The awards detailed in this list were processed April 1, 2007 through April 30, 2007. The dollar values depict the best available estimate of the funding the University should receive over the life of the award. These values may be modified, as additional data become available relative to future funding prospects. These modifications are not reported in the attached list. As a result, the dollar values of awards presented in this list will differ from the year-end totals. The full amount of an award is recorded in the year in which it was received. Often these funds are expended over several years, making comparisons between awards and expenditures somewhat misleading. Research expenditures are presented here to provide a trend line for the current fiscal year.

<table>
<thead>
<tr>
<th></th>
<th>Number of Awards FY 2006</th>
<th>Number of Awards FY 2007</th>
<th>% Change</th>
<th>Value of Awards FY 2006</th>
<th>Value of Awards FY 2007</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Awards Processed (April)</td>
<td>184</td>
<td>193</td>
<td>4.9%</td>
<td>$165,468,297</td>
<td>$55,680,148</td>
<td>(66.3%)</td>
</tr>
<tr>
<td>Research Awards</td>
<td>159</td>
<td>143</td>
<td>(10.1%)</td>
<td>$160,426,534</td>
<td>$49,734,793</td>
<td>(69.0%)</td>
</tr>
<tr>
<td>Research Training</td>
<td>7</td>
<td>10</td>
<td>42.9%</td>
<td>$1,049,259</td>
<td>$4,246,086</td>
<td>304.7%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>18</td>
<td>40</td>
<td>122.2%</td>
<td>$3,992,504</td>
<td>$1,699,269</td>
<td>(57.4%)</td>
</tr>
</tbody>
</table>

The decline in the value of awards in April 2007 when compared with April 2006 is caused by two large awards processed in April 2006 valued at $72.2 million and $30.6 million which account for 62% of the April 2006 value. Because no comparable large awards were processed in April 2007 a marked percentage decline is realized between the two fiscal years.
<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable Funds</th>
<th>Other Funds</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2007</td>
<td>$441,825,697</td>
<td>$154,817,015</td>
<td>$596,642,712</td>
</tr>
<tr>
<td>March 2006</td>
<td>$431,225,810</td>
<td>$156,532,481</td>
<td>$587,758,291</td>
</tr>
<tr>
<td>Percent Change</td>
<td>2.5%</td>
<td>(1.1%)</td>
<td>1.5%</td>
</tr>
</tbody>
</table>

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

FY 2005
FY 2006
FY 2007

Dollar Value of Awards Processed

FY 2005
FY 2006
FY 2007

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 director (and his or her unit affiliations), faculty or primary research staff participating in the project (and their unit affiliations), the amount awarded for the period, and the project period. NOTE: When more than one unit is listed for the project director, the unit responsible for the project is given first.

**Abiomed Inc.**
Training Course for the Abiomed BCS and AB5000 Temporary Ventricular Assist Devices
JONATHAN W HAFT (Cardiac Surgery Section)
$7,300 01/01/07 - 12/31/07

**Achaogen**
Protocol to Assess the In-vitro Ototoxicity of Novel Aminoglycoside-Class antimicrobial Agents as compared to Older Marketed Aminoglycosides in the Mouse cochlear Assay
JOCHEN H SCHACHT (Kresge Hearing Research Inst)
$22,100 04/13/07 - 06/12/07

**AGA Medical Corporation**
The Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Established Current Standard of Care Treatment (RESPECT Trial)
LEWIS B MORGENSTERN (Neurology Department)
$1,433,008 04/18/07 - 11/15/16

**Agriculture, Department of**
Economic Long-Term Impacts of Interventions Aimed at Preventing or Reducing Obesity Among Children
MATTHEW M DAVIS (Pediatrics-Ambulatory Care Pgm)
$35,000 03/29/07 - 03/30/08

**Alion Science and Technology**
SUPPLEMENT: Manpower and Personnel Integration (MANPRINT) Tools Development
YILI LIU (Center for Ergonomics) With OMER TSIMHONI (UMTRI-Human Factors)
$10,000 01/24/07 - 05/15/07

**American Academy of Allergy Asthma and Immunology (AAAAI)**
2007 AAAAI Clinical Fellowship in Allergy and Immunology
JAMES R BAKER JR (Int Med-Allergy)
$50,000 07/01/07 - 06/30/08

**American Axle Manufacturing**
Throughput Increase Through Predictive, Intelligent Maintenance
DRAGAN DJURDJANOVIC (CoE Ind/Univ Coop Research Ctr) With JUN NI (CoE Ind/Univ Coop Research Ctr)
$56,205 09/01/06 - 08/31/07

**American Cancer Society**
A Novel Chromatin Remodeling Enzyme Regulates Beta-Catenin Transactivation
DANIEL A BOCHAR (Biological Chemistry Dept)
$685,000 07/01/07 - 06/30/11
EAK-7, a Conserved Protein That Enhances IGF-Like Signaling in C. Elegans
PATRICK J HU (Life Sciences Institute-Admin)
$138,000 07/01/07 - 06/30/10

**American Heart Association, Midwest Affiliate**
Role of PPARgamma in OA-NO2-Induced Downregulation of AT1 Receptor in Vascular Smooth Muscle Cells
YUQING EUGENE CHEN (Int Med-Cardiology)
$89,952 01/01/07 - 12/31/08
Observed Maternal/Child Interactions During Eating and Future Overweight
JULIE C LUMENG (Center for Human Growth & Dev)
With NIKO KACIROTI (Center for Human Growth & Dev)
$132,000 01/01/07 - 12/31/08

Amgen, Inc.
Value Based Insurance Design Center Annual Symposium (2007)
A MARK FENDRICK (Int Med-General Medicine)
$10,000 04/30/07 - 05/01/07

Arthritis Foundation, Michigan Chapter
Role of Alpha v Beta 3 Integrins in MIF-Induced Endothelial Cell Homing/Angiogenesis
MOHAMMAD AMIN (Int Med-Rheumatology)
With ALISA E KOCH (Int Med-Rheumatology)
$20,000 07/01/07 - 06/30/08

Novel Anti-Inflammatory Peptides Based Upon FcRIIA
HOWARD R PETTY (Ophthalmology & Visual Science)
$40,000 07/01/07 - 06/30/08

Association of Subspecialty Professors (ASP)
Integrating Geriatrics into the Specialties of Internal Medicine: Moving Forward from Awareness to Action
JEFFREY B HALTER (Int Med-Geriatric Medicine)
$99,278 01/01/07 - 12/31/10

Avid Pharmaceuticals
Monkey microPET Imaging Studies
MICHAEL R KILBOURN (Radiology-Nuclear Medicine)
$18,200 11/01/06 - 10/31/07

Development of Automated Synthesis of (+)-(18F)FBDTZFluoropropylDTBZ (AV-133)
MICHAEL R KILBOURN (Radiology-Nuclear Medicine)
$28,508 01/15/07 - 04/14/07

Bat Conservation International
Diversity and Ecological Function of Bats in the Coffee Agroecosystem of Chiapas, Mexico
IVETTE PERFECTO (Sch of Nat Resources & Environ)
$4,000 05/01/07 - 04/30/08

Blue Cross Blue Shield of Michigan Foundation
Staff Nurse Interruptions and Multitasking: Impact on Patient Safety
BEATRICE J KALISCH (SON-(Div III) Div of Nursing)
$62,587 03/01/07 - 02/29/08

Does the University of Michigan's Claims Management Model Reduce Malpractice Costs?
SANJAY K SAINT (Int Med-General Medicine)
With MARY A ROGERS (Int Med-General Medicine)
$64,405 07/01/07 - 06/30/08

Booz Allen Hamilton, Inc.
University of Michigan Comprehensive Cancer Center Data Sharing and Intellectual Capital Strategic Level Working Group Participant Task Order No. 7
ELAINE L BROCK (DRDA - Research Services)
$17,704 03/07/07 - 03/06/08

University of Michigan Comprehensive Cancer Center Data Sharing and Intellectual Capital Strategic Level Working Group Participant Task Order No. 8
ELAINE L BROCK (DRDA - Research Services)
$13,551 03/07/07 - 03/06/08

Boston University
Risk Evaluation and Education for Alzheimer's Disease Study
JEFFREY SCOTT ROBERTS (Hlth Behavior & Hlth Ed Dept)
$71,195 09/29/06 - 06/30/07
California Institute of Technology
Laser Interferometer Gravitational Wave Observatory LIGO Project (Supplement to Support Evan Goetz Appointment Beginning 06/01/07)
  JOHN K RILES (LSA Physics)
  $34,864 06/01/07 - 05/31/08

Cancer Therapy and Research Center
Division of Cancer Prevention SWOG Subcontract CCOP 06008
  LAURENCE H BAKER (Int Med-Hematology/Oncology)
  With CAROLYN J HOBAN (Int Med-Hematology/Oncology)
  $60,154 06/01/06 - 05/31/07

Carnegie Corporation of New York
Assessing Secondary Teachers’ Disciplinary Literacy Knowledge and Practice: Building Prototypes
  ELIZABETH B MOJE (SOE-Educational Studies)
  $24,900 07/01/07 - 06/30/08

Cattell, James McKeen Fund
Research on the Underpinnings of Psychological Essentialism in Children
  SUSAN A GELMAN (LSA Psychology)
  $35,000 09/01/07 - 08/31/08

Center for Rotorcraft Innovation
Vibration Reduction and Performance Enhancement in Rotors Using a Combined Active-Passive Approach
  PERETZ P FRIEDMANN (Aerospace Engineering)
  $50,000 01/01/07 - 02/28/08

Children’s Hospital and Regional Medical Center
Longitudinal Assessment of Risk Factors/Impact of Pseudomonas Aeruginosa Acquisition and Early AntiPseudomonal Treatment in Children with CF (EPIC 002)
  SAMYA Z NASR (Pediatrics-Pulmonary Medicine)
  $6,905 12/01/04 - 03/31/09

Children’s Hospital of Philadelphia, The
Youthful Driver Initiative
  MICHAEL R ELLIOTT (Biostatistics Department)
  $43,911 01/01/07 - 12/31/07

Columbia University
Going to Scale - Policy Change and Research for Emergency Obstetric and Newborn Care
  MARGARET E KRUK (Health Management and Policy)
  $24,749 01/01/07 - 12/31/07

ATLAS Great Lakes Tier 2 Center (03-01-07-09/30/07)
  SHAWN P MCKEE (LSA Physics)
  $350,000 03/01/07 - 01/31/09

Cranfield University
U.S. Census Bureau: PSID Conference on the Use of Event History Calendar
  ROBERT F SCHOENI (SRC-Psid)
  With ROBERT F BELLI (SRC-Psid); FRANK P STAFFORD (SRC-Psid)
  $200,000 03/23/07 - 03/22/08

ConAgra Foods, Inc.
Health Risk Appraisals for ConAgra Food Employees
  DEE W EDINGTON (Health Management Research Ctr)
  $35,000 01/01/07 - 12/31/07

Cubist Pharmaceuticals
Research Proposal on the Mechanisms of the Effects of Daptomycin on Skeletal Muscle
  JOHN A FAULKNER (Molec & Integrative Physiology)
  With LISA M LARKIN (Molec & Integrative Physiology)
  $102,350 04/01/07 - 12/31/07
**Cyclos Semiconductor**
Charge Recovery Technology Evaluation
KAREM A SAKALLAH (CoE EECS-Acal)
With MARIOΣ C ΠAPAEΦΘΗΜΙΟΥ (CoE EECS-Acal)
$8,894 07/01/06 - 04/30/07

**Dana-Farber Cancer Institute**
2006.089 An Open-Label Phase II Study of the Safety and Efficacy of Bortezomib, Lenalidomide, and Dexamethasone Combination Therapy for Patients with Relapsed or Relapsed and Refractory Multiple Myeloma
ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)
$110,472 04/04/07 - 03/04/10

**Defense, Department of-Air Force, Department of the**
Studies on a Spin Amplifier for Logic Applications
PALLAB K BHATTACHARYA (CoE EECS-Ssel)
$40,000 04/15/07 - 10/14/07
Development of the MONACO-PIC Code for 12V Chamber Plume Analysis
IAIN D BOYD (Aerospace Engineering)
$300,000 04/01/07 - 11/30/09
Organic Photonics: Toward a New Generation of Thin Film Photovoltaics and Lasers
STEPHEN R FORREST (CoE EECS-Ssel)
$600,000 04/01/07 - 11/30/09
Seed Effort Toward A Multiscale Theoretical and Experimental Investigation of the Role of Structural Features on Damage Tolerance and Creep
AMIT K GHOSH (Materials Science & Engin.)
$40,000 04/01/06 - 08/31/07

**University of Michigan Collaborative Center in Control Science**
ANOUCK RENEΕ GIRARD (Aerospace Engineering)
With CARLOS E CESNIΚ (Aerospace Engineering); JAMES F DRISCOLL (Aerospace Engineering)
$4,099,999 04/18/07 - 09/17/11
Temporal Planning for Automatic Service Composition
MARTHA E POLLACK (CoE EECS-Al)
$557,825 03/01/07 - 11/30/09

**Defense, Department of-Army, Department of the**
Quantitative Digital Tomosynthesis Mammography for Improved Breast Cancer Detection and Diagnosis
HEANG-PING CHAN (Radiology Department)
$291,228 04/01/07 - 04/30/10
Pharmacological Studies of NOP Receptor Agonists as Novel Analgesics
MEI-CHUAN KO (Pharmacology Department)
With JOHN R TRAYNOR (Pharmacology Department); GAIL D WINGER (Pharmacology Department)
$937,157 04/01/07 - 05/14/10
Low Voltage Electron Microscope for ARO MURI
DAVID C MARTIN (Materials Science & Engin.)
$136,000 04/09/07 - 04/08/08
Characterize RAP80, a Potential Tumor Suppressor Gene
XIAOCHUN YU (Int Med-Molecular Med&Genetics)
$437,811 04/19/07 - 04/30/09
<table>
<thead>
<tr>
<th><strong>Defense, Department of-Navy, Department of the</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposal for International Conference on Cognitive Modeling, 2007</td>
</tr>
<tr>
<td>JOHN E LAIRD (CoE EECS-Al)</td>
</tr>
<tr>
<td>$5,000 03/20/07 - 09/30/07</td>
</tr>
<tr>
<td>Energy Finite Element Developments for Solid Structural Domains</td>
</tr>
<tr>
<td>NICKOLAS VLAHOPOULOS (Naval Arch &amp; Marine Dept)</td>
</tr>
<tr>
<td>$300,000 01/16/07 - 12/31/10</td>
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</tbody>
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<thead>
<tr>
<th><strong>Dexter Research Center, Inc.</strong></th>
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</thead>
<tbody>
<tr>
<td>Wireless Integrated Microsystems National Science Foundation Engineering Research Center</td>
</tr>
<tr>
<td>KENSALL D WISE (CoE EECS - WIMS ERC)</td>
</tr>
<tr>
<td>$10,000 09/01/06 - 08/31/07</td>
</tr>
</tbody>
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<thead>
<tr>
<th><strong>Digital Library Federation (DLF)</strong></th>
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</thead>
<tbody>
<tr>
<td>Hosting DLF Aquifer at the University of Michigan</td>
</tr>
<tr>
<td>CHARLES PERRY WILLETT (University Library)</td>
</tr>
<tr>
<td>$45,000 04/01/07 - 03/31/09</td>
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<thead>
<tr>
<th><strong>Discera, Inc.</strong></th>
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<tbody>
<tr>
<td>Wireless Integrated Microsystems National Science Foundation Engineering Research Center</td>
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<tr>
<td>KENSALL D WISE (CoE EECS - WIMS ERC)</td>
</tr>
<tr>
<td>$10,000 09/01/06 - 08/31/07</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Dow, Alden and Vada, Family Foundations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>UCLL Preschool and Communication Therapy (PACT) Program</td>
</tr>
<tr>
<td>JOANNE MARTTILA PIERSON (Univ Ctr for Dev of Lang &amp; Lit)</td>
</tr>
<tr>
<td>$10,000 04/01/07 - 03/31/08</td>
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</tbody>
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<thead>
<tr>
<th><strong>Edna Bailey Sussman Foundation</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Edna Bailey Sussman Fund Environmental Internship Program 2007</td>
</tr>
<tr>
<td>ROSINA M BIERBAUM (Sch of Nat Resources &amp; Environ)</td>
</tr>
<tr>
<td>$36,540 05/01/07 - 08/31/07</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Education, Department of</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Preparation of Leadership Personnel to Implement the Research to Practice Model in Adapted Physical Education and Physical Therapy</td>
</tr>
<tr>
<td>DALE A ULRICH (Division of Kinesiology)</td>
</tr>
<tr>
<td>$791,896 08/01/07 - 07/31/11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>EMC Corporation</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>NFSv4 Extensions for Performance and Interoperability (year 2)</td>
</tr>
<tr>
<td>PETER HONEYMAN (CITI-Center for IT Integration)</td>
</tr>
<tr>
<td>With WILLIAM A ADAMSON (CITI-Center for IT Integration); JAMES BRUCE FIELDS (CITI-Center for IT Integration)</td>
</tr>
<tr>
<td>$153,623 02/15/07 - 02/14/08</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th><strong>Energy Foundation, The</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>An Analysis of Alternative Policies to Increase Automotive Fuel Economy</td>
</tr>
<tr>
<td>WALTER S MCMANUS (UMTRI-Automotive Analysis Div.)</td>
</tr>
<tr>
<td>$50,000 03/01/07 - 02/29/08</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Environmental Protection Agency</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform</td>
</tr>
<tr>
<td>JONATHAN LEVINE (Urban Planning)</td>
</tr>
<tr>
<td>With JOSEPH DONALD GRENGS (Urban Planning); CARL P SIMON (LSA Study of Complex Systems)</td>
</tr>
<tr>
<td>$300,000 02/01/07 - 01/31/10</td>
</tr>
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</table>

Quantitative Transport Bias Analysis (QTBA) Hybrid Receptor Model Development: Trajectory Database for 2006 and 2007 |

<table>
<thead>
<tr>
<th><strong>PERRY J SAMSON (Atm, Oceanic &amp; Space Sci.)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>$5,048 04/01/07 - 03/31/08</td>
</tr>
</tbody>
</table>
Global and Regional-Scale Models for Ozone, Aerosols, and Mercury: Investigation of Present and Future Conditions

M SANFORD SILLMAN (Atm, Oceanic & Space Sci.)
With GERALD J KEELER (Atm, Oceanic & Space Sci.); JOYCE E PENNER (Atm, Oceanic & Space Sci.)
$899,468 02/01/07 - 01/31/10

Carbon Nanotubes: Environmental Dispersion States, Transport, Fate, and Bioavailability

WALTER J WEBER JR (Chemical Engineering Dept)
$371,886 03/01/07 - 02/28/10

Evans, John D., Foundation
Digitizing Jon Cohen's Archives of Materials on HIV/AIDS

GARY M OLSON (SI Crew)
With ELIZABETH YAKEL (SI Crew)
$150,000 04/01/07 - 03/31/08

Evans, John D., Foundation
Digitizing Jon Cohen's Archives of Materials on HIV/AIDS

GARY M OLSON (SI Crew)
With ELIZABETH YAKEL (SI Crew)
$150,000 04/01/07 - 03/31/08

Foundation for the National Institutes of Health

Quality Control for Genome Wide Association Studies

GONCALO ABECASIS (Biostatistics Department)
$70,150 09/01/06 - 08/31/07

General Dynamics Land Systems, Inc.
Research Support for the AGMV Hybrid Control Refinement IRAD

TAEHYUN SHIM (Dbn Coll of Eng-Mechanical Eng)
$15,000 03/01/07 - 07/31/07

General Motors Corporation
Creep-Fatigue Interactions in High Temperature Mg Allowys for Powertrain Applications and Rapid Thermal Treatment of Aluminum Alloys

J WAYNE JONES (Materials Science & Engin.)
$60,000 01/01/07 - 12/31/07

Effects of Microstructure on Fatigue Crack Initiation and Propagation Behavior in Cast Aluminum Alloys (A356 and 319)

XIAOQING PAN (Materials Science & Engin.)
$88,265 04/01/07 - 03/31/08

Experimental Investigation of HCCI Idle Operation

VOLKER SICK (ME GM)
$25,850 04/30/07 - 08/31/07

Georgia Institute of Technology

Flex Membranes for Multifunctional Sensor Arrays

NICHOLAS KOTOV (Chemical Engineering Dept)
$80,517 09/01/06 - 06/30/09

GlaxoSmithKline (GSK)

University of Michigan GlaxoSmithKline Summer Internship 2007

MATTHEW L BOULTON (Sch of Public Hlth-Dean's Ofc)
$9,043 05/01/07 - 09/30/07
Hanes, C. F. Fund
454 Sequencing to Profile Gene Expression in Petaloid Bracts of Dogwood for Nicole Maturan’s Dissertation Research
GEORGE F ESTABROOK (LSA Ecology & Evolutionary Bio)
$8,430 05/01/07 - 04/30/08
Michigan Flora Specimen Barcoding Project
RICHARD K RABELER (LSA Herbarium)
$3,200 04/01/06 - 06/30/07

Hartwell Foundation
Synchronized MRI and Drug Therapy for Pediatric Brain Tumors
VICTOR CHI-MIN YANG (College of Pharmacy)
$300,000 04/15/07 - 04/14/10

Health and Human Services, Department of National Institutes of Health
Intergenerational Influences on Family Formation in a Changing Social Context
WILLIAM G AXINN (Pop Studies-Research)
With JENNIFER S BARBER (SRC-Family Demography); ARLAND D THORNTON (Pop Studies-Research)
$2,501,948 04/20/07 - 02/29/12
Training in the Demography and Economics of Aging
JOHN BOUND (Pop Studies-Research)
$2,804,105 05/01/07 - 04/30/12

PPAR-Delta in Obesity-Related Vascular Remodeling
YUQING EUGENE CHEN (Int Med-Cardiology)
$693,316 08/01/06 - 07/31/08

Drug Use in Latin American Youth: Longitudinal Study from Infancy to Adolescence
JORGE DELVA (School of Social Work)
With NIKO KACIROTI (Center for Human Growth & Dev); BETSY LOZOFF (Center for Human Growth & Dev); ROBERT A ZUCKER (Psychiatry Department)
$2,791,528 04/23/07 - 03/31/12

Quantitative Proteomic Analysis of Lymphoma Transformation
KOJO SEYS JOHN ELENITOBAYOHN (Pathology Department)
With MEGAN S LIM (Pathology Department)
$879,119 09/01/06 - 06/30/09

MAP Kinase Regulation of Osteoblast Function
RENNY T FRANCESCHI (Periodontics and Oral Medicine)
With STEVEN A GOLDSTEIN (Orthopaedic Surgery); LAURIE KAY MCCCAULEY (Periodontics and Oral Medicine)
$286,149 04/01/07 - 03/31/08

Core Center for Vision Research
BRET A HUGHES (Ophthalmology & Visual Science)
$3,039,946 05/01/07 - 04/30/12

Engineering Innervated Muscle - Tendon Constructs for Tissue Regeneration
LISA M LARKIN (Molec & Integrative Physiology)
With ELLEN M ARRUDA (Mechanical Engineering)
$1,594,958 07/01/07 - 06/30/12

The Biology of Neuroserpin
DANIEL ALLEN LAWRENCE (Int Med-Cardiology)
$1,621,834 07/01/07 - 06/30/12

Tumor Burden and T Cell Immunity
YANG LIU (General Surgery Section)
$235,102 04/06/06 - 06/30/07

Free Radicals Influence the Pathogenesis of Venous Thrombosis
DANIEL DURANT MYERS JR (Vascular Surgery Section)
$696,600 04/01/07 - 03/31/12
Chronic Renal Insufficiency Cohort Study
AKINLOLU OLUSEUN OJO (Int Med-Nephrology)
With SILAS P NORMAN (Int Med-Nephrology)
$83,139 07/01/06 - 06/30/07

Population-Genetic Studies for Association Mapping
NOAH A ROSENBERG (Human Genetics Department)
$1,423,017 05/01/07 - 04/30/12

C-H Bond Functionalization in Organic Synthesis
MELANIE S SANFORD (LSA Chemistry)
$117,705 05/01/07 - 07/31/09

Children in Transition to Adulthood: Family and Siblings Connections
FRANK P STAFFORD (SRC-Psid)
With JACQUELYNNE S ECCLES (SRC-Psid); ROBERT F SCHOENI (SRC-Psid)
$2,963,985 04/10/07 - 03/31/12

Improving the Design of Health Surveys on the Web
ROGER TOURANGEAU (SRC-Survey Methodology Prog)
With FREDERICK G CONRAD (SRC-Survey Methodology Prog); MICHAEL COUPER (SRC-Survey Methodology Prog)
$1,071,981 05/01/07 - 04/30/11

Homeland Security, Department of
Virtual Center for Network and Security Data
FARNAM JAHANIAN (CoE EECS-Rtcl)
$228,408 08/01/04 - 07/31/07

Hutchinson, Fred, Cancer Research Center
Detection of Autoantibody Signature and Early Detection Markers in Colon Cancer
ARUL M CHINNAIYAN (Pathology Department)
With ALEXEY NESVIZHSKII (Pathology Department); XIAOJU WANG (Pathology Department)
$19,500 12/13/06 - 06/12/07

IEEE
IEEE Journal Editorship
AMIR MORTAZAWI (CoE EECS-Rad)
$49,156 01/01/07 - 12/31/07

Indiana, State of
2007 MCCIE (Marion County Coordinators County of Integrated Education) Minority Teacher Recruitment Fair
PERCY BATES (SOE-Educational Studies)
$500 04/01/07 - 04/15/07

Innovative BioTherapies
Development of a Bioartificial Wearable Kidney
H DAVID HUMES (Int Med-Nephrology)
With KEITH E COOK (General Surgery Section)
$206,828 01/01/07 - 12/31/08

Recharge - Industry Users of the University of Michigan Dental School Histology and Molecular Biology Cores
CHARLOTTE M MISTRETTA (Office of Research - Dentistry)
$707 07/01/05 - 06/30/07

Recharge - Industry Users of the University of Michigan Dental School Histology and Molecular Biology Cores
CHARLOTTE M MISTRETTA (Office of Research - Dentistry)
$626 07/01/05 - 12/31/07

Institute for Advanced Study
Institute for Advanced Study
GORDON L KANE (LSA Physics)
$49,586 09/24/07 - 12/21/07

Intel Corporation
Enhancing System Reliability and Security Through Virtual Machines
PETER M CHEN (CoE EECS-Acal)
$50,000 01/01/07 - 12/31/17

Intel Foundation
Intel Foundation Summer Undergrad Program for NNIN Program
KHALIL NAJAFI (CoE EECS - WIMS ERC)
$30,000 12/01/06 - 09/15/07
International Business Machines Canada, Ltd.
Support Query Processing Over Data Streams in a Database Management System
QIANG ZHU (Dbn Col of Eng-Computer & Info)
$20,000 01/01/07 - 12/31/07

International Fine Particle Research Institute, Inc.
IFPRI Collaboration Grant
MICHAEL J SOLOMON (Chemical Engineering Dept)
$5,000 09/01/06 - 08/31/07

Jet Propulsion Laboratory
VEXAG (Venus Exploration Analysis Group) Co-Chair Support Supplement
SUSHIL K ATREYA (Atm, Oceanic & Space Sci.)
$10,000 10/14/05 - 03/31/08
The Large-Scale Dehydration Process Near the Tropical Tropopause: Confront Model with MLS Observations
XIANGLEI HUANG (Atm, Oceanic & Space Sci.)
$30,000 04/05/07 - 09/14/08
Multidisciplinary System Engineering: The Development of Parametric Models and Laboratory Testbeds for Space Exploration
NILTON O RENNO (Space Physics Research Lab)
$25,000 04/01/07 - 09/30/07
Comet Outgassing Models and Their Effect on Comet Nucleus Rotational Dynamics
DANIEL J SCHEERES (Aerospace Engineering)
$37,138 03/30/07 - 09/05/08
A General Toolkit for Handling Input Parameters for Scientific Software
GABOR TOTH (Space Physics Research Lab)
With DARREN LEE DE ZEEUW
$30,000 04/16/07 - 08/31/07

Johns Hopkins University
Welfare, Children, and Families: A Study of Three Cities
FELICIA B LECLERE (ICPSR-Archival Development)
$27,030 04/01/07 - 06/30/07

Johnson & Johnson
Pilot Study of Intra-Vaginal Devices for Stress Urinary Incontinence
JOHN O DELANCEY (Obstetrics and Gynecology Dept)
With JAMES A ASHTON-MILLER (CoE Biomechanics)
$74,826 08/17/06 - 10/31/08

Johnson, Robert Wood, Foundation
Integrated Delivery and Financing Systems for Vulnerable Families
KYLE LYNN GRAZIER (Health Management and Policy)
$167,672 05/01/07 - 04/30/08

Juvenile Diabetes Foundation International
Preclinical Testing of DRG Protective Drugs in a Mouse Model of Diabetic Neuropathy
EVA L FELDMAN (Neurology Department)
$96,737 06/01/07 - 05/31/08

Library of Congress
The Digital Social Science Acquisitions and Preservation Partnership
MYRON P GUTMANN (ICPSR-Archival Development)
$812,500 09/01/04 - 02/28/09

MacArthur, John D. and Catherine T., Foundation
Financial Innovations to Stimulate Remittances: An Experimental Approach
DEAN C YANG (G. Ford Sch of Public Policy)
$590,000 04/01/07 - 03/31/09

MediFit Corporate Services, Inc.
HRA (Health Reimbursement Arrangement) and Evaluation for Evaluation for MediFit Corporation
DEE W EDINGTON (Health Management Research Ctr)
$50,000 01/01/07 - 12/31/07
Michelle Worthington
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);
KATHLEEN B WELCH (Ctr Statistical Consul & Res);
BRADY THOMAS WEST (Ctr Statistical Consul & Res);
LINGLING ZHANG (Ctr Statistical Consul & Res)
$406 09/01/05 - 12/31/07

Michigan Consolidated Gas Company
ME 450 Mechanical Design - Winter 2007
KAZUHIRO SAITOU (Mechanical Engineering)
$2,900 01/01/07 - 04/30/07

Michigan State University
Developing the Water Withdrawal Assessment Tool
MICHAEL J WILEY (Sch of Nat Resources & Environ)
$52,000 10/01/06 - 09/30/07

Michigan, State of, Community Health, Department of
Community-Based Interventions to Reduce Motor Vehicle-Related Injuries in Michigan
DAVID W EBY (UMTRI-Social & Behav Analysis)
With C RAYMOND BINGHAM (UMTRI-Social & Behav Analysis)
$1,030 01/01/07 - 04/30/07

Michigan, State of, Environmental Quality, Department of
Pollution Prevention Retired Engineer Technical Assistance Program (RETAP) Student Internship Program
GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)
$20,640 04/09/07 - 09/30/07

Mobius Microsystems, Inc.
Wireless Integrated Microsystems National Science Foundation Engineering Research Center
KENSALL D WISE (CoE EECS - WIMS ERC)
$10,000 09/01/06 - 08/31/07

Mott, Ruth Foundation
Greenlinks Implementation Project
RENEE COLEEN ZIENTEK (Flint University Outreach)
$338,928 04/01/07 - 03/31/09

Placemaking Project
RENEE COLEEN ZIENTEK (Flint University Outreach)
$30,000 04/15/07 - 12/31/07

NanoBio Corporation
Intranasal Influenza Vaccines
ALEXANDER ALEXEY CHEPURNOV (Int Med-Allergy)
With TATIANA SAVOSTIANOVNA CHEPURNOVA (Int Med-Allergy)
$242,798 01/01/07 - 12/31/12

National Academy of Sciences
Feedback Control for Smart Prosthetics: An Integrated Electrophysiological and Near-Infrared Methodology
RICHARD B GILLESPIE (Mechanical Engineering)
$75,000 05/01/07 - 05/31/08

National Aeronautics and Space Administration
Metal Injection and Dynamics of the Intracluster Medium
RENATO A DUPKE (LSA Astronomy)
$306,067 09/01/07 - 08/31/10

National Alliance for Research on Schizophrenia and Depression
Genome-Wide Gene Expression Studies in Raphe Nuclei in Major Depression and Bipolar Disorder
STANLEY J WATSON JR (Molecular & Behav Neurosc Inst)
$60,000 07/01/07 - 06/30/09
National Science Foundation

Stable Isotope Investigation of a Fossil Hydrothermal System in Oceanic Crust Formed At A Superfast Spreading Rate (IODP Hole 1256D)

JEFFREY C ALT (LSA Geological Sciences)  
$253,756  04/15/07 - 03/31/10

Function Estimation Under Sharp Constraints And Detection of Thresholds in Nonparametric And Semiparametric Problems

MOULINATH BANERJEE (LSA Statistics)  
$185,476  04/11/07 - 06/30/10

REU Supplement to 07-0022 Comparative Phylogeography of 12 Widespread Tropical Rainforest Tree Species

CHRISTOPHER WILLIAM DICK (LSA Ecology & Evolutionary Bio)  
$6,000  02/01/07 - 01/31/09

Upgrade of a 600 MHz NMR Spectrometer

CAROL A FIERKE (LSA Chemistry)  
With MARK M BANASZAK HOLL (LSA Chemistry); AYYALUSAMY RAMAMOORTHY (LSA Chemistry)  
$499,700  05/01/07 - 04/30/10

Problems in Complex Analysis

JOHN E FORNAESS (LSA Mathematics)  
$336,000  07/01/07 - 06/30/10

Multi-Scale Kinetics-Based Model for Predicting Mechanical Property Development of Concrete Containing Supplementary Cementitious Materials

WILL HANSEN (Civil & Environmental Engr)  
$12,000  07/01/05 - 06/30/08

Flat Forms, Bi-Lipschitz Parameterizations, and Calculus on Singular Spaces

JUHA HEINONEN (LSA Mathematics)  
$570,000  07/01/07 - 06/30/12

Dissertation Research: A unique approach for understanding the maintenance of genetic variation for fitness

LAURA LACEY KNOWLES (LSA Zoology Museum)  
$12,000  06/01/07 - 05/31/09

Problems in Algebraic Geometry

ROBERT K LAZARSFELD (LSA Mathematics)  
$473,699  07/01/07 - 06/30/12

The Role of Knowledge and Governance in Building Adaptive Capacity to Climate Variability and Change: A Comparative Study of Water Systems in Brazil

MARIA CARMEN DE MELLO LEMOS (Sch of Nat Resources & Environ)  
$180,947  04/15/07 - 03/31/09

Construction of Nanostructures by Electric Field and Local Heating

WEI LU (Mechanical Engineering)  
$200,000  05/01/07 - 06/30/10

Arithmetic, Geometry and Representation Theory of Reductive Groups

GOPAL PRASAD (LSA Mathematics)  
$158,778  07/01/07 - 06/30/10

Experimental and Modeling Study of Mesoscale Ion-neutral Coupling in the AuroRal Thermosphere

AARON JAMES RIDLEY (Space Physics Research Lab)  
$137,524  04/15/07 - 03/31/12


STEVEN J SKERLOS (Mechanical Engineering)  
$5,873  05/01/07 - 09/30/11


PAMELA J SMOCK (LSA Sociology)  
$7,500  02/15/07 - 03/31/08

REU Supplement; Genetic Basis of Pigmentation Evolution in Drosophila

PATRICIA JEAN WITTKOPP (LSA Ecology & Evolutionary Bio)  
$6,000  01/01/07 - 01/31/08
Neighborhood Senior Services
COBO Substance Abuse Prevention
  DARLENE KNAPP RACZ (Geriatrics Social Work)
  $18,702  10/01/06 - 09/30/07

Northstar Neuroscience
Therapeutic Cortical Electrical Stimulation
  DARYL R KIPKE (Biomedical Engineering)
  $110,827  01/01/07 - 12/31/07

Novartis
Estimation of the Expression Level of Relevant Drug Transporters in Tissue and Cell Lines by Proteomic Approaches
  PAUL F HOLLOWBERG (Pharmacology Department)
  $100,000  04/15/07 - 04/14/08

Omni Sciences, Inc.
Mid-infrared Fiber Laser Based on Supercontinuum
  FRED L TERRY JR (CoE EECS-Ssel)
  $247,210  04/09/07 - 04/08/09

Oral and Maxillofacial Surgery Foundation
A Fully-Implantable, Automated Device for Mandibular Distraction Osteogenesis: Prototype Development
  ANN MARIE SASTRY (Mechanical Engineering)
    With STEPHEN ELLIOTT FEINBERG (Maxillofacial Surgery)
  $48,837  03/01/07 - 02/28/08

Oregon State University
SE Asia Project: Production Technology
  JAMES STEPHEN DIANA (Sch of Nat Resources & Environ)
  $9,250  01/01/07 - 06/30/07

Pennsylvania State University
DHB: The Dynamics of Political Representation and Political Rhetoric
  DRAGOMIR RADKOV RADEV (School of Information)
  $116,246  09/01/06 - 08/31/08

Pfizer, Inc.
Ann Arbor Healthy Schools
  KIM ALLEN EAGLE (Int Med-Cardiology)
  $10,000  09/01/06 - 08/31/07

Quebec Delegation Chicago
Lyrical(ly) Living History: French Canadian Folkloric Traditions Tap into Mid-Michigan
  MATTHEW ALAN HILTON-WATSON (Flint IGS)
  With ANJILI BABBAR (Flint English)
  $750  01/11/07 - 04/30/07

Radiological Society of North America
Radiosensitization of Gliomas Through Targeting of the N-Linked Glycosylation Pathway
  THEODORE S LAWRENCE (Radiation Oncology - Ann Arbor)
  $30,000  07/01/07 - 06/30/08

Rand Corporation
Market Creation as a Policy Tool for Transformational Change, Rand Research Proposal to NSF 06-509: Human and Social Dynamics
  EDWARD A PARSON (Sch of Nat Resources & Environ)
  $179,938  02/01/07 - 01/31/10

Rippel, Fannie E., Foundation
University of Michigan Integrative Medicine Fellowship
  ERIC P SKYE (Department of Family Medicine)
    With SARA LESLEY WARBER (Department of Family Medicine)
  $150,000  01/01/07 - 12/31/08

Robotic Production Technology, Inc
ME 450 Mechanical Design - Winter 2007
  KAZUHIRO SAITO (Mechanical Engineering)
  $2,900  01/01/07 - 04/30/07

Sandia National Laboratories
CITI NFSv4 Security
  PETER HONEYMAN (CITI-Center for IT Integration)
  $100,975  03/21/07 - 06/30/07
Sanofi-Aventis Pharmaceuticals
Clarinet: Clopidogrel to Lower Arterial Thrombotic Risk in Neonates and Infants Trial
JOHN R CHARPIE (Pediatrics-Cardiology)
With RANJIT AIYAGARI (Pediatrics-Cardiology); AIMEE K ARMSMSTRONG (Pediatrics-Cardiology); ROBERT J GAJARSKI (Pediatrics-Cardiology)
$73,300 04/04/07 - 04/03/08

A Multi-Institutitonal Phase II Study of Neoadjuvant Gemcitabine and Oxaliplatin with Radiation Therapy in Patients with Pancreatic Cancer, UMCC2006.025
MARK M ZALUPSKI (Int Med-Hematology/Oncology)
$327,419 03/22/07 - 03/19/10

Sarcoma Alliance for Research Through Collaboration (SARC)
UMCC 2006.079 A Phase II Trial of Perifosine in Patients with Chemo-Insensitive Sarcomas
SCOTT M SCHUETZE (Int Med-Hematology/Oncology)
$132,614 03/21/07 - 09/30/08

Schering-Plough Corporation
Amendment to Tissue Supply Agreement with Schering-Plough Biopharma
KENT J JOHNSON (Pathology Department)
$120,000 01/01/07 - 03/30/08

Schlumberger-Doll Research
Wireless Integrated Microsystems National Science Foundation Engineering Research Center
KENSALL D WISE (CoE EECS - WIMS ERC)
$50,000 09/01/06 - 08/31/07

School of Advanced Research on the Human Experience
Keeping Culture in Mind: Aboriginal & Western Therapeutic Integration in a First Nation Treatment Center
JOSEPH P GONE (LSA Psychology)
$35,500 09/01/07 - 05/31/08

Southwest Research Institute
Mars Scout: The Great Escape
STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)
$41,285 01/19/07 - 12/31/07

Langmuir Probe for The Great Escape (TGE)
Mars Scout Mission - Phase A
BRIAN E GILCHRIST (Atm, Oceanic & Space Sci.)
$56,994 01/19/07 - 12/31/07

Development of a Model to Predict Temperature Change in An Air-Cooled, Resistively Heated Thermal Modulator for Comprehensive Two-Dimensional Gas Chromatography
MARK E MEYERHOFF (LSA Chemistry)
$57,241 09/01/06 - 08/31/07

St. Joseph Mercy Hospital
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 - 12/31/07

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 05/01/07 - 04/30/08

Survey Sciences, Inc.
Phase 2: Postdoc Data Project
JAMES M LEPKOWSKI (SRC-Survey Methodology Prog)
$10,000 04/01/07 - 07/31/07
Takeda Pharmaceuticals North America, Inc.
The Role of Pioglitazone in Vasculature
YUQING EUGENE CHEN (Int Med-Cardiology)
$181,031  03/28/07 - 03/31/08

TAP Pharmaceuticals Products, Inc.
Markers of Cardiovascular Risk in Patients with Gout
MARIANA J KAPLAN (Int Med-Rheumatology)
With ROBERT DANIEL BROOK (Int Med-Cardiology)
$99,231  04/30/07 - 04/29/09

The Higher Education Center for Alcohol and Other Drug Abuse and Violence Prevention
Toward Prevention of Alcohol Related Sexual Violence Among Binge Drinking College Students
BETH G REED (School of Social Work)
$5,500  04/01/07 - 12/31/08

Tourette Syndrome Association
Neural Coding of Motor Sequences in the Basal Ganglia: Effects of Dopaminergic Modulation
J WAYNE ALDRIDGE (Neurology Department)
$73,240  07/01/07 - 06/30/08

Transportation, Department of National Highway Traffic Safety Administration
Biomechanical Research Support--Project Order No. 6
LAWRENCE W SCHNEIDER (UMTRI-Biosciences)
With KATHLEEN DESANTIS KLINICH (UMTRI-Biosciences); MATTHEW PAUL REED (UMTRI-Biosciences); JONATHAN DAVID RUPP (UMTRI-Biosciences); MARK R SOCHOR (UMTRI-Biosciences)
$250,000  04/01/07 - 03/31/08

Treasury, Department of the
University of Michigan Law School Taxpayer Clinic
DAVID MILTON HASEN (Law Research Faculty Activity)
With BRIDGET M MCCORMACK (Law Clinical Activity)
$33,000  01/01/07 - 12/31/07

U. S. News Ventures
Automobile Rankings Project
WALTER S MCMANUS (UMTRI-Automotive Analysis Div.)
$5,000  03/30/07 - 05/11/07

Unipath
Assessment of Bone Turnover Collaboration
MARYFRAN R SOWERS (Epidemiology Department)
$145,781  04/12/07 - 04/11/12

University of Arizona
Developing Patient-Centered Measures for Outcomes of CAM Therapies
SARA LESLEY WARBER (Department of Family Medicine)
$38,265  04/05/07 - 03/01/08

University of California
Nuclear Science for National Security Fellowship for John A. Harvey
KIMBERLEE J KEARFOTT (Nuclear Eng & Radiological Sci)
$30,754  09/01/06 - 08/31/07

University of Chicago
Trivalent Bioterrorism Vaccine
JAMES R BAKER JR (Int Med-Allergy)
With ANNA U BIELINSKA (Int Med-Allergy); ALEXANDER ALEXEY CHEPURNOV (Int Med-Allergy)
$203,192  03/01/07 - 02/29/08

Curriculum Policy Effects on Math and Science Coursetaking, Achievement and Preparation for College in Chicago Public High Schools
VALERIE E LEE (SOE-Educational Studies)
$345,515  01/01/07 - 12/31/09

Improving Research on Instruction: Models, Designs and Analytic Methods
BRIAN P ROWAN (SRC-Survey Research Center)
$156,809  09/01/06 - 08/31/08

Development of New Therapeutics Against Bacillus Anthracis
DAVID H SHERMAN (Life Sciences Institute-Admin)
$194,200  03/01/07 - 02/29/08
University of Illinois at Urbana-Champaign
MURI: Electromagnetics Simulation of Antennas and Arrays Designed Using Novel Electronic Materials and Conformal to Large Complex Bodies

ERIC MICHIELSSEN (CoE EECS-Rad)
$75,610 05/01/04 - 11/30/07

University of Southern California
Novel Materials for High Efficiency White Phosphorescent Organic Light-Emitting Diodes (OLEDs)

STEPHEN R FORREST (CoE EECS-Ssel)
$191,601 08/01/06 - 09/30/07

University of Virginia
Role of Burkholderia Cenocepacia Adhesin, AdhA, in Cystic Fibrosis (CF) Lung Infections

JOHN J LIPUMA (Pediatrics-Infectious Diseases)
With UMADEVI S SAJJAN (Pediatrics-Infectious Diseases)
$30,498 04/01/07 - 03/31/08

University of Washington
Editorial Assistance for the Journal of Neurochemistry

STEPHEN K FISHER (Molecular & Behav Neurosc Inst)
$12,842 01/01/07 - 12/31/07

Vermont Monitoring Cooperative (VMC)
Continuous, Event-Based Atmospheric Mercury Deposition Monitoring at Underhill, Vermont

GERALD J KEELER (Environmental Health Sciences)
$16,475 01/01/07 - 06/30/07

Washtenaw County Master Gardener Alumni Association
Garden Project at Silver Club Ypsilanti

ELIZABETH BROCK SPENCER (Geriatrics Social Work)
$125 05/01/07 - 04/30/08

Weinstein, Irving, Foundation Inc.
Screening for Cancer in Lynch Syndrome

STEPHEN B GRUBER (Int Med-Molecular Med&Genetics)
$25,000 04/01/04 - 03/31/08

Wilson, Woodrow, National Fellowship Foundation
Doris Duke Conservation Fellowship Program 2006-2008

STEVEN L YAFFEE (Sch of Nat Resources & Environ)
$183,940 09/01/06 - 06/30/08