

AWARDS PROCESSED  
 Research and Other Sponsored Activities  
 February 1, 2006 through February 28, 2006

Received by the Regents  
 March 17, 2006

The awards detailed in this list were processed from February 1, 2006 through February 28, 2006. 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 (February)	161	130	(19.3%)	\$62,999,627	\$41,642,796	(33.9%)
Research Awards	114	97	(14.9%)	\$60,966,024	\$31,929,176	(47.6%)
Research Training	2	7	250.0%	\$50,000	\$3,474,300	6848.6%
Other Sponsored Activity	45	26	(42.2%)	\$1,983,603	\$6,239,320	214.5%
<hr/>						
Total Awards Processed Fiscal Year to Date	1,835	1,550	(15.5%)	\$560,577,029	\$557,160,510	(0.6%)
Research Awards	1,282	1,158	(9.7%)	\$473,996,388	\$478,427,788	0.9%
Research Training	84	75	(10.7%)	\$13,011,624	\$31,606,487	142.9%
Other Sponsored Activity	469	317	(32.4%)	\$70,569,017	\$47,126,235	(33.2%)

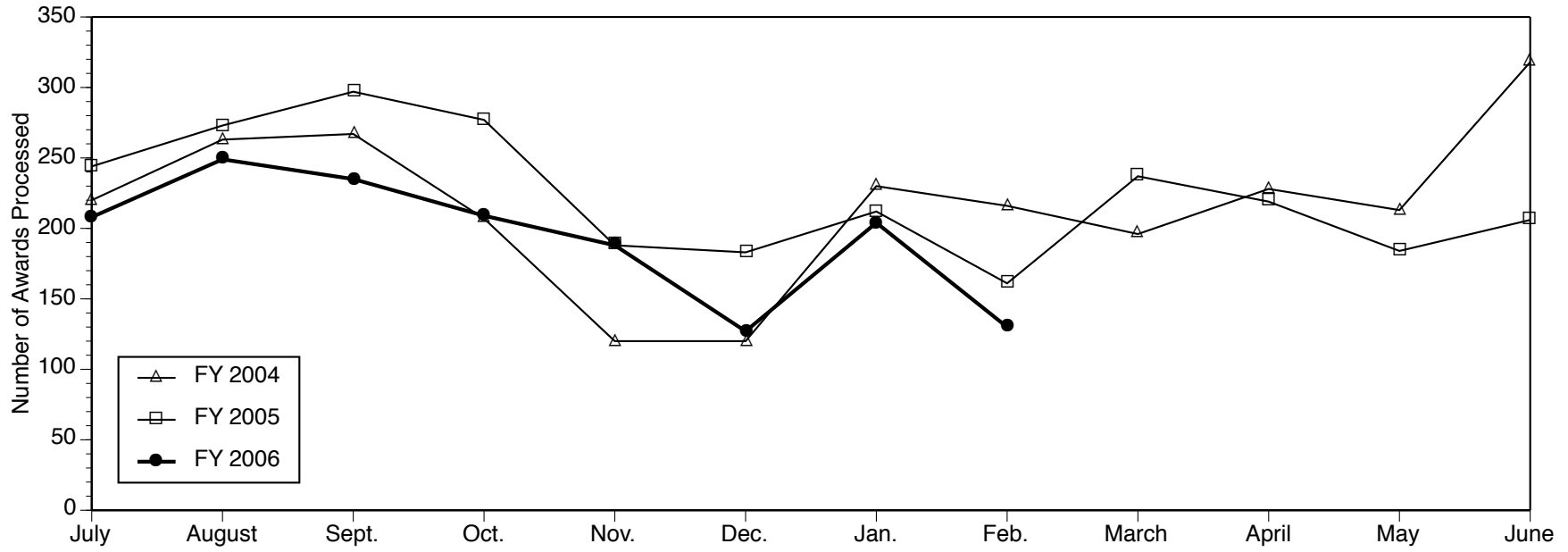
Some softness in the dollar value of awards processed in February 2006 compared with February 2005 ended the growth seen in the prior two months. This change can be attributed to a larger number of high value awards (over \$1.0 million) processed in February 2005 compared with February 2006. There were \$44.5 million such awards in February 2005 compared with \$27.4 million in February 2006.

----- RESEARCH EXPENDITURES -----

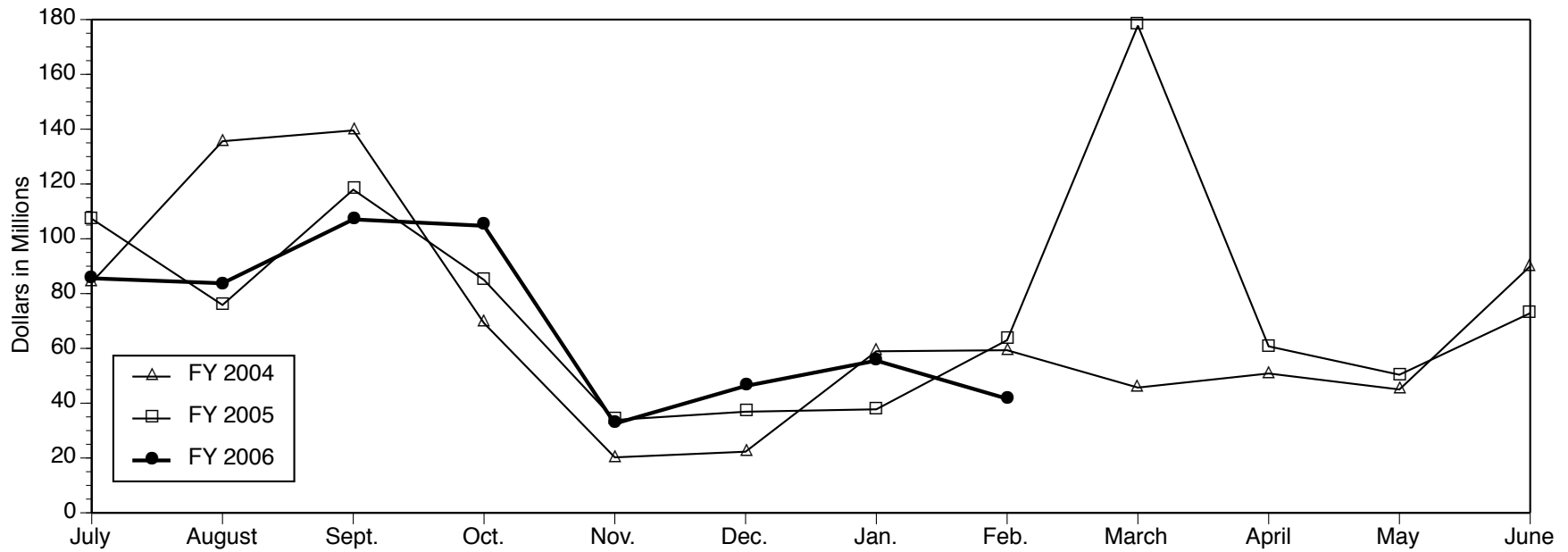
	Federal Expendable Restricted	Other Funds	Total Expenditures
January 2006	\$333,949,300	\$121,556,147	\$455,505,447
January 2005	\$327,351,999	\$118,848,549	\$446,200,548
Percent Change	2.0%	2.3%	2.1%

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**

**February 1, 2006 through February 28, 2006**

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.

**American Academy of Otolaryngology - Head & Neck Surgery Foundation, Inc.**

Effect of Anabolic PTH on Distracted Mandibular Bone

DOUGLAS BRIAN CHEPEHA (Head and Neck Oncology)

\$14,998 07/01/05 - 06/30/06

**American Association for Hand Surgery (AAHS)**

A Prospective Study of Surgical Outcomes of Volar, Fixed-Angle Plate Fixation of Unstable Distal Radius Fractures

STEVEN CARL HAASE (Plastic Surgery Section)

With KEVIN CHI CHUNG (Plastic Surgery Section)

\$5,000 02/01/06 - 01/31/07

**American Chemical Society**

A Section-Based Approach to Quantifying the Geologic Record

SHANAN PETERS (LSA Paleontology Museum)

\$35,000 03/01/06 - 08/31/08

**American College of Rheumatology**

ACR/REF Rheumatology Fellowship Training Award

RORY MARCUS MARKS (Int Med-Rheumatology)

\$25,000 07/01/06 - 06/30/07

**American Health Holding, Inc**

Provision of Web Health Risk Appraisals

DEE W EDINGTON (Health Management Research Ctr)

\$120,000 01/01/05 - 12/31/08

**American International Health Alliance, Inc.**

HIV/AIDS Nurse Teacher Training, Tanzania

JEANNE RAISLER (SON-Grants)

\$60,587 09/01/05 - 08/30/06

**American Lung Association**

Mesenchymal Cell Survival Signaling in the Pathogenesis of Pulmonary Fibrosis

VICTOR J THANNICKAL (Int Med-Pulm./Critical Care)

With RICHARD H SIMON (Int Med-Pulm./Critical Care)

\$40,000 07/01/06 - 06/30/07

**American Society of Maxillofacial Surgeons**

Efficacy of Irradiated Bone Regenerate Salvage Modalities

STEVEN R BUCHMAN (Plastic Surgery Section)

\$7,850 01/01/06 - 12/31/06

**Andrews University**

BTG (Bridging the Gap) Illicit Drug Team Data Analysis

LLOYD D JOHNSTON (SRC-Studies of Youth)

\$18,351 03/01/06 - 02/28/07

**AOI Pharmaceuticals**

An Open-Label Phase II Study of the Safety and Efficacy of Perifosone Alone and in Combination with Dexamethasone for Patients with Relapsed or Relapsed/Refractory Multiple Myeloma

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$133,695 02/07/06 - 02/06/08

**Baxter Healthcare Corporation**

Evaluation of Efficacy of Passport for Life and PatientLink in Hemophilia Treatment Adherence Interventions

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$3,700 02/06/06 - 09/05/07

**Berlex Laboratories, Inc.**

Multi-center, Randomised, Double-blind, Placebo-controlled, Dose Response Study to Evaluate the Efficacy and safety of Ad5 1FGF-04 in Patients with Stable Angina

PAUL M GROSSMAN (Int Med-Cardiology)

\$3,600 11/01/05 - 12/01/08

**Brookhaven National Laboratory**

Network Management: Enabling LHC Physics for US ATLAS at Brookhaven National Laboratory

SHAWN P MCKEE (LSA Physics)

\$25,000 10/01/05 - 09/30/06

**Brookings Institution**

Census Research - Metropolitan Policy Program (continuation)

WILLIAM H FREY (Pop Studies-Research)

\$50,000 01/01/06 - 12/31/06

**Cardiovascular Medical Research & Education Fund**

Cardiovascular Medical Research and Education Fund Data Coordinating Center (CMREF DCC)

VALLERIE MCLAUGHLIN (Int Med-Cardiology)

With KIM ALLEN EAGLE (Int Med-Cardiology); MELVYN RUBENFIRE (Int Med-Cardiology)

\$2,215,658 04/01/06 - 03/31/11

**Cotherix, Inc**

A Randomized, Double-Blind, Placebo-Controlled Phase II Study to Evaluate The Safety and Pilot Efficacy of Iloprost Inhalation Solution in Adults with Abnormal Pulmonary Arterial Pressure and Exercise Limitation Associated with Mild-to-Moderate Idiopathi

KEVIN R FLAHERTY (Int Med-Pulm./Critical Care)

With FERNANDO JOSE MARTINEZ (Int Med-Pulm./Critical Care)

\$124,431 02/01/06 - 01/31/07

**Cystic Fibrosis Foundation Therapeutics, Inc.**

Species-Associated Outcomes of B. Cepacia Complex Infection in CF

JOHN J LI PUMA (Pediatrics-Infectious Diseases)

With SUSAN MURRAY (Biostatistics Department)

\$145,509 01/01/06 - 12/31/07

**Defense, Department of-Air Force, Department of the**

Directional Guided Wave for Large Area Structural Health Monitoring

CARLOS E CESNIK (Aerospace Engineering)

\$298,424 02/01/06 - 11/30/08

A Critical Investigation of Near-Wall Discharge Plasma Effects, Very-Near-Field Plume Phenomena, and Cross-Field Electron Transport in a Magnetic Lens Topology Hall Thruster

ALEC D GALLIMORE (Aerospace Engineering)

\$410,956 02/01/06 - 11/30/08

Quantitative Prediction of Available Power in Mitochondrial Arrays for Compact Power Supplies

ANN MARIE SASTRY (Mechanical Engineering)

With MARTIN A PHILBERT (Environmental Health Sciences)

\$600,000 12/01/05 - 11/30/08

**Defense, Department of-Army, Department of the**

Core Development, Integration and Demonstration of the DARPA Virtual Soldier: Supplemental Funds

BRIAN D ATHEY (Psych Labs and Bioinformatics)

\$168,300 09/01/03 - 09/21/06

Inhibiting Invasion Mediated by the Integrin Fibronectin Receptor: A New Therapeutic Target in Metastatic Breast Cancer

DONNA L LIVANT (Radiation Oncology - Ann Arbor)

\$453,472 02/10/06 - 03/09/09

Decreased Expression of the Early Mitotic Gene, CHFR, Contributes to the Acquisition of Breast Cancer Phenotypes

ELIZABETH M PETTY (Int Med-Molecular Med&Genetics)

\$89,528 02/06/06 - 03/05/09

**Defense, Department of-Defense Advanced Research Projects Agency**

MEMS Fabrication of Silicon Ion Trap Arrays for Scalable Quantum Computing

CHRISTOPHER R MONROE (LSA Physics)

\$202,200 06/01/05 - 05/31/06

**Defense, Department of-Navy, Department of the**

Development of Sum Frequency Generation Imaging Technology to Image Molecular Structures of Anti-Biofouling Polymer Surfaces with Micro- and Nanodomains

ZHAN CHEN (LSA Chemistry)

\$95,500 06/01/05 - 05/31/06

**Defense, Department of-Other**

Work, Family & Stress: Deployment Resilience & Retention Wave II

PENNY F PIERCE (SON-Cercf-Ctr for Enhancement)

With AMIRAM VINOKUR (SRC-Seh-Vinokur)

\$449,932 07/01/05 - 06/30/07

**Diamond Innovations**

High-Performance Nanostructured Polycrystalline Diamond (PCD) Cutters

RICHARD M LAINE (Materials Science & Engin.)

\$75,000 01/01/06 - 12/31/06

**Dow AgroSciences**

UMich-Dow AgroSciences Research Collaboration

DAVID H SHERMAN (Life Sciences Institute-Admin)

\$82,634 01/01/06 - 01/01/10

**Dow Chemical Company**

Gas Separation on Layer-By-Layer Assembled Membranes

NICHOLAS KOTOV (Chemical Engineering Dept)

\$190,000 02/01/06 - 01/31/08

**Drew University**

Imagining America Consortium

JULIE ELLISON (Imagining America)

\$6,000 01/01/06 - 12/31/08

**EMC Corporation**

NFSv4 Extensions for Performance and Interoperability

PETER HONEYMAN (CITI-Center for IT Integration)

With WILLIAM A ADAMSON (CITI-Center for IT Integration); JAMES BRUCE FIELDS (CITI-Center for IT Integration)

\$272,639 02/15/06 - 02/14/07

**Energy, Department of**

A University Consortium on Low Temperature Combustion for High-Efficiency, Ultra-low Emission Engines

DIONISSIOS N ASSANIS (ME - HCCI)

\$3,748,143 01/01/06 - 12/31/08

**Environmental Protection Agency**

Heat-Related Hospital Admissions Among the Elderly: Community, Socio-economic and Medical Determinants of Vulnerability and Economic Impacts

ANA V DIEZ ROUX (Epidemiology Department)

With HELEN G LEVY (Health Management and Policy)

\$576,091 01/01/06 - 12/31/08

**ERC, Inc.**

Simulation of Particles in a Rarefied Gas

IAIN D BOYD (Aerospace Engineering)

\$38,767 01/01/06 - 06/30/06

**Foundation for Child Development**

Building ESIN's Capacity to Deliver Web-Based Career Development and Research Activities

SEAN JOE (School of Social Work)

\$25,000 01/01/06 - 12/31/06

**Full Spectrum Solutions, Inc.**

Establish and Operate the Enhanced Spectrum Laboratory (ESL) at University of Michigan College of Architecture and Urban Planning  
MOJTABA NAVVAB (Coll of Arch & Urban Planning)  
\$119,996 01/01/06 - 12/31/07

**Genentech, Inc.**

A Phase IIIb, Single Masked, Multi-center, randomized Study to Evaluate the Safety & Tolerability of Ranibizumab in Naive & Previously Treated Subject with Choroidal Neovascularization Secondary to Age-Related Macular Degeneration (AMD)  
MARK W JOHNSON (Ophthalmology & Visual Science)  
With SUSAN G ELNER (Ophthalmology & Visual Science); STEPHEN J SAXE (Ophthalmology & Visual Science); ANDREW KEITH VINE (Ophthalmology & Visual Science); DAVID N ZACKS (Ophthalmology & Visual Science)  
\$250,520 02/01/06 - 01/31/08

An Open-Label, Multicenter Extension Study to Evaluate the Safety and Tolerability of Ranibizumab in Subjects with Subfoveal Choroidal Neovascularization (CNV) Secondary to Age-Related Macular Degeneration (AMD) Who Have Completed the Treatment Phase of  
MARK W JOHNSON (Ophthalmology & Visual Science)  
\$20,713 01/01/06 - 03/31/08

**Genmab**

Open Label, Dose Escalation, Followed by Double Blind, Randomized, Two-Dose, Parallel Group, Multi Center Clinical Trial of HuMax-CD4, a Fully Human Monoclonal Anti-CD4 Antibody, in Patients with Mycosis Fungoides Type CTCL (Stage IB-IVB) Who Are Refract  
MARK S KAMINSKI (Int Med-Hematology/Oncology)  
\$149,411 01/01/06 - 12/31/07

**Geopier Foundation Co., Inc.**

Use of Geopiers in Liquefiable Soils  
RUSSELL A GREEN (Civil & Environmental Engr)  
With SHERIF EL-TAWIL (Civil & Environmental Engr)  
\$19,994 12/31/05 - 08/31/06

**George Mason University Foundation**

Participation of Evolution of CME (Continuing Medical Education (CME) Shocks in a Realistic Lower Corona  
WARD B MANCHESTER IV (Space Physics Research Lab)  
With ILIA I ROUSSEV (Space Physics Research Lab)  
\$74,000 12/15/05 - 12/14/06

**Harvard University**

Statistical Methods for Correlated Biomedical Data  
RODERICK J LITTLE (Biostatistics Department)  
With BIN NAN (Biostatistics Department); JEREMY M G TAYLOR (Biostatistics Department)  
\$61,303 08/01/05 - 03/31/06

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

IPA for Catherine Lord 2006  
CATHERINE LORD (UM Autism & Comm Disorders Ctr)  
\$10,880 03/01/06 - 02/28/07

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

Fenofibrate for the Treatment of Patients with Non-Alcoholic Steatohepatitis (NASH)  
HARI S CONJEEVARAM (Int Med-Gastroenterology)  
\$304,581 02/01/06 - 01/31/08

Gene Therapy for Reconstructing Periodontal Tissues

WILLIAM V GIANNOBILE (Periodontics and Oral Medicine)  
With STEVEN A GOLDSTEIN (Orthopaedic Surgery); SCOTT J HOLLISTER (Biomedical Engineering)  
\$1,447,617 03/01/06 - 02/28/10

Active and Nonlinear Models for Cochlear Mechanics  
 KARL GROSH (Mechanical Engineering)  
 \$1,097,094 03/01/06 - 02/28/11

BMP6 Induction of Human Mesenchymal Stem Cell Osteoblast Differentiation  
 KURT D HANKENSON (Orthopaedic Surgery)  
 With JOSHUA D MILLER (Orthopaedic Surgery); PETER JAMES WOOLF (Chemical Engineering Dept)  
 \$1,635,682 04/01/06 - 03/31/11

The Plasma Membrane-Granule Interface in Exocytosis  
 RONALD W HOLZ (Pharmacology Department)  
 \$1,696,620 03/01/06 - 02/28/11

Regulation of Factor VIII Secretion  
 RANDAL J KAUFMAN (Biological Chemistry Dept)  
 With STEVEN W PIPE (Pediatrics-Hematology/Oncology)  
 \$1,745,942 12/01/05 - 12/31/10

Cholinergic Mechanisms of Breathing During Sleep  
 RALPH LYDIC (Anesthesiology Department)  
 \$1,880,086 12/01/05 - 11/30/10

Biocompatible Chemical Sensors Via Nitric Oxide Release  
 MARK E MEYERHOFF (LSA Chemistry)  
 With ROBERT HAWES BARTLETT (General Surgery Section)  
 \$841,763 01/01/06 - 12/31/09

Stem Cells in Peripheral Nervous System Development  
 SEAN MORRISON (Life Sciences Institute-Admin)  
 \$881,319 02/01/06 - 08/31/09

HTS For Small Molecule Modulators or RGS Proteins  
 RICHARD ROBERT NEUBIG (Pharmacology Department)  
 \$94,772 02/01/06 - 01/31/08

The Role of SEPT9 in Cell Proliferation and Oncogenesis  
 ELIZABETH M PETTY (Int Med-Molecular Med&Genetics)  
 With THOMAS J GIORDANO (Pathology Department)  
 \$1,529,516 01/01/06 - 12/31/10

Wnt Signaling in Retinal Stem Cells  
 PAMELA A RAYMOND (LSA Molec./Cell./Develop. Bio)  
 \$94,772 07/01/06 - 06/30/08

Functional Consequences of C/EBP $\beta$  Acetylation  
 JESSICA SCHWARTZ (Molec & Integrative Physiology)  
 \$69,004 02/01/06 - 01/31/08

Skill Acquisition in Older Adults - Research Supplement to Promote Diversity in Health Related Research  
 RACHAEL D SEIDLER (Division of Kinesiology)  
 \$44,679 02/01/06 - 07/31/06

Analysis of L. Pneumophila Virulence Regulation  
 MICHELE S SWANSON (Microbiology and Immunology)  
 \$1,317,628 02/15/06 - 01/31/11

PS-341-Induced Apoptosis in Squamous Cell Carcinoma  
 CUN-YU WANG (Biologic and Materials Science)  
 \$1,646,624 04/01/06 - 03/31/11

Calcium and Pancreatic Stimulus-Secretion Coupling  
 JOHN ANDREW WILLIAMS (Molec & Integrative Physiology)  
 With STEPHEN A ERNST (Cell and Developmental Biology)  
 \$1,530,189 12/01/05 - 11/30/10

Computer-Aided Detection of Pulmonary Embolism on Computerized Tomography  
 CHUAN ZHOU (Radiology Department)  
 With HEANG-PING CHAN (Radiology Department); BERKMAN SAHINER (Radiology Department)  
 \$418,006 03/01/06 - 02/29/08



**ICON Clinical Research, Inc.**

A Multicenter Randomized, Double-Blind, Placebo-Controlled Trial of a Novel CCR5 Antagonist, UK-427,857, in Combination with Optimized Background Therapy Versus Optimized Background Therapy Alone for the Treatment of Antiretroviral-Experienced HIV-1 Infection  
JAMES RIDDELL IV (Int Med-Infectious Diseases)

\$65,598 12/01/05 - 05/31/07

**IMRA America, Inc.**

NSF: IUCRC Industry Sponsorship (Yr 2)  
JYOTIRMOY MAZUMDER (CoE Claims Lab)

\$30,000 10/01/05 - 12/31/06

**Indiana University**

EVA Digital Archive Project  
LESTER P MONTS (Ofc Provost & Exec VP Acad Aff)

\$109,420 01/01/05 - 06/30/06

**Innovative Biotherapies**

Recharge - Industry Users of the University of Michigan Dental School Histology and Molecular biology Cores

CHARLOTTE M MISTRETTA (Office of Research - Dentistry)

\$198 07/01/05 - 06/30/06

**Intel Corporation**

Wireless Integrated Microsystems National Science Foundation Engineering Research Center  
KENSALL D WISE (CoE EECS - WIMS ERC)

\$50,000 09/01/05 - 08/31/06

**International Fine Particle Research Institute, Inc.**

IFPRI Collaboration Grant  
MICHAEL J SOLOMON (Chemical Engineering Dept)

\$5,000 09/01/05 - 08/31/06

**Japan Foundation**

Central Association of Teachers of Japanese (CATJ) 18th Annual Conference

NANCY K FLORIDA (LSA Asian Languages & Cultures)

\$1,000 03/04/06 - 03/05/06

**Jet Propulsion Laboratory**

Concept Development for Campaign Methodologies Concept Element Toolkit  
NILTON O RENNO (Atm, Oceanic & Space Sci.)

\$8,500 02/08/06 - 09/30/06

Basic Concept Studies of Large Array Calibration Using In-Orbit Target

KAMAL SARABANDI (CoE EECS-Rad)

\$80,000 02/01/06 - 01/31/07

**JSTOR**

Journal Storage Project (JSTOR)  
NATHAN ERIKSEN (School of Information)

\$376,558 01/01/06 - 12/31/06

**Kalliopeia Foundation**

Medicine for the Earth: Healing the Heart  
SARA LESLEY WARBER (Department of Family Medicine)

\$19,827 10/19/05 - 10/18/06

**Lynntech, Inc.**

A Portable and Rugged Base-Deficit Monitor  
SUSAN A STERN (Emergency Medicine)  
With BONITA MERLE SINGAL (Emergency Medicine); XU WANG (Emergency Medicine)

\$225,000  
10/01/04 - 08/31/06

**Massachusetts General Hospital**

Post-Trial Access for Insured and Uninsured Patients

SUSAN D GOOLD (Int Med-General Medicine)

\$43,028 09/29/05 - 06/30/06

**Medimmune, Inc.**

Three Anti-HMGB1 Human Monoclonal Antibodies on the Survival of Cecal Ligation and Puncture (CLP) Rat Model

PETER A WARD (Pathology Department)

\$40,000 01/23/06 - 01/23/07

**Merck and Company, Inc.**

Management of Metabolic Syndrome in the U.S. Adult Population

MARY N HAAN (Epidemiology Department)

\$99,500 02/01/06 - 01/31/07

**Michigan Primary Care Association**

CLONE: School-Based and School-Linked Child and Adolescent Health Centers-Clinical Child and Adolescent Centers

SHARON A REDMER (UMH RAHS  
Scarlett Middle School)

With JENNIFER A SALERNO (UMH  
RAHS Stone High School)

\$175,000 10/01/05 - 09/30/06

School-Based and School-Linked Child and Adolescent Health Centers-Non-Clinical Adolescent Health Centers

SHARON A REDMER (UMH RAHS  
Stone High School)

With JENNIFER A SALERNO (UMH  
RAHS Stone High School)

\$85,000 10/01/05 - 09/30/06

**Michigan, State of, Labor and Economic Growth, Department of**

Ergonomics Training, Job Analysis and Follow-Up Activities for Small- and Medium-Sized Michigan Companies

THOMAS J ARMSTRONG (Center for  
Ergonomics)

With RANDALL A RABOURN  
(Center for Ergonomics); SHERYL  
ULIN (Center for Ergonomics)

\$95,000 10/01/05 - 09/30/06

**Molecular Imaging Research Inc.**

Use of ULAM (University Laboratory for Animal Medicine) Services

HOWARD G RUSH (Lab Animal  
Medicine Unit)

\$48,164 07/01/05 - 06/30/06

**National Aeronautics and Space Administration**

The Key to Explore the Disk-Jet Connection in AGN

MARGO F ALLER (LSA Astronomy)  
\$5,000 02/01/06 - 01/31/07

To the Depths of Venus: A Comprehensive Exploration of Atmospheric Dynamics and Chemistry on Our Sister World

SUSHIL K ATREYA (Atm, Oceanic &  
Space Sci.)

\$60,000 02/01/06 - 01/31/09

**Global Magnetohydrodynamic (MHD)**

Simulations in Support of the SMART Mission  
TAMAS I GOMBOSI (Space Physics  
Research Lab)

With AARON JAMES RIDLEY  
(Space Physics Research Lab)

\$15,000 02/01/06 - 01/31/07

Investigations of Pulsar Wind  
Nebulae: A Marriage of Relativistic  
Hydrodynamic Simulations and  
Observational X-Ray Astronomy

PHILIP A HUGHES (LSA Astronomy)  
\$24,000 10/01/05 - 09/30/06

Development and Application of a Compositional Parametric Approach to Human Performance Prediction

RICHARD L LEWIS (LSA Psychology)  
\$366,277 06/01/05 - 05/31/07

Connecting Black Hole States and Accretion Flow Geometry

JON MATTHEW MILLER (LSA  
Astronomy)

\$50,999 09/01/05 - 08/31/06

An Optical Survey for Space Debris in Geosynchronous Orbit

PATRICK O SEITZER (LSA Astronomy)  
\$241,713 02/01/06 - 01/31/07

Development of Novel MEMS-Based Technologies for Solar Physics Experiments  
THOMAS H ZURBUCHEN (Space  
Physics Research Lab)

\$24,000 07/01/05 - 06/30/06

Spacecraft Optimization: Coupling Trajectory, Propulsion, and Power Systems

THOMAS H ZURBUCHEN (Space  
Physics Research Lab)

\$24,000 09/01/05 - 08/31/08

**National Fish and Wildlife Foundation**

Minorities and Conservation: The Pipeline, Career Development and Workforce Participation

DORCETA E TAYLOR (Sch of Nat  
Resources & Environ)

\$56,995 08/01/05 - 07/31/06

**National Safety Council**

Reducing Motor Vehicle Crash Risk Among Adolescent Drivers: Taking Checkpoints to the Next Level

JEAN T SHOPE (UMTRI-Social & Behav Analysis)

With C RAYMOND BINGHAM (UMTRI-Social & Behav Analysis)  
\$250,000 09/30/05 - 09/29/07

**National Science Foundation**

SUPPLEMENT REQUEST: PROJECT SLUCE: Spatial Land Use Change and Ecological Effects at the Rural-Urban Interface: Agent-Based Modeling and Evaluation of Alternative Policies and Interventions

DANIEL G BROWN (Sch of Nat Resources & Environ)

\$7,530 04/01/04 - 09/30/06

Precision Measurements with Polarized Cold Neutron Beams and <sup>3</sup>He

TIMOTHY E CHUPP (LSA Physics)  
\$5,000 11/01/05 - 04/30/06

The Tribal Finance Information Clearinghouse  
GAVIN STUART CLARKSON (School of Information)

\$100,000 02/01/06 - 01/31/07

GRANT TRANSFER from University of Texas - Austin: Dynamic Processes at the Nanoscale in Polymer Systems

PETER F GREEN (Materials Science & Engin.)

\$488,000 09/01/05 - 04/30/07

GRANT TRANSFER FROM BROWN

UNIVERSITY: Food insecurity in recently resettled African refugee communities

GEORGE A KAPLAN (Epidemiology Department)

\$101,820 09/15/05 - 01/31/08

Basement Sill, Antarctica: Constraints from its PGE Abundance Patterns and Isotopic

Compositions on Magma Source Characteristics and Crystallization Processes

SAMUEL B MUKASA (LSA Geological Sciences)

\$28,978 02/01/06 - 01/31/07

Co-Sponsoring of the 7th International Conference on Frontiers of Design and Manufacturing

ALBERT J SHIH (CoE Wu Mfg Research Center)

\$15,000 04/01/06 - 03/31/07

DRU A Global Theory of Information and its Nonconconcavity, with Economic and Social Applications

LONES A SMITH (LSA Economics)  
With JUSSI SAMULI KEPPO (Industrial Operations)

\$207,749 07/01/06 - 06/30/09

Graduate Research Fellowship Program

JANET A WEISS (Grad Schl-Fellowship Prgm)

\$3,193,000 12/01/01 - 11/30/06

**Neighborhood Senior Services**

COBO Substance Abuse Prevention

JANET FOGLER (Geriatrics Social Work)

\$16,401 10/01/05 - 09/30/06

**New York Medical College**

Prevention of Vasculopathy and Nephropathy in Metabolic Syndrome

JAMES ALAN SHAYMAN (Int Med-Nephrology)

\$35,865 02/01/06 - 01/31/07

**Northstar Community Development Corporation**

Grantee Support MI AmeriCorps Partnership - 2006

MARGARET E DEWAR (Community Service Learning)

\$1,325 01/01/06 - 09/30/07

**Pfizer, Inc.**

Bioconversion of Drugs by Skin and Keratinocytes in Culture

CYNTHIA L MARCELO (Plastic Surgery Section)

\$27,500 11/12/04 - 05/11/06

**Proneuron Biotechnologies**

A Phase II, Multicenter, Randomized, Controlled Study to Evaluate the Safety and Efficacy of Autologous Incubated Macrophages for the Treatment of Patients with Complete Spinal Cord Injuries- The Procord Study

DAVID R GATER (Physical Medicine & Rehab Dept)

\$75,066 04/01/05 - 03/31/07

**Prostate Cancer Foundation**

Regulation of Metastatic Prostate Cancer by Annexin II (AX-II) and AXL/GAS6

RUSSELL S TAICHMAN (Periodontics and Oral Medicine)

\$100,000 02/01/06 - 01/31/07

**Quintiles, Inc.**

A Multicenter, Open-Label Single-Arm Study of YONDELIS (Trabectedin) for Subjects with Locally Advanced or Metastatic Soft Tissue Sarcoma Who Have Relapsed or Are Refractory to Standard of Care Treatment

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$11,800 01/25/06 - 04/19/07

**Rice University**

Theory and Practice of Analog to Information Conversion

ANNA CATHERINE GILBERT (LSA Mathematics)

With MARTIN J STRAUSS (LSA Mathematics)

\$150,000 01/30/06 - 01/29/07

**Saginaw Bay Watershed Initiative Network**

Potential Conservation Areas Analysis for Genesee, Lapeer, and Shiawassee Counties

RENEE COLEEN ZIENTEK (Flint Ctr/Environmental Rsch)

\$18,500 12/15/05 - 06/15/06

**Sandia National Laboratories**

University of Michigan Excellence in MicroSystems Engineering Fellowship

KENSALL D WISE (CoE EECS - WIMS ERC)

\$40,000 01/01/06 - 12/31/06

**Science Applications International Corporation**

Directorship of the GM/CA CAT at the Advanced Photon Source at Argonne National Laboratory

JANET L SMITH (Life Sciences Institute-Admin)

\$165,502 01/01/06 - 12/31/06

**Siemens**

NSF Engineering Research Center for Reconfigurable Manufacturing Systems

YORAM KOREN (CoE Research Center)

\$50,000 08/01/05 - 07/31/07

**Sorbent Therapeutics, Inc.**

Open Label Phase I,II Multiple Dose Ranging Trial to Assess the Safety, Efficacy and Tolerability of Cross-Linked Polyelectrolyte (CLP) in Hemodialysis (HD) Dependent Patients.

PANDURANGA S RAO (Int Med-Nephrology)

With RACHEL BURDICK FISSELL (Int Med-Nephrology)

\$458,445 02/08/06 - 02/07/07

**Southeast Michigan Council of Governments**

Long Run Forecast for Seven Counties in Michigan

GEORGE A FULTON (Inst of Labor & Industrial Rel)

\$85,000 11/01/05 - 06/30/07

**Stanford University**

NIRT Ultrahigh Efficiency Metal Nanostructure Enhanced Organic Solar Cells

MAX SHTEIN (Materials Science & Engin.)

\$444,028 08/01/05 - 07/31/09

**Steelcase, Inc.**

Life Cycle Assessment for Enhancing Product Environmental Performance at Steelcase

GREGORY A KEOLEIAN (Sch of Nat Resources & Environ)

\$30,000 01/16/06 - 08/16/06

**The Carroll and Milton Petrie Foundation**

Michigan Law Program in Geneva, Sponsored by the Petrie Foundation

EVAN H CAMINKER (Law Dean's Office)

\$2,700,000 01/01/06 - 12/31/11

**The Melanoma Research Foundation**

Small Molecule Antagonists of Oncoprotein MYC  
as Inhibitors of Malignant Melanoma

MIKHAIL NIKIFOROV (Dermatology  
Department)

\$50,000 01/01/06 - 12/31/06

**The River Raisin Watershed Council**

Research and Activities in Support of the River  
Raisin Watershed Council's Watershed  
Management Planning Proposal for the River  
Raisin Basin

J DAVID ALLAN (Sch of Nat Resources  
& Environ)

\$36,000 02/07/06 - 09/30/07

**Transportation, Department of-Federal  
Highway Administration**

Profiler Roundup 2004 - Enhancement of the  
Golden Tire Footprint Study

TIMOTHY J GORDON (UMTRI-  
Engineering Research)

\$136,500 02/01/06 - 09/28/07

**United States Civilian Research and  
Development Foundation**

Influence of Vibrations on Motion and Stability of  
Droplets and Displacement Fronts of Two-Phase  
Fluids in Porous Media

OLEG ZIKANOV (Dbn Coll of Eng-  
Mechanical Eng)

With ANATOLIY VOROBEOV (Dbn  
Coll of Eng-Mechanical Eng)

\$6,000 02/01/06 - 01/31/08

**University of Georgia**

Research on Hemlock Woolly Adelgid

MARK D HUNTER (LSA Ecology &  
Evolutionary Bio)

\$28,941 01/01/06 - 05/14/07

**University of Illinois at Urbana-Champaign**

SUBCONTRACT Proposal Tomographic  
Determination of Lower Boundary Conditions in  
the Corona

WARD B MANCHESTER IV (Space  
Physics Research Lab)

With ILIA I ROUSSEV (Space  
Physics Research Lab)

\$45,838 01/01/06 - 12/31/06

**University of New Mexico**

Cut-Cathode High-Power Microwave (HPM)  
Magnetron Experiments & Theories

RONALD M GILGENBACH (Nuclear  
Eng & Radiological Sci)

With YUE YING LAU (Nuclear Eng  
& Radiological Sci)

\$80,000 05/01/05 - 04/30/06

**University of Southern California**

Imagining America Consortium

JULIE ELLISON (Imagining America)

\$15,000 01/01/06 - 12/31/08

**Washington University**

A Research Project in Genetic Epidemiology

GONCALO ABECASIS (Biostatistics  
Department)

\$17,245 01/01/06 - 03/31/06

**Washington University in St. Louis**

Test of a 2x2x2 Array of 1.5 cm Thick CdZnTe  
Detectors and Study of Their Internal

Backgrounds in High-Altitude Balloon and Space  
Environments

ZHONG HE (Nuclear Eng & Radiological  
Sci)

\$97,343 11/14/05 - 12/31/06

**Washtenaw, County of**

Head Start Consultation

JEROME MILLER (Univ Ctr for Child &  
Family)

\$34,200 08/01/05 - 07/31/08

Regional Alliance for Healthy Schools Life-Skills  
Training Program (COBO)

SHARON A REDMER (UMH RAHS  
YpsiEast MiddleSchool)

With SHERRY E ROSE (UMH G-  
RAHS Ypsi East Middle Sc)

\$45,934 10/01/05 - 09/30/06

**Whirlpool Corporation**

Lean Research and Development

JEFFREY K LIKER (Industrial  
Operations)

\$24,833 01/01/06 - 06/30/06