

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.

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

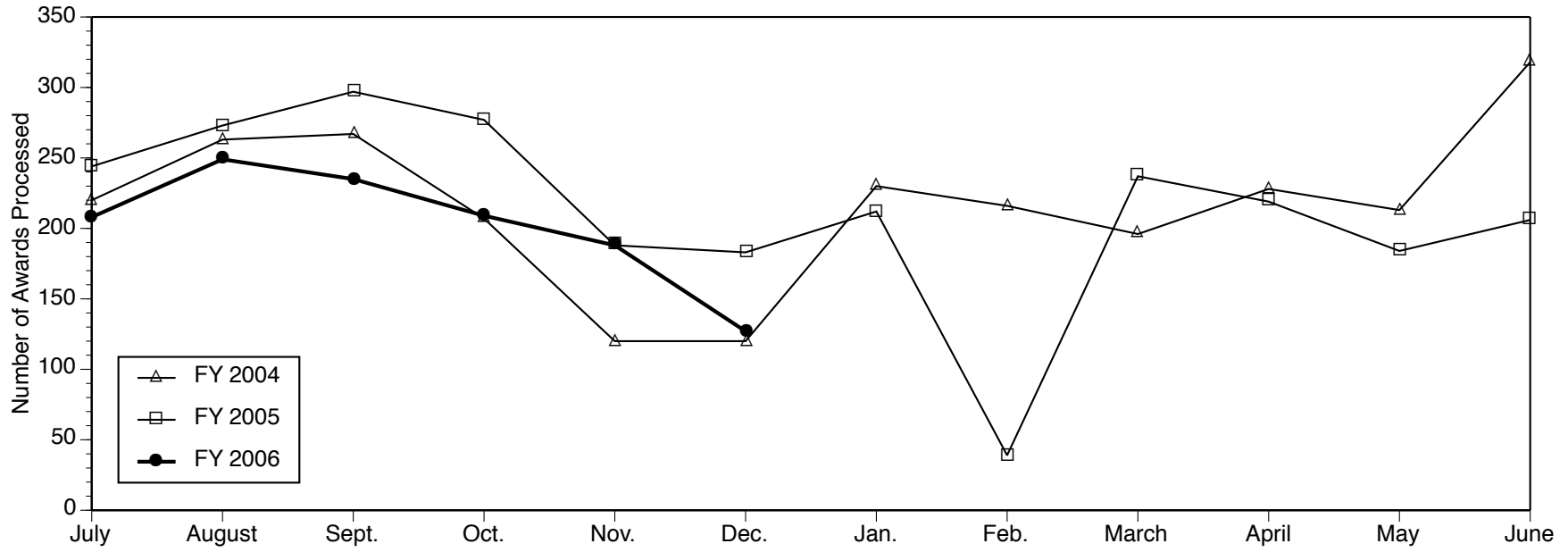
December 2005 experienced strong activity when compared with the previous December. As a result, year-to-date totals for FY 2006 are in the positive range when compared with the year-to-date data in FY 2005. December's increase was caused by the processing of eleven awards valued in excess of \$1.0 million 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 -----

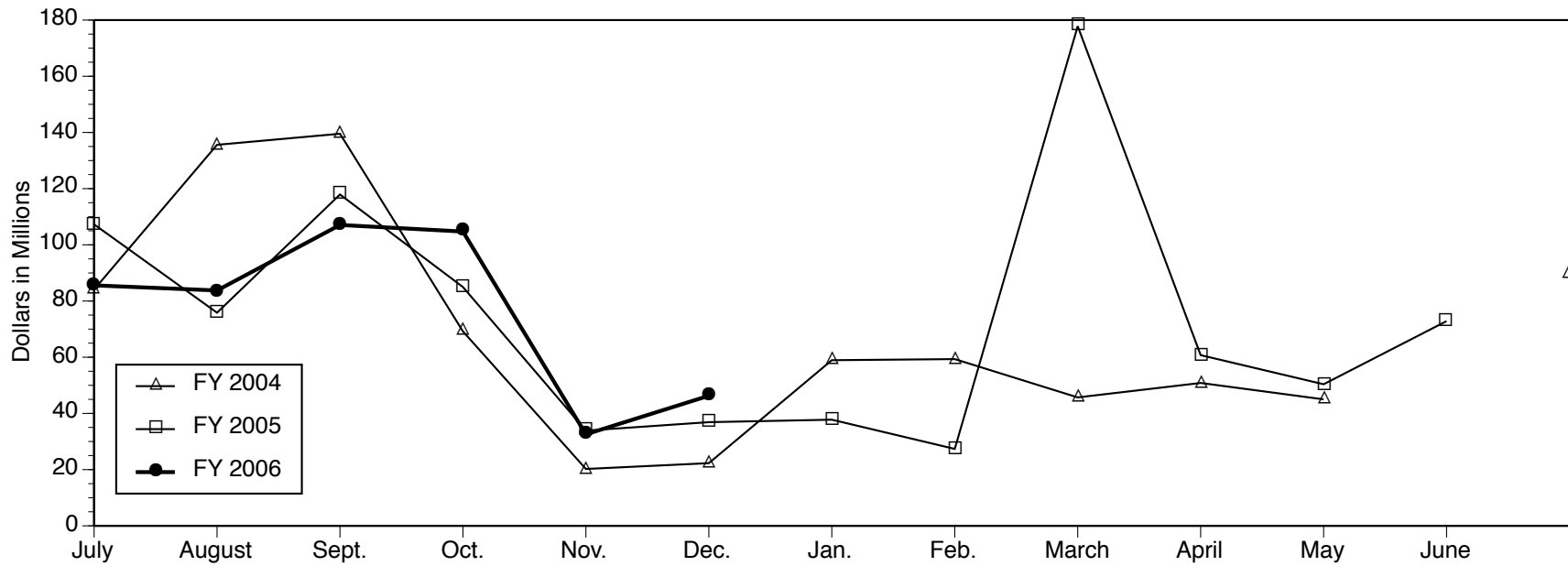
	Federal Expendable Restricted	Other Funds	Total Expenditures
December 2005	\$241,480,737	\$82,409,451	\$323,890,188
December 2004	\$237,619,172	\$85,129,717	\$322,748,889
Percent Change	1.6%	(3.2%)	0.4%

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 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.

**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

Neuronal Nitric Oxide and Selective Nitric  
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 Testing-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 Amniotic 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 I50L 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 SAITOU (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 OLGUIN (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 FREESE (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 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

MARC A 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 BARSKY (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**

Development of a Digital Water Atlas: Spatial and Tabular Data, Assessment and Characterization Tools, and Conservation Planning Guide for Michigan's Inland Waters

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, Sondrestrom, 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  
Arsenian 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 OEY (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-Rsrch 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

SELIM ESEDOGLU (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 MICHIELSSEN (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 MICHIELSSEN (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 GHAZI UDDIN  
(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