

AWARDS PROCESSED
 Research and Other Sponsored Activities
 May 1, 2006 through May 31, 2006

Received by the Regents
 June 16, 2006

The awards detailed in this list were processed May 1, 2006 through May 31, 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 (May)	192	195	1.6%	\$51,068,788	\$54,809,141	7.3%
Research Awards	122	141	15.6%	\$40,250,688	\$47,874,603	18.9%
Research Training	18	11	(39.8%)	\$9,388,135	\$4,914,092	(47.7%)
Other Sponsored Activity	52	43	(17.3%)	\$1,429,965	\$2,020,446	41.3%
<hr/>						
Total Awards Processed Fiscal Year to Date	2,441	2,140	(12.3%)	\$740,237,368	\$840,606,118	13.6%
Research Awards	1,719	1,614	(6.1%)	\$637,871,091	\$745,467,854	16.9%
Research Training	114	98	(14.0%)	\$23,500,047	\$38,584,558	64.2%
Other Sponsored Activity	608	428	(29.6%)	\$78,866,230	\$56,553,706	(28.3%)

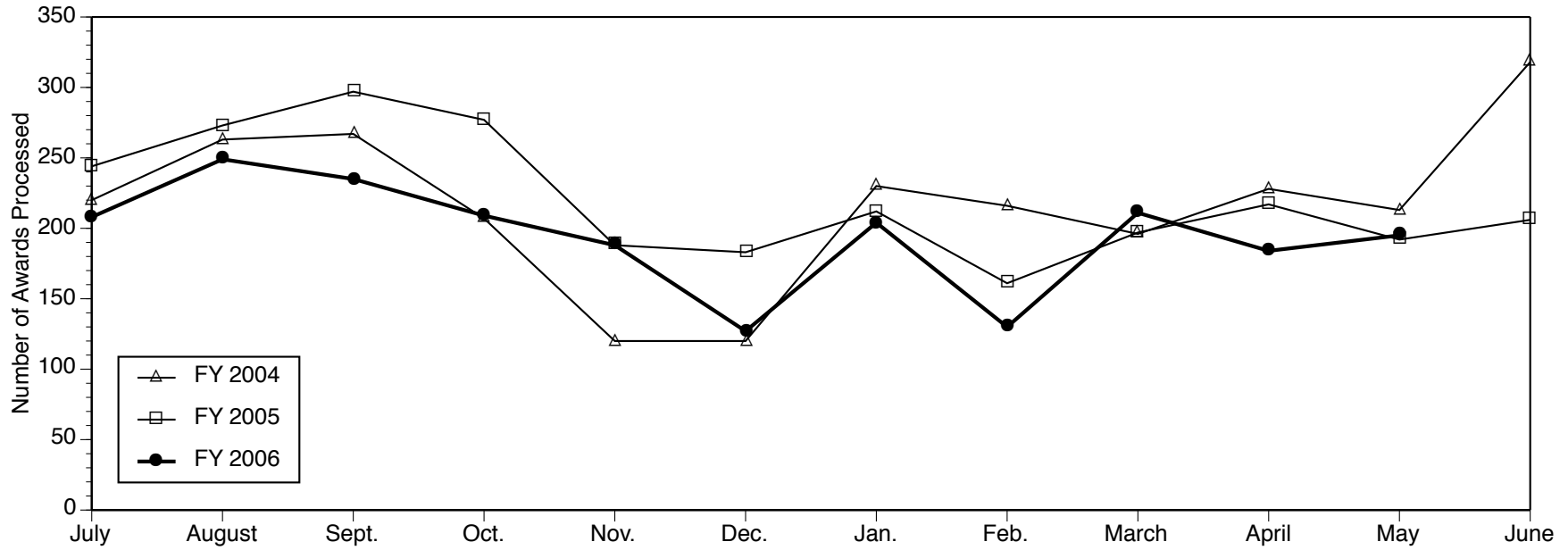
Award activity in May 2006 continues to remain relatively strong when compared with the same period in 2005. Year-to-date dollar values for the most part are on the upside primarily because of the receipt of several awards processed in FY 2006.

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

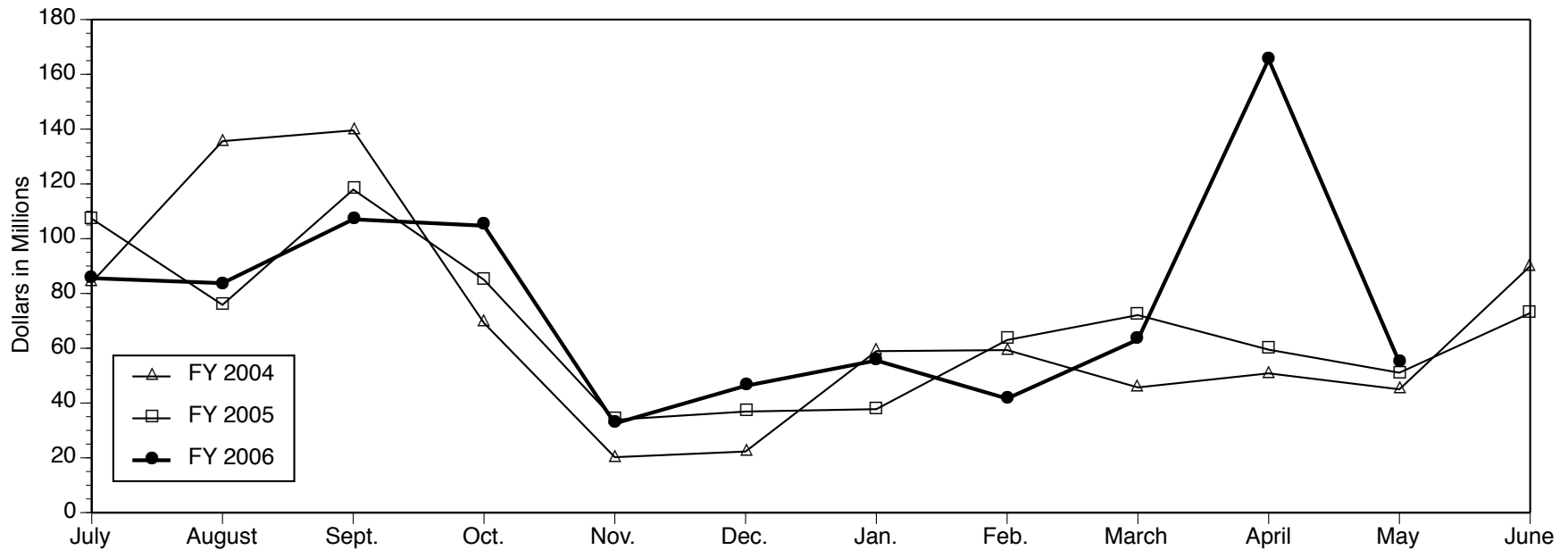
	Federal Expendable Restricted	Other Funds	Total Expenditures
April 2006	\$479,488,334	\$174,886,206	\$654,374,540
April 2005	\$469,738,510	\$163,849,050	\$633,587,560
Percent Change	2.1%	6.7%	3.3%

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

AWARDS PROCESSED
 Research and Other Sponsored Activities
 April 1, 2006 through April 30, 2006

The awards detailed in this list were processed April 1, 2006 through April 30, 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 (April)	217	184	(15.2%)	\$59,479,098	\$165,468,297	178.2%
Research Awards	168	159	(5.4%)	\$55,196,365	\$160,426,534	190.6%
Research Training	7	7	0.0%	\$280,046	\$1,049,259	274.7%
Other Sponsored Activity	42	18	(57.1%)	\$4,002,687	\$3,992,504	(0.3%)

Total Awards Processed Fiscal Year to Date	2,249	1,945	(13.5%)	\$689,168,580	\$785,796,977	14.0%
Research Awards	1,597	1,473	(7.8%)	\$597,620,403	\$697,593,251	16.7%
Research Training	96	87	(9.4%)	\$14,111,912	\$33,670,466	138.6%
Other Sponsored Activity	556	385	(30.8%)	\$77,436,265	\$54,533,260	(29.6%)

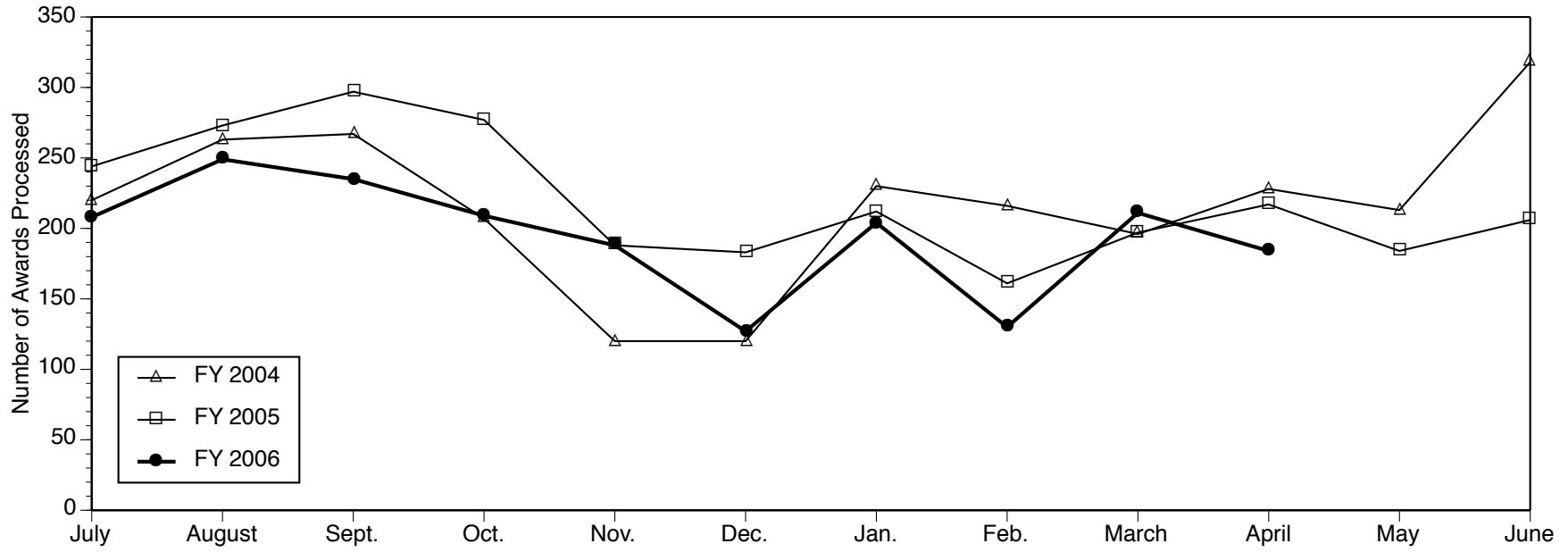
Award activity in April 2006 experienced a significant increase from a year ago caused by the receipt of two large awards. One for \$72.2 million for a "Health Retirement Study" and a second for \$30.6 million for a "General Clinical Research Center", both funded by the National Institutes of Health. These two awards had a very positive impact on the comparison value of award data between FY2006 and FY2005. The number of awards processed in FY2006 when compared to FY2005 still remains in negative territory.

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

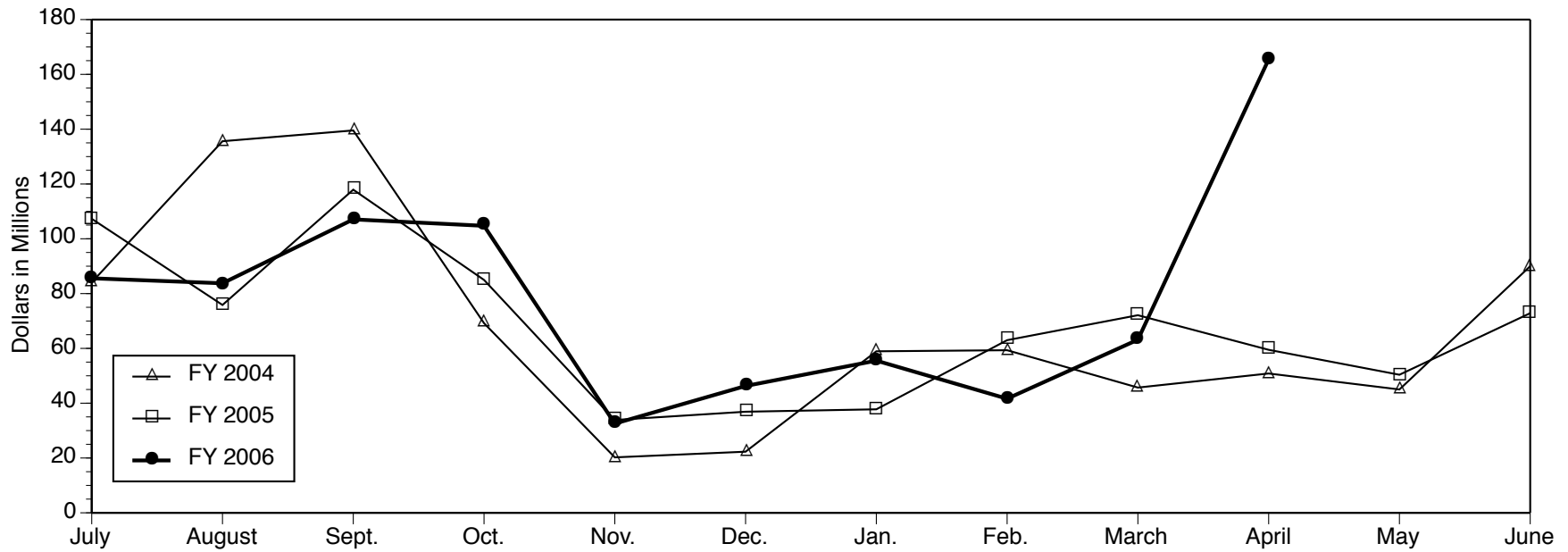
	Federal Expendable Restricted	Other Funds	Total Expenditures
March 2006	\$431,225,810	\$156,532,481	\$587,758,291
March 2005	\$418,103,178	\$147,579,154	\$565,682,332
Percent Change	3.1%	6.1%	3.9%

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

April 1, 2006 through April 30, 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.

Agriculture, Department of

McIntire Stennis 2006

DONALD R ZAK (Sch of Nat Resources
& Environ)

With WILLIAM S CURRIE (Sch of
Nat Resources & Environ); WILLIAM
E HOLMES (Sch of Nat Resources &
Environ)

\$945 10/01/05 - 09/30/06

American Academy of Nursing

Effects of a Positive Emotion-Charged Tai Chi
Home Training Program on Elders with
Alzheimer's Disease and Their Caregivers

LAN YAO (SON-Ctr on Frail & Vuln
Elders)

\$120,000 07/01/06 - 06/30/08

American Cancer Society

Integrated Large-Scale Analysis of Filamentous
Invasive Growth in Yeast

ANUJ KUMAR (Life Sciences Institute-
Admin)

\$695,000 07/01/06 - 06/30/10

Structural Studies of Telomeric Single-Stranded
DNA and its Binding Protein

MING LEI (Biological Chemistry Dept)

\$713,000 07/01/06 - 06/30/10

American Chemical Society

Simulation of Photochemical Processes and Their
Nonlinear Optical Signature Via the Generalized
Quantum Master Equation

EITAN GEVA (LSA Chemistry)

\$80,000 05/01/06 - 08/31/08

Geochemical Assessment of Magnified Microbial
Marine Productivity in Mid-Cretaceous Black
Shales

PHILIP A MEYERS (LSA Geological
Sciences)

\$8,000 03/01/06 - 08/31/06

Effects of Admolecule Velocity on Kinetics of
Organic Semiconductor Crystal Growth

MAX SHTEIN (Materials Science &
Engin.)

\$35,000 09/01/06 - 08/31/08

American College of Rheumatology

Excellence in Pediatric Rheumatology Training

BARBARA S ADAMS (Pediatrics-
Immun/Rheumatology)

With HILARY MERYL HAFTEL
(Pediatrics-Immun/Rheumatology);

MONA MAGDY RISKALLA

(Pediatrics-Immun/Rheumatology)

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

American Health Assistance Foundation

SOCS3 and Optic Nerve Regeneration in
Zebrafish

DANIEL J GOLDMAN (Molecular &
Behav Neurosc Inst)

\$90,000 04/01/06 - 03/31/08

Genetic Risk Factors and Glaucoma Outcomes

HEMANT S PAWAR (Ophthalmology &
Visual Science)

\$90,000 04/01/06 - 03/31/08

Amgen, Inc.

An Open-Label Dose and Schedule Finding Trial to Evaluate the Safety and Efficacy of AMG 531 for Treatment of Severe Thrombocytopenia Due to Multicycle Chemotherapy in Adult Subjects with Relapsed Aggressive Lymphoma

DOUGLAS W BLAYNEY (Int Med-Hematology/Oncology)

With ASRA Z AHMED (Int Med-Hematology/Oncology); AMMAR AL-ZOUBI (Int Med-Hematology/Oncology); HARRY P ERBA (Int Med-Hematology/Oncology); ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology); MARK S KAMINSKI (Int Med-Hematology/Oncology); SAMI MALEK (Int Med-Hematology/Oncology); SAMUEL M SILVER (Int Med-Hematology/Oncology)
\$171,840 04/03/06 - 04/02/08

Annenberg Foundation

Discretionary Grant in Honor of President Gerald Ford

REBECCA M BLANK (G. Ford Sch of Public Policy)
\$500,000 04/01/06 - 05/31/07

Arthritis Foundation, Michigan Chapter

Posttranslational Modifications of DEK and Their Role in Autoimmunity

DAVID M MARKOVITZ (Int Med-Infectious Diseases)
\$40,000 07/01/06 - 06/30/07

Battelle Columbus Laboratories

Cargo Tank Roll Stability Study

CHRISTOPHER B WINKLER (UMTRI-Engineering Research)
With TIMOTHY J GORDON (UMTRI-Engineering Research); PETER FRANK SWEATMAN (UMTRI-Administration / Library)
\$25,000 04/20/06 - 07/19/06

Blue Cross Blue Shield of Michigan

Participating Hospital Agreement Incentive Program

KYLE LYNN GRAZIER (Health Management and Policy)

With RICHARD A HIRTH (Health Management and Policy); JOHN R C WHEELER (Health Management and Policy)

\$50,000 03/01/06 - 06/30/07

California Institute of Technology

Laser Interferometer Gravitational Wave Observatory LIGO Project (Purchase Order No. 75-1005452 for \$56,289.00 for H. Gustafson and E Goetz effort)

JOHN K RILES (LSA Physics)
\$56,289 03/06/06 - 06/01/07

Cardiovascular Medical Research & Education Fund

University of Michigan Transplant and Processing Center

DOUGLAS A ARENBERG (Int Med-Pulm./Critical Care)

With KEVIN R FLAHERTY (Int Med-Pulm./Critical Care); VALLERIE MCLAUGHLIN (Int Med-Cardiology)
\$796,370 04/01/06 - 03/31/11

Carnegie Corporation of New York

Adolescent Literacy Development in Out-of-School Time: A Practitioner's Guidebook

ELIZABETH B MOJE (SOE-Educational Studies)
\$23,097 02/01/06 - 09/01/06

Corporation for Public Broadcasting

Ready to Learn School Implementation Study

SUSAN B NEUMAN (SOE-Educational Studies)
\$5,306,355 09/15/05 - 09/14/06

Ready To Learn Station Transition Initiative

JENNIFER BETH WHITE (Michigan Television)
\$35,000 09/01/05 - 09/30/06

Corus Pharma

A Phase 3, Double-Blind, Multicenter, Multinational, Randomized, Placebo-Controlled Trial Evaluating Aztreonam Lysinate for Inhalation in Cystic Fibrosis Patients with Pulmonary P. Aeruginosa (AIR-CF1)

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$36,509 02/22/06 - 02/21/07

A Phase 3, Open-label, Follow-on Study of Multiple Courses of Aztreonam Lysinate for Inhalation (AI) in Cystic Fibrosis Patients (AIR-CF3)

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$61,632 02/22/06 - 02/21/07

Council for Medical Tobacco Research

Defunding of the Anti-Tobacco "Truth"

Campaign in Florida: Its Effect on Youth Attitudes, Beliefs, and Smoking Behaviors

JORGE DELVA (School of Social Work)

\$38,679 01/01/06 - 12/31/06

Cure Autism Now Foundation

Let's Face It

CATHERINE LORD (UM Autism & Comm Disorders Ctr)

\$180,000 04/28/06 - 04/28/09

Cuyahoga Community College

Health Management Program

DEE W EDINGTON (Health Management Research Ctr)

\$30,000 03/01/06 - 02/28/08

Defense, Department of-Air Force, Department of the

The Artificial Eye: A Focal Plane Detector/Read-Out IC Imaging Array Fabricated on Interior Spherical Surfaces

STEPHEN R FORREST (LSA Physics)

\$200,000 03/15/06 - 09/14/07

A Fundamental Study of Nonlinear Aeroelastic Phenomena in Flapping Wing Microair Vehicles

PERETZ P FRIEDMANN (Aerospace Engineering)

With WEI SHYY (Aerospace Engineering)
\$180,000 03/15/06 - 11/30/08

Defense, Department of-Army, Department of the

DURIP: Pulsed Laser for Study of Quantum Dot and Erbium Doped Si:O Microcavity Photon Sources

PALLAB K BHATTACHARYA (CoE EECS-Ssel)

\$248,000 05/01/06 - 04/30/07

Function of p53 in Regulation of TSC Mutant Cell Apoptosis

KUNLIANG GUAN (Life Sciences Institute-Admin)

\$70,000 05/01/06 - 05/31/07

Mathematical Modeling of Rho Function in Breast Cancer: Correlation With Spectroscopic and Biochemical Experiments

SOFIA D MERAJVER (Int Med-Hematology/Oncology)

\$405,000 04/01/06 - 04/30/09

Development of Thermal Spray Technology and Tools for Rapid Prototyping, Part Refurbishing, and Reengineering: TO #-6-005

PRAVANSU S MOHANTY (Dbn Col of Eng-IAVS)

\$376,219 05/01/06 - 10/15/07

Advanced Numerical Modeling System for Wave-Ship-Structure-Sediment Interactions at Coastal Inlets and Navigation Channels

OKEY NWOGU (Naval Arch & Marine Dept)

\$326,196 04/14/06 - 09/30/08

RhoC and Akt as Therapeutic Targets for Inflammatory Breast Cancer

KENNETH L VAN GOLEN (Int Med-Hematology/Oncology)

\$428,200 04/03/06 - 05/02/09

Defense, Department of-National Security Agency

Computational Algebraic Combinatorics

JOHN R STEMBRIDGE (LSA

Mathematics)

\$63,650 04/24/06 - 04/23/08

Defense, Department of-Navy, Department of the

Molecular Level Understanding of Biofouling Mechanisms

ZHAN CHEN (LSA Chemistry)

\$443,004 07/15/02 - 12/14/08

Development of a Methodology for Optimal Platform Decisions in Naval Fleet Design

MICHAEL G PARSONS (Naval Arch & Marine Dept)

With MICHAEL M BERNITSAS

(Naval Arch & Marine Dept);

MICHAEL KOKKOLARAS

(Mechanical Engineering); PANOS Y

PAPALAMBROS (Mechanical

Engineering)

\$53,521 11/01/05 - 10/31/06

Dexter Research Center, Inc.

Wireless Integrated Microsystems National Science Foundation Engineering Research Center

KENSALL D WISE (CoE EECS - WIMS ERC)

\$10,000 09/01/05 - 08/31/06

Discera, Inc.

Wireless Integrated Microsystems National Science Foundation Engineering Research Center

KENSALL D WISE (CoE EECS - WIMS ERC)

\$10,000 09/01/05 - 08/31/06

Duke University

A Phase III, Randomized, Double-Blind Comparison of Oral Valganciclovir and Placebo

for Prevention of CMV Disease After Lung Transplantation

KEVIN M CHAN (Int Med-Pulm./Critical Care)

\$117,873 04/04/06 - 04/03/08

Michigan Hepatotoxicity Clinical Research Network

ROBERT JOHN FONTANA (Int Med-Gastroenterology)

\$76,936 02/22/02 - 08/31/08

EMAG Technologies, Inc.

A L-Band Radio Frequency Interference (RFI) Detection and Mitigation Testbed

ROGER DEAN DE ROO (Space Physics Research Lab)

With CHRISTOPHER S RUF (Atm, Oceanic & Space Sci.)

\$279,366 01/01/06 - 01/01/08

ETAS, Inc.

Intermittent Anomalous Effect Detection in Continuous and Discrete Event Automotive Systems

DRAGAN DJURDJANOVIC (CoE Ind/Univ Coop Research Ctr)

\$143,981 01/01/06 - 12/31/06

Fight for Sight, Inc.

Interaction of RPGR, a Ciliary Protein Mutated in Retinitis Pigmentosa, with Nephroretinin (NPHP4) in Mammalian Retina

ANAND SWAROOP (Ophthalmology & Visual Science)

\$2,100 05/01/06 - 09/01/06

Foundation for Informed Medical Decision Making

National Survey of Medical Decisions

MICHAEL COUPER (SRC-Survey Methodology Prog)

\$686,761 03/01/06 - 03/31/07

Freescale Semiconductor, Inc

Wireless Integrated Microsystems National Science Foundation Engineering Research Center

KENSALL D WISE (CoE EECS - WIMS ERC)

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

Genentech, Inc.

LFA-1 Overexpression and Monocyte Apoptosis in Lupus

BRUCE C RICHARDSON (Int Med-Rheumatology)

With WILLIAM J MCCUNE (Int Med-Rheumatology)

\$368,446 12/01/05 - 11/30/07

General Dynamics Advanced Information Systems

Modeling and Optimization of Thermal Systems

MICHAEL KOKKOLARAS (ME GM)

With DOHOY JUNG (ME GM)

\$172,000 03/15/06 - 06/30/07

General Dynamics Corporation

Odometry for Dismounted Soldiers

JOHANN BORENSTEIN (Mechanical Engineering)

\$49,992 01/01/06 - 07/22/06

Great Lakes Commission

Emissions of Flame Retardants from Industrial and Commercial Sources in the Great Lakes Region

STUART ARTHUR BATTERMAN (Environmental Health Sciences)

With SERGEY M CHERNYAK (Environmental Health Sciences)

\$111,848 05/01/06 - 07/31/08

Sources of Atmospheric Mercury Species

Deposited in the Great Lakes: Receptor Versus Source-Oriented Modeling

GERALD J KEELER (Environmental Health Sciences)

With JOSEPH T DVONCH

(Environmental Health Sciences);

FRANK JOSEPH MARSIK (Space Physics Research Lab)

\$223,827 05/01/06 - 07/31/08

Great Lakes Fishery Trust

The Great Lakes Fishery Series

MARK THOMAS BRUSH (Michigan Radio)

\$20,000 07/01/06 - 12/31/06

Hanes, C. F. Fund

Illustrated Michigan Plant Diversity Website and a Library of Michigan Plant Images

ANTON A REZNICEK (LSA Herbarium)

\$7,627 04/01/06 - 03/31/07

Health and Human Services, Department of National Institutes of Health

Molecular Mechanisms Underlying Macular Degenerations

RADHA AYYAGARI (Ophthalmology & Visual Science)

\$1,829,366 06/01/06 - 05/31/11

Better Surgical Quality Indicators for the Elderly
JOHN D BIRKMEYER (General Surgery Section)

\$383,052 05/01/06 - 04/30/08

International Collaborative Alcohol and Injury Research Training Program in Poland

FREDERIC C BLOW (Psych HlthSvc Outcome Research)

With KRISTEN L BARRY (Psych HlthSvc Outcome Research);

STANISLAW GOLEC (Psych Substance Abuse); RONALD F MAIO (Emergency Medicine Admin)

\$759,249 04/01/06 - 02/28/11

Sending for Nurses: Importing Care to U. S. Hospitals

BARBARA L BRUSH (SON-(Div II) Division of Hlth)

\$151,304 04/10/06 - 04/09/08

Education for Community Genomic Awareness

TOBY CITRIN (Sch of Public Hlth-Dean's Ofc)

With SHARON REILLY KARDIA (Epidemiology Department); JOSEPH S KRAJCIK (School of Education)

\$1,341,329 04/01/06 - 03/31/11

Molecular Mechanisms of HIV Disease Pathogenesis

KATHLEEN L COLLINS (Int Med-Infectious Diseases)

\$380,625 04/15/06 - 03/31/07

Integration of Stress and Reproductive Aexs by Dopamine

SIMON J EVANS (Psych Labs and Bioinformatics)

\$367,759 04/01/06 - 03/31/08

Single Molecule Studies of Islet Amyloid Polypeptide (IAPP) Oligomer Formation and Membrane Permeabilization

ARI GAFNI (Biophysics Research Division)

With DUNCAN G STEEL (CoE EECS-Opt)

\$404,091 05/01/06 - 04/30/08

Mechanistic Studies of Pro-Apoptotic Benzodiazepines
GARY D GLICK (LSA Chemistry)
\$1,368,563 04/15/06 - 03/31/10

Visceral Afferent Dysfunction in Diabetic Gastropathy
WILLIAM LEE HASLER (Int Med-Gastroenterology)
\$1,819,554 04/01/06 - 03/31/11

Rhinovirus and Airway Epithelial Cell Responses
MARC B HERSHENSON (Pediatrics-Pulmonary Medicine)
With NICHOLAS W LUKACS (Pathology Department); DAVID MILLER (Int Med-Infectious Diseases)
\$1,862,563 04/15/06 - 03/31/11

Genetic Mechanisms of Vertebrate Caudal Limb Field Specification
JEFFREY W INNIS (Human Genetics Department)
\$329,974 04/15/06 - 03/31/08

General Clinical Research Center
ROBERT P KELCH (General Clinic Research Center)
With ROBERT DANIEL BROOK (Int Med-Cardiology); CAROL M FOSTER (Pediatrics-Infectious Diseases); ISAAC R FRANCIS (Radiology Department); KIRK A FREY (Radiology Department); DAVID GORDON (Pathology Department); HERO K HUSSAIN (Radiology Department); TERENCE JOINER (Pediatrics-Infectious Diseases); JOHN D KALBFLEISCH (Biostatistics Department); MICHAEL R KILBOURN (Radiology Department); BIN NAN (Biostatistics Department); ZHAOHUI QIN (Biostatistics Department); LESLIE EISENBUD QUINT (Radiology Department); BLAKE J ROESSLER (Int Med-Rheumatology); DAVID E SCHTEINGART (MEND); DAVID C SMITH (Int Med-Hematology/Oncology); DAVID STATES (Human Genetics Department); ALAN B WEDER (Int Med-Cardiology); JOHN WILEY (Int Med-Gastroenterology)
\$30,592,412 03/01/06 - 02/28/11

Type 2 Diabetes Risk in Women with Gestational Diabetes
CATHERINE KIM (Int Med-General Medicine)
\$673,650 07/01/06 - 06/30/11

Coregulatory Factor Modulation of CREB Activity
ROLAND P KWOK (Obstetrics and Gynecology Dept)
\$1,395,648 05/01/06 - 04/30/11

Patterns and Predictors of Cognitive Decline
KENNETH M LANGA (Int Med-General Medicine)
With MARY A ROGERS (Int Med-General Medicine)
\$924,276 04/15/06 - 03/31/09

Demographic Responses to Community and Family Context
 JAMES LEE (Pop Studies-Research)
 \$866,875 04/01/06 - 01/31/09

Targeted Subcellular Delivery of Oligonucleotides and Proteins
 KYUNG-DALL LEE (College of Pharmacy)
 With JOEL A SWANSON (Microbiology and Immunology)
 \$1,204,837 05/01/06 - 04/30/10

Cognition-Emotion-HPA Interaction: Translation Network
 ISRAEL LIBERZON (Psych Anxiety, Stress & Ambul)
 \$1,165,615 04/20/06 - 03/31/09

Imaging Vaccina Viral-Host Pathogenesis
 GARY D LUKER (Radiology Department)
 \$404,974 04/15/06 - 03/31/08

Functional Characterization of the Novel Protein Nephrocystin-5
 BENJAMIN L MARGOLIS (Int Med-Nephrology)
 \$661,500 05/01/06 - 04/30/11

Novel Conductive Polymer Biomaterials for the CNS
 DAVID C MARTIN (Materials Science & Engin.)
 \$74,010 05/01/06 - 10/31/07

Archiving the Retirement History Longitudinal Survey, 1969-1979
 JAMES W MCNALLY (ICPSR-Archival Development)
 \$68,475 05/01/06 - 04/30/07

Functional Genomics of the Neuronal Sodium Channel Gene SCN8A
 MIRIAM H MEISLER (Human Genetics Department)
 \$35,135 04/01/05 - 03/31/07

Role of ASC Signaling Pathway in Inflammatory Disease
 GABRIEL NUNEZ (Pathology Department)
 \$1,603,844 04/10/06 - 01/31/11

Drug-Mediated Alteration of Cytochrome P450
 YOICHI OSAWA (Pharmacology Department)
 \$1,401,608 05/01/06 - 04/30/10

Gastrointestinal Hormone Research Core Center
 CHUNG OWYANG (Int Med-Gastroenterology)
 \$5,539,571 12/01/05 - 11/30/10

Research Supplement to Promote Diversity in Health-Related Research
 AMY JO SCHULZ (Hlth Behavior & Hlth Ed Dept)
 \$109,274 04/01/06 - 07/31/08

Growth Hormone Signaling to the Nucleus
 JESSICA SCHWARTZ (Molec & Integrative Physiology)
 \$1,189,775 04/01/06 - 02/28/10

Specificity of Modular Polyketide Synthases
 DAVID H SHERMAN (Life Sciences Institute-Admin)
 \$94,772 05/01/06 - 04/30/08

Substrates of SAG-SCF E3 Ligase Regulate Hypoxia Response
 YI SUN (Radiation Oncology - Ann Arbor)
 \$317,838 05/01/06 - 04/30/08

Opioid Signaling and Regulators of G-Protein Signaling
 JOHN R TRAYNOR (Pharmacology Department)
 \$67,128 07/01/06 - 06/30/08

Sensorimotor Development: Infants Born with Spina Bifida
 BEVERLY D ULRICH (Division of Kinesiology)
 With BERNARD J MARTIN (Center for Ergonomics)
 \$1,302,557 04/15/06 - 01/31/11

Nonpeptide Small-Molecule Inhibitors of the MDM2-p53 Interaction

SHAOMENG WANG (Int Med-Hematology/Oncology)
With KE DING (Int Med-Hematology/Oncology); SANJEEV KUMAR (Int Med-Hematology/Oncology); ZANETA NIKOLOVSKA-COLESKA (Int Med-Hematology/Oncology); JEANNE A STUCKEY (Life Sciences Institute-Admin); YI SUN (Radiation Oncology - Ann Arbor); LIANG XU (Radiation Oncology - Ann Arbor); CHAO-YIE YANG (Int Med-Hematology/Oncology)

\$2,299,531 05/01/06 - 04/30/11

The Child's Theory of Mind

HENRY M WELLMAN (Center for Human Growth & Dev)

\$757,168 05/01/06 - 04/30/10

Podocyte Stress, Hypertrophy and Depletion

ROGER C WIGGINS (Int Med-Nephrology)

\$70,900 02/01/06 - 04/30/07

Health and Retirement Study

ROBERT J WILLIS (SRC-Hrs)
With NATHANIEL S BORENSTEIN (SRC-Hrs); CHARLES C BROWN (SRC-Psid); DANIEL H HILL (SRC-Hrs); KENNETH M LANGA (SRC-Hrs); DAVID R WEIR (SRC-Psid)

\$72,228,000 01/01/06 - 12/31/11

Conference: Cancer in Arabs and Arab Americans

MARK L WILSON (Epidemiology Department)

With TOBY CITRIN (Sch of Public Hlth-Dean's Ofc); AMR S SOLIMAN (Epidemiology Department)

\$25,000 03/01/06 - 10/01/06

Homeland Security, Department of

Virtual Center for Network and Security Data

FARNAM JAHANIAN (CoE EECS-Ssrl)
With ZHUOQING MAO (CoE EECS-Ssrl)

\$501,263 04/20/05 - 03/31/07

Honeywell International

Wireless Integrated Microsystems National Science Foundation Engineering Research Center

KENSALL D WISE (CoE EECS - WIMS ERC)

\$50,000 09/01/04 - 06/01/06

Institute for Research on Unlimited Love, The
The Physiology of Love: Empathetic Responding to Emotional Interactions

STEPHANIE D PRESTON (LSA Psychology)

\$13,784 09/01/05 - 08/31/06

Intel Corporation

Circuit And Microarchitectural Methods For Subthreshold Design

DAVID BLAAUW (CoE EECS-Acal)

\$40,000 01/01/06 - 12/31/16

Reconfigurable Moderate Resolution ADCs (Analog-to-Digital Converters) in Nanometer Digital CMOS (Complementary Metal-Oxide Semiconductor)

MICHAEL FLYNN (CoE EECS-Ssel)

\$80,000 04/01/06 - 12/31/10

Joint Oceanographic Institutions

Hydrothermal Alteration of Lower Sheeted Dikes and Gabbros, IODP Hole 1256D: A Petrographic and Mineralogic Study

JEFFREY C ALT (LSA Geological Sciences)

\$22,063 04/01/06 - 03/31/07

Expedition 312 Post - Cruise Support for Rosalind Coggon: The Compositions of Epidote Veins and Hydrothermal Fluids in Hole 1256D

JEFFREY C ALT (LSA Geological Sciences)

\$22,578 08/01/06 - 07/31/07

Justice, Department of

Juvenile Justice Data Resources Project

CHRISTOPHER D MAXWELL (ICPSR-Archival Development)

\$298,291 02/01/06 - 01/31/07

Kiwanis Club of Ann Arbor

Silver Club Photography Club

ELIZABETH BROCK SPENCER (Geriatrics Social Work)

\$1,068 01/01/06 - 08/31/06

Turner Picnic 2006
CAROLYN C WHITE (Geriatrics Social
Work)
\$3,000 04/06/06 - 06/30/06

Learning Point Associates

The Great Lakes East Comprehensive Center
(GLECC) - External Evaluation
BRIAN P ROWAN (SOE-Educational
Studies)
With CAROL A BARNES (SOE-
Educational Studies)
\$139,874 10/01/05 - 06/30/06

Library of Congress

The Digital Social Science Acquisitions and
Preservation Partnership (Affinity Group Travel)
MYRON P GUTMANN (ICPSR-Archival
Development)
\$18,917 09/01/04 - 08/31/07

Medtronic, Inc.

Wireless Integrated Microsystems National
Science Foundation Engineering Research Center
KENSALL D WISE (CoE EECS - WIMS
ERC)
\$50,000 09/01/05 - 08/31/06

Merck and Company, Inc.

Invanz(TM) Clearance in Continuous Renal
Replacement Therapy (CRRT) An In-Vitro
Investigation
BRUCE A MUELLER (College of
Pharmacy)
With DARYL D DEPESTEL (College
of Pharmacy)
\$52,399 03/01/06 - 10/31/06

Michigan State Bar Foundation

Michigan Poverty Law Program
BRIDGET M MCCORMACK (Law
Clinical Activity)
With ANNE N SCHROTH (Law
Clinical Activity)
\$150,000 01/01/06 - 12/31/06

Michigan State University

Construction Workers Questionnaire
Development II
BETH-ELLEN PENNELL (Survey
Research Organization)
\$20,000 01/01/06 - 12/31/06

Functional Superelastic Interlayers for Control of
Friction and Wear in Hard Coated Components
JOHN A SHAW (Aerospace Engineering)
\$114,595 07/15/05 - 06/30/08

Michigan, State of, State Police, Department of
2005 Michigan Traffic Crash Facts

CHARLES P COMPTON (UMTRI-Data
Center)
\$15,000 10/01/05 - 09/30/06
Societal Costs of Traffic Crashes and Crime in
Michigan 2006 Update (additional funding for
Investigation of Increase in Michigan Motorcycle
Crashes: 2004-2005)

LIDIA P KOSTYNIUK (UMTRI-Social
& Behav Analysis)
\$36,100 10/01/05 - 09/30/06

Mobius Microsystems, Inc.

Wireless Integrated Microsystems National
Science Foundation Engineering Research Center
KENSALL D WISE (CoE EECS - WIMS
ERC)
\$10,000 09/01/05 - 08/31/06

Morris, Mark and Bette, Family Foundation

Molecular Genetics Canine Health
GEORGE J BREWER (Human Genetics
Department)
\$75,000 04/01/06 - 03/31/07

Motorola, Inc.

Wireless Integrated Microsystems National
Science Foundation Engineering Research Center
KENSALL D WISE (CoE EECS - WIMS
ERC)
\$50,000 09/01/04 - 06/01/06

Wireless Integrated Microsystems National
Science Foundation Engineering Research Center
KENSALL D WISE (CoE EECS - WIMS
ERC)
\$50,000 09/01/05 - 08/31/06

Mylan Technologies, Inc.

Feasibility of Transdermal Drugs
COLLEEN GOOSEN (College of
Pharmacy)
With GORDON L FLYNN (College of
Pharmacy)
\$427,278 02/29/04 - 02/28/07

National Aeronautics and Space Administration

Distribution of Gs in the Inner Comae of Comets

MICHAEL R COMBI (Space Physics Research Lab)

\$440,000 04/01/06 - 03/31/09

3D MHD Numerical Simulations of Magnetic Flux emergence with Comparisons to TRACE and MDI Observations

WARD B MANCHESTER IV (Space Physics Research Lab)

\$292,661 02/15/06 - 02/14/09

Dynamics of the Surface Environment on Eros

DANIEL J SCHEERES (Aerospace Engineering)

\$279,121 04/15/06 - 04/14/09

National Football League Charities

Effect of Geographic Bone Bruises on Biological Markers and Magnetic Resonance Imaging (MRI) Findings of Osteoarthritis After Anterior Cruciate Ligament Injury

RIANN A PALMIERI (Division of Kinesiology)

With JON A JACOBSON (Radiology Department); MARYFRAN R SOWERS (Epidemiology Department); EDWARD M WOJTYS (Orthopaedic Surgery)

\$125,000 01/01/06 - 06/30/07

National Science Foundation

Detector Array and Chamber for Study of Nuclear Reactions with Low-Energy Short Lived Beams

FREDERICK D BECCHETTI JR (LSA Physics)

\$80,000 05/01/06 - 04/30/07

Research Experiences for Undergraduates (REU) Undergraduate Research Participation Site at the Space Physics Research Laboratory

MICHAEL R COMBI (Space Physics Research Lab)

\$298,983 05/01/06 - 04/30/09

CAREER: Developing New Methodologies to Investigate the Thermal, Tectonic, and Climatic History of Continental Settings - An Integrated Educational and Research Project

MARIA C CRUZ DA SILVA CASTRO (LSA Geological Sciences - CC)

\$451,100 01/01/06 - 12/31/11

Quantifying Changes in Erosion and Relief with Detrital Apatite (U-Th)/He Thermochronology and Cosmogenic Nuclides

TODD A EHLERS (LSA Geological Sciences)

\$147,230 05/01/06 - 04/30/08

REU Supplement CAREER: Biomechanics and Energetics of Human Locomotion with Powered Exoskeletons

DANIEL P FERRIS (Division of Kinesiology)

\$6,000 05/01/06 - 04/30/07

Algebraic Combinatorics

SERGEY FOMIN (LSA Mathematics)

\$404,630 07/01/06 - 06/30/11

Hybrid Control for Agility and Efficiency in Bipedal Robots with Compliance

JESSY W GRIZZLE (CoE EECS-Con)

\$340,000 06/01/06 - 05/31/09

REU: Signal Processing Tools for Dynamic Geometry

IGOR GUSKOV (CoE EECS-AI)

\$6,000 01/01/06 - 12/31/07

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

WILL HANSEN (Civil & Environmental Engr)

\$5,000 07/01/05 - 06/30/08

Doctoral Dissertation Improvement Grant Prehistoric Subsistence Change In Southeastern Burkina Faso

AUGUSTIN F C HOLL (LSA Anthropology Museum)

\$10,761 10/01/05 - 08/30/07

Collaborative Research: I/UCRC for Precision Forming (CPF) with Ohio State University
 MUAMMER KOC (Mechanical Engineering)
 \$350,000 04/15/06 - 03/31/11

GOALI Proposal: Multi-Disciplinary Research "Development of a Thermo-Mechanical Particulate Fabrication Technology for Mass Production of Integrated Microstructured Porous Surfaces with Controlled
 MUAMMER KOC (CoE Wu Mfg Research Center)
 With MASSOUD KAVIANY (Mechanical Engineering); JUN NI (Mechanical Engineering)
 \$359,632 05/01/06 - 04/30/09

Fluid Sensors from Hybrid Nanocolloids with Molecular Springs
 NICHOLAS KOTOV (Chemical Engineering Dept)
 \$240,000 07/01/06 - 06/30/09

Advanced Tube Theories for Predicting the Rheology of Model and Commercial Polymers
 RONALD G LARSON (Chemical Engineering Dept)
 \$348,000 09/01/06 - 08/31/09

Hadronic Physics with Electromagnetic Probes at HERMES
 WOLFGANG B LORENZON (LSA Physics)
 \$529,726 08/01/06 - 07/31/09

Spintronics and Quantum Information Processing with 1D Ge/Si Nanowires
 WEI LU (CoE EECS-Ssel)
 \$413,555 07/01/06 - 06/30/09

Hacking Morphogenesis: Integrated, Complex Systems for Controlling Embryonic Pattern Formation
 MICHEL MARTIN MAHARBIZ (CoE EECS-Ssel)
 \$270,000 07/01/06 - 06/30/09

Dissertation Grant: Craft Production and Political Potential: Middle Bronze Age Village Societies on the Great Hungarian Plain (2300-1600 BC)
 JOHN M O'SHEA (LSA Anthropology Museum)
 \$12,000 05/01/06 - 04/30/07

Interactions of cold atoms in Rydberg states
 GEORG A RAITHEL (LSA Physics)
 \$468,000 05/01/06 - 04/30/09

Supplemental Request to Gravitational Wave Detection and Astrophysics
 JOHN K RILES (LSA Physics: High Energy Exper)
 \$3,509 05/01/05 - 10/31/06

Gravitational Wave Detection and Astrophysics
 JOHN K RILES (LSA Physics)
 \$810,001 05/01/06 - 04/30/09

A New Approach to Inference of Sex-Biased Migration from X-Chromosomal and Autosomal Population-Genetic Data
 NOAH A ROSENBERG (Human Genetics Department)
 \$50,000 04/15/06 - 03/31/07

Inquiry-Based Learning in Mathematics at The University of Michigan
 RALF J SPATZIER (LSA Mathematics)
 With ANTHONY M BLOCH (LSA Mathematics); RICHARD D CANARY (LSA Mathematics)
 \$80,000 04/15/06 - 03/31/07

Noncommutative Geometry and Cherednik Algebras
 J TOBIAS STAFFORD (LSA Mathematics)
 \$460,000 07/01/06 - 06/30/11

The Circle Method as an Interface of Arithmetic Geometry, Additive Combinatorics and Harmonic Analysis
 TREVOR D WOOLEY (LSA Mathematics)
 \$450,000 07/01/06 - 06/30/11

REU Supplement: Supporting Efficient Similarity Searches for Multidimensional Non-ordered Discrete Data Spaces
 QIANG ZHU (Dbn Col of Eng-Computer & Info)
 \$6,000 07/15/05 - 06/30/08

Natural Resources Defense Council
 Education and Outreach on How Fuel Economy Affect Automaker Profits and Jobs
 WALTER S MCMANUS (UMTRI-Automotive Analysis Div.)
 \$50,000 02/01/06 - 02/28/07

New York Hall of Science

Life Changes

EVELYN MARGARET EVANS (Center
for Human Growth & Dev)

\$279,808 02/01/06 - 02/15/10

Northwest Area Foundation

Archiving and Disseminating Three Northwest
Area Foundation Surveys

AMY PIENTA (ICPSR-Archival
Development)

\$15,000 05/01/06 - 08/01/06

Novalar Pharmaceuticals, Inc.

A Phase 3, Multicenter, Randomized, Blinded,
Controlled Study of NV-101 for Efficacy,
Pharmacodynamics, and Safety in Patients
Undergoing Mandibular Procedures (NOVA 04-
100)

WILLIAM V GIANNOBILE (Dent -
MCOHR-Clinical Research)

With MARK D SNYDER
(Prosthodontics)

\$55,625 03/01/06 - 03/01/07

CLONE: A Phase 3, Multicenter, Randomized,
Blinded, Controlled Study of NV-101 for
Efficacy, Pharmacodynamics and Safety in
Patients Undergoing Maxillary Procedures
(NOVA 04-200)

WILLIAM V GIANNOBILE (Dent -
MCOHR-Clinical Research)

With MARK D SNYDER
(Prosthodontics)

\$55,625 03/01/06 - 03/01/07

Organon, Inc.

An Open-Label, Randomized, Phase IIIB,
Multicenter Trial to Evaluate the
Pharmacodynamic Parameters of Intubation
Bolus, and Bolus and Infusion Maintenance Doses
of Zemuron in Pediatric and Adolescent Subjects.

SHOBHA V MALVIYA (Anesthesiology
Department)

\$73,755 12/01/05 - 11/30/06

**Orthopaedic Research and Education
Foundation**

In Vivo Suppression of a Fracture Healing
Inhibitor to Promote Bone Regeneration:
Downregulation of Thrombospondin-2 Production
Using RNA Interference (RNAi)

JOSHUA D MILLER (Orthopaedic
Surgery)

With KURT D HANKENSON
(Orthopaedic Surgery)

\$100,000 07/01/06 - 06/30/08

Pennsylvania State University

Methodology for Developing Adaptive
Interventions

SUSAN A MURPHY (SRC-Quantitative
Methods)

With VIJAYAN N NAIR (LSA
Statistics)

\$285,964 09/30/05 - 08/31/06

Pfizer, Inc.

Pfizer International Growth Study (KIGS)

NANCY J HOPWOOD (Pediatrics-
Endocrinology)

\$40,000 04/18/05 - 04/17/10

PPD, Inc.

A Phase 3, Randomized, Open-Label Study of
Docetaxel in Combination with CG1940 and
CG8711 Versus Docetaxel and Prednisone in
Taxane-Naive Patients with Metastatic Hormone-
Refractory Prostate Cancer with Pain

DAVID C SMITH (Int Med-
Hematology/Oncology)

\$134,610 03/21/06 - 07/31/09

Prostate Cancer Foundation

Design and Evaluation of High-Affinity,
Nonpeptide, Bivalent, Small-Molecule Smac
Mimetics as a Novel Therapy for Treating
Androgen-Independent, Advanced Prostate
Cancer

SHAOMENG WANG (Int Med-
Hematology/Oncology)

With SANJEEV KUMAR (Int Med-
Hematology/Oncology); HAIYING
SUN (Int Med-Hematology/Oncology)
\$100,000 03/01/06 - 02/28/07

Sandia National Laboratories

Software Modification to the MIT Kerberos
Software

WILLIAM A ADAMSON (CITI-Center
for IT Integration)
\$144,692 04/01/06 - 12/31/06

Sanuis Rassini

Metal Matrix SiC Particulate Filled Rotors
RICHARD M LAINE (Materials Science
& Engin.)

\$181,331 04/01/05 - 09/30/06

Sea Ray Boats, PD&E

Marine Hydrodynamics Laboratory (MHL)
Physical Testing

GUY A MEADOWS (Naval Arch &
Marine Dept)
\$19,000 02/01/06 - 04/30/06

Serono, Inc

A Phase III, Randomized, Double-Blind, Three-
Arm, Placebo-Controlled, Multicenter Study to
Evaluate the Safety and Efficacy of Oral
Cladribine in Subjects with Relapsing-Remitting
Multiple Sclerosis (RRMS)

DANIEL D MIKOL (Neurology
Department)
\$156,550 03/14/06 - 03/13/08

SET Associates Corporation

SHEDS: Standoff Human Carried Explosive
Detection Systems

KAMAL SARABANDI (CoE EECS-Rad)
\$70,000 10/01/05 - 09/06/06

Skillman Foundation

Train Mothers to be Community-Based
Researchers

BUNYAN I BRYANT JR (Sch of Nat
Resources & Environ)
\$5,000 02/01/06 - 01/31/07

Sloan, Alfred P., Foundation

2006 Sloan Research Fellowship

ANNA CATHERINE GILBERT (LSA
Mathematics)
\$45,000 09/16/06 - 09/15/08

TRP Channel Regulation of Behavior and Drug
Dependence in C. Elegans

XIAN-ZHONG SHAWN XU (Life
Sciences Institute-Admin)
\$45,000 09/16/06 - 09/15/08

Smithsonian Institution

CHAZSS: The Chandra HETGS (High Energy
Transmission Grating Spectrometer) Atoll/Z
Spectroscopic Survey

JON MATTHEW MILLER (LSA
Astronomy)
\$203,840 03/22/06 - 03/21/08

Soils & Materials Engineers, Inc.

TOPR No. 8: Pavement Smoothness Workshops
in Ohio

TIMOTHY J GORDON (UMTRI-
Engineering Research)
\$4,371 01/01/06 - 08/17/06

Southwest Research Institute

University of Michigan Contributions to Mars
Express Data Analysis

JANET U KOZYRA (Space Physics
Research Lab)
With MICHAEL WARREN
LIEMOHN (Space Physics Research
Lab)
\$29,000 12/28/04 - 09/29/06

Spectra Physics

Study of Pulse Duration and Peak Power
Limitations in Femtosecond 06-2673 Fiber
Amplification Systems

ALMANTAS GALVANAUSKAS (CoE
EECS-Usl)
\$39,878 04/17/06 - 12/31/06

Tethers Unlimited, Inc.

Electrodynamic Tether Support for NASA's
NIAC

BRIAN E GILCHRIST (CoE EECS-Rad)
\$15,000 01/03/06 - 04/30/06

The Jack Kent Cooke Foundation

Jack Kent Cooke Foundation Community College
Transfer Initiative: Gaining Access to the
University of Michigan and Improving Transfer
Student Satisfaction

LESTER P MONTS (Ofc Provost & Exec
VP Acad Aff)
\$1,000,000 05/01/06 - 06/30/10

Thrasher Research Fund

Asthma Self-Management: A Model for Controlling and Preventing Diseases in Schools in Beijing, China

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)
\$20,000 01/01/98 - 12/31/07

Tourette Syndrome Association

Dynamics of Striatal Microcircuits During Action Selection and Inhibition

JOSHUA DAMIEN BERKE (LSA Psychology)
\$75,000 08/01/06 - 07/31/07

United Therapeutics Corporation

A Dose Proportionality Pharmacokinetic Study in Pulmonary Arterial Hypertension Patients Receiving RemodulinA[®] (Treprostinil Sodium) by Intravenous or Subcutaneous Infusion Protocol Number: RIV-PH-409

VALLERIE MCLAUGHLIN (Int Med-Cardiology)
\$23,613 04/12/06 - 04/11/07

University of California

Understanding Storm-Time Ring Current Sources Through Data Theory Comparisons

MICHAEL WARREN LIEMOHN (Space Physics Research Lab)
\$25,000 01/03/06 - 09/30/06

University of California - San Francisco

Telomere Length, Stress, and Subclinical Cardiovascular Disease

ANA V DIEZ ROUX (Epidemiology Department)
\$58,786 03/01/06 - 04/30/07

University of Chicago

Building Capacity to Evaluate Group Level Interventions

BRIAN P ROWAN (SOE-Educational Studies)
\$50,639 01/01/06 - 12/31/06

University of Illinois at Urbana-Champaign

Hierarchical Electromagnetic and Multiphysics Modeling for Multifunctional System in Package IC (Integrated Circuit)-Design

ERIC MICHIELSSEN (CoE EECS-Rad)
\$50,000 01/01/06 - 12/31/06

University of Iowa

Recharge: Preparation and Distribution of Select Isolates

BETSY FOXMAN (Epidemiology Department)
\$4,140 07/01/05 - 12/31/06

University of Medicine and Dentistry of New Jersey (UMDNJ)

Vagus Nerve Stimulation in Fibromyalgia

DANIEL J CLAUW (Int Med-Rheumatology)
\$34,947 09/16/05 - 06/30/06

University of Pennsylvania

Retinopathy in Chronic Renal Insufficiency

CRYSTAL A GADEGBEKU (Int Med-Nephrology)
\$35,895 03/09/06 - 02/28/07

University of Utah

NIRT (Nanoscale Interdisciplinary Research Teams): Investigating Nanocarbon Particles in the Atmosphere: Formation and Transformation

ANGELA VIOLI (Mechanical Engineering)
\$249,765 01/01/06 - 08/31/07

University Renal Research and Education Association

End Stage Renal Disease (ESRD) Measures Support

JOHN D KALBFLEISCH (Biostatistics Department)
With JOSEPH M MESSANA (Int Med-Nephrology); DOUGLAS E SCHAUBEL (Biostatistics Department)
\$1,275,689 02/10/06 - 02/09/08

UT-Battelle, LLC

Diesel Exhaust Filter Temperature Measurement and Cost-Effective Machining of Titanium Alloys

ALBERT J SHIH (Mechanical Engineering)
\$56,500 02/14/05 - 03/31/07

VT Halter Marine Inc

Physical Testing - Investigation of a 60 m Patrol Boat

GUY A MEADOWS (Naval Arch & Marine Dept)
\$7,500 04/01/06 - 07/31/06

Wayne State University

Vascular Depression and Function in Older
Latinos

EDWARD D ROTHMAN (Ctr Statistical
Consul & Res)

\$2,590 12/05/05 - 03/31/06

Wheaton College

Imagining America Consortium

JULIE ELLISON (Imagining America)

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