AWARDS PROCESSED
Research and Other Sponsored Activities
December 1, 2005 through December 31, 2005

The awards detailed in this list were processed from December 1, 2005 through December 31, 2005. 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 2005</th>
<th>Number of Awards FY 2006</th>
<th>% Change</th>
<th>Value of Awards FY 2005</th>
<th>Value of Awards FY 2006</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Awards Processed (January)</td>
<td>183</td>
<td>127</td>
<td>(30.6%)</td>
<td>$36,889,175</td>
<td>$46,281,684</td>
<td>25.5%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>135</td>
<td>100</td>
<td>(25.9%)</td>
<td>$33,323,584</td>
<td>$39,332,960</td>
<td>18.0%</td>
</tr>
<tr>
<td>Research Training</td>
<td>6</td>
<td>5</td>
<td>(16.7%)</td>
<td>$466,172</td>
<td>$669,912</td>
<td>43.7%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>42</td>
<td>22</td>
<td>(47.6%)</td>
<td>$3,099,419</td>
<td>$6,278,812</td>
<td>102.6%</td>
</tr>
<tr>
<td>Total Awards Processed Fiscal Year to Date</td>
<td>1,462</td>
<td>1,216</td>
<td>(16.8%)</td>
<td>$456,811,559</td>
<td>$459,990,151</td>
<td>0.7%</td>
</tr>
<tr>
<td>Research Awards</td>
<td>1,034</td>
<td>915</td>
<td>(11.5%)</td>
<td>$385,305,892</td>
<td>$394,602,218</td>
<td>2.4%</td>
</tr>
<tr>
<td>Research Training</td>
<td>67</td>
<td>64</td>
<td>(4.5%)</td>
<td>$8,938,485</td>
<td>$27,809,513</td>
<td>211.1%</td>
</tr>
<tr>
<td>Other Sponsored Activity</td>
<td>361</td>
<td>237</td>
<td>(34.4%)</td>
<td>$62,567,182</td>
<td>$37,578,420</td>
<td>(39.9%)</td>
</tr>
</tbody>
</table>

December 2005 experienced strong activity when compared with the previous December. As a result, year-to-date totals for FY 2006 are in the positive range when compared with the year-to-date data in FY 2005. December’s increase was caused by the processing of eleven awards valued in excess of $1.0 million with a total value of $30.8 million compared with the ten such awards in FY 2005 with a total value of $14.5 million.
### RESEARCH EXPENDITURES

<table>
<thead>
<tr>
<th></th>
<th>Federal Expendable Funds</th>
<th>Other Expendable Funds</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Restricted</td>
<td>Funds</td>
<td></td>
</tr>
<tr>
<td>December 2005</td>
<td>$241,480,737</td>
<td>$82,409,451</td>
<td>$323,890,188</td>
</tr>
<tr>
<td>December 2004</td>
<td>$237,619,172</td>
<td>$85,129,717</td>
<td>$322,748,889</td>
</tr>
<tr>
<td>Percent Change</td>
<td>1.6%</td>
<td>(3.2%)</td>
<td>0.4%</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
PROJECTS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

December 1, 2005 through December 31, 2005

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.

Alcon Laboratories, Inc.
Protocol OT-0206: 28-Day Repeated Dose Otoxicity Study with Moxifloxacin/Dexamethasone Otic Solution in the Guinea Pig (Phase VI under Master Agreement dated 10/1/99)
JOSEF M MILLER (Kresge Hearing Research Inst)
With DAVID F DOLAN (Kresge Hearing Research Inst)
$347,755 12/01/05 - 11/30/06

American Board of Internal Medicine (ABIM)
Assessment of Health Plan and Hospital Policies Related to Board Certification
GARY L FREED (Pediatrics-Ambulatory Care Pgm)
$101,548 11/01/05 - 10/31/06

American College of Obstetricians and Gynecologists
Clinical Significance of Altered Glucose Metabolism in Epithelial Ovarian Cancer
J REBECCA LIU (Obstetrics and Gynecology Dept)
$5,000 08/01/05 - 07/31/06

American Diabetes Association, Inc.
Identity and Function of Raptor Phosphorylation Sites
DIANE C FINGAR (Cell and Developmental Biology)
$138,000 01/01/06 - 12/31/08

C/EBPalpha Phosphorylation and Insulin Sensitivity in Adipocytes and Adipose Tissue
ORMOND A MACDOUGALD (Molec & Integrative Physiology)
$100,000 01/01/06 - 12/31/08

Dissecting a Genetic Program for GH-Induced Insulin Resistance

JESSICA SCHWARTZ (Molec & Integrative Physiology)
With DAVID STATES (Human Genetics Department)
$100,000 01/01/06 - 12/31/08

Neuropathy in Diabetes
SHI-YI ZHOU (Int Med-Gastroenterology)
$133,144 01/01/06 - 12/31/08

American Heart Association, Midwest Affiliate
Hypoxia-Driven Viral Double Plasmid System for Amplification of Therapeutic Gene Expression in Adult Cardiomyocytes
JOSEPH M METZGER (Molec & Integrative Physiology)
$111,888 01/01/06 - 12/31/07

Dystrophin-Glycoprotein Complex in Inherited Dilated Cardiomyopathy
DANIEL EUGENE MICHELE (Molec & Integrative Physiology)
$131,600 01/01/06 - 12/31/07

American Medical Systems
A Single Center Feasibility Study of Transcutaneous Mechanical Nerve Stimulation (TMNS) for the Treatment of Stress Incontinence (SUI) in Women
DANA ALAN OHL (Urology Surgery)
With EDWARD J MCGUIRE (Urology Surgery)
$58,600 11/30/05 - 11/30/06

AMSEC LLC
MHL Physical TYesting-SSBN/OSV Testing Program
GUY A MEADOWS (Naval Arch & Marine Dept)
$37,000 09/30/05 - 12/31/05

Aventis Pharmaceutical Products
Phase II Evaluation of Ifosfamide Plus Doxorubicin & Neulasta Versus Gemcitabine Pluse Docetaxel & Neulasta in the Treatment of Localized Poor Pronosis Soft Tissue Sarcoma
UMCC# 2004.010
MARK M ZALUPSKI (Int Med-Hematology/Oncology)
With LAURENCE H BAKER (Int Med-Hematology/Oncology); SCOTT M SCHUETZE (Int Med-Hematology/Oncology)
$202,519 08/26/05 - 09/30/07

Battelle Columbus Laboratories
Potential Applicability of Federal Safety Regulations to 9-15 Passenger Vans Operating Interstate, with 75 Miles of Reporting Location
DANIEL F BLOWER (UMTRI-Transp. Safety Analysis)
$12,367 10/24/05 - 09/07/06

Beth Israel Hospital
Recharge - Epidemiology - Clinical Research Assays
DANIEL S MCCONNELL (Epidemiology Department)
$1,416 07/01/05 - 06/30/06

Blind Children's Center
Improving Trabeculectomy Outcomes in Children with Human Amniont Membrane
MAYA EIBSCHITZ-TSIMHONI (Ophthalmology & Visual Science)
With STEVEN M ARCHER (Ophthalmology & Visual Science); MONTE A DELMONTE (Ophthalmology & Visual Science)
$12,500 07/01/05 - 06/30/06

Blue Cross Blue Shield of Michigan Foundation
Where do the Children Play Project
DONOVAN V REYNOLDS (Michigan Television)
$50,000 11/01/05 - 10/31/07

Boeing Company, The
Low-Temperature Hot Forming of High Strength Titanium
AMIT K GHOSH (Materials Science & Engin.)
$180,000 10/01/05 - 09/30/07

Improved Friction Stir Welding/Processing Research per Proposal to NSF and Boeing
AMIT K GHOSH (Materials Science & Engin.)
$80,000 12/01/05 - 05/31/07

Breast Cancer Research Foundation, The
Potent and Non-Peptide Smac Mimetics as a New Therapy for the Treatment of Human Breast Cancer
SHAOMENG WANG (Int Med-Hematology/Oncology)
With MARC E LIPPMAN (Int Med-Hematology/Oncology)
$250,000 10/01/05 - 09/30/06

Bristol-Myers Squibb Company
Chronic Hepatitis B in a Tertiary Liver Center in the United States
ANNA SUK-FONG LOK (Int Med-Gastroenterology)
$15,000 09/01/05 - 06/30/06

A Phase IV, Multicenter, Cross-Sectional Study to Evaluate the 150L Substitution Among Subjects Experiencing Virologic Failure on a HAART (Highly Active Antiretroviral Therapy) Regimen Containing Atazanavir (ATV)
JAMES RIDDELL IV (Int Med-Infectious Diseases)
With DANIEL RICHARD KAUL (Int Med-Infectious Diseases); POWEL H KAZANJIAN (Int Med-Infectious Diseases)
$47,620 11/23/05 - 11/22/10

Cancer Therapy and Research Center
Central Office for PIN Selenium Study: Selenium-05003
DAVID P WOOD JR (Urology Surgery)
$20,934 08/01/05 - 07/31/06

Centocor, Inc.
Hogaboam/Centocor Biomarker Study
CORY M HOGABOAM (Pathology Department)
$120,238 12/09/05 - 11/30/06

Centro de Astrobiologia
Weather, Dust Transport, Dust Electrification, and Atmospheric Chemistry: Implications for Mars Habitability
NILTON O RENNO (Atm, Oceanic & Space Sci.) $37,843 12/01/05 - 12/31/05  
Cephalon, Inc.  
A Multi-Center Phase III Study to Investigate the Safety and Efficacy of Treanda (Bendamustine HCI) in Patients with Indolent Non-Hodgkin's Lymphoma (NHL) who are Refractory to Rituximab (UMCC# 2005-063)  
DOUGLAS W BLAYNEY (Int Med-Hematology/Oncology) $138,858 12/13/05 - 11/30/08  
Chemocentryx  
CxCR7 in Breast Cancer  
GARY D LUKER (Radiology Department) $6,814 12/09/05 - 06/30/06  
Chickering Group, The  
International Student/Scholar health Insurance advisor Position (2005-06)  
LOUISE M BALDWIN (International Center) $18,440 09/01/05 - 08/31/06  
Columbia University  
Child Care Research Collaboration and Archive, Year 3  
MYRON P GUTMANN (ICPSR-Archival Development) $635,000 09/30/05 - 09/29/06  
Cook Incorporated  
A Nonrandomized, Prospective Study of IVC Filter Retrieval Out to 12 Weeks Without Interim Filter Manipulation Utilizing the Gunther Tulip Vena Cava Filter  
DAVID M WILLIAMS (Radiology Department) $12,422 12/09/05 - 12/08/06  
Council on Library and Information Resources  
The DLF Distributed Library: OAI for Digital Library Aggregation  
CHARLES PERRY WILLETT (University Library) $213,706 10/01/04 - 09/30/06  
Daihatsu Co. Ltd  
Crashworthiness Design of Compact Vehicles Using Equivalent Mechanism Models  
KAZUHIRO SAITO (Mechanical Engineering) $24,804 09/01/05 - 12/31/05  
Dartmouth College  
Recharge - Epidemiology - Clinical Research Assays  
DANIEL S MCCONNELL (Epidemiology Department) $8,013 07/01/05 - 06/30/06  
Dentatus  
New Dental Implants for Overdenture Stabilization: Analysis of Patients' Oral Health-Related Quality of Life  
DAVID P SARMENT (Periodontics and Oral Medicine) With MARITA ROSCH INGLEHART (Periodontics and Oral Medicine); DE'AVLIN V OLGUI (Periodontics and Oral Medicine) $15,000 01/01/06 - 01/01/08  
Duke, Doris, Charitable Foundation  
Immunomodulation by Histone Deacetylase Inhibitors  
PAVAN R REDDY (Int Med-Hematology/Oncology) $405,000 12/15/05 - 12/14/08  
Energy, Department of  
Proposal to Study the Properties and Interactions of Elementary Particles, Funding Years 2006 through 2008  
MYRON K CAMPBELL (LSA Physics: High Energy Exper) With RATINDRANATH AKHOURY (LSA Physics: High Energy Exper); DANTE ERIC AMIDEI (LSA Physics: High Energy Exper); REBECCA A BERNSTEIN (LSA Astronomy); J WEHRLEY CHAPMAN (LSA Physics: High Energy Exper); KATHERINE FRESE (LSA Physics: High Energy Theor); DAVID W GERDES (LSA Physics: High Energy Exper); GORDON L KANE (LSA Physics: High Energy Theor); FINN LARSEN (LSA Physics: High Energy Exper); JAMES T LIU (LSA Physics: High Energy Exper);
Energy Theor); MICHAEL J LONGO (LSA Physics: High Energy Exper); WOLFGANG B LORENZON (LSA Physics: High Energy SPIN); TIMOTHY A MCKAY (LSA Physics: High Energy Exper); HOMER A NEAL (LSA Physics: High Energy Exper); LEOPOLDO A PANDO ZAYAS (LSA Physics: High Energy Theor); JIANMING QIAN (LSA Physics: High Energy Exper); GREGORY TARLE (LSA Physics: High Energy Exper); RUDOLF P THUN (LSA Physics: High Energy Exper); JAMES DANIEL WELLS (LSA Physics: High Energy Theor); YORK-PENG E YAO (LSA Physics: High Energy Exper); BING ZHOU (LSA Physics: High Energy Exper)

$11,964,222 11/01/05 - 10/31/08$

**Fanconi Anemia Research Fund, Inc.**

Role of the FA Pathway in the DNA Replication Stress Response

THOMAS W GLOVER (Human Genetics Department)

$152,972 12/01/05 - 11/30/07$

**Genentech, Inc.**

A Randomized, Double Blind Placebo Controlled, Multicenter, Phase II/III Study to Evaluate the Efficacy and Safety of Rituximab in Subjects with Moderate to Severe Systemic Lupus Erythematosus.

WILLIAM J MCCUNE (Int Med-Rheumatology)

$299,434 12/20/05 - 12/31/08$

**Genesee County**

Life Skills Educational Talk

MONA L GOLDMAN (Psych Hospital & Community Svc)

$2,495 09/01/05 - 12/31/05$

**George Washington University**

Neuropathy Assessment in the EDIC Study (NeuroEDIC)

WILLIAM H HERMAN (MEND)

$577,228 01/01/05 - 08/31/07$

**Gerontological Society of America, The**

Social Support and Patterns of Formal and Informal Help Use for Mental Disorders: Understanding the Effect of Aging Using the National Survey of American Lives

RUTH E DUNKLE (School of Social Work)

$50,000 10/01/05 - 09/30/07$

**Harvard University**

EITM Summer Training Institute (Supplement)

ROBERT J FRANZESE JR (CPS-Institutions & Policies)

$177,891 10/01/05 - 04/30/07$

Wong - Teaching Support

CARA J WONG (LSA Political Science)

$34,250 07/01/05 - 06/30/06$

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

Prevention Research Center of Michigan

MARCE ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)

$50,000 09/30/05 - 09/29/06$

**Health and Human Services, Department of Food and Drug Administration**

Phase III Trial of Tetrathiomolybdate in Primary Biliary Cirrhosis IND #56622

GEORGE J BREWER (Human Genetics Department)

With FREDERICK K ASKARI (Int Med-Gastroenterology)

$696,500 09/30/05 - 09/29/08$

**Health and Human Services, Department of Health Resources and Services Administration**

Ryan White CARE Act Title III Early Intervention Services

POWEL H KAZANJIAN (Int Med-Infectious Diseases)

With SANDRO KURT CINTI (Int Med-Infectious Diseases); DANIEL RICHARD KAUL (Int Med-Infectious Diseases); JAMES RIDDELL IV (Int Med-Infectious Diseases)

$487,559 01/01/06 - 12/31/06$

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

BK Channel Regulation in Auditory Hair Cells

ROBERT K DUNCAN (Kresge Hearing Research Inst)
$1,661,439  12/15/05 - 11/30/10
Beta-Globin Transcriptional Regulation
JAMES DOUGLAS ENGEL (Cell and Developmental Biology)
$1,760,809  01/01/06 - 12/31/09
Enzymology of RNA Processing Enzymes
CAROL A FIERKE (LSA Chemistry)
$1,053,307  01/01/06 - 12/31/09
Studies of P2X ATP Receptors
RICHARD I HUME (LSA Molec./Cell./Develop. Bio)
$1,317,884  08/01/05 - 11/30/09
Development of Web-Based Documentation for Collaborative Psychiatric Epidemiology Survey (CPES)
JAMES S JACKSON (RCGD-Black Americans)
$407,930  06/01/05 - 05/31/06
In Vivo Chemical Monitoring Using Capillary Separations
ROBERT T KENNEDY (LSA Chemistry)
$19,750  04/01/05 - 03/31/06
Mechanisms that Guide Motor Axon Pathfinding
CATHERINE ELLEN KRULL (Cell and Developmental Biology)
With KATHRYN W TOSNEY (LSA Molec./Cell./Develop. Bio)
$1,232,381  01/01/06 - 12/31/09
Cortical and Behavioral Responses to Cochlear Implants
JOHN C MIDDLEBROOKS (Kresge Hearing Research Inst)
With BRYAN E PFINGST (Kresge Hearing Research Inst)
$1,593,234  12/01/05 - 11/30/10
Real-Time Fluorescence Imaging of RNA/Ribosome Dynamics
MICHAEL D MORRIS (LSA Chemistry)
With MARK A BURNS (Chemical Engineering Dept); NILS G WALTER (LSA Chemistry)
$1,031,111  12/01/05 - 11/30/09
Function of Hair Cells Regenerated by Atoh1
YEHOASH RAPHAEL (Kresge Hearing Research Inst)
$85,460  12/01/05 - 06/30/07
Lipid Raft Microdomains in Neutrophil Function
ROBERT G SITRIN (Int Med-Pulm./Critical Care)
With R ALEXANDER BLACKWOOD (Pediatrics-Infectious Diseases); HOWARD R PETTY (Ophthalmology & Visual Science)
$1,901,250  10/01/05 - 12/31/10
Behavior on Surveys and in the Economy Using HRS
ROBERT J WILLIS (SRC-Hrs)
With ROBERT B BASKY (SRC-Hrs); JOHN BOUND (Pop Studies-Research); ROBERT M GROVES (SRC-Survey Methodology Prog); DANIEL H HILL (SRC-Hrs); NORBERT W SCHWARZ (SRC-Survey Methodology Prog); MATTHEW D SHAPIRO (SRC-Hrs); TYLER G SHUMWAY (SRC-Hrs); DANIEL SUSMAN SILVERMAN (SRC-Hrs)
$2,404,926  09/30/05 - 06/30/08
Housing and Urban Development, Department of
Community Development Work Study Program FY05
MARGARET E DEWAR (Urban Planning)
$90,000  09/02/05 - 09/02/07
IUPUI (Indiana University Purdue University Indianapolis)
Tamoxifen Pharmacogenetics
DANIEL F HAYES (Int Med-Hematology/Oncology)
With HEANG-PING CHAN (Radiology Department); MARK A HELVIE (Radiology Department); JAMES M RAE (Int Med-Hematology/Oncology)
$409,948  08/01/05 - 07/31/06
J P Morgan Chase Foundation
Amazing Youth Scholarships
HARRY S BLECKER (Flint University Outreach)
$3,000  10/20/05 - 10/19/06
Jet Propulsion Laboratory
Cassini-Huygens Aerosol Collector Pyrolyzer (ACP)
   SUSHIL K ATREYA (Atm, Oceanic & Space Sci.)
   $77,000  01/01/06 - 09/30/06

Johns Hopkins University
The Multicenter Uveitis Steroid Treatment (MUST) Trial
   SUSAN G ELNER (Ophthalmology & Visual Science)
   $113,075  05/01/05 - 04/30/06

Johnson, Robert Wood, Foundation
Economic Research Initiative on the Uninsured: Dissemination Project
   CATHERINE G MCLAUGHLIN (Health Management and Policy)
   With MARY E HARRINGTON (Health Management and Policy)
   $334,960  12/15/05 - 02/14/08

Joint Oceanographic Institutions
The Transition from Low-Temperature to Hydrothermal Alteration in Hole 1256D
   JEFFREY C ALT (LSA Geological Sciences)
   $15,560  01/01/06 - 02/28/07

Korea Foundation
2005-2006 Korean Studies Program Colloquium Series
   MEREDITH WOO-CUMINGS (LSA II: Korean Studies)
   $12,000  09/01/05 - 08/31/06

Lilly, Eli, and Company
In Vitro and In Vivo Studies of Enzastaurin, Pemetrexed and Radiation Interactions
   EDGAR BEN-JOSEF (Radiation Oncology - Ann Arbor)
   With THEODORE S LAWRENCE (Radiation Oncology - Ann Arbor)
   $124,136  12/07/05 - 12/06/06

Luce, Henry, Foundation
Proposal for Joint Institute for Gender Studies and Graduate Programs: University of Michigan and Fudan University
   ZHENG WANG (Inst/Research Women & Gender)
   $300,000  01/01/06 - 12/31/09

Lumina Foundation for Education
Planning for Evaluation and Policy Research on State Initiatives on Access and College Success
   EDWARD P ST JOHN (SOE-CSHPE)
   $38,900  12/15/05 - 07/15/06

Medtronic, Inc.
Finite Element Analysis of Artificial Disc Designs in the Cervical Spine
   SCOTT J HOLLISTER (Biomedical Engineering)
   $37,920  07/01/05 - 06/30/06

Michigan State University
Developing a Research-Based Learning Progression for the Carbon Cycle: Transformations of Matter and Energy in Biogeochemical Systems
   JOSEPH S KRAJCIK (SOE-Educational Studies)
   $47,564  09/01/05 - 08/31/06

Michigan, State of, Michigan Council for Arts and Cultural Affairs
Outreach in UMMA's FY06 Season
   JAMES C STEWARD (Museum of Art)
   $10,200  12/01/05 - 06/30/06

Michigan, State of, Natural Resources, Department of
   JAMES EDWARD BRECK (Sch of Nat Resources & Environ)
   $81,029  10/01/05 - 09/30/06

Development of Fisheries Assessment and Harvest Allocation Methods for Inland Lakes and Streams in Michigan
   RICHARD D CLARK (Sch of Nat Resources & Environ)
   $69,536  10/01/05 - 09/30/06

Status and Trends of Inlands Lakes; Methods Development, Program Oversight, and Ecological Assessment
   EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)
   $20,705  10/01/05 - 09/30/06

Tittabawassee River Assessment
   EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)
$13,165 10/01/05 - 09/30/06
Spatial Analysis of Great Lakes Ecosystems
EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)
$74,412 10/01/05 - 09/30/06
Classification Analysis of Great Lakes Fisheries Habitats
EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)
$104,670 10/01/05 - 09/30/06

Editorial Services
JAMES C SCHNEIDER (Sch of Nat Resources & Environ)
$23,654 10/01/05 - 09/30/06

Status and Trends in Habitat Conditions in Michigan Steams
KEVIN ELDON WEHRLY (Sch of Nat Resources & Environ)
$61,957 10/01/05 - 09/30/06

Michigan, State of, Transportation, Department of
Evaluating the Economic Benefits of Alternative Road and Bridge Fixes
GEORGE A FULTON (Inst of Labor & Industrial Rel)
$89,458 11/21/05 - 11/21/06

Morgan, J.P.
CLONE: Evaluation of Bank One Health Management Programs
DEE W EDINGTON (Health Management Research Ctr)
$420,000 08/01/05 - 12/31/07

Mott, Ruth Foundation
Green Arts
HARRY S BLECKER (Flint Ctr/Environmental Rsch)
$307,762 12/01/05 - 08/31/08

Nanodynamics, Inc.
Efficient UV (Ultraviolet)/X-Ray Biodecontamination Source
STEPHEN C RAND (CoE EECS-Opt)
$30,288 01/01/06 - 06/30/06

National Aeronautics and Space Administration
Comprehensive Two-Dimensional Gas Chromatography (GCxGC) Using Microfabricated Columns

STEFAN SCHERER (Space Physics Research Lab)
With ERNEST HASSELBRINK (Mechanical Engineering); KENSALL D WISE (CoE EECS-SSEL II)
$299,038 12/01/05 - 11/30/08

National Childhood Cancer Foundation
Children's Oncology Chair Group Chair's Grant
PATRICIA L ROBERTSON (Pediatrics-Neurology)
$13,901 03/01/05 - 02/28/06

National Science Foundation
Interhemispheric High Latitude Ionospheric Electrodynamics Using a Coordinated Analysis of AMISR, Sundstrom, SuperDARN and Other Data Sets
CALVIN ROBERT CLAUER (Space Physics Research Lab)
With AARON JAMES RIDLEY (Space Physics Research Lab)
$392,553 12/01/05 - 11/30/08

Origin and Early Evolution of Whales in Eocene Tethys Pakistan
PHILIP D GINGERICH (LSA Paleontology Museum)
$235,000 12/01/05 - 11/30/08

Nanoscale Mineralogy and Geochemistry of Arsenic Pyrite in Ore Deposits
STEPHEN E KESLER (LSA Geological Sciences)
With SATOSHI UTSUNOMIYA (LSA Geological Sciences)
$215,222 12/01/05 - 11/30/07

CAREER: Hybrid Theoretical/Experimental Studies of Metal/Metal-Oxide Interface Chemistry: The Role of Oxide Support in Au/Oxide Catalytic Activity
SULJO LINIC (Chemical Engineering Dept)
$399,991 09/01/06 - 08/31/11

Graduate Research Fellowship Program
JANET A WEISS (Grad Schl-Fellowship Prgm)
$400,000 12/01/05 - 11/30/06

Natural Resources Defense Council
Automaker Fuel Economy Strategy Study
WALTER S MCMANUS (UMTRI-OSAT)  
$28,000  11/01/05 - 03/31/06  
**Nissan Motor Company**  
Human Factors for "Wiser Brain" Speech Interfaces: Interface Development  
PAUL A GREEN (UMTRI-Human Factors)  
$159,441  10/01/05 - 05/31/06  
**NMDP (National Marrow Donor Program)**  
Regulation of Acute Graft-Versus-Host Disease (GVHD) and Graft-Versus-Leukemia (GVL)  
Effect by Histone Deacetylase Inhibitors  
PAVAN R REDDY (Int Med-Hematology/Oncology)  
$240,000  07/01/05 - 06/30/08  
**Nufern**  
Development of High-Power 1550-nm Fiber Laser Technology Using low - NA LMA Er/Yb Fibers  
ALMANTAS GALVANAUSKAS (CoE EECS-Opt)  
$50,000  09/01/05 - 01/31/06  
**Oak Ridge Associated Universities**  
Structural Genomics of RNA using RDC-NMR: Residues Neighboring Bulge Motifs  
HASHIM M AL-HASHIMI (LSA Chemistry)  
$5,000  07/01/04 - 06/30/05  
**Peace Corps**  
Strategy Contract (Peace Corps Recruitment)  
WILLIAM E NOLTING (International Center)  
$12,605  10/01/05 - 09/30/06  
**Pfizer, Inc.**  
Sample Bank Support Agreement  
THOMAS J GIORDANO (Pathology Department)  
$376,222  12/20/05 - 12/19/06  
Life Skills Program Presentations t Pfizer  
MONA L GOLDMAN (Psych Hospital & Community Svc)  
$10,000  10/27/05 - 12/31/05  
Essentials Oils as Anti-Inflammatory Agents  
KEITH L KIRKWOOD (Periodontics and Oral Medicine)  
$92,503  12/01/05 - 04/30/06  
**PPD, Inc.**  
A Multicenter, Double-Phase, Randomized, Double-Blind, Placebo-Controlled Study, Evaluating the Effects of Tolterodine ER on Urgency Urinary Incontinence (UI), Urgency, Frequency. Sexual Quality-of-Life, and Sexual Function in Women with Overactive Blad  
DEE E FENNER (Obstetrics and Gynecology Dept)  
$5,095  04/01/05 - 03/31/06  
**Research to Prevent Blindness, Inc.**  
Medical Student Fellowship  
DONALD G PURO (Ophthalmology & Visual Science)  
$25,000  01/01/06 - 12/31/06  
**Sarcoma Alliance for Research Through Collaboration (SARC)**  
Phase III Randomized Trial of 120-Minute Infusion Gemcitabine v. 90-Minute Infusion Gemcitabine Plus Docetaxel in Unresectable Soft Tissue Sarcoma: A Multi-Disciplinary Trial of the North American Sarcoma Study Group of the Connective Tissue Oncology S  
SCOTT M SCHUETZE (Int Med-Hematology/Oncology)  
$35,000  07/01/04 - 06/30/05  
**Serono, Inc**  
Assessment of Interventions to Decrease Injection Pain Site Reactions with Subcutaneous Interferon Beta Treatment (ASSIST - Redness Study)  
Protocol#: A5451003)  
DANIEL D MIKOL (Neurology Department)  
$39,976  04/01/05 - 03/31/06  
**Smartpill Diagnostics**  
A Comparison Trial of SmartPill diagnostics, Inc. ACT GI Monitoring System with Scintigraphic Gastric Emptying Procedure for Determining Gastric Residence Time  
WILLIAM LEE HASLER (Int Med-Gastroenterology)  
$43,635  09/01/05 - 08/31/06  
**Smithsonian Institution**  
Entropy in Low-Mass Galaxy Cluster Out to Moderate Radii  
JOEL N BREGMAN (LSA Astronomy)  
$31,630  11/20/05 - 11/19/06
Southwest Research Institute
Analytical Transmission Electron Microscopy of Ion Beam Modified Materials for Aerospace Applications
LUMIN WANG (Nuclear Eng & Radiological Sci) $10,000 09/15/04 - 12/06/05
Southwest Sciences, Inc.
Diode Laser-Based Flight Test Instrumentation for Scramjets (STTR Ph 2)
JAMES F DRISCOLL (Aerospace Engineering) $137,105 11/15/05 - 11/14/06
Space Telescope Science Institute
The Masses of the Ultraluminous X-Ray Sources
JOEL N BREGMAN (LSA Astronomy) $56,239 12/01/05 - 11/30/07
The Onset of Star Formation in the Universe: Constraints from Nearby Isolated Dwarf Galaxies
MARIO L MATEO (LSA Astronomy) $42,948 11/01/05 - 10/31/07
Are Field OB Stars Alone?
MARION SIANG-LI OYEY (LSA Astronomy) $47,673 12/01/05 - 11/30/07
TechTown
TechTown Master Plan Concepts
ROY STRICKLAND (Coll of Arch & Urban Planning) $89,100 01/02/06 - 09/01/06
Tellabs
Optical Modulators and Amplifiers for Cost Reduction of First Mile Solutions
MOHAMMED NAZRUL ISLAM (CoE EECS-Opt) $300,000 01/01/06 - 12/31/07
Therakos, Inc.
Characterization of the In Vivo Effects of Extracorporeal Photopheresis on T-cell and Antigen Presenting Cell Function in Murine Acute Graft-Versus-Host Disease (GVHD)
JAMES L FERRARA (Pediatrics-Hematology/Oncology) $125,204 07/01/05 - 06/30/06
Transportation, Department of-Federal Highway Administration
Technical Support and Assist for FHWA's Human-Centered Systems Team: Evaluation of Pedestrian and Bicycle Safety Engineering Countermeasures - Phase 1
BARRY H KANTOWITZ (UMTRI-Administration / Library) $511,338 12/01/05 - 05/31/09
UAW-General Motors Corporation
Health Risk Appraisals, Decision Support and Evaluation of General Motors LifeSteps, Disease Management and Executive Health program
DEE W EDINGTON (Health Management Research Ctr) $4,854,400 01/01/05 - 12/31/08
University of Arizona
Collaborative Research on the Genetic Effects of Culture: Y Chromosome DNA, mtDNA and Patrilineal Kinship
BEVERLY I STRASSMANN (RCGD-Rschr Cntr for Grp Dyn) $7,820 08/01/05 - 07/31/07
University of California
Advanced Methods for the Analysis of Image and Image-Like Data
SELM ESESGOGLU (LSA Mathematics) $50,000 07/15/05 - 07/14/08
University of California - Irvine
Femtosecond Laser Aqueous Outflow Facility
KYLE W HOLLMAN (Biomedical Engineering) $82,578 07/01/05 - 08/31/06
Gene-Environment Interactions in Human Parturition
CHARLES F SING (Human Genetics Department) With VINOD K MISRA (Pediatrics-Genetics) $246,245 07/01/05 - 04/30/06
University of Illinois
Analysis and Design of Ultrawide Band and High Power Microwave Pulse Interactions with Electronic Circuits and Systems
ERIC MICHIELSEN (CoE EECS-Rad) $65,000 01/15/05 - 01/14/06
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 MICHELSSEN (CoE EECS-Rad)
$74,800 05/01/04 - 11/30/05

University of Massachusetts
International Medical Prevention Registry on Venous Thromboembolism
JAMES B FROEHLICH (Int Med-Cardiology)
$10,799 10/01/05 - 09/30/06

University of North Carolina
Targeted Genetic Analysis of T2D and Quantitative Traits
MICHAEL LEE BOEHNKE (Biostatistics Department)
$107,409 09/01/05 - 06/30/06

University of Texas
The Family Blood Pressure Program (GENOA Network)
SHARON REILLY KARDIA (Epidemiology Department)
$153,724 09/30/05 - 08/31/06

University of Texas Southwestern
Treatment Prediction in Adolescent and Adult Depression
ROSEANNE ARMITAGE (Psychiatry Depression Center)
With NEERA GHAZIUDDIN (Psychiatry Child Services); ROBERT F HOFFMANN (Psychiatry Depression Center); SAULO C M RIBEIRO (Psychiatry Depression Center)
$252,450 04/01/05 - 03/31/06

Wyeth Pharmaceuticals, Inc.
Comparison of the Use of Piperacillin/Tazobactam vs. Cefepime in the Empiric Treatment of Febrile Neutropenia
JAMES G STEVENSON (College of Pharmacy)
With CURTIS D COLLINS (College of Pharmacy); EMILY ROSE STUNTEBECK (College of Pharmacy)
$16,644 05/26/05 - 09/30/06

Inhibition of Venous Thrombosis and Inflammation by a PAI-1 Inhibitor in Non-Human Primates
THOMAS W WAKEFIELD (Vascular Surgery Section)
With DANIEL DURANT MYERS JR (Vascular Surgery Section)
$284,436 01/01/06 - 12/19/06