

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

Received by the Regents
 October 20, 2006

The awards detailed in this list were processed September 1, 2006 through September 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 2006	Number of Awards FY 2007	% Change	Value of Awards FY 2006	Value of Awards FY 2007	% Change
Total Awards Processed (September)	235	265	12.8%	\$107,078,591	\$89,408,931	(16.5%)
Research Awards	184	210	14.1%	\$89,928,531	\$80,903,462	(10.0%)
Research Training	15	18	20.0%	\$9,345,815	\$4,830,380	(48.3%)
Other Sponsored Activity	36	37	2.8%	\$7,804,245	\$3,675,089	(52.9%)
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Total Awards Processed Fiscal Year to Date	692	737	6.5%	\$276,414,241	\$275,381,189	(0.4%)
Research Awards	525	561	6.9%	\$232,370,950	\$233,854,698	0.6%
Research Training	48	51	6.3%	\$26,211,940	\$25,996,876	(0.8%)
Other Sponsored Activity	119	125	5.0%	\$17,831,351	\$15,529,615	(12.9%)

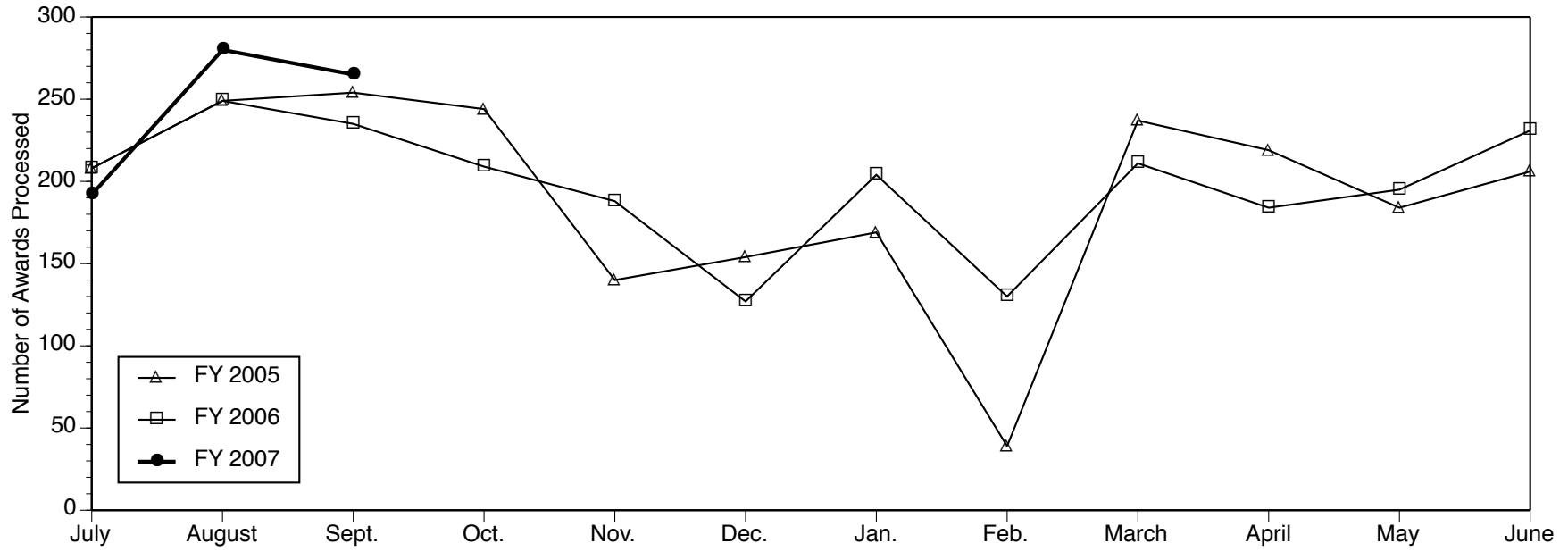
The decrease in September 2006 awards from September 2005 is caused by the receipt of two large awards in September 2005 totaling \$38 million no such large award(s) was received in September 2006. However two awards totaling \$37.5 million were received in July-August 2006 resulting in year-to-date totals for FY2006 and 2007 virtually unchanged.

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

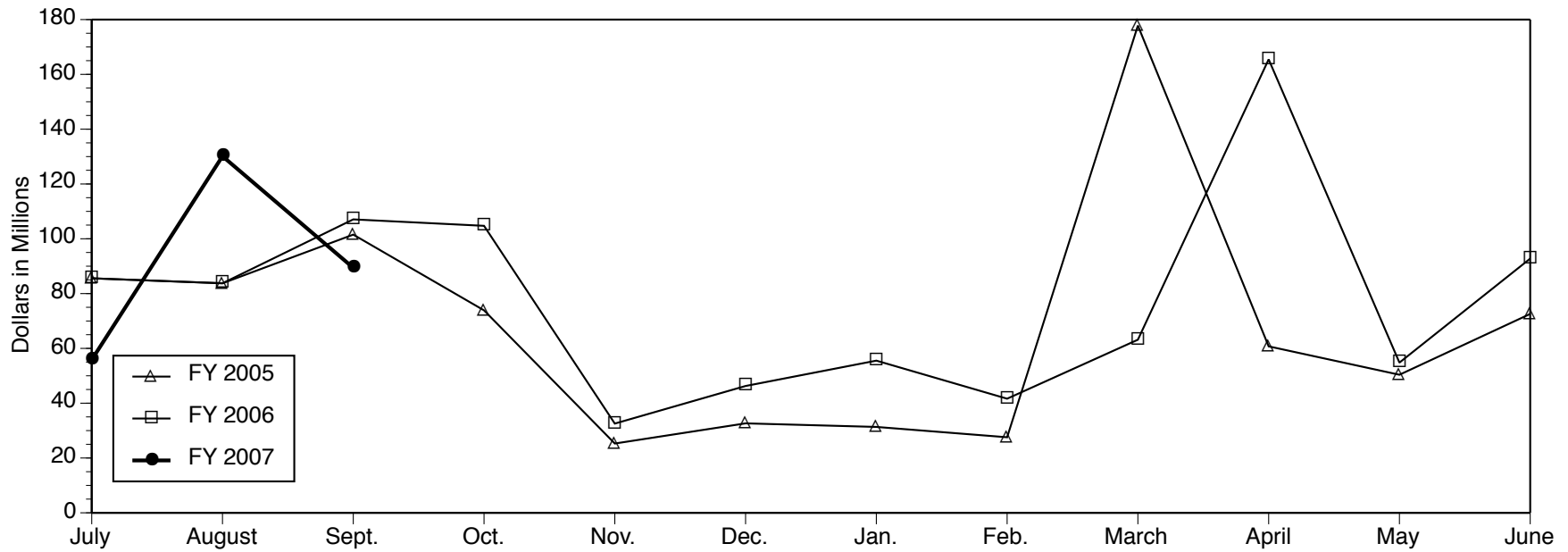
	Federal Expendable Restricted	Other Funds	Total Expenditures
August 2007	\$105,375,881	\$37,054,898	\$142,430,779
August 2006	\$99,625,697	\$30,509,800	\$130,135,497
Percent Change	5.8%	21.5%	9.4%

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**

September 1, 2006 through September 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.

Abbott Laboratories

Glutamatergic and Dopaminergic Mechanisms
Mediating ABT 089-Induced Increase in
Prefrontal Acetylcholine Release and Nicotinic
Receptor Ligand-Induced Modulation of
Attention-Induced Cholinergic Signals in Task-
Performing Animals
MARTIN FRIEDRICH SARTER (LSA
Psychology)
\$100,000 09/05/06 - 09/04/07

Achieva Lifetime Health

Health Risk Appraisals for Achieva Clients
DEE W EDINGTON (Health
Management Research Ctr)
\$150,000 07/01/06 - 06/30/09

Agriculture, Department of

Genetic analysis of chicken colonization by
Campylobacter jejuni
VICTOR JOSEPH DIRITA (Lab Animal
Medicine Unit)
\$355,288 09/01/06 - 08/31/08

Air Products and Chemicals, Inc.

MTA for Molybdenum Carbide Water Gas Shift
Catalyst 1746
LEVI T THOMPSON JR (Chemical
Engineering Dept)
\$4,200 08/15/06 - 09/30/06

**Alberta Heritage Foundation for Medical
Research**

A Comparison of the Prognostic Values of
Desaturation and Distance Walked During a Six
Minute Walk Testing and V02 Max During
Cardiopulmonary Exercise Testing in Patients
with Idiopathic Interstitial Pneumonia
FERNANDO JOSE MARTINEZ (Int
Med-Pulm./Critical Care)
\$45,071 07/01/06 - 06/30/07

Alion Science and Technology

Manpower and Personnel Integration
(MANPRINT) Tools Development
YILI LIU (Center for Ergonomics)
\$97,295 05/16/06 - 01/23/07

Altarum Institute

Using Remote Sensing-Based Measures to Assess
NRCS Impacts in Michigan-Step 2
DANIEL G BROWN (Sch of Nat
Resources & Environ)
\$117,167 09/01/06 - 03/31/08

American College of Surgeons

Gram-Negative Pneumonia and
Lipopolysacchride Binding Protein
MARK RICHARD HEMMILA (General
Surgery Section)
With DANIEL G REMICK JR
(Pathology Department); STEWART
C WANG (General Surgery Section)
\$375,000 09/01/06 - 08/31/11

**American Heart Association, Southeast
Affiliate**

A vasculoprotective Role for Nrf2 Through the
Inhibition of Vascular Smooth Muscle Cell
Proliferation
YUQING EUGENE CHEN (Int Med-
Cardiology)
\$37,500 07/01/06 - 06/30/07
The Role of Rad on Vascular Smooth Muscle Cell
Apoptosis During Vascular Lesion Formation
YUQING EUGENE CHEN (Int Med-
Cardiology)
\$37,500 07/01/06 - 06/30/07

American Honda Motor Company

Novel Materials for Lean Low-Temperature NOx
(Nitrogen Oxide) Catalysts

MARGARET S WOOLDRIDGE

(Mechanical Engineering)

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

American Medical Student Association

(AMSA)

Understanding Health Care for Elders Across
Diverse Communities

KAREN E HALL (Int Med-Geriatric
Medicine)

With JAMES T FITZGERALD (Med
Ed/Ofc of Ed Resources&Res);

TRICIA S TANG (Med Ed/Ofc of Ed
Resources&Res); CASEY B WHITE

(Medical School Administration)

\$10,000 06/13/06 - 06/30/07

Ann Arbor Public Schools

Scarlett Middle School Laptop Program
Evaluation

BARRY JAY FISHMAN (SOE-
Educational Studies)

\$30,025 09/01/06 - 08/31/07

Argonne National Laboratory

Alteration of Uranium (IV) Phases

RODNEY C EWING (LSA Geological
Sciences)

\$44,748 09/01/06 - 08/20/07

AstraZeneca, PLC

Ischemia Workshop

PETER A WARD (Pathology
Department)

\$3,716 07/24/06 - 08/09/06

Becton, Dickinson and Company

Intravenous-Intramuscular Needle Penetration

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

With JONATHAN DAVID RUPP
(UMTRI-Biosciences)

\$22,372 02/24/99 - 12/31/06

Beth Israel Hospital

Harvard/Michigan Prostate Cancer Biomarker
Clinical Center (Set aside Funds)

JOHN THOMAS WEI (Urology Surgery)

\$66,299 01/01/06 - 12/31/06

Biodiscovery LLC

Low-Cost Microarray Synthesis (STTR Phase I)

ERDOGAN GULARI (Chemical
Engineering Dept)

\$84,900 09/01/06 - 08/31/07

**Blue Cross Blue Shield of Michigan
Foundation**

Retiree Health Benefits: The Role of Premiums
and PPOs (Preferred Provider Organizations)

KYLE LYNN GRAZIER (Health
Management and Policy)

With RICHARD A HIRTH (Health
Management and Policy)

\$99,986 10/01/06 - 09/30/07

Is Periodontal Treatment Associated with Lower
Medical Costs in Adults with Diabetes?

GEORGE WESLEY TAYLOR

(Cariology, Restor Sci & Endo)

With TAMMIE ANN NAHRA

(Health Management and Policy)

\$96,827 10/01/06 - 09/30/07

Boeing Company, The

Titanium Machining Pre-Study with scC02
Metalworking Fluid

STEVEN J SKERLOS (Mechanical
Engineering)

\$15,494 08/01/06 - 10/31/06

Cambridge Health Alliance

Individual Differences in the Propensity to
Approach Signals Vs goals: Relevance to
Pathological Gambling

HUDA AKIL (Molecular & Behav
Neurosc Inst)

\$56,197 07/07/06 - 12/31/07

Carollo Engineers, A Professional Corporation

Direct Fixed-Bed Biological Perchlorate
Destruction Demonstration

LUTGARDE M RASKIN (Civil &
Environmental Engr)

\$122,630 04/07/06 - 06/30/08

CBIZ

Health Risk Appraisals for CBIZ Clients

DEE W EDINGTON (Health

Management Research Ctr)

\$150,000 07/01/06 - 06/30/09

Celgene Corporation

A Multicenter, Randomized, Parallel-Group, Double-Blind, Placebo-Controlled Study of CC-5013 Plus Desamethasone vs Dexamethasone Alone in Previously Treated Subjects with Multiple Myeloma

ANDRZEJ J JAKUBOWIAK (Int Med-Hematology/Oncology)

\$53,168 01/01/06 - 12/31/07

Center for the Advancement of Health

Kellogg Health Scholars Multidisciplinary - Disparities Training Program

HAROLD W NEIGHBORS (RCGD-Black Americans)

\$175,000 07/01/06 - 12/31/08

Cherry Marketing Institute

Cherry Marketing Clinical Coordinator Funds

SARA LESLEY WARBER (Department of Family Medicine)

\$3,078 07/01/06 - 10/31/06

Children's Hospital of Pittsburgh

A Multicenter Study of Acute Liver Failure (Year 2 Subcontract)

MACLOVIO JAMES LOPEZ (Pediatrics-Gastroenterology)

\$15,300 09/01/06 - 08/31/07

Cmed Inc.

A Multicenter, Parallel Group, Comparative, Phase IIIa Trial to Compare the Efficacy, Safety, and Pharmacokinetics of Org 25969 in Elderly Subjects with Adult Subjects

PATRICK E BENEDICT (Anesthesiology Department)

\$75,000 01/30/06 - 10/31/06

Columbia University

Sequenced Treatment Alternatives to Relieve Depression (STAR*D) - Child

CHERYL A KING (Psychiatry Child Services)

\$15,193 07/01/05 - 06/30/07

Commerce, Department of-National Oceanic and Atmospheric Administration

Hydrodynamic Modeling System to Predict Real-Time Circulation and Thermal Structure in Lake Champlain

DMITRY BELETSKY (SNRE CILER)

\$46,683 07/01/06 - 08/31/09

Ecological Forecasting (ECOFOR): Forecasting the Causes, Consequences and Potential Solutions for Hypoxia in Lake Erie

DONALD SCAVIA (SNRE CILER)

\$429,198 07/01/06 - 06/30/07

CA4-11-16 Web Development for Understanding Sensitivity of Great Lakes Water Levels to Climate Forcing: Closed Lake Status 8.4-6.8KA (9400-7700 CAL)

DONALD SCAVIA (SNRE CILER)

\$50,010 06/01/06 - 04/30/07

Collaborative Faculty Position with MSU; Summer Student Fellowship; Partners-for-Excellence

DONALD SCAVIA (SNRE CILER)

\$116,741 07/01/06 - 06/30/07

Commerce, Department of-Office of the Secretary-Subcontracts

Toward Demonstrating the Suitability of Ontologies for Distributed Product Development-CDF Project Title: Systems Biology and Systems Engineering: An Integrative Approach Towards Healthcare Informatics

DEBASISH DUTTA (Mechanical Engineering)

\$64,997 08/01/06 - 07/31/07

Concerned Parents for AIDS Research

A Search for a Viral Cause of AIDS Lymphoma

DAVID M MARKOVITZ (Int Med-Infectious Diseases)

\$83,000 09/06/06 - 09/05/07

Corporation for a Skilled Workforce

Evaluation of the Jobs, Education, and Training (JET) Program

SANDRA K DANZIGER (G. Ford Sch of Public Policy)

\$105,543 09/01/06 - 08/31/07

Crown Equipment

Crown Equipment Health Management Program

DEE W EDINGTON (Health Management Research Ctr)

\$225,000 08/01/06 - 07/31/09

Defense, Department of-Air Force, Department of the

Additional Task on Aero Sciences Collaborative Center: Assessment of Risk in Neglecting Dynamic Aeroelastic Nonlinearities

CARLOS E CESNIK (Aerospace Engineering)

\$36,974 06/01/06 - 10/15/06

Molecular Modeling of Interfacial Behavior of Nanomaterials

JOHN KIEFFER (Materials Science & Engin.)

\$50,000 09/01/06 - 11/30/06

Defense, Department of-Army, Department of the

Sled Impact Tests

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$13,998 09/29/06 - 11/30/06

Defense, Department of-Navy, Department of the

Maneuvering in a Seaway

ROBERT F BECK (Naval Arch & Marine Dept)

With JING SUN (Naval Arch & Marine Dept)

\$396,813 07/01/06 - 06/30/08

Dentsply International, Inc.

Compomer Restorations in Caries-Prone Populations - An RCT (Short Title: Compomer-RCT)

MATHILDE C PETERS (Cariology, Restor Sci & Endo)

\$57,403 04/01/06 - 03/31/08

DriveCam, Inc

Automated Crash Event Screening from Data Pattern Analysis

TIMOTHY J GORDON (UMTRI-Engineering Research)

\$24,802 09/25/06 - 12/31/06

Eastern Research Group, Inc. (ERG)

Public Health Support Services for ATSDR Public Health Evaluations and Community Outreach Activities

HAL MORGENSTERN (Epidemiology Department)

\$7,000 08/01/05 - 09/30/06

Elan Pharmaceutical Research Corporation

A Phase IIa, Multicenter, Randomized, Placebo-Controlled, Multiple Ascending Dose, Safety, Tolerability, Pharmacokinetic, Pharmacodynamic, and Immunogenicity Trial of AAB-001 in Patients with Mild to Moderate Alzheimer's Disease AAB-001

NANCY R BARBAS (Neurology Department)

\$23,250 06/12/06 - 04/30/08

Energy, Department of

The University of Michigan Industrial Assessment Center

ARVIND ATREYA (Mechanical Engineering)

With MARGARET S WOOLDRIDGE (Mechanical Engineering)

\$240,000 09/01/06 - 08/31/11

Development of High Resolution 3-Dimensional Position-Sensitive CdZnTe Gamma-Ray Spectrometers

ZHONG HE (Nuclear Eng & Radiological Sci)

\$899,998 09/15/06 - 09/14/09

Office of Civilian Radioactive Waste Management Graduate Fellowship Program

KIMBERLEE J KEARFOTT (Nuclear Eng & Radiological Sci)

\$36,000 09/01/05 - 08/31/10

Mobile Robotics and Sensing - University Research Program in Robotics

DAVID K WEHE (Nuclear Eng & Radiological Sci)

\$845,200 09/01/06 - 08/31/07

Environmental Protection Agency

EPA STAR Fellowship: Andrew Henderson

AVERY H DEMOND (Civil & Environmental Engr)

\$51,516 09/01/06 - 08/31/09

Evigia Systems

Wireless Integrated Microsystems National Science Foundation Engineering Research Center

KENSALL D WISE (CoE EECS - WIMS ERC)

\$2,000 09/01/06 - 08/31/07

Foundation to Eradicate Duchenne, Inc.

Poloxamers for Membrane Repair in Muscular Dystrophy

JOSEPH M METZGER (Molec &

Integrative Physiology)

\$145,000 08/04/06 - 08/31/09

General Electric Company

Smart Alerts: Integration of Physiological Data and Clinical Data to Create Information at the Point of Care

MICHAEL O'REILLY (Anesthesiology Department)

With KEVIN K TREMPER

(Anesthesiology Department)

\$38,505 05/12/03 - 03/10/08

A Prospective, Multicenter Study of GE Lightspeed Volume Computed Tomography (VCT) for Evaluation of Coronary Luminal Obstruction in Typical or Atypical Chest Pain Patients Suspected of Coronary Artery Disease

SMITA PATEL (Radiology Department)

With ELLA A KAZEROONI

(Radiology Department)

\$93,580 07/01/06 - 06/30/08

LMC Casting Experiments on Single Crystal/Columnar Grained Superalloys (B)

TRESA M POLLOCK (Materials Science & Engin.)

\$30,000 09/01/06 - 08/31/07

General Motors Corporation

Numerical Assessment of a Free Piston Linear Alternator for Series HEV (Hybrid Electric Vehicle), Continuation

DIONISSIOS N ASSANIS (ME GM)

With ARISTOTELIS

BABAJIMOPOULOS (ME GM);

ZORAN S FILIPI (ME GM)

\$278,245 06/01/06 - 05/31/07

IMS: Simulation, Analysis, and Optimizations in General Assembly

JUN NI (CoE Ind/Univ Coop Research Ctr)

With DRAGAN DJURDJANOVIC (CoE Ind/Univ Coop Research Ctr)

\$63,059 09/01/06 - 08/31/07

Nanofluids for Next-Generation Vehicle Thermal Management

ALBERT J SHIH (CoE Wu Mfg Research Center)

With KEVIN PATRICK PIPE

(Mechanical Engineering)

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

Getty, J. Paul, Trust

Fellowship for David Doris

DAVID T DORIS (LSA History of Art)

\$22,000 09/11/06 - 06/22/07

Fellowship for Megan Holmes

MEGAN L HOLMES (LSA History of Art)

\$65,244 09/11/06 - 06/22/07

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

Enhancing Private Provider Immunization Recall

KEVIN JOHN DOMBKOWSKI

(Pediatrics-Ambulatory Care Pgm)

With SARAH J CLARK (Pediatrics-Ambulatory Care Pgm); MATTHEW

M DAVIS (Pediatrics-Ambulatory

Care Pgm); GARY L FREED

(Pediatrics-Ambulatory Care Pgm);

JAMES G GURNEY (Pediatrics-

Ambulatory Care Pgm)

\$600,000 09/15/06 - 09/14/08

iCuidate! - Translating a Proven Intervention for Latin Youth, Option A

ANTONIA M VILLARRUEL (SON - Grants & Research Office)

\$390,878 09/30/06 - 09/29/08

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

Reimbursement of Travel and Subsistence

Expenses Toward Living Organ Donation:

A National Living Donor Assistance

Center AKINLOLU OLUSEUN OJO (Int Med-Nephrology)

With ROBERT MARK MERION

(General Surgery Section)

\$3,500,000 09/30/06 - 08/31/07

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

Supplement: Integrated Proteome Technologies
for Pathway Mapping

PHILIP C ANDREWS (Bio-Med Tech for
Proteomics)

\$39,984 08/01/06 - 07/31/07

The Interaction of Polycationic Organic Polymers
With Biological Membranes

MARK M BANASZAK HOLL (LSA
Chemistry)

With IOAN ANDRICIOAEI
(Bioinformatics); JAMES R BAKER
JR (Int Med-Allergy); ANNA U
BIELINSKA (Int Med-Allergy);
ANATOLI N LOPATIN (Molec &
Integrative Physiology); BRADFORD
G ORR (LSA Physics)

\$1,167,464 09/15/06 - 06/30/10

Pilot Assessment of the Use of a Device for
Parent Monitoring of Novice Teen Drivers

C RAYMOND BINGHAM (UMTRI-
Social & Behav Analysis)

With JEAN T SHOPE (UMTRI-Social
& Behav Analysis)

\$83,100 08/17/06 - 07/30/07

Bridge Funding Request: Myogenic Control
Mechanisms of Circular Muscle of the
Rectosigmoid Colon

KHALIL N BITAR (Pediatrics-
Gastroenterology)

\$118,177 09/02/06 - 05/31/07

Recapitulating Transcriptional Pathways of
Human Diabetic Nephropathy in Mice

FRANK C BROSIUS III (Int Med-
Nephrology)

\$1,358,369 09/30/06 - 08/31/11

Digital Tomosynthesis Mammography:

Computer-Aided Analysis of Masses

HEANG-PING CHAN (Radiology
Department)

With JEFFREY A FESSLER (Elec
Engr & Comp Sci); MITCHELL M
GOODSITT (Radiology Department);
LUBOMIR M HADJIYSKI
(Radiology Department); MARK A
HELVIE (Radiology Department);
MARILYN A ROUBIDOUX
(Radiology Department); BERKMAN
SAHINER (Radiology Department);
JUN WEI (Radiology Department)

\$215,772 09/01/06 - 08/31/07

Radionuclides: Radiation Detection and
Quantification

NEAL H CLINTHORNE (Radiology
Department)

\$1,704,178 09/01/06 - 07/31/09

Effects of Nicotine on Human Cerebral
Transmitters

EDWARD F DOMINO (Pharmacology
Department)

With SALLY K GUTHRIE (College
of Pharmacy); ROBERT A KOEPPE
(Radiology-Nuclear Medicine);
CYNTHIA S POMERLEAU
(Psychiatry Admin-Central); OVIDE F
POMERLEAU (Psychiatry Admin-
Central); JON K ZUBIETA
(Molecular & Behav Neurosc Inst)

\$1,347,878 09/15/06 - 08/31/09

Amphiregulin in Psoriatic Epidermal Hyperplasia

JAMES T ELDER (Dermatology
Department)

With JAMES VARANI (Pathology
Department)

\$1,504,800 09/15/06 - 08/31/11

Mitochondrial SOD as a Target for Diabetic
Neuropathy

EVA L FELDMAN (Neurology
Department)

\$970,682 09/30/06 - 08/31/11

University of Michigan Core Clinical Center for the Bone Marrow Transplant (BMT) Research Network

JAMES L FERRARA (Pediatrics-Hematology/Oncology)
With THOMAS M BRAUN (Biostatistics Department); JOHN E LEVINE (Pediatrics-Hematology/Oncology); SHIN MINEISHI (Int Med-Hematology/Oncology)
\$2,177,500 09/01/06 - 07/31/11

Collagenase Degradation of Extracellular Matrix in Aging

GARY J FISHER (Dermatology Department)
With TAIHAO QUAN (Dermatology Department)
\$1,402,200 09/15/06 - 06/30/11

Michigan Hepatotoxicity Clinical Research Network

ROBERT JOHN FONTANA (Int Med-Gastroenterology)
\$364,800 09/01/06 - 08/31/08

Mechanical Failure Induces a Chronic Wound Phenotype in Laparotomy Incisions

MICHAEL G FRANZ (General Surgery Section)
With WILLIAM M KUZON JR (Plastic Surgery Section); MELANIE G URBANCHEK (Plastic Surgery Section)
\$1,169,356 09/01/06 - 08/31/10

Pharmacology of Dopamine Release by Amphetamine

MARGARET E GNEGY (Pharmacology Department)
With RONALD W HOLZ (Pharmacology Department); RICHARD ROBERT NEUBIG (Pharmacology Department)
\$48,032 07/01/06 - 06/30/07

Enhancing the National Long Term Care Survey (NLTC) for the Creation of a Longitudinal Public Use File

MYRON P GUTMANN (ICPSR-Archival Development)
\$150,000 09/01/06 - 08/31/07

Creating a Reading Room for National Long-Term Care Survey Administrative Documents

MYRON P GUTMANN (ICPSR-Archival Development)
\$50,000 09/30/06 - 08/31/07

Gram-Negative Pneumonia and Lipopolysaccharide Binding Protein

MARK RICHARD HEMMILA (General Surgery Section)
With DANIEL G REMICK JR (Pathology Department); STEWART C WANG (General Surgery Section)
\$642,600 09/01/06 - 08/31/11

Regulation of the Differentiation of Embryonic Stem Cells to beta Cell-like Cells by 3-dimensional Nano-fibrous Extracellular Matrices

WILLIAM H HERMAN (MI Diabetes Research Training)
\$152,000 12/01/05 - 11/30/06

Mechanisms of HOX Protein Mediated Transformation

JAY L HESS (Pathology Department)
\$1,199,475 09/15/06 - 07/31/11

Effects on Children of Persistent Exposure to Extreme Political Violence

L ROWELL HUESMANN (RCGD-Aggression Research)
\$2,041,155 09/01/06 - 07/31/11

Adolescents' Child Feeding Knowledge and Intentions

GEORGE A KAPLAN (Epidemiology Department)
\$126,000 09/15/06 - 08/31/08

Quality of Cancer Care Evaluation and Interventions

STEVEN J KATZ (Int Med-General Medicine)
\$516,983 09/21/06 - 08/31/11

Long Term Culture of Prostate Cancer Stem Cells
 EVAN T KELLER (Urology Surgery)
 With KENNETH J PIENTA (Urology Surgery)
 \$14,680 05/01/06 - 04/30/07

Cortical Control Using Multiple Signal Modalities
 DARYL R KIPKE (Biomedical Engineering)
 With EDWARD L IONIDES (LSA Statistics); VICTOR SOLO (CoE EECS-Cspl)
 \$333,746 08/01/06 - 07/31/08

Research Training in Population Health in China and South Africa
 DAVID A LAM (Pop Studies-Research)
 With YU XIE (Pop Studies-Research)
 \$944,261 09/22/06 - 03/31/11

Development of a Melanoma Chemoprevention Model
 CHRISTOPHER D LAO (Int Med-Hematology/Oncology)
 With DEAN E BRENNER (Int Med-Hematology/Oncology); TIMOTHY M JOHNSON (Dermatology Department)
 \$688,500 09/01/06 - 08/30/11

Mental Health Research Education Grant
 ISRAEL LIBERZON (Psychiatry Department)
 \$1,174,784 08/01/06 - 08/31/11

Laser Acceleration of Protons for Radiation Therapy
 DALE WILLIAM LITZENBERG (Radiation Oncology - Ann Arbor)
 With ANATOLY M MAKSIMCHUK (CoE EECS-Usl); VICTOR P YANOVSKY (CoE EECS-Usl)
 \$288,800 04/01/06 - 07/31/08

Inherited Myosin Mutations That Cause Heart Disease
 JOSEPH M METZGER (Molec & Integrative Physiology)
 \$52,048 09/01/06 - 08/31/07

Emotional Competence, Poverty and Mental Health
 ALISON LESLIE MILLER (Hlth Behavior & Hlth Ed Dept)
 \$206,721 09/01/06 - 03/31/08

Bioeffects of Gas Body Activation in Medical Ultrasound
 DOUGLAS L MILLER (Radiology Department)
 With ROGER C WIGGINS (Int Med-Nephrology)
 \$1,818,206 09/01/06 - 07/31/10

Activation Defects in T-Cells of Aged Mice
 RICHARD A MILLER (Pathology Department)
 With GONZALO G GARCIA (Pathology Department)
 \$60,800 09/01/06 - 08/31/07

Analysis and Statistical Validation of Proteomic Datasets
 ALEXEY NESVIZHSHKII (Pathology Department)
 With DEBASHIS GHOSH (Biostatistics Department)
 \$1,248,281 09/27/06 - 08/31/10

Pharmacological Targeting of Regulators of G Protein Signaling
 RICHARD ROBERT NEUBIG (Pharmacology Department)
 With ANATOLI N LOPATIN (Molec & Integrative Physiology); ORMOND A MACDOUGALD (Molec & Integrative Physiology)
 \$2,330,826 09/08/06 - 02/28/10

Clinical Center: Medical and Quality of Life Outcomes after Live Kidney or Lung Donation
 AKINLOLU OLUSEUN OJO (Int Med-Nephrology)
 With FU-LUNG LUAN (Int Med-Nephrology); JOHN C MAGEE (General Surgery Section); RAJIV SARAN (Int Med-Nephrology)
 \$2,472,378 07/15/06 - 06/30/11

The Neural Basis of Behavioral Sensitization
 TERRY E ROBINSON (LSA Psychology)
 \$56,566 08/01/06 - 07/31/07

Brain Tumor Therapy Efficacy by Quantitative MR - Supplement
 BRIAN DALE ROSS (Radiology Department)
 With TIMOTHY D JOHNSON (Biostatistics Department); ALNAWAZ REHEMTULLA (Radiation Oncology - Ann Arbor)
 \$316,373 09/01/04 - 11/30/06

Multimodality CAD System with Image References for Breast Mass Characterization
 BERKMAN SAHINER (Radiology Department)
 With HEANG-PING CHAN (Radiology Department)
 \$318,253 09/25/06 - 07/31/08

Cancer Epidemiology Education in Special Populations
 AMR S SOLIMAN (Epidemiology Department)
 With SIOBAN D HARLOW (Epidemiology Department); HAL MORGENSTERN (Epidemiology Department); MARK L WILSON (Epidemiology Department)
 \$1,131,462 09/01/06 - 07/31/11

Biomarkers of Heavy Metal Exposure Related to Pancreatic Cancer Genetic Mutations
 AMR S SOLIMAN (Epidemiology Department)
 \$161,961 09/01/06 - 07/31/08

Administrative Supplement for University of Michigan CECCR Project Quit Phase II
 VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)
 \$16,118 09/01/06 - 08/31/07

Mechanisms of Rab27 Regulation of Insulin Secretion
 EDWARD L STUENKEL (Molec & Integrative Physiology)
 \$76,000 09/20/06 - 08/31/07

Population Research Infrastructure Support
 ARLAND D THORNTON (Pop Studies-Research)
 With WILLIAM G AXINN (Pop Studies-Research)
 \$4,512,771 07/01/06 - 06/30/11

Population Impact of Cancer Control Processes
 ALEXANDER TSODIKOV (Biostatistics Department)
 \$834,144 09/21/06 - 08/31/10

Protective Effects of Anti-C5a in Sepsis
 PETER A WARD (Pathology Department)
 With J VIDYA SARMA (Pathology Department)
 \$1,244,314 09/25/06 - 08/31/10

SNAIL-Dependent Regulation of EMT in Cancer
 STEPHEN J WEISS (Int Med-Molecular Med&Genetics)
 With ERIC R FEARON (Int Med-Molecular Med&Genetics)
 \$1,214,100 09/20/06 - 07/31/11

Tumor-Targeted Silencing of Bcl-2/Bcl-xL by the Self-Assembled siRNA Nanovectors
 LIANG XU (Radiation Oncology - Ann Arbor)
 With JAMES R BAKER JR (Int Med-Allergy); THEODORE S LAWRENCE (Radiation Oncology - Ann Arbor); KENNETH J PIENTA (Int Med-Hematology/Oncology)
 \$1,331,545 09/27/06 - 07/31/11

Human Tregs in Ovarian Cancer
 WEIPING ZOU (Surgery Department)
 \$647,520 09/20/06 - 07/31/09

Tumor Environmental CD40+CD25+T Cells
 WEIPING ZOU (Surgery Department)
 \$147,700 08/28/06 - 02/28/07

Plasmacytoid Dendritic Cells and Human Tumor Immunity
 WEIPING ZOU (Surgery Department)
 \$127,680 08/29/06 - 04/30/07

Neurochemistry of Opiate Abuse Risk in Chronic Pain

JON K ZUBIETA (Molecular & Behav Neurosc Inst)
With KENNETH L CASEY (Neurology Department); CARMEN R GREEN (Anesthesiology Department); ROBERT A KOEPPE (Radiology Department); THOMAS E NICHOLS (Biostatistics Department); YOLANDA REGINA SMITH (Obstetrics and Gynecology Dept)
\$2,300,159 09/30/06 - 08/31/11

International Substance Abuse Research Training Program

ROBERT A ZUCKER (Psych Substance Abuse)
With KIRK J BROWER (Psych Substance Abuse)
\$1,004,505 09/23/06 - 04/30/11

Health Plus of Michigan

Promoting Healthy Lifestyles for African-American Youth

JANET S BARNFATHER (Flint Nursing)
\$5,000 10/01/06 - 09/30/07

Hemophilia Foundation of Michigan

Integrating Prevention Services for Persons with Bleeding and Clotting Disorders

STEVEN W PIPE (Pediatrics-Hematology/Oncology)
With PAULA L BOCKENSTEDT (Int Med-Hematology/Oncology)
\$68,000 07/01/06 - 06/30/07

Henry Ford Health System

Multi-Modality Functional and Diffusion Tensor MRI Analysis for Epilepsy

DOUGLAS C NOLL (Biomedical Engineering)
\$36,788 09/01/06 - 04/30/07

A Tailored Asthma Education Program for Urban Teens II

VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)
With MICHAEL COUPER (SRC-Survey Methodology Prog); KENNETH RESNICOW (Hlth Behavior & Hlth Ed Dept)
\$311,323 07/01/06 - 06/30/07

Innovative BioTherapies

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

CHARLOTTE M MISTRETTA (Office of Research - Dentistry)
\$493 07/01/05 - 12/31/06

International Truck and Engine Corporation (NAVISTAR)

Suspension and Characterization Testing on International P494

CHRISTOPHER B WINKLER (UMTRI-Engineering Research)
\$8,300 08/11/06 - 09/30/06

Suspension and Characterization Testing on International P726

CHRISTOPHER B WINKLER (UMTRI-Engineering Research)
\$9,200 07/01/06 - 10/31/06

IVAX Corporation

Talampanel Open-Label Adjunctive Therapy: A Follow-On Study to Determine Long-Term Safety and Efficacy in Patients with Partial Seizures Protocol: IVL-201F-14-189

DANIELA N MINECAN (Neurology Department)
\$55,040 01/01/06 - 12/31/06

Jaeb Center for Health Research

Validation of Glucose Sensing Technologies in Children with Type 1 Diabetes

SARAH J CLARK (Pediatrics-Ambulatory Care Pgm)
\$7,508 08/01/06 - 07/31/07

Jefferson East Business Association

Grantee Support MI AmeriCorps Partnership -
2006-08

MARGARET E DEWAR (Community
Service Learning)
\$3,300 09/01/06 - 05/31/08

Jet Propulsion Laboratory

The Chemical and Dynamical Evolution in
L1251B

EDWIN ANTHONY BERGIN (LSA
Astronomy)
\$9,819 08/31/06 - 09/30/08

Spitzer Observations of Hydrogen Deuteride

EDWIN ANTHONY BERGIN (LSA
Astronomy)
\$29,373 08/31/06 - 09/30/08

An IRS Survey of Spitzer Identified Protostars in
the Orion A Cloud

NURIA PILAR CALVET (LSA
Astronomy)
\$65,742 08/31/06 - 09/30/08

Dust and Gas in Planet-Forming Disks: Tracing
the Grains in Transitional and Evolved Systems

LEE WILLIAM HARTMANN (LSA
Astronomy)
\$24,617 08/31/06 - 09/30/08

Aerosol Measurement and Processing System

JOYCE E PENNER (Space Physics
Research Lab)
\$80,000 09/06/06 - 02/28/08

JSTOR

Recharge: Data Analysis and Statistical
Consulting Services

EDWARD D ROTHMAN (Ctr Statistical
Consul & Res)
With BRENDA WILSON GILLESPIE
(Ctr Statistical Consul & Res);
HYUNGJIN MYRA KIM (Ctr
Statistical Consul & Res); ANANDA
SEN (Ctr Statistical Consul & Res)
\$4,459 07/01/06 - 12/31/06

Lilly, Eli, and Company

Pulmonary and Critical Care Medicine Fellow
Program: Weekly Fellows Conference

MARC PETERS-GOLDEN (Int Med-
Pulm./Critical Care)
\$1,000 10/01/06 - 09/30/07

Maine, State of

Project IDEAL State Membership - 2006-2007:
Maine

JEROME JOHNSTON (RCGD-
Communication/Education)
\$17,000 10/01/06 - 09/30/07

Marine Design Dynamics, Inc

MHL Routine Physical Testing

GUY A MEADOWS (Naval Arch &
Marine Dept)
\$15,000 09/01/06 - 03/30/07

Medtronic, Inc.

Pedicle Screw Fixation

STEVEN A GOLDSTEIN (Orthopaedic
Surgery)
\$16,001 02/01/06 - 01/31/07

Merck and Company, Inc.

PLGA Microsphere Delivery of Hydrophobic
Drugs a Merck/U of M Collaboration

STEVEN P SCHWENDEMAN (College
of Pharmacy)
\$92,001 10/01/06 - 09/30/07

Mercury Data Systems

Personal Dead Reckoning System

JOHANN BORENSTEIN (Mechanical
Engineering)
\$191,976 09/26/06 - 10/31/07

Mercy Education Project

Grantee Support MI AmeriCorps Partnership -
2006-08

MARGARET E DEWAR (Community
Service Learning)
\$2,040 09/01/06 - 05/31/08

**Michigan Coalition Against Domestic and
Sexual Violence, The (MCADSV)**

New Visions: Alliance to End Violence in
Asian/Asian American Communities

MIEKO YOSHIHAMA (School of Social
Work)
\$63,510 09/01/06 - 09/29/07

Michigan Critical Care Consultants, Inc.

Treatment of Heart Disease with an
Intraventricular Sac

JONATHAN W HAFT (Cardiac Surgery
Section)
\$31,158 01/01/06 - 12/31/06

Michigan State Bar Foundation

University of Michigan Law School Pediatric
Advocacy Initiative Fellowship

ANNE N SCHROTH (Law Clinical
Activity)

With BRIDGET M MCCORMACK
(Law Clinical Activity)

\$20,000 09/01/05 - 08/31/06

Michigan, State of, Education, Department of

Partners for Achievement in Mathematics and
Science

PERCY BATES (SOE-Educational
Studies)

\$184,102 08/01/06 - 06/30/08

Improving English Language Arts (ELA) Teacher
Quality in Middle School

DEANNA D BIRDYSHAW (SOE-
Educational Studies)

With ANNE RUGGLES GERE (SOE-
Educational Studies); CHARLES W
PETERS (SOE-Educational Studies)

\$184,102 08/01/06 - 06/30/08

Michigan, State of, Human Services,**Department of**

Family Independence Agency Referral Contract
for the Family Assessment Clinic

KATHLEEN C FALLER (School of
Social Work)

\$24,480 04/01/06 - 03/31/09

Medical Findings in Child Abuse and Neglect
Training

ELAINE S POMERANZ (Pediatric
Hospitalists)

\$24,999 02/01/06 - 09/30/06

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

Michigan AmeriCorps Partnership

MARGARET E DEWAR (Community
Service Learning)

\$277,125 09/01/06 - 08/31/07

Michigan, State of, Transportation,**Department of**

Economic and Demographic Forecasts for
Michigan and Its Counties

GEORGE A FULTON (Inst of Labor &
Industrial Rel)

\$319,000 08/18/06 - 12/31/07

Cooperative Intersection Collision Avoidance
Systems - Urban and Suburban Assisted Left Turn
(CICAS-USUAL (Michigan))

TIMOTHY J GORDON (UMTRI-
Engineering Research)

With DAVID JAMES LEBLANC
(UMTRI-Engineering Research);

JAMES R SAYER (UMTRI-Human
Factors)

\$73,163 09/07/06 - 12/07/06

Michigan, State of, Treasury, Department of

Amendment to the Management Consultant
Services Contract Agreement

SAUL H HYMANS (LSA Economics)

\$138,830 10/01/06 - 09/30/07

National Academy of Sciences

Borrowed Personnel Letter Agreement

LENNARD A FISK (Atm, Oceanic &
Space Sci.)

\$5,769 07/01/06 - 06/30/07

National Aeronautics and Space**Administration**

Relations Between High-Energy and Lower-
Frequency Emission in Blazars

MARGO F ALLER (LSA Astronomy)

\$6,141 08/15/06 - 08/14/07

Broad-Band Multifrequency Variability of 3C
454.3 During a Radio Outburst

MARGO F ALLER (LSA Astronomy)

\$10,972 08/01/06 - 07/31/07

Titan Thermospheric General Circulation Model:
An Update

STEPHEN W BOUGHER (Atm, Oceanic
& Space Sci.)

\$24,000 10/01/06 - 09/30/07

Numerical Investigation of the Effects of
Continuum Breakdown on Hypersonic Vehicle
Surface Properties

IAIN D BOYD (Aerospace Engineering)

\$24,000 10/01/06 - 09/30/07

Erosion Modeling of Hall Thrusters

IAIN D BOYD (Aerospace Engineering)

\$65,000 10/01/06 - 09/30/07

An Extended Hot Halo Gas Around M31

JOEL N BREGMAN (LSA Astronomy)

\$55,022 08/09/06 - 08/08/07

Interpretation of SPITZER/IRS Spectra of Protoplanetary Disks
 NURIA PILAR CALVET (LSA Astronomy)
 \$41,000 09/14/06 - 09/13/07

NASA IPA - Planning and Development of Synthetic Aperture Radar
 MYRON C DOBSON (CoE EECS-Rad)
 \$158,716 09/16/06 - 04/08/07

Sample Acquisition at Mars (SAM), Phase B/C/D/E Support Contract Through October 1, 2009
 CHARLES J M EDMONSON JR (Space Physics Research Lab)
 \$2,457,539 09/01/06 - 10/31/09

Multidisciplinary Passive/Active Optimization of Helicopter Rotors for Vibration and Noise Reduction
 PERETZ P FRIEDMANN (Aerospace Engineering)
 \$24,000 09/01/06 - 08/31/07

Michigan Space Grant Consortium Report
 ALEC D GALLIMORE (Aerospace Engineering)
 \$580,000 04/15/06 - 04/14/07

Michigan Initiative on Student NASA Exploration Research (MISNER)
 ALEC D GALLIMORE (Aerospace Engineering)
 \$40,000 09/01/06 - 04/14/10

Creating a Closed Loop Neuroelectric Interface Via Cortical Electrodes in Rats to Investigate Optimal Learning Techniques for Human Electroencephalogram (EEG) Neuroelectric Devices
 DARYL R KIPKE (Biomedical Engineering)
 \$24,000 09/01/06 - 07/31/07

Constraining North-American Fluxes of Carbon Dioxide and Inferring Their Spatiotemporal Covariances Through Assimilation of Remote Sensing and Atmospheric Data in a Geostatistical Framework
 ANNA MARTA MICHALAK (Civil & Environmental Engr)
 \$338,649 09/01/06 - 08/31/09

XMM-Newton, RXTE (Rossi X-Ray Timing Explorer), and Radio Observations of Cygnus X-1
 JON MATTHEW MILLER (LSA Astronomy)
 \$38,525 09/01/05 - 04/30/06

Revealing a Relativistic Fe K Emission Line in the z=1 Quasar 3C 287
 JON MATTHEW MILLER (LSA Astronomy)
 \$63,193 08/01/06 - 07/31/07

An XMM-Newton Director's Target of Opportunity (TOO) Observation of Swift J753.5-0127
 JON MATTHEW MILLER (LSA Astronomy)
 \$40,356 08/01/06 - 07/31/07

Measuring the Physical Properties of the Most Distant X-Ray Massive Galaxy Cluster at z=1.4
 CHRISTOPHER ROBINSON MULLIS (LSA Astronomy)
 \$51,917 09/07/06 - 09/06/07

Plume-Ground-Soil Interaction Study Due to Pulse-Modulated Descent Engines at Low Ambient Pressure
 NILTON O RENNO (Atm, Oceanic & Space Sci.)
 \$24,000 09/12/06 - 09/11/07

National Childhood Cancer Foundation
 Children's Oncology Chair Group Chair's Grant
 PATRICIA L ROBERTSON (Pediatrics-Neurology)
 \$11,580 03/01/06 - 02/28/07

National Marrow Donor Program (NMDP)
 BMT CTN Committee Chairperson
 JAMES L FERRARA (Pediatrics-Hematology/Oncology)
 \$33,333 01/01/06 - 08/31/06

BMT CTN Transplant Center Clinical Study Agreement
 JAMES L FERRARA (Pediatrics-Hematology/Oncology)
 \$0 09/01/06 - 08/31/07

National Science Foundation

Collaborative Research: Multiple Sulfur isotope tracers of the subsurface biosphere in oceanic basement

JEFFREY C ALT (LSA Geological Sciences)

\$172,419 09/15/06 - 08/31/09

(Collaborative Research) Planetary Biodiversity Inventory (PBI), Euphorbia: A Global Inventory of the Spurges

PAUL E BERRY (LSA Ecology & Evolutionary Bio)

\$1,977,975 10/01/06 - 09/30/11

Investigation of a Novel Quantum Dot Tunnel Detector for the Terahertz Range

PALLAB K BHATTACHARYA (CoE EECS-Ssel)

\$270,000 09/01/06 - 08/31/09

Automated Vision Tracking of Project-Related Entities

IOANNIS BRILAKIS (Civil & Environmental Engr)

\$299,739 09/01/06 - 08/31/09

Biosphere Atmosphere Research and Training (BART) Phase II Supplement Request to include Undergraduates in Program Evaluation Component

MARY ANNE CARROLL (LSA Biological Station)

\$14,671 06/01/06 - 05/31/07

Supplemental Request: Polar Experiment Network for Geospace Upper-atmosphere Investigators (PENGUIn) - A New Vision for Global Studies

CALVIN ROBERT CLAUER (Space Physics Research Lab)

\$38,875 08/01/06 - 07/31/07

Simplified Bidding and Solution Structures for Combinatorial Procurement Auctions

AMY ELLEN MAINVILLE COHN (Industrial Operations)

With DAMIAN R BEIL (ROSS SCH Research Support); AMITABH SINHA (ROSS SCH Research Support)

\$149,114 09/01/06 - 08/31/09

History and Theory of Infrastructure: Distilling Lessons for New Scientific Cyberinfrastructures
PAUL N EDWARDS (School of Information)

With STEVEN J JACKSON (School of Information)

\$91,911 09/01/06 - 08/31/07

Active Micro-Fluid-Structural Sensing Based on Attractor Morphing and Adaptively Enhanced Nonlinear Dynamics

BOGDAN EPUREANU (Mechanical Engineering)

\$195,931 10/01/06 - 09/30/09

CI-TEAM Implementation Project: Using cyberinfrastructure to develop next generation civil infrastructure

THOMAS A FINHOLT (SI Crew)

With VICTOR C LI (Civil & Environmental Engr); JEROME P LYNCH (Civil & Environmental Engr); GARY M OLSON (SI Crew);

STEPHANIE D TEASLEY (SI Crew)

\$760,000 10/01/06 - 09/30/09

(Supplemental Request) IREE-- The Time-Dependent Changes in the State and Properties of the Recently Deposited Palm Island Sands in Dubai

RUSSELL A GREEN (Civil & Environmental Engr)

\$20,750 09/01/06 - 08/31/08

Carbon Dioxide Based Metal Working Fluids

KIM F HAYES (Civil & Environmental Engr)

With STEVEN J SKERLOS

(Mechanical Engineering)

\$350,000 09/15/06 - 08/31/09

Topology-Aware Internet Threat Detection Using Pervasive Darknets

FARNAM JAHANIAN (CoE EECS-Ssrl)

With JIGNESH M PATEL (CoE EECS-Ssrl)

\$400,000 09/15/06 - 08/31/09

Structural Developments in Ion-Implanted Sol-Gel Films and Resulting Glasses

JOHN KIEFFER (Materials Science & Engin.)

\$88,102 09/01/06 - 08/31/07

Organelle DB / Organelle View: A Community Resource of Protein Localization and Function
 ANUJ KUMAR (Life Sciences Institute-Admin)
 \$525,356 09/01/06 - 08/31/09

Collaborative Proposal: Distributed and Fault-Tolerant Control of Discrete-Event Systems
 STEPHANE LAFORTUNE (CoE EECS-Con)
 \$174,000 10/01/06 - 09/30/09

SGER: DHS and NSF Collaboration: Expansion of the American National Election Study: Gauging the Public's Attitudes on Terrorism and Homeland Security
 ARTHUR LUPIA (CPS-National Election Studies)
 \$148,241 10/01/06 - 09/30/08

SENSORS: Carbon Nanotube-based Wireless Sensors for Strain and Corrosion Monitoring of Structures - Supplemental Funding Request
 JEROME P LYNCH (Civil & Environmental Engr)
 \$50,100 09/01/06 - 08/31/08

SGER: Malware Immunization through Deterrence
 ZHUOQING MAO (CoE EECS-Ssrl)
 \$99,999 09/15/06 - 08/31/07

Engineering Two Dimensional Crystals
 ADAM J MATZGER (LSA Chemistry)
 \$324,000 11/01/06 - 10/31/09

Constrained Attitude Control of the 3D Pendulum
 N HARRIS MCCLAMROCH (Aerospace Engineering)
 \$239,999 09/15/06 - 08/31/09

Supplemental Request FOCUS Frontiers in Optical Coherent and Ultrafast Science
 CHRISTOPHER R MONROE (LSA Physics)
 With PAUL R BERMAN (LSA Physics); THEODORE B NORRIS (CoE-EECS FOCUS)
 \$5,970,000 08/01/06 - 07/31/07

Photonic Quantum Networking of Trapped Ion Qubits
 CHRISTOPHER R MONROE (LSA Physics)
 With LUMING DUAN (LSA Physics)
 \$450,000 09/15/06 - 08/31/09

Interdisciplinary Training and Curriculum for Undergraduates in Biological and Mathematical Sciences (UBM) at the University of Michigan
 PATRICK W NELSON (LSA Mathematics)
 With TRACHETTE L JACKSON (LSA Mathematics); JOHN W SCHIEFELBEIN JR (Cell and Developmental Biology)
 \$904,519 09/15/06 - 08/31/11

Industry/University Cooperative Research Center for Intelligent Maintenance Systems (IMS): Five Year Renewal Proposal
 JUN NI (CoE Ind/Univ Coop Research Ctr)
 With DRAGAN DJURDJANOVIC (CoE Ind/Univ Coop Research Ctr)
 \$150,000 09/15/06 - 08/31/11

Supplement Request FPI Optical Station in Support of the C/NOFS (Communications/Navigation Outage Forecasting System) Satellite Program (Supplement to ATM-0518855)
 RICK J NICIEJEWSKI (Space Physics Research Lab)
 \$20,988 09/01/06 - 08/31/07

Arabidopsis 2010: Understanding Peroxisomal Protein Networks Using Proteomics, Subcellular Localization of Fluorescent Protein Fusions, and Reverse Genetics
 LAURA J OLSEN (LSA Molec./Cell./Develop. Bio)
 \$451,486 10/01/06 - 09/30/10

Integrated Biological Sequence Data Management
 JIGNESH M PATEL (CoE EECS-Ssrl)
 With ANAND SWAROOP
 (Ophthalmology & Visual Science)
 \$575,105 10/01/06 - 04/30/09

Collaborative Research: The Community Whole
 Magnetosphere Model (CWMM)
 AARON JAMES RIDLEY (Atm, Oceanic
 & Space Sci.)
 With DARREN LEE DE ZEEUW
 (Atm, Oceanic & Space Sci.); TAMAS
 I GOMBOSI (Atm, Oceanic & Space
 Sci.); JANET U KOZYRA (Atm,
 Oceanic & Space Sci.); MICHAEL
 WARREN LIEMOHN (Atm, Oceanic
 & Space Sci.); IGOR V SOKOLOV
 (Atm, Oceanic & Space Sci.); GABOR
 TOTH (Atm, Oceanic & Space Sci.)
 \$305,000 09/01/06 - 08/31/11

Some Theory Problems on Quantum Computation
 and Information
 YAOYUN SHI (CoE EECS-Ssrl)
 \$250,000 09/15/06 - 08/31/09

Collaborative Research: Implications of
 Greenhouse Gas Policy Instruments on Material
 lows-a Life Cycle Approach Integrating
 Engineering, Public Policy, and Market Behavior
 STEVEN J SKERLOS (Mechanical
 Engineering)
 With GREGORY A KEOLEIAN (Sch
 of Nat Resources & Environ);
 WALTER S MCMANUS (UMTRI-
 Automotive Analysis Div.)
 \$1,184,633 09/15/06 - 08/31/11

Deep Think: Thinkly Deeply about Biodiversity
 and Ecology
 NANCY BUTLER SONGER (SOE-
 Educational Studies)
 \$2,974,263 09/15/06 - 08/31/10

NSF Collaborative Exchange Between Panel
 Study of Income Dynamics (PSID) and British
 Household Panel Survey (BHPS)
 FRANK P STAFFORD (SRC-Psid)
 With ROBERT F SCHOENI (SRC-
 Psid)
 \$30,000 07/01/06 - 06/30/07

NSF SGER: Tracking Panel Study of Income
 Dynamics (PSID) Gulf State Families
 FRANK P STAFFORD (SRC-Psid)
 With ROBERT F SCHOENI (SRC-
 Psid)
 \$174,999 10/01/06 - 09/30/07

Cyclical, Intergenerational, & Life Course
 Measure & Social Behavior: The Panel Study of
 Income Dynamics (USDA pass through)
 FRANK P STAFFORD (SRC-Psid)
 With ROBERT F SCHOENI (SRC-
 Psid)
 \$954,000 12/01/06 - 11/30/07

GOALI: Estimation and Control of Water in
 Polymer Electrolyte Membrane (PEM) Fuel Cells
 ANNA G STEFANOPOULOU
 (Mechanical Engineering)
 \$252,000 09/01/06 - 08/31/09

Third Supplement to IGERT National
 Recruitment Project
 JAMES A TEERI (LSA Ecology &
 Evolutionary Bio)
 \$685,590 09/01/05 - 02/29/08

Supplemental Request: IREE: Modular Control
 and Verification of Discrete Event Systems
 DAWN M TILBURY (Mechanical
 Engineering)
 \$15,000 09/01/06 - 08/31/08

A "5XME" Workshop and Report
 A GALIP ULSOY (Mechanical
 Engineering)
 \$49,998 09/01/06 - 08/31/08

Regression Diagnostics in Survey Data
 RICHARD L VALLIANT (SRC-Survey
 Methodology Prog)
 \$150,000 10/01/06 - 09/30/08

Supplemental Request Collaborative Research:
 CUNY / Michigan Alliance
 JANET A WEISS (Graduate School
 Administration)
 With TONI C ANTONUCCI
 (Graduate School Administration)
 \$45,280 10/01/05 - 09/30/07

Nissan Technical Center, North America

Strategic Worldwide Transportation 2020
MICHAEL SIVAK (UMTRI-Human
Factors)

With MICHAEL J FLANNAGAN
(UMTRI-Human Factors)
\$60,000 04/01/06 - 03/31/07

North Carolina A & T State University

ONR Ph.D. Fellowship Program-Bowen
JAMIE DEAN PHILLIPS (CoE EECS-
Ssel)

\$6,500 07/01/06 - 10/30/06

ONR/HBEC Future Engineering Faculty
Fellowship Award

ELLIOT SOLOWAY (CoE EECS-AI)
\$14,345 08/01/06 - 10/30/06

Novartis

Impact of Exercise Training on Mitochondrial
Dysfunction in a Rat Model Selected for Low
Aerobic Capacity

STEVEN L BRITTON (Physical
Medicine & Rehab Dept)
With LAUREN GERARD KOCH
(Physical Medicine & Rehab Dept)
\$37,923 07/01/06 - 06/30/07

Oakland Schools

Oakland Michigan Writing Project

LAURA J ROOP (School of Education)
\$27,907 07/01/06 - 06/30/07

Ohio State University Research Foundation

Michigan Sea Grant College Program-- Great
Lakes Regional Research and Information
Network: A Plan to Provide the Science Behind
an Ecosystem Approach to Management

DONALD SCAVIA (SNRE Michigan Sea
Grant)

With JENNIFER G READ
DONAHUE (SNRE Michigan Sea
Grant)
\$25,000 06/01/06 - 05/31/07

Opteos, Inc.

High Sensitivity Electromagnetic-Field Sensing
THEODORE B NORRIS (CoE EECS-
Usl)

\$225,000 09/27/06 - 09/27/08

**Our Lady of Guadalupe Middle School For
Girls**

Grantee Support MI AmeriCorps Partnership -
2006-08

MARGARET E DEWAR (Community
Service Learning)
\$6,600 09/01/06 - 05/31/08

Paion GmbH

Efficacy of DSPA and Combined DSPA/Solulin
in the Treatment of Thrombotic Stroke in Mice
DANIEL ALLEN LAWRENCE (Int Med-
Cardiology)

With ENMING JOSEPH SU (Int Med-
Cardiology)
\$89,024 08/01/06 - 01/31/07

Partnership for Prevention

Assessment of Policies and Practices Related to
Vaccine Choice

SARAH J CLARK (Pediatrics-
Ambulatory Care Pgm)
\$80,144 09/01/06 - 08/31/07

Insurance Coverage of Child, Adolescent, and
Adult Vaccines

MATTHEW M DAVIS (Pediatrics-
Ambulatory Care Pgm)
\$124,995 08/01/06 - 07/31/07

Pfizer, Inc.

Graduate Student Internship Program

VIJAYAN N NAIR (LSA Statistics)
\$17,632 09/01/06 - 12/31/06

In Vitro NMR Spectroscopy and Imaging of
Pegaptanib Sodium (Macugen)

SCOTT D SWANSON (Radiology
Department)
\$96,931 09/21/06 - 03/21/07

Pierce Manufacturing, Inc.

Suspension and Steering System Characterization
CHRISTOPHER B WINKLER (UMTRI-
Engineering Research)

\$8,300 10/01/06 - 12/31/06

Plastic Surgery Educational Foundation

In Vivo Conditioning of Tissue Engineered
Tendon Constructs produced in Vitro

DAVID L BROWN (Plastic Surgery
Section)
\$4,000 09/01/06 - 08/31/07

QLT USA, Inc.

A Phase II, Randomized, Double-Blind, Parallel Design Study to Evaluate ACZONE (Dapsone) Gel, 5% As a Treatment for Rash Related to the Human Epidermal Growth Factor Receptor 1 (HER1)/Epidermal Growth Factor Receptor (EGFR) Inhibitor Tarceva (Erlotinib)

DANA LYNN SACHS (Dermatology Department)

\$51,846 09/15/06 - 07/31/07

Robarts Clinical Trials - Robarts Research Institute

A Prospective, Open Label Study to Evaluate the Adacolumn Apheresis System for the Treatment of Moderate to Severe Crohn's Disease Protocol 512-04-208

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$207,280 08/24/06 - 12/31/07

Sanofi-Aventis Pharmaceuticals

Insulin Use, Processes of Care, and Health Outcomes in Diabetic Patients in Managed Care

WILLIAM H HERMAN (MEND)

\$228,460 08/28/06 - 08/27/07

Semiconductor Research Corporation

A Design Optimization Framework for Process Variation Tolerance

DENNIS MICHAEL SYLVESTER (CoE EECS-Ssel)

With DAVID BLAAUW (CoE EECS-Acal)

\$130,000 09/01/06 - 08/31/07

Society of Women in Urology

Title: Isolation of Cavitation Effects During Controlled Tissue Ablation (Histotripsy) in the Ex Vivo Porcine Kidney and In Vivo Rabbit Kidney

WILLIAM W ROBERTS (Urology Surgery)

\$2,500 04/19/06 - 04/18/07

Solucient

Hospital Performance Research Using Solucient Data

JEFFREY A ALEXANDER (Health Management and Policy)

With JOHN R GRIFFITH (Health Management and Policy)

\$12,000 09/01/06 - 08/31/07

Southwest Research Institute

Juno Science Support Phase B Activities

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

\$30,574 01/01/06 - 09/30/06

Juno Science Support Phase B Activities

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

\$7,767 01/01/06 - 09/30/06

Space Telescope Science Institute

Globular Clusters in the Direction of the Inner Galaxy

MARIO L MATEO (LSA Astronomy)

\$78,383 04/01/06 - 03/31/08

Spastic Paraplegia Foundation, Inc.

Developing Treatment for Childhood Onset Hereditary Spastic Paraplegia (SPG3A HSP)

JOHN K FINK (Neurology Department)

\$120,000 09/01/06 - 09/01/08

Spencer Foundation

Learning Complex Performance in, from, and for Practice: Implications for Teaching and Teacher Education

MAGDALENE LAMPERT (SOE-Educational Studies)

\$47,725 09/01/06 - 08/31/07

St. Jude Children's Research Hospital

Childhood Cancer Survivors' Study

RAYMOND J HUTCHINSON

(Pediatrics-Hematology/Oncology)

\$30,600 12/01/05 - 11/30/06

Stanley Medical Research Institute, The

Cis-variation and Gene Expression Regulation in Bipolar Disorder

HAIMING CHEN (Psychiatry Depression Center)

\$134,471 07/01/06 - 06/30/07

State, Department of

Partnerships for Growth in Yemen

AARON AHUVIA (Dbn School of Management)

\$250,000 09/12/06 - 08/31/07

Streamline Numerics, Inc

A Simulation Environment for Aerodynamic Analysis and Design of Flapping Wing Micro Air Vehicles

WEI SHYY (Aerospace Engineering)
With LUIS P BERNAL (Aerospace Engineering)
\$51,417 09/01/06 - 05/31/07

Texas, State of

Project IDEAL State Membership - 2005-2006: Texas

JEROME JOHNSTON (RCGD-Communication/Education)
\$17,500 01/01/06 - 09/30/06

Therapeutics System Research Lab, Inc. (TSRL, Inc.)

Enhancing Thrombostatin's Oral Delivery (SBIR Ph 1)

HENRY I MOSBERG (College of Pharmacy)
\$35,000 07/01/06 - 06/30/07

TRW Foundation

Robust Algorithms for Pedestrian Detection and Tracking

YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)
\$20,000 09/15/06 - 01/01/10

UAW-Ford Motor Company

UAW-Ford University On-Line Coordination/ETC Training

LAWRENCE ROOT (Inst of Labor & Industrial Rel)
\$9,500 06/01/06 - 08/31/06

United Oil Processing (UOP LLC)

Metal-Organic Frameworks (MOFs) for Carbon Dioxide Adsorption

ADAM J MATZGER (LSA Chemistry)
\$223,000 08/01/06 - 02/01/08

Universal Display Corporation

Novel Plastic Substrates for Very High Efficiency Organic Light-Emitting Diode (OLED) Lighting
STEPHEN R FORREST (CoE EECS-Ssel)

\$10,000 06/28/06 - 03/27/07

Novel High Efficiency High Color Rendition Index (CRI) Phosphorescent Organic Light-Emitting Diode (OLED) Lighting Containing Two Broad Emitters

STEPHEN R FORREST (CoE EECS-Ssel)
\$10,000 06/28/06 - 03/27/07

Phase II SBIR Program: White Transparent Organic Light-Emitting Diode (TOLED) II

STEPHEN R FORREST (CoE EECS-Ssel)
\$200,000 05/11/06 - 07/10/07

University of Alabama

Hurricane Imaging Radiometer (HIRad) Unmanned Aerial Vehicles (UAV) Prototype: Phase 1 Development

CHRISTOPHER S RUF (Atm, Oceanic & Space Sci.)
\$190,444 09/01/06 - 08/09/07

University of Arizona

MURI: Predicting and Prescribing Human Decision-Making Under Uncertain and Complex Scenarios

JIONGHUA JIN (Industrial Operations)
\$36,375 07/01/06 - 12/31/06

University of California - San Francisco

CRIC-Plus: Study of Advanced Chronic Renal Insufficiency

CRYSTAL A GADEGBEKU (Int Med-Nephrology)
\$70,227 03/01/06 - 02/28/07

University of Chicago

Primate Testing of a Novel Mucosal Smallpox Vaccine

JAMES R BAKER JR (Int Med-Allergy)
With ANNA U BIELINSKA (Int Med-Allergy)
\$197,286 08/01/06 - 02/28/07

Discovery of Novel Inhibitors of Anthrachelin Production in Bacillus Anthracis

DAVID H SHERMAN (Life Sciences Institute-Admin)
\$85,874 08/15/06 - 08/14/07

University of Illinois at Urbana-Champaign

ICT 1-C: Membrane Bioreactor Technology

LUTGARDE M RASKIN (Civil &
Environmental Engr)

\$105,000 02/01/06 - 07/31/07

US-Israel Binational Science Foundation

The Group 4 Capsule of Enterohaemorrhagic and
Enteropathogenic E.coli

MARK A SAPER (Biophysics Research
Division)

\$18,837 09/01/06 - 08/31/07

VisionCare Ophthalmic Technologies, Ltd.

Five Year follow-up of IMT-002 Patients, A
Long-term Monitoring Study of IMT-002 Patients

PAUL R LICHTER (Ophthalmology &
Visual Science)

\$97,834 01/01/06 - 12/31/11

Five Year Follow-up to IMT-002 patients, a
Long-term Monitoring Study of IMT-002 Patients

PAUL R LICHTER (Ophthalmology &
Visual Science)

\$7,700 09/01/06 - 12/31/11

Wayne State University

Reducing Risk of Breast Cancer Recurrence in
African American Women

ZORA DJURIC LONGWORTH
(Department of Family Medicine)

\$15,032 05/01/06 - 04/30/07

Wayne, County of

Aerotropolis: The January 2006 Detroit Charrette

DOUGLAS S KELBAUGH (Coll of Arch
& Urban Planning)

\$55,838 01/20/06 - 07/20/06

Whirlpool Corporation

Lean Research and Development

JEFFREY K LIKER (Industrial
Operations)

\$52,658 07/01/06 - 06/30/07