

AWARDS PROCESSED  
 Research and Other Sponsored Activities  
 January 1, 2007 through January 31, 2007

Received by the Regents  
 February 15, 2007

The awards detailed in this list were processed January 1, 2007 through January 31, 2007. 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 (January)	221	183	(17.2%)	\$59,511,239	\$43,965,864	(26.1%)
Research Awards	150	128	(14.7%)	\$55,508,577	\$36,783,407	(33.7%)
Research Training	4	6	50.0%	\$322,674	\$227,700	(29.4%)
Other Sponsored Activity	67	49	(26.9%)	\$3,679,988	\$6,954,757	89.0%
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Total Awards Processed Fiscal Year to Date	1,437	1,457	1.4%	\$519,501,390	\$458,935,079	(11.7%)
Research Awards	1,065	1,083	1.3%	\$450,110,795	\$393,695,203	(12.5%)
Research Training	68	71	4.4%	\$28,132,187	\$27,742,361	(1.4%)
Other Sponsored Activity	304	303	(0.3%)	\$41,258,408	\$37,497,515	(9.1%)

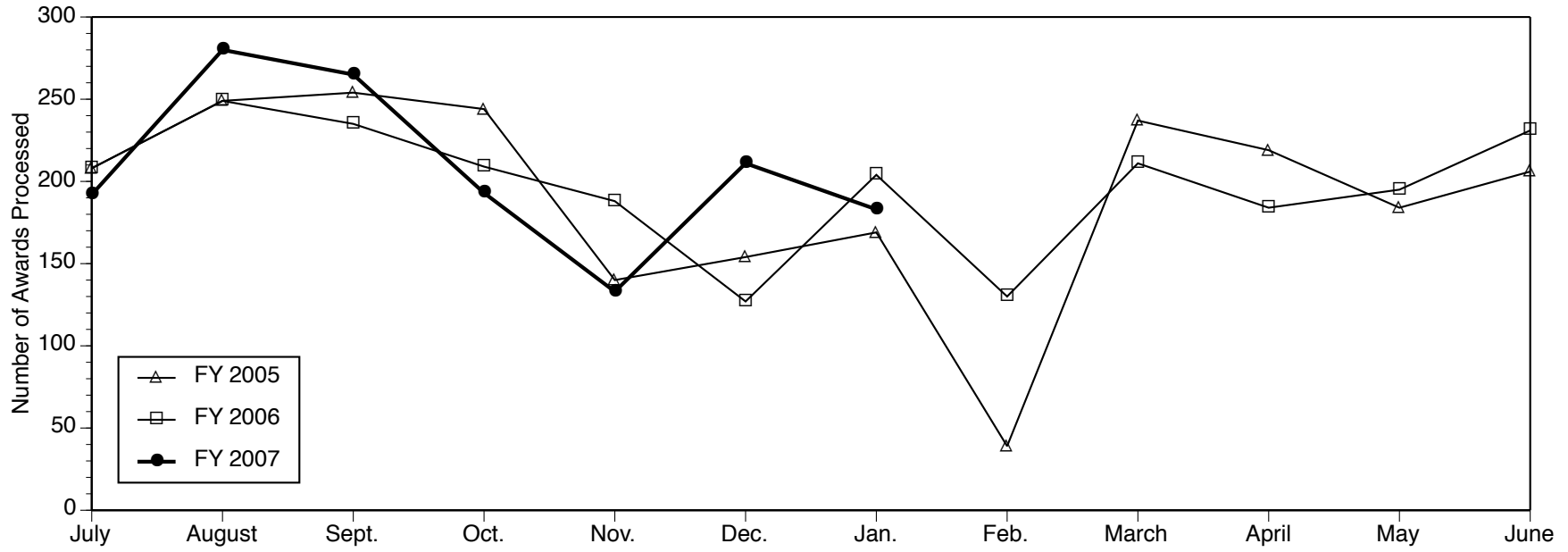
After some improvement in award number and value last month, a set back has occurred when comparing January 2007 activity with January 2006. The decline in award value is primarily caused by fewer large awards (valued at \$1.0 million or greater) processed in January 2007 then January 2006.

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

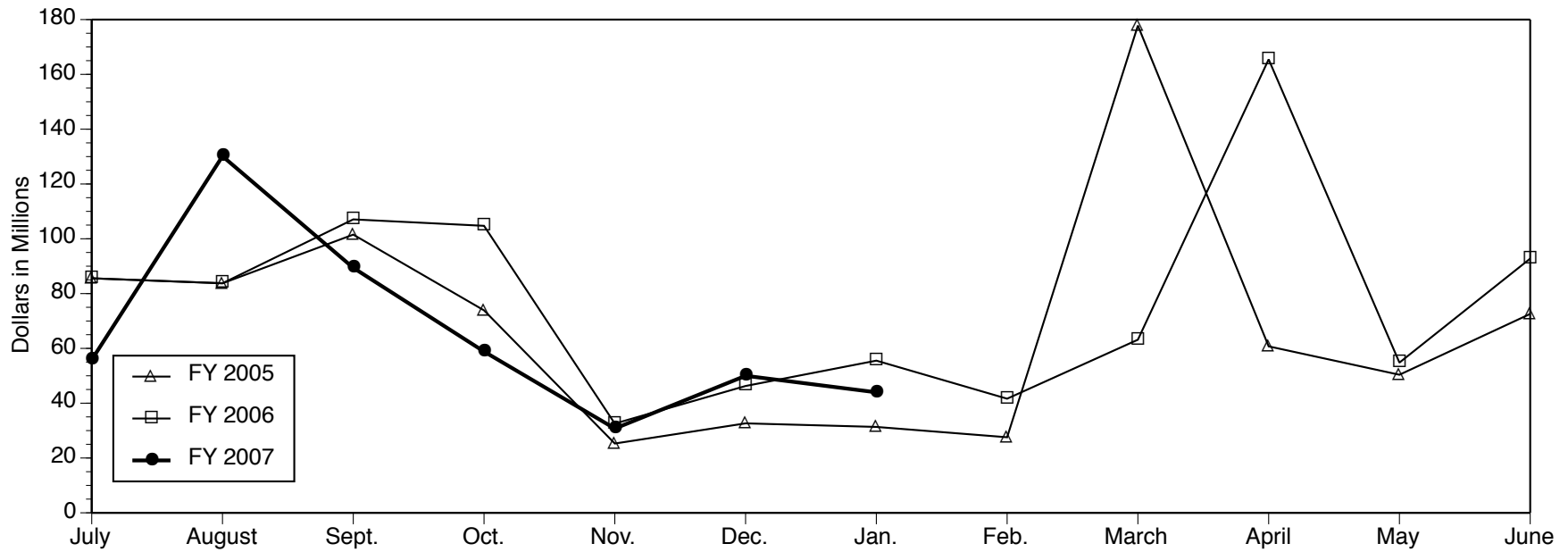
	Federal Expendable Restricted	Other Funds	Total Expenditures
December 2006	\$291,068,283	\$99,467,081	\$390,535,364
December 2005	\$285,596,445	\$101,666,235	\$387,262,680
Percent Change	1.9%	(2.2%)	0.8%

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

## January 1, 2007 through January 31, 2007

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.

### **Adelphi Technology, Inc.**

High-Resolution Tomography for Small Animal Imaging

STEVEN A GOLDSTEIN (Orthopaedic Surgery)

\$83,714 02/01/07 - 07/31/08

### **Agriculture, Department of**

Making Metropolitan Areas More Livable: Recognizing Enhancing Under Appreciated Natural Resources

RACHEL KAPLAN (Sch of Nat Resources & Environ)

With STEPHEN KAPLAN (LSA Psychology)

\$3,000 09/01/06 - 06/09/07

### **Alliance for Lupus Research**

Tissue-Based Molecular Fingerprints in Lupus Nephritis

MATTHIAS KRETZLER (Int Med-Nephrology)

With KENT J JOHNSON (Pathology Department); WILLIAM J MCCUNE (Int Med-Rheumatology);

PANDURANGA S RAO (Int Med-Nephrology); EMILY CATHERINE SOMERS (Int Med-Rheumatology)

\$423,366 02/01/07 - 01/31/09

### **American Association of Neurological Surgeons (AANS)**

Development of a Novel Neuro-Anatomical Scaffold for the Purpose of Spinal Cord Regeneration after Implantation in Rat Models

FRANK LA MARCA (Neurosurgery)

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

### **American Chemical Society**

Novel Brownian Dynamics Simulation Methods for Polymer Solutions

RONALD G LARSON (Chemical Engineering Dept)

\$90,000 01/01/07 - 08/31/09

Vertebrate Paleontology of Upper Cretaceous Deposits of Jordan

JEFFREY A WILSON (LSA Paleontology Museum)

\$40,000 01/01/07 - 08/31/09

### **American Heart Association, Midwest Affiliate**

The Role of MTOR Signaling in Triglyceride and Free Fatty Acid Metabolism

GHADA A SOLIMAN (Metabolism, Endo & Diabetes)

With DIANE C FINGAR (Cell and Developmental Biology)

\$132,000 01/01/07 - 12/31/08

### **American Society of Nephrology, The (ASN)**

Cellular Pathophysiology of Acute Renal Failure (Bridge Funding)

JOEL M WEINBERG (Int Med-Nephrology)

\$100,000 01/01/07 - 12/31/07

### **American Tax Policy Institute (ATPI)**

Technology, Privacy and the Future of Taxation

JOEL B SLEMROD (ROSS SCH Ofc Tax Policy Rsrch)

\$80,000 01/16/07 - 10/31/08

### **American Trucking Associations (ATA)**

Comparison of the Safety of Trucks in Short-Haul Service

DANIEL F BLOWER (UMTRI-Transp. Safety Analysis)

With PAUL ERIC GREEN (UMTRI-Transp. Safety Analysis)

\$18,221 03/01/07 - 04/30/07

**American Urological Association Foundation**

Rising Star in Urology Research Award  
BRENT K HOLLENBECK (Urology  
Surgery)

\$199,000 01/01/07 - 12/31/11

**Andrews University**

BTG Illicit Drug Team Data Analyses  
LLOYD D JOHNSTON (SRC-Studies of  
Youth)

\$5,428 03/01/07 - 05/31/07

**Ann Arbor Public Schools**

Enabling Adolescents in Culturally Diverse  
Environments to Peacefully Resolve Ethnic Group  
Conflicts

CHARLES D GARVIN (School of Social  
Work)

With HENRY O MEARES (School of  
Social Work)

\$3,500 09/01/06 - 08/31/07

**Annunciation Church Samaritan Center**

Grantee Support MI AmeriCorps Partnership -  
2006

MARGARET E DEWAR (Community  
Service Learning)

\$6,600 09/01/06 - 05/31/08

**Argonne National Laboratory**

Further Analysis of Energy Security from Clean  
Energy Technologies

GREGORY A KEOLEIAN (Sch of Nat  
Resources & Environ)

\$13,583 01/01/07 - 05/31/07

**Aspreva Pharmaceuticals, Inc.**

Pharmacokinetics of Mycophenolate Mofetil  
(MMF) During Relapse and Remission of  
Childhood Nephrotic Syndrome

PATRICK D BROPHY (Pediatrics-  
Nephrology)

With WILLIAM E SMOYER  
(Pediatrics-Nephrology)

\$42,940 01/17/07 - 07/17/08

**Association of American Colleges and  
Universities**

Survey Assistance for the Core Commitments  
Project: Educating Students for Personal and  
Social Responsibility

ERIC L DEY (SOE-CSHPE)

\$123,735 10/01/06 - 09/30/08

**Auto/Steel Partnership**

Variability Study of Spot Weld Specimens for  
Advanced and Traditional High Strength Steels

HONG-TAE KANG (Dbn Coll of Eng-  
Mechanical Eng)

\$6,000 12/18/06 - 04/17/07

**Biotechnology Research and Development  
Corporation**

Zinc-Finger-Nuclease-Mediated Resistance to  
Plant Viruses

TZVI TZFIRA (LSA

Molec./Cell./Develop. Bio)

\$173,922 10/01/06 - 09/30/07

**Blue Cross Blue Shield of Michigan  
Foundation**

Feasibility and Acceptability of a Novel Clinic-  
Based Tool to Improve Assessment and  
Management of Childhood Obesity

GARY L FREED (Pediatrics-Ambulatory  
Care Pgm)

With MATTHEW M DAVIS

(Pediatrics-Ambulatory Care Pgm)

\$9,980 12/01/06 - 11/30/07

Encouraging Physicians to Practice in  
Underserved Communities: Medical Student  
Rotation Strategy

DAVID GORDON (Medical School  
Administration)

With BRENT C WILLIAMS (Int  
Med-General Medicine)

\$146,206 09/01/06 - 08/31/09

**Boehringer Ingelheim, Ltd.**

Tiotropium Inhalation Solution in Respimat  
Inhaler (BIPI)

SAMYA Z NASR (Pediatrics-Pulmonary  
Medicine)

\$53,911 01/19/07 - 11/18/07

Pharmaceutical Cocrystals: Synthesis, Stability  
and Properties

NAIR RODRIGUEZ-HORNEDO

(College of Pharmacy)

\$10,000 01/15/07 - 01/15/08

**Brigham and Women's Hospital**

Metal Mixtures and Neurodevelopment

HOWARD HU (Environmental Health  
Sciences)

\$27,737 09/16/06 - 06/30/07

**Burnham Institute, The**

Computational Analysis of MS Data on Protease Products

ALEXEY NESVIZHSHKII (Pathology Department)

\$114,000 08/01/06 - 07/31/07

**Canon Development Americas**

High-Performance Plastic Lenses Using Hybrid Materials Based On Silsesquioxanes

RICHARD M LAINE (Materials Science & Engin.)

\$230,479 12/01/06 - 11/30/08

**Caterpillar, Inc.**

Electrical Discharge Machining (EDM) Process for Diesel Injector Microhole

ALBERT J SHIH (CoE Wu Mfg Research Center)

\$15,000 10/17/06 - 05/17/07

**Cherry Marketing Institute**

Pharmacokinetic Study of High and Low doses of Tart Cherry in Humans

SARA LESLEY WARBER (Department of Family Medicine)

With BRENDA WILSON GILLESPIE (Biostatistics Department)

\$160,634 01/01/07 - 06/30/07

**Children's Leukemia Research Association, Inc.**

Investigation of Anticancer Activity of 6-Mercaptopurine-9-Beta-D-Riboside Modified Gold Nanoparticles

NICHOLAS KOTOV (Chemical Engineering Dept)

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

**Columbia University**

Genetics and Stigma: The Role of the Mass Media

NICHOLAS A VALENTINO (CPS-Media & Politics)

\$16,854 09/01/06 - 08/31/07

**Creekside Community Development**

Grantee Support MI AmeriCorps Partnership - 2006-08

MARGARET E DEWAR (Community Service Learning)

\$4,080 09/01/06 - 05/31/08

**Cystic Fibrosis Foundation Therapeutics, Inc.**

Clinical Research Facilitation RFA

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$64,800 12/01/06 - 11/30/07

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

Deciphering the Mechanism of EZH2-Mediated Prostate Cancer Progression

ARUL M CHINNAIYAN (Pathology Department)

\$124,200 01/01/07 - 01/31/09

Inhibition of Glucose Metabolism in Ovarian Cancer

J REBECCA LIU (Obstetrics and Gynecology Dept)

\$25,000 02/01/06 - 05/30/09

Development of an Electron-Positron Source for Positron Annihilation Lifetime Spectroscopy

JOHN A NEES (CoE EECS-Usl)

With BIXUE HOU (CoE EECS-Usl)

\$390,004 12/20/06 - 12/19/09

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

Flying Fish Station Keeping Ocean Buoy - Persistent Ocean Surveillance Program

GUY A MEADOWS (Naval Arch & Marine Dept)

With WEI SHYY (Aerospace Engineering)

\$1,016,480 02/01/07 - 01/30/09

**Defense, Department of-National Security Agency**

Topics in Nonlinear Filtering Theory

ANNA AMIRDJANOVA (LSA Statistics)

\$14,930 12/21/06 - 12/20/07

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

The VIVACE Converter, Phase III: Design & Fabrication of a Multi-Modulo VIVACE Converter

MICHAEL M BERNITSAS (Naval Arch & Marine Dept)

\$30,000 12/01/06 - 10/31/07

On Demand Custom Body Implant and Prosthesis  
PRAVANSU S MOHANTY (Dbn Coll of  
Eng-Mechanical Eng)  
With ARMEN ZAKARIAN (Dbn Col  
of Eng-Indust & Sys En)  
\$2,160,506 01/10/07 - 01/09/09

Fellowship Support for University of Michigan's  
Sequential Graduate/Undergraduate Studies  
Program (SGUS) in Naval Architecture and  
Marine Engineering  
ARMIN W TROESCH (Naval Arch &  
Marine Dept)  
\$70,000 11/01/06 - 10/31/07

Sorbent Development for Desulfurization of Navy  
Fuels  
RALPH T YANG (Chemical Engineering  
Dept)  
\$132,543 10/02/06 - 09/30/07

#### **Detroit Recovery Project**

Grantee Support MI AmeriCorps Partnership -  
2006  
MARGARET E DEWAR (Community  
Service Learning)  
\$3,300 09/01/06 - 05/31/08

#### **Duramed Research, Inc**

A Phase 2, Multicenter, Double-Blind,  
Randomized, Placebo-Controlled Study to  
Evaluate DR-2001 for the Management of  
Moderate to Severe Endometriosis-Related  
Nonmenstrual Pelvic Pain  
ARNOLD P ADVINCULA (Obstetrics  
and Gynecology Dept)  
\$83,050 12/04/06 - 11/30/07

#### **Energy, Department of**

Development of Sulfur and Carbon Tolerant  
Reforming Alloy Catalysts Aided by Fundamental  
Atomistic Insights: Solid Oxide Fuel Cells and  
Hydrogen Production  
SULJO LINIC (Chemical Engineering  
Dept)  
With JOHANNES W SCHWANK  
(Chemical Engineering Dept)  
\$281,562 07/01/05 - 12/31/08

#### **Environmental Protection Agency**

High-Resolution Collection of Fine Particulate  
Matter in Support of Source Apportionment  
JOSEPH T DVONCH (Environmental  
Health Sciences)  
\$39,984 10/27/06 - 01/29/07

#### **Envisioneering Medical Technologies**

A Phase II Evaluation of TargetScan Guided  
Prostate Needle Biopsy  
JOHN THOMAS WEI (Urology Surgery)  
\$35,000 07/01/06 - 06/30/07

#### **Epilepsy Research Foundation**

Voltage-Gated Sodium Channel Beta 1 Subunit  
Mutations Associated to Severe Myoclonic  
Epilepsy of Infancy  
LORI L ISOM (Pharmacology  
Department)  
\$20,000 01/01/07 - 12/31/07

#### **Florida Medical Quality Assurance, Inc.**

End-Stage Renal Disease (ESRD) Quality  
Infrastructure Support  
DOUGLAS E SCHAUBEL (Biostatistics  
Department)  
\$137,000 01/01/07 - 06/30/07

#### **Ford Motor Company**

Identifying New Mobility Markets  
DAVID L FEATHERMAN (CARSS)  
\$75,000 06/01/06 - 05/30/07  
UM-D Special American Business Internship  
Program (SABIT)  
SUBRATA SENGUPTA (Dbn Col of  
Eng-ProfessionalDev)  
\$80,000 02/01/07 - 01/31/08

#### **General Dynamics Corporation**

Odometry for Dismounted Soldiers (Personal  
Odometry) Phase IV  
JOHANN BORENSTEIN (Mechanical  
Engineering)  
\$74,993 01/01/07 - 03/30/07

#### **Genesee County Land Bank**

Regional Planning and Land Revitalization in  
Genesee County  
RICHARD KENVIN NORTON (Urban  
Planning)  
With MARGARET E DEWAR (Urban  
Planning)  
\$53,856 01/01/07 - 06/30/07

**Georgetown University**

Pulmonary Hypertension Assessment and Recognition of Outcomes in Scleroderma (PHAROS)

JAMES R SEIBOLD (Int Med-  
Rheumatology)

\$13,000 03/01/06 - 06/30/07

**Great Lakes Fishery Commission**

Modeling Historic and Temporal Variation of Great Lakes Walleye Maturation Schedules

TOMAS OSKAR HOOK (SNRE CILER)

\$75,170 09/01/06 - 12/31/07

**Great Lakes Maritime Research Institute**

Hydrodynamic Optimization Testing of Ballast-Free Ship Design

MICHAEL G PARSONS (Naval Arch &  
Marine Dept)

\$43,000 10/01/06 - 09/30/07

**Greening of Detroit**

Grantee Support MI AmeriCorps Partnership - 2006

MARGARET E DEWAR (Community  
Service Learning)

\$9,900 09/01/06 - 05/31/08

**Gund, George, Foundation, The**

The Environment Report's Producer Training Program

MARK THOMAS BRUSH (Michigan  
Radio)

\$50,000 01/01/07 - 12/31/08

**Hanes, C. F. Fund**

Completion of Scanning Michigan Flora Images

PAUL E BERRY (LSA Herbarium)  
With ANTON A REZNICEK (LSA  
Herbarium)

\$4,500 01/01/07 - 06/30/07

**Hartwell Foundation**

Specification of Neural Crest at Different Axial Levels

CATHERINE ELLEN KRULL (Cell and  
Developmental Biology)

\$100,000 12/15/06 - 12/15/08

**Harvard University**

Food Stamp Program and Women, Infants, and Children: Effect on Children's Health and Well-Being

SHELDON H DANZIGER (G. Ford Sch  
of Public Policy)

\$10,560 09/01/06 - 12/31/07

Maternal Pesticide Exposure and Pregnancy Outcomes

JOHN D MEEKER (Environmental  
Health Sciences)

\$40,006 09/25/06 - 06/30/07

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

IPA for Catherine Lord 2007

CATHERINE LORD (UM Autism &  
Comm Disorders Ctr)

\$4,818 03/01/07 - 02/28/08

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

Pharmacotherapy and Mechanisms of Sleep Disturbance in Alcohol Dependence

KIRK J BROWER (Psych Substance  
Abuse)

With ROSEANNE ARMITAGE  
(Psychiatry Department); J TODD  
ARNEDT (Psychiatry Department);  
ROBERT F HOFFMANN (Psychiatry  
Department); HYUNGJIN MYRA  
KIM (Ctr Statistical Consul & Res)  
\$2,207,401 01/20/07 - 12/31/11

Microneme Function in Toxoplasma

VERNON BRUCE CARRUTHERS  
(Microbiology and Immunology)

\$1,035,636 06/01/06 - 03/31/10

Community Genetics Forum: A Model

Community Engagement Program

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

\$99,900 12/15/06 - 12/14/07

The Role of GSTP1 in Oncogenic K-Ras Signaling

DUYEN DANG (Int Med-  
Gastroenterology)

With LONG DANG (Int Med-  
Hematology/Oncology)

\$267,120 01/01/07 - 12/31/08



Environment Change and Diarrheal Disease: A Natural Experiment

JOSEPH NEIL EISENBERG  
(Epidemiology Department)

\$1,202,673 04/01/06 - 12/31/07

Apoptosis Regulated by Fibronectin Signaling Pathways

YVONNE LORRAINE KAPILA  
(Periodontics and Oral Medicine)

\$28,365 12/01/06 - 03/31/08

Cognitive Modulation of Circadian Rhythms

THERESA M LOVE (LSA Psychology)  
With MARTIN FRIEDRICH  
SARTER (LSA Psychology)

\$1,206,716 01/01/07 - 12/31/10

Pitx2 Function in Developing Mouse Brain Neurons

DONNA MARIE MARTIN (Pediatrics-Genetics)

\$1,285,255 02/01/07 - 01/31/11

Epidemiology of Heterogeneity in Type 2

Diabetes

MASSIMO T PIETROPAOLO  
(Metabolism, Endo & Diabetes)

\$2,186,073 09/01/06 - 08/31/10

Ectonucleotidases in Atherothrombosis and Stroke

DAVID PINSKY (Int Med-Cardiology)

\$1,818,177 01/19/07 - 12/31/11

Purchase of a 500 MHz Solid-State NMR Spectrometer

AYYALUSAMY RAMAMOORTHY  
(Biophysics Research Division)

\$500,000 01/15/07 - 01/14/08

Regulation of Gastric Epithelial Cells in the Mouse

LINDA C SAMUELSON (Molec & Integrative Physiology)

\$1,517,280 12/01/06 - 01/31/12

Structural Studies of Gxg and Its Complexes at the Cell Membrane

JOHN J G TESMER (Life Sciences Institute-Admin)

\$1,462,800 01/15/07 - 12/31/10

Protein Interactions with CADASIL-Mutants of Notch3

MICHAEL M WANG (Neurology Department)

With MILA BLAIVAS (Pathology Department)

\$338,450 02/01/07 - 01/31/09

Podocyte Stress, Hypertrophy, and Depletion

ROGER C WIGGINS (Int Med-Nephrology)

\$1,195,232 02/01/07 - 01/31/11

Retirement Savings, Subjective Expectations and Survey Measurement

ROBERT J WILLIS (SRC-Hrs)

\$124,640 02/01/07 - 01/31/09

### **Honda R & D Company, Ltd.**

Validation and Development of Adult and Elderly Male Human Body Models Using Computed Tomography Data

STEWART C WANG (General Surgery Section)

\$17,500 12/01/06 - 02/28/07

### **Howard University**

Pulmonary Hypertension and the Hypoxic Response in SCD

LAURENCE A BOXER (Pediatrics-Hematology/Oncology)

With ANDREW D CAMPBELL  
(Pediatrics-Hematology/Oncology);  
GREGORY J ENSING (Pediatrics-Cardiology)

\$230,999 08/01/05 - 07/31/07

### **Human Growth Foundation**

Investigating the Roles of RNase MRP in Human Genetic Disease

DAVID R ENGELKE (Biological Chemistry Dept)

\$7,500 11/03/06 - 12/31/07

### **Indiana University**

Pathogenesis of Atopic Dermatitis

CHEONG-HEE CHANG (Microbiology and Immunology)

\$232,946 01/01/07 - 05/31/07

Philanthropy Supplement-2007 Data Collection (Wave 35)

FRANK P STAFFORD (SRC-Psid)

\$305,637 09/01/06 - 10/31/08

**Industrial Science and Technology Network**  
Effective and Non-Toxic Antagonist to Heparin  
and LMWH Services

BLAKE J ROESSLER (Int Med-  
Rheumatology)  
\$81,451 08/22/06 - 06/30/09

**Ingenium Pharmaceuticals AG**

To Evaluate the Behavioral Effects of Systemic  
Administration of Ingenium Compounds in  
Rhesus Monkeys

MEI-CHUAN KO (Pharmacology  
Department)  
\$15,000 05/01/06 - 06/30/07

**Interior, Department of the**

The Role of Genetic Population Structure on  
Community Dynamics of Aquatic Organisms in  
the Great Lakes Basin

DONALD SCAVIA (Sch of Nat  
Resources & Environ)  
With WENDY STOTT (Sch of Nat  
Resources & Environ)  
\$111,452 01/01/07 - 12/31/08

**International Truck and Engine Corporation  
(NAVISTAR)**

Evaluation of Health Management Initiatives

DEE W EDINGTON (Health  
Management Research Ctr)  
\$40,000 11/01/06 - 10/31/07

**Ivoclar Vivadent**

Clinical Evaluation of Glass Ceramic Material for  
Chair-Side CAD/CAM Crowns

DENNIS J FASBINDER  
(Cariology, Restor Sci & Endo)  
With JOSEPH DEBRUNE  
DENNISON (Cariology, Restor Sci &  
Endo)  
\$72,410 08/15/06 - 08/14/08

**Japanese Business Society of Detroit  
Foundation**

The Japan-US Medical Education and Exchange  
Project of the University of Michigan (2006-  
2007)

MICHAEL D FETTERS (Department of  
Family Medicine)  
\$4,000 01/01/07 - 12/31/07

Out of the Ordinary/Extraordinary: Japanese  
Contemporary Photography

JAMES C STEWARD (Museum of Art)  
\$2,000 11/16/06 - 11/15/07

**Jet Propulsion Laboratory**

Calibration and Validation of Microwave  
Radiometer: Cost Growth #2: Support GeoSTAR  
Costing Roadmap of Correlator Technology

CHRISTOPHER S RUF (Space Physics  
Research Lab)  
\$20,000 01/01/07 - 09/28/08

**Keck, W. M., Foundation**

Engineering Microenvironments for Control of  
Embryonic Development

MICHEL MARTIN MAHARBIZ (CoE  
EECS-Ssel)  
With CUNMING DUAN (LSA  
Molec./Cell./Develop. Bio)  
\$1,700,000 01/01/07 - 12/31/09

**Kellogg, W. K., Foundation**

Exploratory Development of Support Tools for  
Distributed, Semi-Open Environmental Scanning

PAUL J RESNICK (School of  
Information)  
\$38,735 01/01/07 - 06/30/07

**Krell Institute**

DoE Fellowships (Computational Science) -  
Academic Allowance

KENNETH G POWELL (CoE Ctr for  
Advanced Computing)  
\$2,000 09/01/06 - 08/31/07

**Life Directions**

Grantee Support MI AmeriCorps Partnership -  
2006-08

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

**March of Dimes Birth Defect Foundation**

The Genetic Basis of Abnormal Gene Expression

PATRICIA JEAN WITTKOPP (LSA  
Ecology & Evolutionary Bio)  
\$150,000 02/01/07 - 01/31/09

**McKinsey & Co., Inc.**

A Comprehensive Study of Maintenance and Reliability Performance in Process Industries  
JUN NI (CoE Ind/Univ Coop Research Ctr)

With DRAGAN DJURDJANOVIC  
(CoE Ind/Univ Coop Research Ctr)  
\$128,390 01/01/07 - 12/31/08

**Medical Mutual of Ohio**

Evaluation of Medical Mutual of Ohio Health Management Program

DEE W EDINGTON (Health Management Research Ctr)  
\$150,000 10/01/06 - 09/30/09

**Mellon, Andrew W., Foundation**

Scanning of Latin American Type Collections of MICH

PAUL E BERRY (LSA Herbarium)  
\$84,000 01/01/07 - 12/31/08

University Postdoctoral Fellowships

DONALD S LOPEZ JR (Michigan Society of Fellows)  
With PEGGY S MCCracken (Grad Schl-Fellowship Prgm)  
\$1,973,000 01/01/07 - 12/31/14

**Michigan Humanities Council**

Motor City Voices: Labor, Race, and De-Industrialization

BRUCE A PIETRYKOWSKI (Dbn CASL-Social Sciences)  
\$14,998 11/15/06 - 11/30/07

**Michigan Primary Care Association**

Continuation of Funding: Clinical Child and Adolescent Health Center (CAHC) Program  
UMH RAHS @ Scarlett and East Middle Schools  
SHARON A REDMER (UMH RAHS Scarlett MiddleSchool)

With JENNIFER A SALERNO (UMH RAHS Scarlett MiddleSchool)  
\$175,000 10/01/06 - 09/30/07

**Michigan, State of, Community Health, Department of**

Integrated Care for Medicaid Consumers with Behavioral Health Care Needs

DAVID LEE NEAL (Psychiatry Department)  
\$1,796,432 10/01/06 - 09/30/07

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

Michigan AmeriCorps Partnership - Supplemental  
MARGARET E DEWAR (Community Service Learning)

\$88,680 09/01/06 - 08/31/07

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

GEAR UP/College Day Program at the University of Michigan - Dearborn

LINDA J ELLIS BROWN (Dbn Acad Support Outreach Serv)  
\$24,840 07/21/06 - 07/20/07

GEAR UP/College Day Program

TENDAJI W GANGES (Flint Educational Opportunity)  
\$22,080 07/21/06 - 07/20/07

**Michigan, State of, Management and Budget, Department of**

Beech Bark Disease Monitoring and Impact Analysis System for Michigan

JOHN A WITTER (Sch of Nat Resources & Environ)  
\$165,000 01/16/07 - 01/15/10

**Michigan, State of, Natural Resources, Department of**

Predicting Black Bear Habitat in Michigan's Lower Peninsula

DANIEL G BROWN (Sch of Nat Resources & Environ)  
\$10,000 01/01/07 - 12/30/07

**Michigan, State of, State Police, Department of**

C.S. Mott Children's Hospital Buckle Up! Program

PHYLLIS M BLACKMAN (UMH Pediatric Trauma)  
With JENNIFER ELINOR MCINTOSH (UMH Pediatric Trauma)  
\$47,000 10/01/06 - 09/30/07

Challenge Award Grant

JOSEPH G PIERSANTE (DPS Staff Services)  
\$9,841 01/22/07 - 09/30/07

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

Bridges and Structures Research Center of  
Excellence, Year 2

SHERIF EL-TAWIL (Civil &  
Environmental Engr)

\$28,800 12/18/06 - 09/30/07

Durability Study of the US-23 Aggregate Test  
Road And Recent JPCP Projects With Premature  
Joint Deterioration

WILL HANSEN (Civil & Environmental  
Engr)

\$228,923 12/21/06 - 03/21/09

Advanced Traffic Management System (ATMS)  
Software Procurement Evaluation

PETER FRANK SWEATMAN (UMTRI-  
Administration / Library)

With TIMOTHY J GORDON  
(UMTRI-Engineering Research);

JAMES R SAYER (UMTRI-Human  
Factors)\$250,000 01/05/07 - 08/14/09

**Mickey Leland National Urban Air Toxics  
Research Center**

Relationship Between Personal Exposures to  
VOCs (Volatile Organic Compounds) and  
Behavioral, Socioeconomic, Demographic  
Characteristics: Analysis of the NHANES  
(National Health and Nutrition Examination  
Survey) VOC Project Data Set

STUART ARTHUR BATTERMAN  
(Environmental Health Sciences)

With DEBASHIS GHOSH  
(Biostatistics Department)

\$50,000 11/01/06 - 10/31/07

**Mott, Charles Stewart, Foundation**

Student Housing Overruns

JUAN E MESTAS (Flint Chancellor's  
Office)

\$1,750,000 08/01/06 - 07/31/21

The Broadcasting Operations Project

JENNIFER BETH WHITE (Michigan  
Television)

\$640,900 09/01/06 - 08/31/07

**Mott, Ruth Foundation**

Genesee County Health Literacy Project

AUGUSTINE AGHO (Flint Hlth  
Profession Studies)

With MARGARET M ANDREWS  
(Flint Nursing); SHANDOWYN L  
PARKER (Flint Health Science &  
Admin)

\$124,580 01/01/07 - 12/31/08

Greenlinks Active Conservation Strategy

RENEE COLEEN ZIENTEK (Flint  
Ctr/Environmental Rsch)

\$29,675 01/01/07 - 09/01/07

**National Aeronautics and Space**

**Administration**

Augmentation Proposal for MSGC Budget, Fiscal  
Year 2005

ALEC D GALLIMORE (Aerospace  
Engineering)

\$162,875 04/15/06 - 04/14/07

TIMED Doppler Interferometer (TIDI) Extended  
Mission FY07-FY10

WILBERT R SKINNER (Space Physics  
Research Lab)

\$1,528,263 01/01/07 - 12/31/10

EFEA Developments for Metallic/Composite  
Rotorcraft Configurations

NICKOLAS VLAHOPOULOS (Naval  
Arch & Marine Dept)

With ANTHONY M WAAS  
(Aerospace Engineering)

\$600,000 01/01/07 - 12/31/10

**National Endowment for the Humanities**

German Jews in Turkish Exile

KADER KONUK-AGNEW (LSA  
Germanic Languages & Lit.)

\$40,000 01/01/07 - 12/31/07

When Ideologies Collide: Language

Endangerment and Revitalization in Native North  
America

BARBRA A MEEK (LSA Anthropology)

\$40,000 01/01/07 - 12/31/07

**National Organization for Hearing Research,  
The**

Differential Effects of TTS and PTS Noise on  
Apoptotic Signaling Pathways

TZY-WEN L GONG (Kresge Hearing  
Research Inst)

With MARGARET I LOMAX  
(Kresge Hearing Research Inst)

\$20,000 02/01/07 - 01/31/08

**National Science Foundation**

Supplement Request: ITR/IM+AP: A Conceptual  
Study of Multi-nested Self-populating Scientific  
Data Centers

CALVIN ROBERT CLAUER (Space  
Physics Research Lab)

With VLADIMIR O PAPITASHVILI  
(Space Physics Research Lab)

\$79,987 10/01/06 - 03/31/07

CAREER A Partial Order Approach to Dynamic  
Feedback in Multiagent Decision and Control  
Systems

DOMITILLA DEL VECCHIO (CoE  
EECS-Con)

\$400,000 07/01/07 - 06/30/12

CAREER Determination of Performance-Based  
Earthquake Engineering Parameters Using  
Paleoseismic Techniques

RUSSELL A GREEN (Civil &  
Environmental Engr)

\$408,233 01/01/07 - 12/31/11

LTREB: Collaborative Research: Long-Term  
Changes in Freshwater Microbial Community  
Composition of an Arctic Ecosystem

GEORGE W KLING II (LSA Ecology &  
Evolutionary Bio)

\$182,510 01/15/07 - 12/31/11

(Doctoral Dissertation) Research in Economics:  
Impact of Electrification on Labor Market,  
Schooling and Health Outcomes in South Africa

DAVID A LAM (LSA Economics)

\$8,000 02/01/07 - 01/31/08

CAREER Intent-Based Network Management

ZHUOQING MAO (CoE EECS-Ssrl)

\$524,109 01/01/07 - 12/31/11

REU Supplement for Award 0607002

ANNA MARTA MICHALAK (Civil &  
Environmental Engr)

\$5,885 09/01/06 - 08/31/08

CAREER Scalability Limits of Wireless  
Networks

PETAR MOMCILOVIC (CoE EECS-  
Cspl)

\$400,000 01/01/07 - 12/31/11

Bond Stress-Slip of Reinforcing Bars and  
Prestressing Strands in High-Performance Fiber-  
Reinforced Cement Composites (HPFRC)

ANTOINE E NAAMAN (Civil &  
Environmental Engr)

With GUSTAVO J PARRA-  
MONTESINOS (Civil &  
Environmental Engr)

\$16,000 07/01/04 - 12/31/07

Field Stations and Marine Laboratories (FSML):  
Enabling Forest Canopy Access and Analytical  
Capacity at the University of Michigan Biological  
Station

KNUTE J NADELHOFFER (LSA  
Biological Station)

\$151,195 02/01/07 - 01/31/09

Pharmaceutical and Commodity Chemical  
Synthesis in High-Temperature Water

PHILLIP E SAVAGE (Chemical  
Engineering Dept)

\$15,000 09/01/06 - 08/31/09

Technology, Privacy and the Future of Taxation

JOEL B SLEMROD (ROSS SCH Ofc Tax  
Policy Rsrch)

\$21,500 01/01/07 - 12/31/07

Collaborative Research: Quantum Mechanical  
Modeling of Major Mantle Materials

LARS P STIXRUDE (LSA Geological  
Sciences)

\$359,941 02/01/07 - 01/31/10

Testing Pangea reconstructions with new Later  
Permian - Early Triassic paleomagnetic studies

ROB VAN DER VOO (LSA Geological  
Sciences)

\$246,000 04/01/07 - 03/31/10

**NephCure Foundation**

The NephCure FSGS (Focal Segmental Glomerulosclerosis ) BioBank: Towards Personalized Molecular Medicine for FSGS Patients

MATTHIAS KRETZLER (Int Med-Nephrology)  
\$90,000 11/01/06 - 10/31/07

**NeuroNexus Technologies, Inc.**

Deep Brain Microelectrode Array for Functional Neurosurgery

DARYL R KIPKE (Biomedical Engineering)  
\$1,500 06/01/07 - 11/30/07

**North Carolina State University**

Mars Whole Atmosphere Climate Model Development

STEPHEN W BOUGHER (Atm, Oceanic & Space Sci.)  
\$50,000 10/01/06 - 09/25/07

**Oakland, County of**

Jobs for Michigan

GEORGE A FULTON (Inst of Labor & Industrial Rel)  
\$29,000 10/01/06 - 09/28/07

**Ohio State University**

Understanding Ecological Processes in Channelized Headwater Systems is a Key to Sustaining Crop Production while Protecting Water Resources

J DAVID ALLAN (Sch of Nat Resources & Environ)  
\$107,939 06/01/06 - 03/30/07

**Oregon Health and Science University**

Copper Complexing with Tetrathiomolybdate in a Murine Model of Alzheimer's Disease

GEORGE J BREWER (Human Genetics Department)  
\$28,216 09/01/06 - 06/30/07

**Ovarian Cancer Research Fund, Inc., The (OCRF)**

Identification and Validation of Clinically Relevant Targets in Ovarian Tumor Vasculature

RONALD J BUCKANOVICH (Int Med-Hematology/Oncology)  
\$100,000 01/01/07 - 12/31/07

**PeakCare, Inc**

Health Risk Appraisals for PeakCare  
DEE W EDINGTON (Health Management Research Ctr)

\$250,000 09/01/06 - 08/31/11

**PhRMA Foundation**

Investigation of the Effects of a Prevalent P450 2B6 Genetic Polymorphism on Catalytic Activity  
PAUL F HOLLENBERG (Pharmacology Department)

\$34,000 01/01/07 - 08/31/08

**Research to Prevent Blindness, Inc.**

Unrestricted Grant

PAUL R LICHTER (Ophthalmology & Visual Science)  
\$110,000 01/01/07 - 12/31/07

**Robert Bosch Corporation**

Strategic Worldwide Transportation 2020

MICHAEL SIVAK (UMTRI-Human Factors)

With MICHAEL J FLANNAGAN (UMTRI-Human Factors)  
\$180,000 01/05/07 - 01/04/10

**Rosebud Foundation**

Turner Asian Outreach Program

CAROLYN C WHITE (Geriatrics Social Work)

\$6,976 12/01/06 - 12/01/07

**Roswell Park Cancer Institute**

Development of Multifunctional Contrast Agents

DAVID M WILLIAMS (Radiology Department)

\$29,184 08/01/06 - 07/31/07

**Saginaw Bay Watershed Initiative Network**

Expressions of Learning-Literacy Through Photography

SHARRI D NEWMAN (Flint Cnt for Civic Engagemnt)

\$18,500 01/15/07 - 12/15/07

**Sanofi-Aventis Pharmaceuticals**

Cardiometabolic Risk Project

DEE W EDINGTON (Health Management Research Ctr)

\$300,000 01/29/07 - 02/01/08

**Semiconductor Research Corporation**

III-V on Si Electronics

STEPHEN R FORREST (CoE EECS-Ssel)

\$63,379 01/01/07 - 12/31/07

**Southwest Research Institute**

Cassini Ion and Neutral Mass Spectrometer Support

CHARLES J M EDMONSON JR (Space Physics Research Lab)

\$49,993 10/02/06 - 09/30/07

**Space Telescope Science Institute**

The Masses for Ultraluminous X-ray Sources

JOEL N BREGMAN (LSA Astronomy)

\$50,740 01/01/07 - 12/31/08

Binary Burning in Globular Clusters

JOEL N BREGMAN (LSA Astronomy)

\$93,016 01/01/07 - 12/31/08

The FUV Fluxes of Tauri Stars in the Taurus Molecular Cloud

NURIA PILAR CALVET (LSA Astronomy)

\$69,590 01/01/07 - 12/31/08

Comprehensive Auroral Imaging of Jupiter and Saturn During the International Heliophysical Year

KENNETH CALVIN HANSEN (Space Physics Research Lab)

\$34,677 01/01/07 - 12/31/08

**St. Luke's Women Center**

Grantee Support MI AmeriCorps Partnership - 2006

MARGARET E DEWAR (Community Service Learning)

\$2,040 09/01/06 - 05/31/08

**Stapp, John Paul, Association**

2007 Stapp Car Crash Journal and Conference

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$106,077 01/01/07 - 12/31/07

**Stony Brook University**

Imagining America Consortium

JULIE ELLISON (Imagining America)

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

**Stryker Corporation**

The Image-Based Finite Element Study for Thoraco-Lumbar Kyphosis

FRANK LA MARCA (Neurosurgery)

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

**Synthes, USA**

To Plate or Not to Plate: Quantification of the Effect of Clavicle Shortening on Shoulder Strength After Clavicle Fractures

BRUCE S MILLER (Orthopaedic Surgery)

With RICHARD E HUGHES (Orthopaedic Surgery)

\$17,752 01/01/07 - 12/31/07

**The Center for Studying Health System Change, Inc.**

HSC Senior Research/Physician

MATTHEW M DAVIS (Pediatrics-Ambulatory Care Pgm)

\$97,171 11/01/06 - 10/31/07

**The University of Chicago Press**

Editorial Office for Infection Control Hospital Epidemiology of the Society for Health Epidemiology of America

SUZANNE F BRADLEY (Int Med-Infectious Diseases)

With CAROL A KAUFFMAN (Int Med-Infectious Diseases); PREETI N MALANI (Int Med-Geriatrics Center)

\$200,000 01/01/07 - 12/31/11

**Therakos, Inc.**

A Randomized, Controlled, Parallel-Group, Multi-center Study of Extra-corporeal Photo-immune Therapy with Therakos UVADEX for the Treatment of Patients with Newly Diagnosed Acute Graft-versus-Host Diseases

JOHN E LEVINE (Pediatrics-Hematology/Oncology)

\$193,017 01/23/07 - 12/31/08

**Tinnitus Research Consortium**

Trigemina Influences on Cochlear Nucleus and Inferior Colliculus-Site and Mechanisms of Somatic Tinnitus

SUSAN E SHORE (Kresge Hearing Research Inst)

\$300,000 01/01/07 - 12/31/09

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

Technical Support and Assistance for FHA's Human-Centered Systems Team: Task Order #28 - "Driver Use of En-Route Real-Time Travel Time Information"

BARRY H KANTOWITZ (Center for Ergonomics)

\$306,512 12/12/06 - 12/11/08

**Unilever**

A Single-Blind Study to Assess Benefits of a Controlled Daily Skin Care Regimen on Retinoid Intolerant Patients

DANA LYNN SACHS (Dermatology Department)

\$125,067 01/11/07 - 12/31/07

**United States Automotive Materials**

**Partnership**

Size Effects in Textile Composites

ANTHONY M WAAS (Aerospace Engineering)

\$98,271 01/01/07 - 12/31/07

**Unither Pharmaceuticals**

An Open Label, Phase II Study of OvaRex MAb-B43.13 as an Adjuvant Treatment to Platinum Based Frontline Chemotherapy of Advanced Epithelial Carcinoma of Ovarian, Tubal, or Peritoneal Origin

WEIPING ZOU (Surgery Department)

\$18,134 12/21/06 - 12/21/09

**University Cultural Center Association**

North Cass Neighborhood Reinvestment Strategy Update

CRAIG LAWRENCE WILKINS (Coll of Arch & Urban Planning)

\$14,817 01/01/07 - 03/31/07

**University of Chicago**

Archiving and Disseminating Three Alfred P. Sloan Center on Parents, Children and Work Studies

AMY PIENTA (ICPSR-Archival Development)

\$17,261 10/01/06 - 12/31/06

**University of Colorado**

Subcontract with NCAR to support Lei Wang

ROBERT KRASNY (LSA Mathematics)

\$16,000 01/01/07 - 08/31/07

**University of Illinois**

School District Policies and Elementary School Practices Addressing Childhood Obesity

BETH-ELLEN PENNELL (Survey Research Organization)

\$15,770 01/01/07 - 06/30/07

**University of Pennsylvania**

A Randomized Controlled Study of

Adenotonsillectomy for Childhood Sleep Apnea

RONALD DAVID CHERVIN (Neurology Department)

With SUSAN LYNN GARETZ (Otorhinolaryngology Department);

BRUNO J GIORDANI (Psychiatry-Neuropsychology)

\$145,754 08/24/06 - 07/31/07

Survey of Vaccination and Surveillance Programs

BETH-ELLEN PENNELL (Survey Research Organization)

\$22,069 12/01/06 - 11/30/07

**University of Texas**

Preparation of ICC Scaffold with Nanostructured Surface for Tissue Engineering

NICHOLAS KOTOV (Chemical Engineering Dept)

\$104,079 09/29/06 - 09/28/07

**University of Texas at San Antonio**

Discovery of Novel Biomarkers of Renal Cell Carcinoma

DAVID M LUBMAN (Surgery Department)

\$50,000 09/01/06 - 02/28/07

**Various Sponsors**

Process Development Core Expendable Restricted Fund Recharge Account - External Sources

BLAKE J ROESSLER (Center for Gene Therapy)

\$172,062 07/01/06 - 06/30/09

Sample Analysis/Fee for Service Flow

ROBERT F TODD III (Biomedical Research Core Fac.)

\$3,064 06/01/06 - 05/31/08



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**Westat**

CUBICIN Outcomes Registry and  
Experience (CORE) for the Treatment of  
Serious Gram-Positive Infections  
VERSION 3.0 DARYL D DEPESTEL  
(College of Pharmacy)  
With CURTIS D COLLINS (College  
of Pharmacy)  
\$9,900      01/01/07 - 06/30/07