY L FALEY (ROSS SCH Zell Lurie Institute)
$20,000 04/15/08 - 05/16/08
Midwest Research Institute
Advanced Molecular Dynamics Methods and High Performance Algorithms for Structural and Thermodynamic Simulations of Biomass Degrading Enzymes
CHARLES L BROOKS III (LSA Chemistry)
$110,000 05/02/08 - 05/01/09

MKP Structural Design Associates, Inc
Characterization of Novel Armor Materials
ANTHONY M WAAS (Aerospace Engineering)
$42,656 04/01/08 - 11/30/08

Mott Community College
Flint Smart Teachers as Role Models (STAR)
TRAKI L TAYLOR-WEBB (Flint Sch of Ed and Human Svcs)
With TENDAJI W GANGES (Flint Educational Opportunity)
$18,020 09/01/07 - 08/30/08

Muscular Dystrophy Association, Inc.
Muscular Dystrophy Association Sponsored Clinic in Pediatrics
FAYE S SILVERSTEIN (Pediatrics-Neurology)
With JOSEPH E HORNYAK (Physical Medicine & Rehab Dept)
$20,000 04/01/08 - 03/31/09

National Aeronautics and Space Administration
Water Isotopic Chemistry in the Solar Nebula and Its Analogs
EDWIN ANTHONY BERGIN (LSA Astronomy)
$300,106 04/01/08 - 03/31/11

Simulation of Ionization Phenomena in Rarefied Hypersonic Flows
IAIN D BOYD (Aerospace Engineering)
$11,248 06/01/08 - 08/15/08

Renewal of Evaluating the Biospheric and Fossil Fuel Components of North American CO2 Flux Auxiliary Environmental Data Within a Geostatistical Inverse Modeling Framework and Implication
ANNA MARTA MICHALAK (Civil & Environmental Engr)
$30,000 09/01/08 - 08/31/10

The Interaction of Fast Flowing Plasmas with Non-magnetic Solar System Bodies
ANDREW F NAGY (Space Physics Research Lab)
$30,000 09/01/08 - 08/31/09

National Endowment for the Humanities
Rights Make Might: Global Human Rights and Minority Politics in Japan
KIYOTERU TSUTSUI (LSA Sociology)
$50,400 09/01/08 - 08/31/09

National Geographic Society
Hydrogeology of the Galapagos Islands: Noble Gas Tracers in a Volcanic Groundwater System
MARIA C CRUZ DA SILVA CASTRO (LSA Geological Sciences - CC)
$25,280 04/15/08 - 04/15/09

National Kidney Foundation of Michigan
Body and Soul: A Celebration of Healthy Eating and Living - Organ Donation Module
KENNETH RESNICOW (Hlth Behavior & Hlth Ed Dept)
With JOHN C MAGEE (General Surgery Section)
$187,070 09/01/07 - 07/31/09

National Science Foundation
Stochastic Evolution Equations Driven by Nonmartingale Random Fields and Related Topics
ANNA AMIRDJANOVA (LSA Statistics)
$120,000 07/01/08 - 06/30/11

Some Aspects of Random Matrices and Integrable Systems
JINHO BAIK (LSA Mathematics)
$271,565 07/01/08 - 06/30/11

Models for Atmospheric Organic Nitrate-Forming Reactions
JOHN R BARKER (Atm, Oceanic & Space Sci.)
$550,216 06/01/08 - 05/31/11

Complex Analysis and Geometry
DANIEL M BURNS JR (LSA Mathematics)
$157,866 07/01/08 - 06/30/11
Discovering Sparse Covariance Structures in High Dimensions
ELIZAVETA LEVINA (LSA Statistics)
$249,993 06/01/08 - 05/31/11
Supplement to Design of "Crack-free" Concrete Materials with Robust Self-healing Functionality
VICTOR C LI (Civil & Environmental Engr)
$2,052 08/01/07 - 05/31/09
First-Principles Studies of Heterogeneous Electrochemistry: Electrochemical Oxidation Reactions Over Solid Fuel Cells (SOFC) Metal/Electrolyte Anodes
SULJO LINIC (Chemical Engineering Dept)
$299,985 06/01/08 - 05/31/11
Hadronic Physics with Electromagnetic Probes at HERMES
WOLFGANG B LORENZON (LSA Physics)
$9,778 06/01/07 - 07/31/09
International Conference on Ricci Flow
JOHN W LOT (LSA Mathematics)
$51,500 06/01/08 - 05/31/09
REU: CRI-IAD: Collaborative Research: Enabling Security and Network Management Research Networks
ZHUOQING MAO (CoE EECS-Ssrl)
$11,998 05/01/08 - 02/28/11
MaxBCG Galaxy Clusters: Laboratories for Galaxy Evolution and Tools for Cosmology
TIMOTHY A MCKAY (LSA Physics)
$378,072 07/01/08 - 06/30/11
REU: Zachary Bay
LAURA J OLSEN (LSA Molec./Cell./Develop. Bio)
$6,000 05/01/08 - 09/30/08
CMMI Conference Travel Supplement
HUEI PENG (Mechanical Engineering)
$2,356 04/01/08 - 08/31/08
Interactions of Cold Rydberg Atoms - REU Supplement
GEORG A RAITHEL (LSA Physics)
$8,500 05/01/08 - 06/30/08
Novartis
A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study To Determine Whether, in Patients with Type 2 Diabetes at High Risk for Cardiovascular and Renal Events, Aliskiren, on top of Conventional Treatment Reduces Cardiovascular and Renal Morbidity and Mortality

CRYSTAL A GADEGBEKU (Int Med-Nephrology) $394,216 03/20/08 - 07/31/13
A Multicenter, Randomized, Double-Blind, Placebo Controlled, Parallel Group Proof of Concept Study to Assess the Efficacy, Safety and Tolerability of Two Single IV Infusions of AIN457 10 mg/kg (Anti IL-17 Monoclonal Antibody) in Patients with Moderate to Severe Active Crohn's Disease

PETER DOYLE HIGGINS (Int Med-Gastroenterology) $111,186 03/24/08 - 12/31/08
A multicenter, randomized, double-blind, placebo controlled, parallel group study to assess the efficacy, safety and tolerability of two single iv infusions of ain457 10 mg/kg (anti il-17 monoclonal antibody) in patients with moderate to severe active crohn's disease

Oropharma
Arestin for the Treatment of Peri-Implantitis
WILLIAM V GIANNOBILE (Periodontics and Oral Medicine) $135,720 11/13/07 - 11/12/08
OraPharma OP-P-1: Multi Center Phase 3 Trial of Minocycline HCI 1mg. Microspheres for the Use in Subjects with Peri-Implantitis

WILLIAM V GIANNOBILE (Dent-MCOHR-Clinical Research) $87,500 05/20/08 - 12/31/09

Orbit Baby, Inc
Recharge: Child Restraint Testing
LAWRENCE W SCHNEIDER (UMTRI-Biosciences) $3,940 03/01/07 - 02/28/12
Orbit Baby, Inc
Recharge: Child Restraint Testing

Oregon State University
Capacity Building in Environmental-friendly Aquaculture Development in China as well as in the Region
JAMES STEPHEN DIANA (Sch of Nat Resources & Environ) $49,774 03/01/08 - 05/31/08
**Organon USA**
A Multicenter, Randomized Parallel Group, Comparative, Active Controlled, Safety Assessor Blinded, Anesthesiologist-TOF-WatchSX Blinded Trial Comparing T4/T1 Ratio at Time of Tracheal Extubation Using 4 mg.Kg-1 Neostigmine Administered at Reappearance of T2 or Better in Adult Subjects Undergoing Elective Open Abdominal Procedures Requiring Neuromuscular Blockade Reversal Study No. 19.334
- PATRICK E BENEDICT (Anesthesiology Department)
  $83,900  05/14/08 - 12/31/08

**Ortho Biotech**
UMCC 2007.098 A Phase I/II Multi-Institutional Study of VELCADE (Bortezomib), Doxil, Dexamethasone, and Revlimid (Lenalidomide) (VDDR) Combination Therapy for Patients with Newly Diagnosed Multiple Myeloma
- ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)
  $1,114,000  05/01/08 - 12/31/11

**Pacific Northwest National Laboratories**
Constructing GammaTracker Isotope Identifier, Advanced ASIC Development, Optimization of CZT Crystals and Electrode Fabrication
- ZHONG HE (Nuclear Eng & Radiological Sci)
  $313,000  10/01/07 - 09/30/09

**PDL BioPharma**
UMCC 2007.128: A Phase 1/2, Multi-Center, Open-Label, Dose-Escalation Study of HuLuc63 (Humanized Anti-CS1 Monoclonal IgG1 Antibody) and Bortezomib in Subjects with Multiple Myeloma Following First or Second Relapse
- ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)
  $507,965  05/05/08 - 02/05/11

**Pfizer, Inc.**
Dalbavancin Clearance During Intermittent and Continuous Renal Replacement Therapy (CRRT): An In-Vitro Investigation
- BRUCE A MUELLER (College of Pharmacy)
  With DARYL D DEPESTEL (College of Pharmacy)
  $99,369  05/01/08 - 11/01/08

**PPD, Inc.**
A Randomized, Double Blind, Placebo-Controller Study of AGI-003 (Arverapamill) in the Treatment of Irritable Bowel Syndrome With Diarrhea (IBS-D) Protocol No. AGI003-003 (ARDIS-1)
- WILLIAM D CHEY (Int Med-Gastroenterology)
  $51,245  05/15/08 - 11/15/09

**Purdue University**
Mapping the Condition of Diporeia: Insights to Mechanism of Declines
- THOMAS H JOHENGEN (SNRE CILER)
  With DAVID J JUDE (Sch of Nat Resources & Environ); WENDY STOTT (Sch of Nat Resources & Environ)
  $97,768  01/01/08 - 12/31/11

**Radiation Therapy Oncology Group**
Using Comparative Proteomics and Multiplexed Cytokine Profiling to Screen Protein Biomarker Radiation-Induced Lung Toxicity
- FENGMING P KONG (Radiation Oncology - Ann Arbor)
  $15,000  06/01/08 - 04/30/09

**Rand Corporation**
SCA Rand Internet Sample
- RICHARD T CURTIN (SRC-Surveys of Consumers)
  $69,312  01/01/08 - 12/31/08

**Robotic Research, LLC**
Personal Dead-Reckoning System for Indoor Structure Mapping
- JOHANN BORENSTEIN (Mechanical Engineering)
  $249,968  03/17/08 - 03/05/10
Sage, Russell, Foundation
Proposal for Working Group on the Malleability of Intelligence
RICHARD E NISBETT (LSA Psychology)
$117,919 09/01/08 - 06/30/09

Sanofi-Aventis Pharmaceuticals
An International, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Two Year Treatment with Teriflunomide 7 mg. Once Daily 14 mg. Once Daily Versus Placebo in Patients With a First Clinical Episode Suggestive of Multiple Sclerosis
DANIEL D MIKOL (Neurology Department)
$318,329 02/28/08 - 02/28/11

Santarus, Inc.
GI Fellow Education Support
ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)
$2,000 05/17/08 - 12/31/08

Sarcoma Alliance for Research Through Collaboration (SARC)
UMCC 2007.119 SARC 011: A Phase II Trial of R1507, a Recombinant Human Monoclonal Antibody to the Insulin-Like Growth Factor-1 Receptor for the Treatment of Patients with Recurrent or Refractory Ewing's Sarcoma, Osteosarcoma, Synovial Sarcoma, Rhabdomyosarcoma and other Sarcomas
SCOTT M SCHUETZE (Int Med-Hematology/Oncology)
$207,813 05/01/08 - 04/30/10

Science Applications International Corporation SAIC
Radar Phenomenology of Through Wall Imaging
KAMAL SARABANDI (CoE EECS-Rad)
$57,500 02/15/08 - 08/14/09

Scleroderma Foundation
Cellular and Biochemical Modulation of Inflammation and Fibrosis in Systemic Sclerosis
VIBHA N LAMA (Int Med-Pulm./Critical Care)
$30,000 05/01/08 - 04/30/09

Signal Innovations Group, Inc.
Center for Automated Target Recognition and Exploitation
ALFRED O HERO III (CoE EECS-Cspl) With ERIC MICHELSSEN (CoE EECS-Rad)
$74,862 11/01/07 - 09/30/12
Distributed Topological Inference for ATR
ALFRED O HERO III (CoE EECS-Cspl)
$76,501 11/01/07 - 03/31/10

Smithsonian Institution
Crystal Cooling in Quiescent Neutron Stars
JON MATTHEW MILLER (LSA Astronomy)
$35,718 04/29/08 - 04/28/10

Society for Investigative Dermatology, Inc.
Canonical Wnt Signaling Activity is Required for Hedgehog Pathway-Induced Epithelial Bud Formation
ANDRZEJ A DLUGOSZ (Dermatology Department)
$1,500 02/28/08 - 06/30/08

Obligatory Role for BNI 1
ANDRZEJ A DLUGOSZ (Dermatology Department)
$1,500 02/28/08 - 06/30/08

Initial Pharmacogenomic Assessment of TNF-Alpha and TRAF 1 Polymorphisms in Psoriasis: Response to TNF Blockers and Other Systemic Therapies
JAMES T ELDER (Dermatology Department)
$1,500 02/28/08 - 06/30/08

Spy Pond Partners
Measuring Performance Among State DOTs: Sharing Good Practices Based on the International Roughness Index
TIMOTHY J GORDON (UMTRI-Engineering Research)
$17,798 09/01/07 - 04/30/08

St. Rose Senior Center
Grantee Support MI AmeriCorps Partnership - 2007-09
MARGARET E DEWAR (Community Service Learning)
$3,300 09/01/07 - 05/31/09
**State Bar of Michigan**  
University of Michigan Law School Low-Income Taxpayer Clinic Grant Application with the State Bar of Michigan Section of Taxation  
BRIDGET M MCCORMACK (Law Clinical Activity)  
$2,000 05/01/08 - 08/30/09

**State, Department of**  
Building Islam in Detroit: An Interdisciplinary Study of Muslim Institutions and Collective  
ANDREW J SHRYOCK (LSA Anthropology)  
$5,000 01/01/08 - 12/31/08

**Stryker Corporation**  
WIMS ERC Resident Engineers  
KENSALL D WISE (CoE EECS - WIMS ERC)  
$60,000 09/01/07 - 08/31/08

**Suncoast Interactive Systems, LLC**  
Support for Programmer and Server for Advanced A.P. Workflow  
ULYSSES J BALIS (Pathology Department)  
With JEFFREY L MYERS (Pathology Department)  
$50,000 07/01/08 - 06/30/12

**TAP Pharmaceuticals Products, Inc.**  
GI Fellow Educational Support  
ELLEN MARY ZIMMERMANN (Int Med-Gastroenterology)  
$3,926 01/01/08 - 12/31/08

**Tennant Company**  
ME 450 Mechanical Design - Winter 2008  
STEVEN J SKERLOS (Mechanical Engineering)  
$2,900 01/01/08 - 04/30/08

**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)  
$1,911 12/01/07 - 12/31/10

**Thorne, The Daniel K., Foundation Inc.**  
The Environment Report  
MARK THOMAS BRUSH (Michigan Radio)  
$2,000 07/01/08 - 06/30/09

**Transave, Inc.**  
Multidose Safety and Tolerability Study of Liposomal Amikacin for Inhalation (Arikace) in Cystic Fibrosis Patients with Chronic Infections Due to Pseudomonas Aeruginosa  
SAMYA Z NASR (Pediatrics-Pulmonary Medicine)  
With MANUEL ARTETA (Pediatrics-Pulmonary Medicine); AMY G FILBRUN (Pediatrics-Pulmonary Medicine); MARC B HERSHENSON (Pediatrics-Pulmonary Medicine); TOBY C LEWIS (Pediatrics-Pulmonary Medicine); WAN CHONG TSAI (Pediatrics-Pulmonary Medicine)  
$4,625 09/30/07 - 06/30/08

**University of Alabama**  
Regulation of Fibroblast Phenotype in Lung Fibrosis  
BETHANY B MOORE (Int Med-Pulm./Critical Care)  
$13,709 08/15/07 - 07/31/08
University of California - San Francisco
Ryan Long Acting Reversible Contraception (LARC) Program
LISA H HARRIS (Obstetrics and Gynecology Dept)
$15,000 04/21/08 - 04/20/09

University of Cincinnati
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)
$254 12/01/07 - 12/31/10

University of Colorado
Multicenter Trial to Validate Protein Biomarkers of a Pulmonary Exacerbation in Cystic Fibrosis
SAMYA Z NASR (Pediatrics-Pulmonary Medicine)
With MANUEL ARTETA (Pediatrics-Pulmonary Medicine);
AMY G FILBRUN (Pediatrics-Pulmonary Medicine);
MARC B HERSHENSON (Pediatrics-Pulmonary Medicine);
TOBY C LEWIS (Pediatrics-Pulmonary Medicine);
WAN CHONG TSAI (Pediatrics-Pulmonary Medicine)
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