

AWARDS PROCESSED  
 Research and Other Sponsored Activities  
 February 1, 2007 through February 28, 2007

Received by the Regents  
 March 15, 2007

The awards detailed in this list were processed February 1, 2007 through February 28, 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 (February)	130	163	25.4%	\$41,642,795	\$40,988,636	(1.6%)
Research Awards	97	122	25.8%	\$31,929,176	\$34,402,395	7.7%
Research Training	7	4	(42.9%)	\$3,474,300	\$213,881	(93.8%)
Other Sponsored Activity	26	37	42.3%	\$6,239,320	\$6,372,360	2.1%
<hr/>						
Total Awards Processed Fiscal Year to Date	1,550	1,620	4.5%	\$557,160,510	\$499,923,715	(10.3%)
Research Awards	1,158	1,205	4.1%	\$478,427,788	\$428,097,598	(10.5%)
Research Training	75	75	0.0%	\$31,606,487	\$27,956,242	(11.5%)
Other Sponsored Activity	317	340	7.3%	\$47,126,235	\$43,869,875	(6.9%)

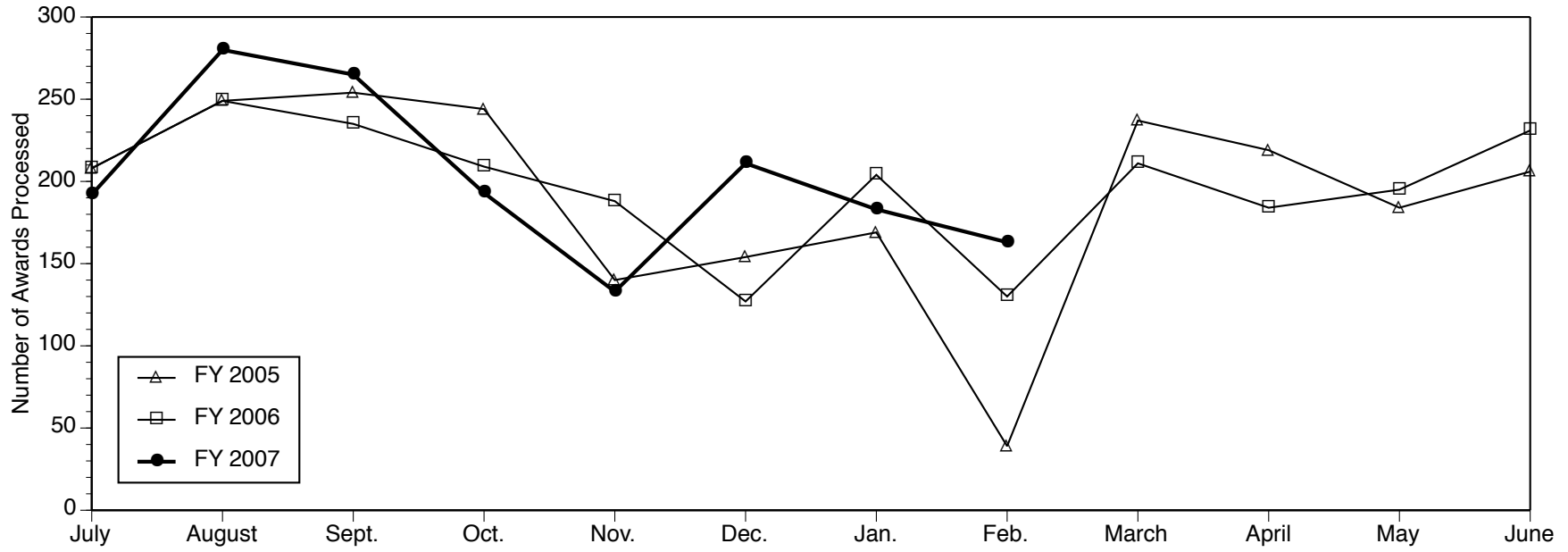
February 2007 activity is nearly identical to February 2006. Research Awards are strong when compared with the previous fiscal year. However, Research Training grants negatively impacted the overall experience. Year-to-date data remains in negative territory improving slightly from last month's year-to-date totals.

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

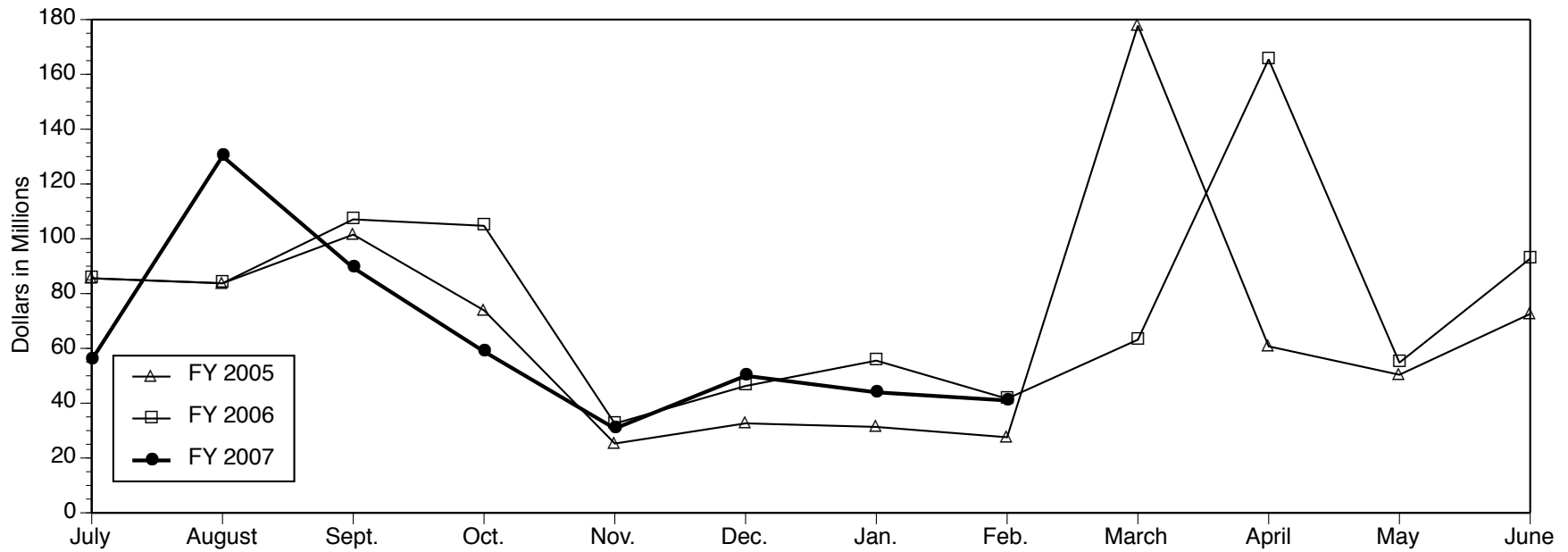
	Federal Expendable Restricted	Other Funds	Total Expenditures
January 2007	\$340,831,542	\$119,380,548	\$460,212,090
January 2006	\$333,949,300	\$121,556,147	\$455,505,447
Percent Change	2.1%	(1.8%)	1.0%

Data Source: Division of Research Development and Administration

**Number of Awards Processed**



**Dollar Value of Awards Processed**



Data Source: Division of Research Development and Administration

# PROJECTS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

## February 1, 2007 through February 28, 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.

### **3M (Minnesota Mining and Manufacturing) Foundation**

Engineering Student Retention Initiative  
ANTHONY W ENGLAND (CoE  
Minority Engin Pgm Ofc)  
With DERRICK E SCOTT (CoE  
Minority Engin Pgm Ofc)  
\$72,106 09/01/06 - 08/31/07

### **Abayomi Community Development Corp.** Grantee Support MI AmeriCorps Partnership - 2006-08

MARGARET E DEWAR (Community  
Service Learning)  
\$2,342 09/01/06 - 05/31/08

### **Actelion**

Effects of Combination of Bosentan and  
Sildenafil Versus Sildenafil Monotherapy on  
Morbidity and Mortality in Symptomatic Patients  
with Pulmonary Arterial Hypertension: A  
Multicenter, Double-Blind, Randomized, Placebo-  
Controlled, Parallel Group, Prospective, Event  
Driven Phase IV Study

MELVYN RUBENFIRE (Int Med-  
Cardiology)  
\$296,296 01/23/07 - 12/31/10

### **Agilent Technologies**

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

\$50,000 09/01/06 - 08/31/07

### **American Bar Foundation**

After the JD Wave 2

BETH-ELLEN PENNELL (Survey  
Research Organization)  
\$899,737 01/01/07 - 01/31/08

### **American Diabetes Association, Inc.**

Regulation and Function of Leptin Receptor-  
Expressing Lateral Hypothalamic Area (LHA)  
Neurons

MARTIN G MYERS JR (Metabolism,  
Endo & Diabetes)  
\$300,000 01/01/07 - 12/31/09

### **American Society of Clinical Oncology**

Using Functional Image and Circulating  
Molecular Marker to Predict Tumor Response and  
Lung Toxicity in the Treatment of Nonsmall Cell  
Lung Cancer

FENGMING P KONG (Radiation  
Oncology - Ann Arbor)  
\$170,100 07/01/06 - 06/30/09

### **Amgen, Inc.**

Proposal for Evaluating Amgen Reagents in the  
Human Skin Tissue Models

JAMES VARANI (Pathology  
Department)  
\$188,526 01/25/07 - 01/24/08

### **AOI Pharmaceuticals**

UMCC 2006.068 An Open-Label Phase I Study  
of the Safety of Perifosine in Combination with  
Lenalidomide and Dexamethasone for Patients  
with Relapsed or Refractory Multiple Myeloma  
ANDRZEJ J JAKUBOWIAK (Int Med-  
Hematology/Oncology)

\$144,412 12/22/06 - 12/21/08

### **AstraZeneca, PLC**

Extension of TROPHY (Trial of Preventing  
Hypertenion) Study: Ann Arbor Coordinating  
Center from November 1, 2006 to December 31,  
2007

STEVO JULIUS (Int Med-Cardiology)  
With NIKO KACIROTI (Center for  
Human Growth & Dev)  
\$10,000 07/31/06 - 12/31/07

In vivo Evaluation of the Combination of AZD6244 (MEK Inhibitor) and Bortezomib (Proteasome Inhibitor) in Human Melanoma Xenograft Mouse Models

MARIA S SOENGAS (Dermatology Department)

\$64,026 02/05/07 - 02/04/09

#### **Avon Foundation**

Changes Induced by Parity in the Stem/Progenitor Cell Population of the Normal Human Breast

GABRIELLA DONTU (Int Med-Hematology/Oncology)

With CELINA G KLEER (Pathology Department)

\$300,000 11/01/06 - 10/31/08

#### **Axcan Pharma**

A Multicenter, Randomized, Double-Blind, Crossover Study to Compare safety and Efficacy of Ultrasec MT20 to Placebo for the Correction of Steatorrhea in Patients with Cystic Fibrosis

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$66,788 01/11/07 - 12/31/07

#### **Battelle**

Personal Odometry for Proximal Human Robot Interaction

JOHANN BORENSTEIN (Mechanical Engineering)

\$49,997 02/08/07 - 09/30/07

#### **Blue Cross Blue Shield of Michigan Foundation**

Reducing Infection and Mortality After Coronary Artery Bypass Grafting (CABG) Surgery in Michigan

MARY A ROGERS (Int Med-General Medicine)

\$99,801 02/01/07 - 01/31/09

#### **Booz Allen Hamilton, Inc.**

University of Michigan Comprehensive Cancer Center Cancer Biomedical Informatics Grid (caBIG) Tissue Bands and Pathology Tools (TBPT) Workspace Working Group

MAX S WICHA (Univ of Mich Cancer Center)

\$23,773 01/01/07 - 09/30/07

#### **Brigham and Women's Hospital**

Prostate Cancer Harbinger Genes

ARUL M CHINNAIYAN (Pathology Department)

\$80,073 09/01/06 - 08/31/07

#### **Bristol-Myers Squibb Company**

UMCC 2006.108 A Phase II, Open Label Trial of Ixabepilone Plus Cetuximab as First Line Therapy for Metastatic Pancreatic Cancer

MARK M ZALUPSKI (Int Med-Hematology/Oncology)

\$189,767 01/25/07 - 06/19/09

#### **Brookhaven Science Associates, LLC**

Evaluation of Microelectronic Readout for 3D Position-sensitive CZT/HgI2 Detector Arrays

ZHONG HE (Nuclear Eng & Radiological Sci)

\$138,243 01/10/07 - 04/30/08

#### **Canada, Government of**

Lyrical(ly) Living History: French Canadian Folkloric Traditions Tap into Mid-Michigan

MATTHEW ALAN HILTON-WATSON (Flint English)

With ANJILI BABBAR (Flint English)

\$712 02/19/07 - 03/11/07

#### **Casey Family Program Foundation**

Casey National Foster Care Alumni Study Pilot Study

STEVEN G HEERINGA (SRC-Survey Methodology Prog)

\$39,053 10/01/06 - 04/30/07

#### **Catalyst Foundation**

Neural Prosthesis Chip Fabrication

MICHAEL FLYNN (CoE EECS-Ssel)

With DARYL R KIPKE (Biomedical Engineering)

\$15,000 01/01/07 - 12/31/07

#### **Children's Hospital of Los Angeles**

Therapeutic Advances in Childhood Leukemia (TACL)

RAYMOND J HUTCHINSON

(Pediatrics-Hematology/Oncology)

With RAJEN J MODY (Pediatrics-Hematology/Oncology)

\$2,250 07/19/06 - 07/18/09

**Computer Sciences Corporation**

SNSSDP 2007 - Summer Naval Surface Ship  
Design Program

ARMIN W TROESCH (Naval Arch &  
Marine Dept)

With DAVID JACOB SINGER (Naval  
Arch & Marine Dept)

\$50,000 11/01/06 - 09/30/07

**Connecticut General Life Insurance Company**

Addendum No. 1 to Services Agreement

DEE W EDINGTON (Health  
Management Research Ctr)

\$1,000,000 01/01/07 - 12/31/11

**Corporation for a Skilled Workforce**

Worksite Education and Screening Program to  
Reduce Hypertension in Michigan

KIMBERLEE A GRETEBECK (SON-  
Grants)

\$34,383 03/01/06 - 02/29/08

**Cystic Fibrosis Foundation**

Burkholderia Cepacia Reference Laboratory and  
Repository

JOHN J LIPUMA (Pediatrics-Infectious  
Diseases)

\$375,889 03/01/07 - 02/28/08

**Cystinosis Research Foundation - Natalie's  
Wish**

Application to the Cystinosis Research  
Foundation for a Grant Supplement to Establish a  
Cystinosis Research Lab at the University of  
Michigan

JESS G THOENE (Pediatrics-Genetics)

\$33,660 02/01/07 - 12/31/07

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

Demonstration and Modeling of Material  
Responses Achieved Through Contradirectional  
Coupling

ANTHONY GRBIC (CoE EECS-Rad)

\$121,156 02/01/07 - 11/30/09

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

CHD8, A Novel Beta-Catenin-Associated  
Chromatin Remodeling Enzyme, Regulates  
Androgen Receptor-Mediated Gene Transcription

DANIEL A BOCHAR (Biological  
Chemistry Dept)

With DIANE M ROBINS (Human  
Genetics Department); DAVID L  
TURNER (Biological Chemistry Dept)

\$337,679 03/01/07 - 03/31/10

Spectroscopic Photoacoustic Tomography of  
Prostate Cancer

XUEDING WANG (Radiology  
Department)

With PAUL L CARSON (Radiology  
Department); J BRIAN FOWLKES  
(Radiology Department)

\$320,125 02/15/07 - 03/15/09

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

Design and Inference for Case-Control Studies

BHRAMAR MUKHERJEE (Biostatistics  
Department)

\$14,996 01/23/07 - 01/22/08

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

Control of Tip Vortex Cavitation Suppression and  
Gas-Sheet Breakup

STEVEN L CECCIO (Mechanical  
Engineering)

\$553,331 12/26/06 - 12/31/09

Investigations of the Dielectric Constant of  
Encapsulated Dendritic Polyradicals

THEODORE G GOODSON III (LSA  
Chemistry)

\$400,000 10/17/06 - 10/31/09

**Delphi Automotive Systems**

Decision Support and HRAs for the Delphi Health  
Management Program

DEE W EDINGTON (Health  
Management Research Ctr)

\$125,000 01/01/07 - 12/31/07

IMS Salary Support for Eugene Yen

JUN NI (CoE Ind/Univ Coop Research  
Ctr)

\$40,833 02/01/07 - 06/30/07

**DePuy Spine Inc.**

A Multi-Center, Prospective, Randomized Controlling Trial Comparing Cervical Arthroplasty to Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of Cervical Degenerative Disc (DDD)

STANLEY SZU-CHI LEE (Orthopaedic Surgery)

With FRANK LA MARCA (Neurosurgery); PAUL PARK (Neurosurgery)

\$3,303,913 02/15/07 - 02/14/12

**Destiny Health**

Customization, Processing and Maintenance of HRA Data

DEE W EDINGTON (Health Management Research Ctr)

\$105,000 09/01/06 - 08/31/09

**Detroit Area Pre-College Engineering Program (DACEP)**

2007 Spring Courses for Pre-College Students

ANTHONY W ENGLAND (CoE Minority Engin Pgm Ofc)

With CHUNDRA JOHNSON (CoE Minority Engin Pgm Ofc); DERRICK E SCOTT (CoE Minority Engin Pgm Ofc)

\$21,240 01/01/07 - 04/30/07

**Dow Chemical Company**

Dow-University of Michigan Collaboration on Connecting Linear to Nonlinear Rheological Properties of Commercial Polyolefins. RONALD G LARSON (Chemical Engineering Dept)

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

**Duke University**

A Phase II Multicenter Randomized Double-Blind Parallel Group Dose Ranging Effect-Controlled Study to Determine the Pharmacokinetics and Pharmacodynamics of Sodium Nitroprusside (SNP) in Pediatric Subjects

SHOBHA V MALVIYA (Anesthesiology Department)

\$247,485 02/20/07 - 09/30/07

Designing New Models for Explaining Family Change and Variation

PAMELA J SMOCK (Pop Studies-Research)

\$52,074 02/05/07 - 09/29/07

**Eastern Michigan University**

A Supplemental Request for In-depth Data Analysis and Source Book Construction

ARLAND D THORNTON (Pop Studies-Research)

\$37,425 12/01/06 - 11/30/08

**Energy, Department of**

Hydrodynamics and Radiative Hydrodynamics with Astrophysical Applications

R PAUL DRAKE (Space Physics Research Lab)

\$1,498,530 01/01/07 - 12/31/09

Nanostructure patterning under energetic particle irradiation

LUMIN WANG (Nuclear Eng & Radiological Sci)

With WEI LU (Mechanical Engineering)

\$165,810 12/01/06 - 11/30/09

**EPIR, Ltd.**

Thermal and Electrical Characterization of HgCdTe-Based Superlattices for Thermoelectric Applications

KEVIN PATRICK PIPE (Mechanical Engineering)

\$63,267 10/04/06 - 08/30/08

**ERC, Inc.**

Computation of Radiation Transport in High-Density Plasma Propulsion Systems

IAIN D BOYD (Aerospace Engineering)

\$62,294 01/01/07 - 12/31/07

**Florida, State of**

Task 3: Development and Refinement of Dry Deposition Methods to Quantify Mercury Deposition to Sensitive Ecosystems: Florida Everglades

GERALD J KEELER (Environmental Health Sciences)

With JOSEPH T DVONCH (Environmental Health Sciences); FRANK JOSEPH MARSIK (Space Physics Research Lab)

\$138,032 02/16/07 - 05/31/07

**Ford Foundation**

Access, Assets and Poverty: The Role of Financial Services Among Low and Moderate-Income Households

REBECCA M BLANK (G. Ford Sch of Public Policy)

With MICHAEL S BARR (Law Research Faculty Activity)

\$100,000 01/01/07 - 12/31/08

**Ford Motor Company**

Model Validation Methods for Virtual Testing

GREGORY M HULBERT (Mechanical Engineering)

With MICHAEL KOKKOLARAS (Mechanical Engineering); PANOS Y PAPALAMBROS (Mechanical Engineering)

\$40,000 01/01/07 - 12/31/10

AutoMedia

BRIAN D NOBLE (CoE EECS-Ssrl)

\$199,989 02/01/07 - 01/31/09

Investigation of Effectiveness of Trailbraking for Active Vehicle Safety

TAEHYUN SHIM (Dbn Coll of Eng-Mechanical Eng)

\$30,000 03/01/07 - 03/01/10

**Foundation for the National Institutes of Health**

GAIN Program (The Genetic Association Information Network)

GONCALO ABECASIS (Biostatistics Department)

\$112,500 01/18/07 - 01/17/08

**GE Medical Systems, Inc.**

X-Ray CT Image Reconstruction Using Statistical Methods Year Five

JEFFREY A FESSLER (CoE EECS-Cspl)

\$144,096 09/01/06 - 08/31/07

**Genentech, Inc.**

A Phase III, Randomized, Double Blind, Placebo Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Rituximab in Subjects with ISN/RPS Class III or IV Lupus Nephritis

WILLIAM J MCCUNE (Int Med-Rheumatology)

With PATRICIA CAGNOLI (Int Med-Rheumatology); WENDY E

MARDER (Int Med-Rheumatology)

\$2,300 03/01/06 - 02/28/09

**General Electric Company**

LMC Rene N5 Castings

TRESA M POLLOCK (Materials Science & Engin.)

\$56,000 01/08/07 - 06/30/07

New High Temperature No Alloys

TRESA M POLLOCK (Materials Science & Engin.)

\$49,956 01/01/07 - 12/31/07

**General Motors Corporation**

General Motors/University of Michigan Engine Systems Research Collaborative Research (GM/UM ESR CRL) Unrestricted Grant

DIONISSIOS N ASSANIS (ME GM)

With HUEI PENG (ME GM)

\$72,000 11/15/02 - 12/31/07

Nanofluids for Next-Generation Vehicle Thermal Management

ALBERT J SHIH (Mechanical Engineering)

With KEVIN PATRICK PIPE (Mechanical Engineering)

\$25,000 01/01/07 - 12/31/07



**Genesee County**

## REACH 2010

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

\$124,857 10/01/06 - 09/30/07

REACH 2010 - Racial and Ethnic Approaches to  
Community HealthSUZANNE M SELIG (Flint Health  
Science & Admin)

\$36,571 10/01/06 - 09/30/07

**Georgia Institute of Technology**Middle Science Curriculum Materials: Meeting  
Standards and Fostering Inquiry through Project-  
Based Inquiry - SupplementJOSEPH S KRAJCIK (SOE-Educational  
Studies)

\$11,000 11/30/06 - 11/30/07

**GlaxoSmithKline (GSK)**A Double-Blind, Randomized, Placebo-  
Controlled Multi-Center, Phase II Parallel Dose-  
Ranging Study to Assess the Antifibrotic Activity  
of G1262570 in Chronic Hepatitis C Subjects with  
Hepatic Fibrosis Who Have Failed Prior Antiviral  
TherapyANNA SUK-FONG LOK (Int Med-  
Gastroenterology)

\$600 03/01/07 - 03/09/08

**Graves and Company**

## Health Risk Appraisals and Evaluation for Clients

DEE W EDINGTON (Health  
Management Research Ctr)

\$150,000 08/01/06 - 07/31/09

**Health and Human Services, Department of-  
Health Resources and Services Administration**Ryan White CARE Act Title III Early  
Intervention ServicesPOWEL H KAZANJIAN (Int Med-  
Infectious Diseases)With SANDRO KURT CINTI (Int  
Med-Infectious Diseases); DANIEL  
RICHARD KAUL (Int Med-Infectious  
Diseases); JAMES RIDDELL IV (Int  
Med-Infectious Diseases)

\$3,087,875 01/01/07 - 12/31/11

**Health and Human Services, Department of-  
National Institutes of Health**GLUT4 Determines Vascular Responses in  
HypertensionFRANK C BROSIUS III (Int Med-  
Nephrology)

\$1,620,000 01/01/07 - 01/31/12

Control of NF-kB and Inflammation by COMMD  
ProteinsEZRA BURSTEIN (Int Med-  
Gastroenterology)

\$872,480 02/01/07 - 01/31/11

Improving Psychosocial Treatment for Perinatal  
DepressionHEATHER A FLYNN (Psychiatry  
Department)

With JOSEPH ALAN HIMLE

(Psychiatry Department); HEATHER  
ANN O'MAHEN (Dbn CASL-  
Psychology)

\$615,600 03/01/07 - 02/28/10

## Oxidative Thiol Modifications of Aging

URSULA H JAKOB (LSA  
Molec./Cell./Develop. Bio)

\$1,393,672 12/01/06 - 01/31/12

Negative Regulation of Innate Immune Responses  
Through MAPK PhosphatasesKEITH L KIRKWOOD (Periodontics and  
Oral Medicine)

\$1,700,299 02/01/07 - 01/31/12

## Religion, Aging, and Mexican American Health

NEAL M KRAUSE (Hlth Behavior &  
Hlth Ed Dept)

\$1,765,705 03/01/07 - 02/28/11

Selective Modulation of Cancer Immunity and  
AutoimmunityYANG LIU (General Surgery Section)  
With PAN ZHENG (Surgery

Department)

\$1,014,882 02/01/07 - 01/31/11

Early Detection and Prognosis of Patients With  
Hepatocellular CarcinomaJORGE A MARRERO (Int Med-  
Gastroenterology)

\$152,000 04/01/07 - 03/31/09

Measuring the Effect of Aging on Perceptions and Behavior

DANIEL L MCFADDEN (SRC-Hrs)  
\$597,991 09/15/06 - 08/31/08

Genomic Approach to Vaccine Design for Proteus Mirabilis

HARRY L T MOBLEY (Microbiology and Immunology)  
\$96,472 02/01/07 - 01/31/09

Mechanisms That Determine Subcellular Sites of HIV-1 Assembly

AKIRA ONO (Microbiology and Immunology)  
\$1,341,075 02/15/07 - 01/31/12

Adapted Neuropsychological Assessment in Children with Cerebral Palsy

SETH A WARSCHAUSKY (Physical Medicine & Rehab Dept)  
\$424,417 02/18/07 - 01/31/09

Inositol Lipid Regulation of Membrane Fusion and Fission

LOIS S WEISMAN (Life Sciences Institute-Admin)  
\$106,375 01/01/06 - 01/31/08

Deferoxamine Therapy for Intracerebral Hemorrhage

GUOHUA XI (Neurosurgery)  
With JULIAN T HOFF (Neurosurgery); RICHARD F KEEP (Neurosurgery)  
\$1,830,972 03/01/07 - 02/28/11

#### **Healthmedia, Inc.**

Improving Prevention Delivery Using an Interactive Information Technology System (PreventIT)

MICHAEL D FETTERS (Department of Family Medicine)  
With DONALD E NEASE JR (Department of Family Medicine)  
\$49,992 10/01/06 - 06/30/07

#### **Higher Education for Development**

UMD - University of Garyounis Partnership  
AARON AHUVIA (Dbn School of Management)

With MOHAMED ELHADI BAYOU (Dbn School of Management);  
BRUCE ORVAL BUBLITZ (Dbn School of Management)  
\$294,586 01/22/07 - 09/30/09

#### **IMRA America, Inc.**

NSF: IUCRC Industry Sponsorship (Yr 3)  
JYOTIRMOY MAZUMDER (CoE Claims Lab)  
\$30,000 01/01/07 - 12/31/07

#### **INC Research, Inc**

A Multi-Site, Cross-Sectional, Non-Treatment, Prospective Trial to Collect Biofluids and Neuropsychiatric Data From Cognitively Normal Elderly Subjects

BRUNO J GIORDANI (Psychiatry-Neuropsychology)  
\$13,695 02/15/07 - 12/31/08

#### **Indiana, State of Department of Administration**

Project IDEAL State Membership - 2006-2007: Indiana

JEROME JOHNSTON (RCGD-Communication/Education)  
\$15,732 10/01/06 - 09/30/07

#### **Innovative BioTherapies**

Recharge - Industry of the University of Michigan Dental School Histology and Molecular Biology Cores  
CHARLOTTE M MISTRETTA (Office of Research - Dentistry)  
\$425 07/01/05 - 06/30/07

#### **Inspire Pharmaceuticals, Inc.**

Efficacy and Safety Study of Denufosol Tetrasodium (INS37217) Inhalation Solution in Patients with Mild Cystic Fibrosis Lung Disease  
SAMYA Z NASR (Pediatrics-Pulmonary Medicine)  
\$48,800 10/19/06 - 10/31/08

**International Association for the Study of Pain (IASP)**

John J. Bonica Trainee Fellowship  
JON K ZUBIETA (Molecular & Behav  
Neurosc Inst)  
\$35,000 12/18/06 - 12/17/07

**International Business Machines Corporation**

III-V on Si Electronics  
STEPHEN R FORREST (CoE EECS-  
Ssel)  
\$60,000 01/01/07 - 12/31/09

**Jefferson East Business Association**

Grantee Support MI AmeriCorps Partnership -  
2006-08  
MARGARET E DEWAR (Community  
Service Learning)  
\$4,625 09/01/06 - 05/31/08

**Jet Propulsion Laboratory**

Interdisciplinary Scientist (IDS) for the Cassini  
Interdisciplinary Magnetosphere and Plasma  
Investigation: Mission Operations and Data  
Analysis (MO&DA) Efforts  
TAMAS I GOMBOSI (Space Physics  
Research Lab)  
\$305,000 10/01/06 - 09/30/07

**Knight, James A. and Faith, Foundation**

Centering Pregnancy: A Nursing Model for  
Prenatal Groups  
P ELAINE MCINTOSH (School of  
Nursing)  
\$10,000 12/18/06 - 12/17/07

**Korea Foundation**

Korean Collections at Asia Library II  
YUNAH SUNG (University Library)  
\$150,000 07/01/06 - 06/30/11

**Krell Institute**

Stewardship Sciences Workforce Development  
Graduate Fellow  
BRADFORD G ORR (LSA Applied  
Physics)  
\$1,000 10/06/06 - 10/05/07  
DoE Fellowships (Computational Science)  
KENNETH G POWELL (CoE Ctr for  
Advanced Computing)  
\$2,499 09/01/06 - 08/31/07

**Los Alamos National Laboratory**

Understanding Stormtime Ring Current Sources  
through Data-Theory Comparisons  
MICHAEL WARREN LIEMOHN (Space  
Physics Research Lab)  
\$37,753 10/01/06 - 09/30/07

**LVad Technology, Inc.**

Recharge - Industry Users of the University of  
Michigan Dental School Histology and Molecular  
Biology Cores  
CHARLOTTE M MISTRETTA (Office of  
Research - Dentistry)  
\$93 07/01/05 - 06/30/07

**Mayaterials Company**

Transparent Glass Fiber Reinforced Armor  
JINSANG KIM (Materials Science &  
Engin.)  
\$21,000 12/15/06 - 06/15/07

**MedArray, Inc.**

Long Term Extracorporeal Blood Oxygenating  
Devices  
KEITH E COOK (General Surgery  
Section)  
With ROBERT HAWES BARTLETT  
(General Surgery Section)  
\$100,388 09/01/06 - 08/31/07

**Mellon, Andrew W., Foundation**

Case Studies and the Effective Management of  
University Digital Records  
FRANCIS X BLOUIN JR (Bentley  
Historical Library)  
With NANCY MARIE DEROMEDI  
(Bentley Historical Library)  
\$29,600 01/01/07 - 06/30/08

Crossing the Diag / Arts and Knowledge  
Fellowship

DANIEL ALAN HERWITZ (LSA  
Humanities Institute)  
\$336,000 01/01/07 - 12/31/10

**Merck and Company, Inc.**

Effect of Gamma Secretase Inhibitor MRK003-  
ONC and Taxotere on Breast Cancer Stem Cells  
MAX S WICHA (Int Med-  
Hematology/Oncology)  
With GABRIELLA DONTU (Int  
Med-Hematology/Oncology)  
\$529,580 03/01/07 - 02/28/09

**Michigan Campus Compact**

Students ACT! - Accessing College through Theatre

CHARLES C BRIGHT (LSA UG:  
Residential College)  
\$39,780 01/01/07 - 08/01/09

**Michigan Fitness Foundation**

Michigan Steps Up Youth Leadership and Advocacy Summit Evaluation

MARC A ZIMMERMAN (Hlth Behavior & Hlth Ed Dept)  
\$12,000 10/01/06 - 08/31/07

**Michigan Humanities Council**

Arts and Humanities Radio and Television Project

JENNIFER BETH WHITE (Michigan Television)  
With JONATHAN R HOBAN  
(Michigan Radio)  
\$79,000 10/01/06 - 09/30/07

**Midwest Thermal Spray, Inc.**

STTR Phase1: A Novel Hybrid Spray Coating Process for Nanoparticulate Metallic Coatings  
PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)

\$83,498 01/01/07 - 12/31/07

**Mott, Ruth Foundation**

Lyrical(ly) Living History: French Canadian Folkloric Traditions Tap into Mid-Michigan

MATTHEW ALAN HILTON-WATSON  
(Flint-Internat. Student Center)  
With ANJILI BABBAR (Flint English)  
\$11,935 03/01/07 - 03/31/07

**Muse Technologies**

Laboratory Mouse Identification and Inventory Control

DAVID T BURKE (Human Genetics Department)  
With F CLAIRE HANKENSON (Lab Animal Medicine Unit)  
\$50,000 02/01/07 - 01/31/08

**NanoOpto Corporation**

Develop Roll-To-Roll Nanoimprint Technology To Fabricate Wire-Grid Polarizers On Flexible Substrates

LINGJIE J GUO (CoE EECS-Ssel)  
\$21,430 11/01/06 - 01/31/07

**National Academy of Sciences**

Development of Analysis Methods Using Recent Data: A Multivariate Analysis of Crash and Naturalistic Event Data in Relation to Highway Factors Using the GIS Framework

TIMOTHY J GORDON (UMTRI-Engineering Research)  
With DAVID JAMES LEBLANC  
(UMTRI-Engineering Research)  
\$100,000 02/05/07 - 05/04/09

**National Aeronautics and Space****Administration**

Cassini Huygens Gas Chromatograph Mass Spectrometer Science Support

SUSHIL K ATREYA (Atm, Oceanic & Space Sci.)  
\$100,000 11/01/06 - 10/31/07

Studies of Tenuous Planetary Atmospheres

MICHAEL R COMBI (Space Physics Research Lab)

With KENNETH CALVIN HANSEN  
(Space Physics Research Lab)  
\$60,000 01/08/07 - 01/07/08

The Comprehensive Corona and Heliosphere Model (CCHM)

TAMAS I GOMBOSI (Space Physics Research Lab)  
With WARD B MANCHESTER IV  
(Space Physics Research Lab);  
GABOR TOTH (Space Physics Research Lab)  
\$525,000 01/01/07 - 12/31/11

Particle Precipitation into and Particle Escape from the Mars Thermosphere and Exosphere

MICHAEL WARREN LIEMOHN (Space Physics Research Lab)  
With STEPHEN W BOUGHER  
(Space Physics Research Lab)  
\$299,346 01/23/07 - 01/22/10

**National Alliance for Autism Research**

Katherine Gotham NAAR Fellowship

CATHERINE LORD (UM Autism & Comm Disorders Ctr)  
\$56,000 01/01/07 - 12/31/09

**National Endowment for the Humanities**

Nineteenth Century British Literature and the  
Problem of Thinking About Others

ADELA N PINCH (LSA English

Language & Lit.)

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

**National Science Foundation**

Hybridization Between Howler Monkeys in  
Mexico: Genetic and Morphological  
Characterization

LILIANA CORTES-ORTIZ (LSA

Zoology Museum)

\$194,997 02/01/07 - 01/31/10

Comparative Phylogeography of 12 Widespread  
Tropical Rainforest Tree Species

CHRISTOPHER WILLIAM DICK (LSA

Ecology & Evolutionary Bio)

\$489,521 02/01/07 - 01/31/10

Collaborative Research: A Holistic Assessment of  
the Ethical Development of Engineering  
Undergraduates

CYNTHIA J FINELLI (CoE Assoc Dean  
Academic Affair)

With ERIC L DEY (SOE-CSHPE);

PATRICIA M KING (SOE-CSHPE)

\$548,181 03/01/07 - 02/28/11

Third International Conference on e-Social  
Science

THOMAS A FINHOLT (SI Crew)

\$99,835 02/15/07 - 01/31/08

Grant Transfer from Princeton University:

ORGANICS/GOALI: Organic/Inorganic Hybrid  
Semiconductor Memories

STEPHEN R FORREST (CoE EECS-  
Ssel)

\$85,250 12/01/06 - 08/31/07

CAREER Self-Signaling and Signal Amplifying  
Conjugated Polymer Biosensors and Sensory  
Arrays

JINSANG KIM (Materials Science &  
Engin.)

\$430,000 05/01/07 - 04/30/12

IPA Extension Agreement for Pinaki Mazumder

PINAKI MAZUMDER (CoE EECS-Rtcl)

\$203,853 01/02/07 - 01/01/08

Bat Diversity and Ecological Function in the  
Coffee Agroecosystem of Chiapas Mexico

IVETTE PERFECTO (Sch of Nat  
Resources & Environ)

\$10,000 10/01/06 - 09/30/08

Intergovernmental Personnel Act (IPA)

WILLIAM W SCHULTZ (Mechanical  
Engineering)

\$199,004 09/05/06 - 09/04/07

GeoFrame: A Science Workshop on the Western  
Superswath (Cascadia-Northern Rockies-Black  
Hills)

BEN A VAN DER PLUIJM (LSA  
Geological Sciences)

\$59,893 02/15/07 - 01/31/08

Genetic Basis of Pigmentation Evolution in  
Drosophila

PATRICIA JEAN WITTKOPP (LSA  
Ecology & Evolutionary Bio)

\$450,000 02/01/07 - 01/31/10

**North Carolina A & T State University**

ONR Ph.D. Fellowship Program-Bowen

JAMIE DEAN PHILLIPS (CoE EECS-  
Ssel)

\$26,409 11/01/06 - 06/30/07

**nScript**

Direct Write Light Emitting Arrays for Display on  
Flexible Conformable Surfaces

NICHOLAS KOTOV (Chemical  
Engineering Dept)

\$38,972 09/01/06 - 06/15/07

**Oakland University**

Concordance of Clinical and Quality of Life  
Measures

NANCY K JANZ (Hlth Behavior & Hlth  
Ed Dept)

With KENNETH E GUIRE

(Biostatistics Department); DAVID C  
MUSCH (Ophthalmology & Visual  
Science)

\$104,783 09/01/06 - 04/30/07

**Pfizer, Inc.**

Graduate Student Internship Program

VIJAYAN N NAIR (LSA Statistics)

\$15,932 01/01/07 - 04/30/07

**Physical Sciences, Inc.**

Rapid Road Edge Detection Based On  
Biomimetic Image Processing  
DAVID JAMES LEBLANC (UMTRI-  
Engineering Research)  
With PAUL A GREEN (UMTRI-  
Human Factors)  
\$120,000 12/01/06 - 08/29/08

**Prostate Cancer Foundation**

Primary Prostate Cancer Genetically Reconfigures  
CD11b+ PBMCs to Promote Metastasis  
ROBERT DOUGLAS LOBERG (Int  
Med-Hematology/Oncology)  
\$100,000 02/01/07 - 01/31/08

A Proposal to Accelerate the Treatment of  
Prostate Cancer Bone Metastases: Credentialing  
of Agents in Preclinical Models to the Target the  
Lethal Phenotype

KENNETH J PIENTA (Int Med-  
Hematology/Oncology)  
\$400,000 01/01/07 - 12/31/08

Prostate Cancer Parasitism of the Stem Cell Niche  
RUSSELL S TAICHMAN (Periodontics  
and Oral Medicine)  
\$99,935 02/01/07 - 01/31/08

**Sandia National Laboratories**

Trucks Involved in Fatal Accidents: Supplemental  
Data  
JOHN WOODROOFFE (UMTRI-Transp.  
Safety Analysis)

With DANIEL F BLOWER (UMTRI-  
Transp. Safety Analysis)  
\$55,988 02/01/07 - 12/31/07

**Semiconductor Research Corporation**

Feasibility Study of a Compact and Efficient 120-  
W EUB Source for Production-Worth EIV  
Lithography  
ALMANTAS GALVANAUSKAS (CoE  
EECS-Usl)

\$80,000 02/01/07 - 01/31/08

**Sonetics Ultrasound, Inc.**

Evaluation of Prototype Ultrasound Arrays from  
Sonetics Ultrasound, Inc.

J BRIAN FOWLKES (Radiology  
Department)  
\$74,921 04/01/07 - 06/30/08

Technology Development for a Portable Real-  
Time 3D Ultrasound Unit (U of M Subcontractor)  
J BRIAN FOWLKES (Radiology  
Department)

With PAUL L CARSON (Radiology  
Department); OLIVER DANIEL  
KRIPFGANS (Radiology Department)  
\$239,927 01/01/07 - 06/30/08

**Southeastern Village**

Grantee Support MI AmeriCorps Partnership -  
2006-08

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

**Southern Illinois University Medical School**

Stress in Mutant and CR Mice

RICHARD A MILLER (Pathology  
Department)  
\$66,880 09/01/06 - 08/31/07

**Space Telescope Science Institute**

The Gas Dissipation Timescale: Constraining  
Models of Planet Formation

EDWIN ANTHONY BERGIN (LSA  
Astronomy)  
\$50,544 01/01/07 - 12/31/08

Measuring the Shape and Orientation of the  
Galactic Dark-Matter using Hypervelocity Stars

OLEG Y GNEDIN (LSA Astronomy)  
\$14,013 01/01/07 - 12/31/08

**Spectral Sciences, Inc.**

Efficient Simulation of Plume Flows

IAIN D BOYD (Aerospace Engineering)  
\$20,000 02/01/07 - 07/31/07

**Steelcase, Inc.**

Integration of LCA (Life Cycle Assessment)  
Elements into Early-Stage Product Development  
at Steelcase

GREGORY A KEOLEIAN (Sch of Nat  
Resources & Environ)  
\$50,000 12/01/06 - 05/31/08

Product Environmental Profiles at Steelcase

GREGORY A KEOLEIAN (Sch of Nat  
Resources & Environ)  
\$4,000 11/01/06 - 04/30/07

**T/J Technologies, Inc.**

Metal Organic Framework Supported Early Transition Metal Carbide Adsorbents

LEVI T THOMPSON JR (Chemical Engineering Dept)

\$445,028 12/01/06 - 04/30/08

**Terumo Cardiovascular Systems**

Terumo Cardiovascular System Minimally Invasive Surgery

KEITH E COOK (General Surgery Section)

With JONATHAN W HAFT (Cardiac Surgery Section)

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

**The Center to Protect Workers' Rights**

Development of Design Interventions for Preventing Falls

THOMAS J ARMSTRONG (Center for Ergonomics)

With JAMES A ASHTON-MILLER (Center for Ergonomics)

\$29,960 03/01/07 - 09/30/07

**Therogene Inc.**

A Phase I Open Label Pilot Study to Obtain Tissue for Histological Analysis after Application of Anginera in Adults with a Left Ventricular Assist Device as a Bridge to Transplant

FRANCIS D PAGANI (Cardiac Surgery Section)

With KEITH D AARONSON (Int Med-Cardiology)

\$59,800 02/01/07 - 12/31/07

**Transportation, Department of-Federal Motor Carrier Safety Administration**

Review and Assessment of Truck/Driver Contributions to Fatal Truck Crashes Using TIFA Resources

DANIEL F BLOWER (UMTRI-Transp. Safety Analysis)

With JOHN WOODROOFFE (UMTRI-Transp. Safety Analysis)

\$24,834 01/26/07 - 04/30/07

Assessment of the Commercial Motor Vehicle Industry Deployment of On-board Safety and Security Systems

JOHN WOODROOFFE (UMTRI-Transp. Safety Analysis)

With DANIEL F BLOWER (UMTRI-Transp. Safety Analysis); PAUL ERIC GREEN (UMTRI-Transp. Safety Analysis)

\$396,474 02/02/07 - 12/01/08

**Transportation, Department of-National Highway Traffic Safety Administration**

Behavioral, Technology, and Human Factors Research

DAVID W EBY (UMTRI-Social & Behav Analysis)

With C RAYMOND BINGHAM (UMTRI-Social & Behav Analysis); DANIEL F BLOWER (UMTRI-Transp. Safety Analysis); PAUL A GREEN (UMTRI-Human Factors); LIDIA P KOSTYNIUK (UMTRI-Social & Behav Analysis); DAVID JAMES LEBLANC (UMTRI-Engineering Research); MATTHEW PAUL REED (UMTRI-Biosciences); LAWRENCE W SCHNEIDER (UMTRI-Biosciences); JEAN T SHOPE (UMTRI-Social & Behav Analysis); JOHN M SULLIVAN (UMTRI-Human Factors)

\$0 02/06/07 - 02/05/10

**UAW-General Motors Corporation**

Fatigue, Discomfort and Musculoskeletal Disorders Associated with Standing and Walking

ROBERT A WERNER (Physical Medicine & Rehab Dept)

With WILLIAM M KEYSERLING (Center for Ergonomics); BERNARD J MARTIN (Center for Ergonomics)

\$1,273,950 02/01/07 - 01/31/09

**University of Arkansas for Medical Sciences**

Defining and Classifying Diseases and Risks Linked to Childhood Obesity

MATTHEW M DAVIS (Pediatrics-Ambulatory Care Pgm)

\$87,315 12/01/06 - 11/30/07

**University of California - Davis**

Clinical Decision Rule to Identify Children with  
Intra-Abdominal Injuries

DOMINIC A BORGIALLI (Emergency  
Medicine Admin)

With RACHEL M STANLEY  
(Emergency Medicine Admin)

\$33,115 09/01/06 - 08/31/07

**University of Colorado**

MTF Data Services

JOHN E SCHULENBERG (SRC-Mtf)

\$1,134 01/01/07 - 12/31/07

**University of Massachusetts**

An Observational Descriptive Study of IRB  
Practices

PETER A UBEL (Int Med-General  
Medicine)

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

**University of Texas**

Proj 5 BCR-ABL Dependent & Independent  
Mechanisms of Imatinib Mesylate Resistance

MOSHE TALPAZ (Int Med-  
Hematology/Oncology)

With NICHOLAS J DONATO (Int  
Med-Hematology/Oncology)

\$106,847 09/15/06 - 02/28/07

**University of Utah**

Research Center of Excellence in Public Health  
Informatics

JAMES S KOOPMAN (Epidemiology  
Department)

\$68,833 08/01/06 - 07/31/07

**University of Washington**

Controlled Trial of Venlafaxine XR for  
Depression after SCI:: A Multi-Site Study

DENISE G TATE (Physical Medicine &  
Rehab Dept)

With ANTHONY E CHIDO  
(Physical Medicine & Rehab Dept);  
CLAIRE Z KALPAKJIAN (Physical  
Medicine & Rehab Dept);

ELIZABETH A YOUNG (Psychiatry  
Department)

\$166,328 12/01/06 - 11/30/07

**Various Sponsors**

Vector Core Expendable Restricted Fund

Recharge Account-External Sources

BLAKE J ROESSLER (Center for Gene  
Therapy)

\$205,766 01/01/06 - 12/31/08

**Warren/Conner Development Coalition**

Grantee Support MI AmeriCorps partnership -  
2006-08

MARGARET E DEWAR (Community  
Service Learning)

\$3,300 09/01/06 - 05/31/08

**Washington University**

MTF Data Services

JOHN E SCHULENBERG (SRC-Mtf)

\$2,249 01/01/07 - 12/31/07