

AWARDS PROCESSED
 Research and Other Sponsored Activities
 January 1, 2008 through January 31, 2008

Received by the Regents
 February 14, 2008

The awards detailed in this list were processed January 1, 2008 through January 31, 2008. 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 2007	Number of Awards FY 2008	% Change	Value of Awards FY 2007	Value of Awards FY 2008	% Change
Total Awards Processed (January)	183	144	(21.3%)	\$43,965,864	\$29,281,489	(33.4%)
Research Awards	128	99	(22.7%)	\$36,783,407	\$27,769,606	(24.5%)
Research Training	6	3	(50.0%)	\$227,700	\$186,318	(18.2%)
Other Sponsored Activity	49	42	(14.3%)	\$6,954,757	\$1,325,565	(80.9%)
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Total Awards Processed Fiscal Year to Date	1,457	1,570	7.8%	\$458,935,079	\$583,724,369	27.2%
Research Awards	1,083	1,135	4.8%	\$393,695,203	\$535,132,478	35.9%
Research Training	71	79	11.3%	\$27,742,361	\$21,550,520	(22.3%)
Other Sponsored Activity	303	356	17.5%	\$37,497,515	\$27,041,371	(27.9%)

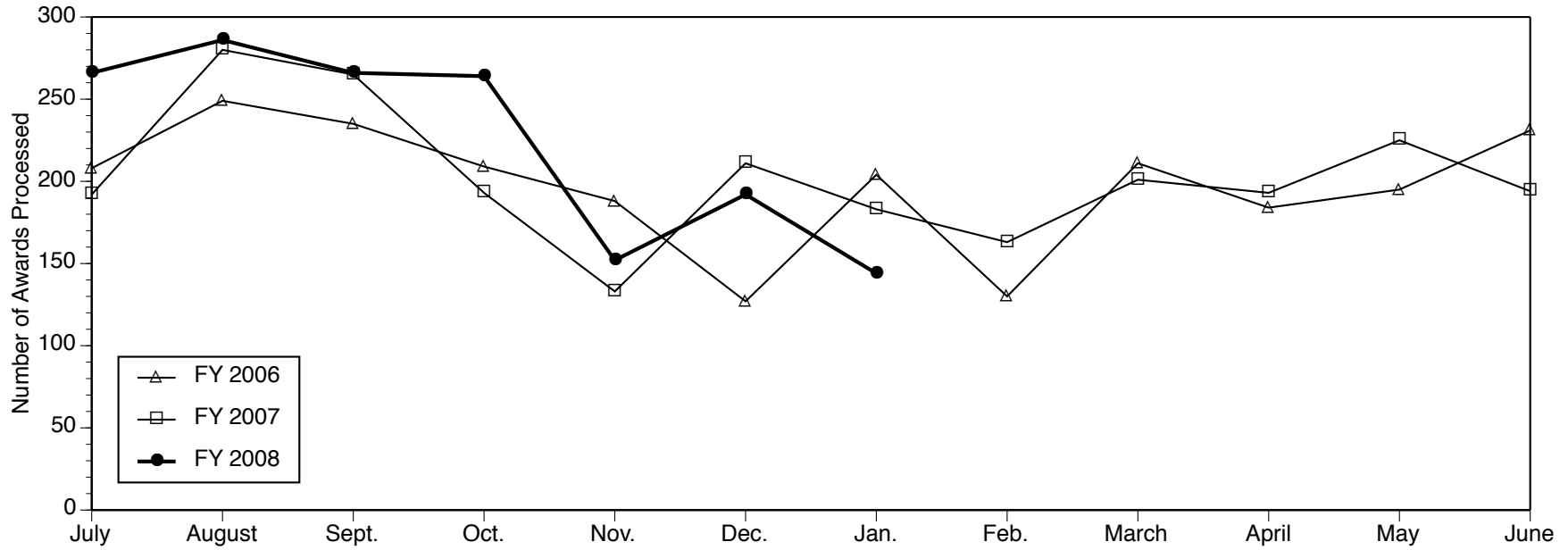
January award activity continues a softening trend that began in December particularly in dollar values. However, the FY2008 year-to-date values and numbers remain strong when compared with FY2007 because of large awards received earlier in FY2008.

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

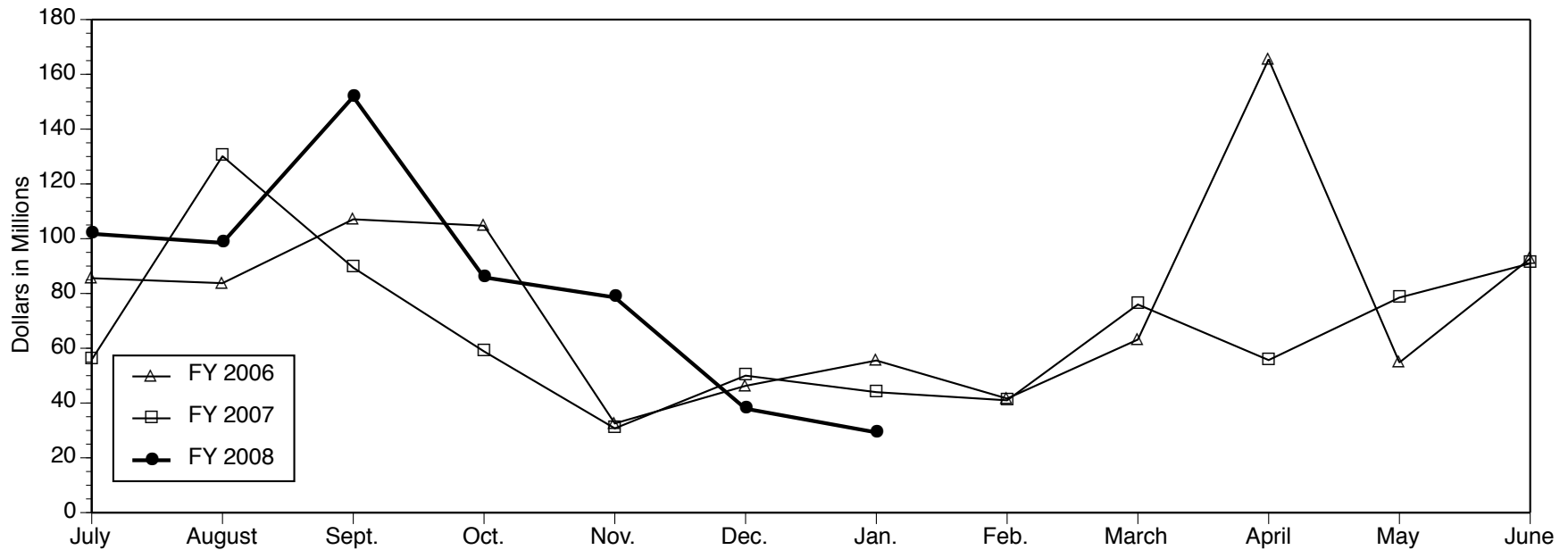
	Federal Expendable Restricted	Other Funds	Total Expenditures
December 2007	\$309,400,624	\$116,799,659	\$426,200,283
December 2006	\$291,068,283	\$99,467,081	\$390,535,364
Percent Change	6.3%	17.4%	9.1%

Data Source: Division of Research Development and Administration

Number of Awards Processed



Dollar Value of Awards Processed



Data Source: Division of Research Development and Administration

**PROJECTS ESTABLISHED FOR
RESEARCH AND OTHER SPONSORED ACTIVITIES**

January 1, 2008 through January 31, 2008

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
Multicultural Engin Pgm Of)
\$179,946 09/01/07 - 08/31/08

Abbott Laboratories

Characterization of Zemplar and Calcitriol
Efficacy in Cardiac Dysfunction in SHHF Rat
ROBERT U SIMPSON (Pharmacology
Department)
\$129,870 01/09/08 - 07/09/09

American Chemical Society

Nicker-Catalyzed Polymerizations: Mechanistic
Studies and New Reaction Development
ANNE JENNIFER MCNEIL (LSA
Chemistry)
\$50,000 01/01/08 - 08/31/10

**American College of Rheumatology Research
and Education Foundation**

ACR/REF Rheumatology Fellowship Training
Award
RORY MARCUS MARKS (Int Med-
Rheumatology)
\$25,000 07/01/08 - 06/30/09

American Diabetes Association, Inc.

Lipodystrophy and Insulin Resistance:
Mechanisms of TZD Action
RICHARD M MORTENSEN (Molec &
Integrative Physiology)
\$300,000 01/01/08 - 12/31/10

Molecular Mechanisms of Oxidative Stress and
Cardiac Neuropathy in Metabolic Syndrome
RODICA POP-BUSUI (Metabolism, Endo
& Diabetes)
With SUBRAMANIAM
PENNATHUR (Int Med-Nephrology);
DAVID M RAFFEL (Radiology-
Nuclear Medicine)
\$600,000 01/01/08 - 12/31/10

**American Society for Gastrointestinal
Endoscopy**

Sheathed vs. Standard Forceps: Does it Matter for
Obtaining Uncontaminated Biopsy Specimen of
Microbiota from the Terminal Ileum?
PETER DOYLE HIGGINS (Int Med-
Gastroenterology)
\$20,000 01/01/08 - 06/30/09

American Society of Clinical Oncology

Journal of Oncology Practice, Published by the
American Society of Clinical Oncology
DOUGLAS W BLAYNEY (Int Med-
Hematology/Oncology)
\$60,000 06/01/08 - 05/31/10

**Amyotrophic Lateral Sclerosis Association
(ALS)**

A Randomized Crossover Study of Standard
NIPPV and Low Expiratory Pressure NIPPV in
ALS
KIRSTEN L GRUIS (Neurology
Department)
\$20,000 01/01/08 - 01/01/10

Ann Arbor Area Community Foundation

Healthy Lifestyles for Older Adults
CAROLYN C WHITE (Geriatrics Social
Work)
\$9,000 12/27/07 - 12/26/08

Anthera Pharmaceuticals Inc

Phospholipase Levels and Serological Markers of
Atherosclerosis "PLASMA" Study Samples for
Research Assay: Clinical Laboratory Services

DANIEL S MCCONNELL (Epidemiology
Department)

\$508,466 07/01/07 - 10/31/08

Array BioPharma

Test the Efficacy of Pharmacological Inhibitors of
Inflammatory Pathways

CORY M HOGABOAM (Pathology
Department)

\$63,872 07/01/07 - 06/30/08

Aurora Organic Dairy

Charting the Course for Sustainability at Aurora
Organic Dairy Phase 1 Energy and Carbon
Footprint Analysis and Phase 2 Life Cycle Based
sustainability Indicators and Assessment.

GREGORY A KEOLEIAN (Sch of Nat
Resources & Environ)

\$171,751 12/01/07 - 04/30/10

Baxter Healthcare Corporation

Prospective Advate ITI Registry- PAIR

STEVEN W PIPE (Pediatrics-
Hematology/Oncology)

With PAULA L BOCKENSTEDT (Int
Med-Hematology/Oncology)

\$5,989 12/19/07 - 12/18/10

Bernhard Osher Foundation

Osher Lifelong Learning Institute at the
University of Michigan: Expanding and
Improving the Opportunities for Lifelong
Learning in the Community

DARLENE KNAPP RACZ (Geriatrics
Social Work)

With RUTH E DUNKLE (School of
Social Work)

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

BioMechanics Advanced

Recharge: Transportation Data Center

CHARLES P COMPTON (UMTRI-Data
Center)

\$362 08/27/07 - 08/26/12

**Biotechnology Research and Development
Corporation**

Zinc-Finger-Nuclease-Mediated Resistance to
Plant Viruses

TZVI TZFIRA (LSA
Molec./Cell./Develop. Bio)

\$41,185 01/01/08 - 03/31/08

Blue Cross Blue Shield of Michigan

Population-Based Health Intervention Model

DEE W EDINGTON (Health
Management Research Ctr)

\$150,000 11/19/07 - 10/31/09

Cascade Designs, Inc

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$1,800 03/01/07 - 02/28/12

Centocor, Inc.

GI Fellow Educational Support

ELLEN MARY ZIMMERMANN (Int
Med-Gastroenterology)

\$7,500 02/01/08 - 01/31/09

Chiltern International Inc.

Procurement of Blood Samples for Use in the
Development of a Gastrointestinal Disease Test
Panel

WILLIAM D CHEY (Int Med-
Gastroenterology)

\$35,950 01/08/08 - 12/31/08

COMBI USA

Recharge: Child Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$8,955 03/01/07 - 02/28/12

Consumers Energy Foundation

The Environment Report

MARK THOMAS BRUSH (Michigan
Radio)

\$5,000 02/01/08 - 06/30/08

Corporation for Public Broadcasting

Ready to Learn Station Transition Initiative

JENNIFER BETH WHITE (Michigan
Television)

\$15,000 10/01/07 - 09/30/08

Dartmouth College

Dartmouth Atlas Update on Breast Procedures
AMY K ALDERMAN (Plastic Surgery
Section)

\$26,973 04/01/07 - 03/31/08

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

Assessment of an Approximate Acoustic
Uncertainty Technique for Underwater
Environments

DAVID R DOWLING (Mechanical
Engineering)

\$80,000 01/01/08 - 12/31/08

Integration and Interactions Among Cognitive
Architecture Learning Modules

JOHN E LAIRD (CoE EECS-AI)

\$675,000 01/08/08 - 01/07/11

Sorbent Development for Desulfurization of Navy
Fuels

RALPH T YANG (Chemical Engineering
Dept)

\$132,543 12/21/07 - 12/20/08

DEKA Research and Development Corp

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$6,050 03/01/07 - 02/28/12

Delcross Technologies, LLC

Antennas Mounted on Re-Entry Vehicles
Engulfed in Plasmas

ERIC MICHIELSEN (CoE EECS-Rad)

\$394,528 11/01/07 - 10/31/09

Electric Power Research Institute (EPRI)

Cardiopulmonary Toxicity Induced by Ambient
Particulate Matter: Inhalation Toxicology Studies
Using a Mobile Particle Concentrator in Regions
Dominated by Power Plant and Mobile Source
Emissions

GERALD J KEELER (Environmental
Health Sciences)

With JOSEPH T DVONCH

(Environmental Health Sciences);

FRANK JOSEPH MARSIK (Space
Physics Research Lab)

\$130,884 09/01/06 - 06/30/09

Epilepsy Research Foundation

Role of Sodium Channel SCN1B Subunits in
Pediatric Epilepsy

LORI L ISOM (Pharmacology
Department)

\$75,000 01/01/08 - 12/31/09

Role of Adult Neurogenesis in Hippocampal
Remodeling and Hyperexcitability During
Pilocarpine-Induced Epileptogenesis

JACK M PARENT (Neurology
Department)

\$20,000 07/01/08 - 06/30/09

Evigia Systems

Recharge - Chemical Engineering Clean Room

MARK A BURNS (Chemical Engineering
Dept)

\$172 11/01/07 - 12/31/08

EVS Limited

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$2,000 03/01/07 - 02/28/12

Federal Reserve System

Household Financial Behavior - 2008

RICHARD T CURTIN (SRC-Surveys of
Consumers)

\$56,724 01/01/08 - 12/31/09

Freedom Designs

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$8,318 03/01/07 - 02/28/12

FriCSo, Inc.

Improving Stamping Die Performance Through
Polymer Lapping Process

PATRICK CRAIG HAMMETT (UMTRI-
Automotive Analysis Div.)

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

Full Spectrum Solutions, Inc.

Sustainable Design Research Laboratory

MOJTABA NAVVAB (Coll of Arch &
Urban Planning)

\$240,000 01/01/08 - 12/31/09

Future Mobility Healthcare, Inc

Recharge: Wheelchair Restraint Testing
LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$4,000 03/01/07 - 02/28/12

General Motors Corporation

Virtual Simulated Work Environment Part
Handling Feasibility Study
MATTHEW PAUL REED (Center for
Ergonomics)

\$85,187 01/01/08 - 12/31/08

HAMZTEC, LLC

Awareness Enhancement and Monitoring Device
for Treatment of Trichotillomania
JOSEPH ALAN HIMLE (School of Social
Work)

\$9,642 08/15/07 - 02/14/08

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

IPA for Catherine Lord 2008
CATHERINE LORD (UM Autism &
Comm Disorders Ctr)

\$5,173 02/29/08 - 02/28/09

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

Michigan Parkinson's Disease Clinical Center
KELVIN LIN-YU CHOU (Neurology
Department)

\$213,628 02/01/08 - 11/30/12

ASGE Imaging Workshop: Next Generation in
Endoscopic Imaging

GRACE H ELTA (Int Med-
Gastroenterology)

\$10,000 01/15/08 - 01/14/09

Robotic Orthoses for Gait Rehabilitation

DANIEL P FERRIS (Division of
Kinesiology)
With ANTHONY E CHIODO
(Physical Medicine & Rehab Dept);

TIMOTHY D JOHNSON
(Biostatistics Department)
\$351,688 02/01/08 - 01/31/10

Molecular Chaperones and Small Molecules

JASON EDWARD GESTWICKI (Life
Sciences Institute-Admin)

With ERIK R P ZUIDERWEG (LSA
Biophysics)

\$1,529,558 02/01/08 - 01/31/13

A Novel G Protein Signaling Pathway Controlling
Drosophila Cardiac Morphogenesis

ZHE HAN (Int Med-Molecular
Med&Genetics)

\$1,710,000 02/01/08 - 01/31/13

AASK COHORT STUDY: Research Supplement
to Promote Diversity in Health-Related Research

KENNETH A JAMERSON (Int Med-
Cardiology)

With TONYA LYNN CORBIN (Int
Med-Cardiology)

\$59,158 01/01/08 - 06/30/08

A Zebrafish Model for Studying Orbital
Development and Disease

ALON KAHANA (Ophthalmology &
Visual Science)

With DANIEL J GOLDMAN
(Biological Chemistry Dept)

\$1,029,481 01/01/08 - 12/31/12

Evaluation of Primates of Cocaine Esterase for the
Treatment of Cocaine Toxicity

MEI-CHUAN KO (Pharmacology
Department)

With JAMES H WOODS

(Pharmacology Department)

\$1,532,926 02/01/08 - 01/31/11

FDG-PET and V/Q SPECT Acquired During
Radiation to Predict Outcome in Lung Cancer

FENGMING P KONG (Radiation
Oncology - Ann Arbor)

With DOUGLAS A ARENBERG
(Internal Medicine Department); KIRK

A FREY (Radiology Department);

MARC L KESSLER (Radiation

Oncology - Ann Arbor); MORAND

RUEDIGER PIERT (Radiology

Department); RANDALL K TEN

HAKEN (Radiation Oncology - Ann

Arbor)

\$313,500 01/22/08 - 12/31/09

Structure of the Telomere Shelterin Complex
MING LEI (Biological Chemistry Dept)
\$1,423,069 02/01/08 - 01/31/13

Angiotensin II Signaling Through a Novel NF-kB
Pathway
PETER C LUCAS (Pathology
Department)
With LINDA M MCALLISTER-
LUCAS (Pediatrics-
Hematology/Oncology)
\$1,750,860 02/01/08 - 01/31/13

TLR and Notch Ligand in RSV-Induced Disease
NICHOLAS W LUKACS (Pathology
Department)
With STEVEN L KUNKEL
(Pathology Department); GABRIEL
NUNEZ (Pathology
Department)\$1,861,000 01/15/08 -
11/30/12

Amygdaloid Function in Fear Conditioning
STEPHEN A MAREN (LSA Psychology)
\$17,206 01/11/08 - 04/30/08

Neurogenetic Markers of SSRI
Treatment Response in Social Anxiety
Disorder
KINH LUAN DINH PHAN (Psychiatry-
ASAP)
\$536,714 12/01/07 - 05/31/11

Huntington Interacting Protein-1 (HIP1) and the
Promotion of Neoplasia
THEODORA S ROSS (Int Med-
Hematology/Oncology)
\$1,632,000 12/01/07 - 11/30/12

Investigating Compensatory Mechanisms for
Gene Expression in the Yeast Genome
PATRICIA JEAN WITTKOPP (LSA
Ecology & Evolutionary Bio)
\$141,318 02/01/08 - 01/31/11

ICON Clinical Research, Inc.
Clopidogral Optimal Loading Dose Usage to
Reduce Recurrent Events/ Optimal Antiplatelet
Strategy for Interventions - OASIS 7
ERIC R BATES (Int Med-Cardiology)
\$45,000 12/18/07 - 12/17/08

Protocol A1463110: A Comparative Study of
Chronic Hepatitis B Subjects Treated with
Entecavir Plus Tenofovir Combination Therapy vs
Entecavir Monotherapy in Adults who are
Treatment-Naive to Nucleosides and Nucleotides:
The BE-LOW Study
ANNA SUK-FONG LOK (Int Med-
Gastroenterology)
\$26,635 07/01/07 - 08/06/11

Impax Laboratories, Inc.
A Double-Blind, Randomized, Placebo and
Active Comparator-Controlled, Parallel Group,
Multinational Study to Evaluate the
Pharmacokinetics and Pharmacodynamics of
IPX056 in Subjects with Established Spasticity
Resulting from Multiple Sclerosis
DANIEL D MIKOL (Neurology
Department)
\$775 05/01/07 - 09/30/08

Intelligent Prosthetic Systems
Inertial Sensing of Human Motion
ARTHUR D KUO (Mechanical
Engineering)
\$60,000 09/01/07 - 08/31/08

Interior, Department of the
Great Lakes Research Initiative: Building a New
Cohort of Research Investigators
DONALD SCAVIA (Sch of Nat
Resources & Environ)
\$25,000 11/01/07 - 06/30/09

**International Truck and Engine Corporation
(NAVISTAR)**
Recharge: PIT Testing
TIMOTHY J GORDON (UMTRI-
Engineering Research)
With STEVEN MICHAEL
KARAMIHAS (UMTRI-Engineering
Research)
\$10,032 12/01/07 - 12/31/08

Invacare Corp
Recharge: Wheelchair Restraint Testing
LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)
\$17,800 03/01/07 - 02/28/12

Japanese Business Society of Detroit Foundation

The Japan-US Medical Education and Exchange Project of the University of Michigan 2007-08

MICHAEL D FETTERS (Department of Family Medicine)

\$4,000 01/01/08 - 12/31/08

Jet Propulsion Laboratory

A Database of Turbulent Cloud Models

LEE WILLIAM HARTMANN (LSA Astronomy)

\$73,456 01/15/08 - 09/30/08

Johns Hopkins University

TIMED Data Analysis Collaboration with Applied Physics Laboratory

JANET U KOZYRA (Space Physics Research Lab)

\$60,048 01/11/08 - 12/31/08

JP Research Inc

Recharge: Transportation Data Center

CHARLES P COMPTON (UMTRI-Data Center)

\$543 08/27/07 - 08/26/12

Kettering Foundation

Community Organizing Strategies for Promoting Public Deliberation in Diverse Community Settings

JOHN C BURKHARDT (SOE-CSHPE)

\$32,000 12/15/07 - 12/15/08

Kids Up, Inc

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$2,000 03/01/07 - 02/28/12

King Abdulaziz City for Science & Technology (KAST)

High-Efficiency Flexible Conjugated Polymer Photovoltaic Cells with Controlled Nanostructures Semitransparent Metal Electrodes

LINGJIE J GUO (CoE EECS-Ssel)

\$399,357 12/10/07 - 12/09/10

Lerado Group

Recharge: Child Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$10,850 03/01/07 - 02/28/12

March of Dimes Birth Defect Foundation

A Functional Genomics Screen for Genes

Involved in Meiotic Homologous Pairing

KENTARO NABESHIMA (Cell and Developmental Biology)

\$150,000 02/01/08 - 01/31/10

Matrix Theatre Company

Grantee Support MI AmeriCorps Partnership - 2007-09

MARGARET E DEWAR (Community Service Learning)

\$3,300 09/01/07 - 05/31/09

Medical CV, Inc.

Atrial Fibrillation Registry

STEVEN F BOLLING (Cardiac Surgery Section)

\$80,000 11/01/07 - 10/31/08

Mellon, Andrew W., Foundation

Culture, Interpretation, and the Rhetoric of Critical Discourse

LINDA K GREGERSON (LSA English Language & Lit.)

\$193,000 10/19/07 - 12/31/10

Mercury Data Systems

Personal Dead-Reckoning System Phase III

JOHANN BORENSTEIN (Mechanical Engineering)

\$48,000 02/01/08 - 04/30/08

Michigan, State of, Education, Department of

Michigan School Readiness Program 2007-08: Child Development Center

MARY L TREPANIER-STREET (Dbn School of Education)

\$40,800 10/01/07 - 09/30/08

Microsoft, Inc.

"Beyond Search" Proposal: Practical Strategic Analysis of Sponsored Search Auctions

MICHAEL P WELLMAN (CoE EECS-AI)

\$61,525 01/01/08 - 12/31/08

Mouzon Information Services

Recharge: Transportation Data Center

CHARLES P COMPTON (UMTRI-Data Center)

\$362 08/27/07 - 08/26/12

National Aeronautics and Space

Administration

Development of Hybrid Continuum-Particle Method for Nonequilibrium Hypersonic Entry Flows

IAIN D BOYD (Aerospace Engineering)
\$485,797 01/01/08 - 12/31/10

The Galactic Abundances of Fe (Iron), Ne (Neon) and Mg (Magnesium)

JOEL N BREGMAN (LSA Astronomy)
\$70,495 12/10/07 - 12/09/08

WIND-SMS Investigation

GEORGE GLOECKLER (Space Physics Research Lab)

With LENNARD A FISK (Space Physics Research Lab); SUSAN THERESE LEPRI (Space Physics Research Lab)

\$220,479 12/07/07 - 12/06/10

CREST (Cosmic Ray Electron Synchrotron Telescope) at the University of Michigan

GREGORY TARLE (LSA Physics)
\$1,123,661 01/15/08 - 01/14/11

The Virtual Heliospheric Observatory

THOMAS H ZURBUCHEN (Atm, Oceanic & Space Sci.)

\$70,000 11/26/07 - 11/25/10

National Endowment for the Humanities

On the Origin and Nature of our Concept of Possibility

BORIS KMENT (LSA Philosophy)
\$50,400 07/01/08 - 06/30/09

National Science Foundation

CAREER: CPA-CSE: Correctness-Constrained Execution for Processor Designs

VALERIA M BERTACCO (CoE EECS-Acal)

\$400,000 02/01/08 - 01/31/13

Collaborative Research: Learned Attention, Blocking and Transfer in Language Acquisition

NICHOLAS C ELLIS (LSA English Language Institute)

\$195,941 02/01/08 - 01/31/11

CAREER: Analysis and Modeling for Image Processing Problems

SELIM ESEDOGLU (LSA Mathematics)
\$400,000 02/01/08 - 01/31/13

CAREER: Advances in Metamaterial Structures and Devices

ANTHONY GRBIC (CoE EECS-Rad)
\$400,000 02/01/08 - 01/31/13

Kinetics and Pathways for Gasification in Supercritical Water

PHILLIP E SAVAGE (Chemical Engineering Dept)

\$357,809 05/01/08 - 04/30/11

CAREER: Dynamic Thermal Management with Timing Guarantees in Thermal-Aware High-Performance Real-Time Embedded Systems

SHENGQUAN WANG (Dbn Col of Eng-Computer & Info)

\$400,000 05/01/08 - 04/30/13

CAREER: Statistical Learning from Data with Graph/Network Structures

JI ZHU (LSA Statistics)

\$400,000 07/01/08 - 06/30/13

NeuroSystec

Local Tolerance Study of NST-001 in the Guinea Pig Cochlea by Administration with a Special Osmotic Pump System.

JOSEF M MILLER (Kresge Hearing Research Inst)

\$197,935 01/01/08 - 12/31/08

New York University

Encyclopedia of C. Elegans 3'UTRs and Their Regulatory Elements

JOHN KIM (Life Sciences Institute-Admin)

\$83,522 05/04/07 - 03/31/08

Next Energy

Feedstock-Flexible Reformer System for SOFC-Quality Syngas

JOHANNES W SCHWANK (Chemical Engineering Dept)

\$1,118,403 08/01/07 - 07/30/09

Ohio State University

Aero-Servi-Thermo-Elastic-Propulsion Models for Guidance, Navigation, and Control of Highly Reusable Launch Systems

CARLOS E CESNIK (Aerospace Engineering)

With JAMES F DRISCOLL (Aerospace Engineering); PERETZ P FRIEDMANN (Aerospace Engineering)

\$735,000 01/01/08 - 12/31/10

Orbit Baby, Inc

Recharge: Child Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$8,720 03/01/07 - 02/28/12

Orthofab

Recharge : Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$10,000 03/01/07 - 02/28/12

OSI Pharmaceuticals, Inc.

Targeting C-Kit Activation Pathways in Allergic Lung Inflammation and Airway Hyperreactivity

NICHOLAS W LUKACS (Pathology Department)

\$19,200 01/01/08 - 12/31/08

OttoBock

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$4,000 03/01/07 - 02/28/12

PDL BioPharma

UMCC 2007.074: Allogeneic Hematopoietic Stem Cell Transplantation for the Treatment of High-Risk Multiple Myeloma with Reduced Toxicity Myeloablative Conditioning Regimen

YASSER A KHALED (Int Med-Hematology/Oncology)

\$160,000 12/20/07 - 08/31/10

Products Design Group

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$2,000 03/01/07 - 02/28/12

Pulmonary Fibrosis Foundation

Profibrotic Effects of Herpesvirus in Lung Cells

GALEN B TOEWS (Int Med-Pulm./Critical Care)

With BETHANY B MOORE (Int Med-Pulm./Critical Care)

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

Pusan National University

US Remanufacturing Market for Automotive Components

STEVEN J SKERLOS (Mechanical Engineering)

\$30,000 10/01/07 - 05/31/08

Radiation Monitoring Devices, Inc.

Diffused Optical Tomography Using Oxygen-Sensitive Luminescent Contrast Agent for Breast Cancer Detection

RAOUL KOPELMAN (LSA Chemistry)

\$50,000 09/28/07 - 09/27/08

Research to Prevent Blindness, Inc.

Senior Scientific Investigator Award

PETER F HITCHCOCK (Ophthalmology & Visual Science)

\$75,000 01/01/08 - 12/31/08

Sage, Russell, Foundation

Dislocation and Return of New Orleans Residents After Hurricane Katrina

M LAKSHMINARAYAN SASTRY (Pop Studies-Research)

\$35,000 12/01/07 - 11/30/08

Saginaw Valley State University

Mathematics and Science Partnership: Fostering Instructional Leadership: Year 2

JUDITH M FLOWERS (Dbn CASL-Math & Statistics)

With ROGER F VERHEY (Dbn CASL-Math & Statistics)

\$188,081 09/01/07 - 08/31/09

Science & Technology International

In Vivo FTIR Analysis of Colonic Neoplasia

THOMAS D WANG (Int Med-Gastroenterology)

\$156,138 10/09/07 - 07/30/08

Semiconductor Research Corporation

Demonstration of Power Scalability of LPP EUV
Lithography Sources Using Fiber Laser
Technology Spectral Multiplexing

ALMANTAS GALVANAUSKAS (CoE
EECS-Usl)

\$80,000 02/01/08 - 01/31/09

Simons Foundation

Simons Simplex Collection Travel Grant
CATHERINE LORD (UM Autism &
Comm Disorders Ctr)

\$72,000 11/01/07 - 10/31/09

Sloan, Alfred P., Foundation

InterPro - Sloan Grant #B2007-67 - ALN
Modules for Auto Industry

EDWARD G BORBELY (CoE Ctr for
Professional Devel)

\$45,000 01/01/08 - 06/30/09

**Society for the Psychological Study of Social
Issues**

Intersections of Class, Race and Gender
RICHARD D GONZALEZ (LSA
Psychology)

\$1,000 01/01/08 - 12/31/08

Society of Vertebrate Paleontology

SVP Preparator's Grant

WILLIAM J SANDERS (LSA
Paleontology Museum)

\$5,750 01/01/08 - 08/31/08

Southwest Research Institute

IMACS Analysis of Field OB Stars

MARION S OEY (LSA Astronomy)

\$33,972 01/01/08 - 03/31/08

Spectral Sciences, Inc.

Continuation: Efficient Simulation of Plume
Flows

IAIN D BOYD (Aerospace Engineering)
\$25,000 02/01/08 - 07/31/08

Sriya Innovations, Inc.

Solvothermal Treatment of Biomass

PHILLIP E SAVAGE (Chemical
Engineering Dept)

\$18,768 11/01/07 - 04/30/08

Sunrise Medical

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-
Biosciences)

\$6,547 03/01/07 - 02/28/12

Takeda Pharmaceuticals North America, Inc.

A Double-Blind, Randomized Study to Evaluate
the Efficacy and Safety of Lapaquistat Acetate
50mg as Placebo When Co-administered with
Statins in Subjects with Hypercholesterolemia,
with an Optional Open-label Extension

ROBERT S ROSENSON (Int Med-
Cardiology)

\$82,084 11/20/07 - 04/30/09

TAP Pharmaceuticals Products, Inc.

Markers of Cardiovascular Risk in Patients with
Gout

MARIANA J KAPLAN (Int Med-
Rheumatology)

\$3,000 04/30/07 - 04/29/09

The American Institute of Architects

Passageways/Portes et Passages du Retour Project
in Senegal

COLEMAN AUSTIN JORDAN (Coll of
Arch & Urban Planning)

\$18,000 12/01/07 - 06/01/09

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

A National Comparison of Metropolitan
Accessibility: Performance Indicators for
Transportation Planning Reform

JOSEPH DONALD GRENGS (Urban
Planning)

With JONATHAN LEVINE (Urban
Planning); CARL P SIMON (LSA
Study of Complex Systems)
\$118,569 09/27/07 - 09/26/10

Tufts University

Value Considerations in Prescribing Decisions for
Expensive Cancer Drugs

PETER A UBEL (Behavioral & Decision
Sciences)

\$70,143 10/01/07 - 09/30/08

United States Civilian Research and Development Foundation

Controlling Molecular Dynamics of Fluorescent Biopolymers by Shaped Femtosecond Pulses

THEODORE B NORRIS (CoE EECS-Usl)

\$9,400 02/01/08 - 01/31/10

University Corporation for Atmospheric Research

Semantic Provenance Capture in Data Ingest Systems (SPCDIS)

THOMAS H ZURBUCHEN (Space Physics Research Lab)

\$105,000 12/19/07 - 08/30/10

University of British Columbia

A Randomized, Double-blind, Multi-centre Study of Antiarrhythmic Medications in the Treatment of Infants with Supraventricular Tachycardia (SAMIS Trial)

MACDONALD DICK II (Pediatrics-Cardiology)

\$6,450 08/28/07 - 06/30/10

University of California

Mesoscale Simulations of Active Materials for High-Power Batteries: Interrogation of Failure Mechanisms during Cycle

ANN MARIE SASTRY (Mechanical Engineering)

\$176,500 01/01/08 - 12/31/08

University of California, Fullerton

Projected Incidence of Cancer Among Pacific Islanders Living in California

SELA V PANAPASA (RCGD-Black Americans)

\$76,000 10/01/07 - 04/30/08

University of Illinois

School District Policies and Elementary School Practices Addressing Childhood Obesity - Sampling Component Year 2

BETH-ELLEN PENNELL (Survey Research Organization)

\$2,604 01/01/08 - 05/30/08

University of New York at Buffalo

Pharmacology and Bioengineering of New Treatment of ITP (Idiopathic Thrombocytopenic Purpura)

VICTOR CHI-MIN YANG (College of Pharmacy)

\$80,000 09/27/07 - 05/31/08

University of Pennsylvania

The Role of Intra-Family Financial and Other Support for Young Adults

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

\$29,607 01/01/08 - 06/30/08

Causal Methods for Mediation and Interaction

MICHAEL R ELLIOTT (SRC-Survey Methodology Prog)

\$111,847 09/10/07 - 05/31/08

University of Pittsburgh

mTOR Signaling: A Novel Molecular Mechanism of Wnt's Anabolic Effects on Bone

ORMOND A MACDOUGALD (Molec & Integrative Physiology)

\$17,038 07/01/07 - 02/29/08

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$2,000 03/01/07 - 02/28/12

University of Southern California

Medical and Quality of Life Outcomes after Lung Donation

AKINLOLU OLUSEUN OJO (Int Med-Nephrology)

\$76,024 07/01/07 - 06/30/08

University of Texas

Combination Medications to Enhance Depression Outcomes (COMED)

ELIZABETH A YOUNG (Psychiatry Depression Center)

\$31,477 09/29/07 - 09/28/08

University of Wisconsin

Biometric and Financial Innovations in Rural Malawi

DEAN C YANG (G. Ford Sch of Public Policy)

\$125,000 11/01/07 - 12/31/08

Washtenaw United Way

Washtenaw United Way 08

CAROLYN J HASTINGS (UMH Housing
Bureau/Senior)

With SHARON A REDMER (UMH
Community Health)

\$27,431 07/01/07 - 06/30/08

Wayne State University

Services in Support of the Perinatology Research
Branch

HOWARD R PETTY (Ophthalmology &
Visual Science)

\$301,729 10/01/07 - 04/30/08

Recharge: High-Throughput Screening Services

DAVID H SHERMAN (Life Sciences
Institute-Admin)

\$15,000 09/01/07 - 08/31/08

World Health Organization

Assessment of Immunization Advisory

Committees in the WHO Euro Region

GARY L FREED (Pediatrics-Ambulatory
Care Pgm)

\$22,538 10/01/07 - 03/31/08