

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

Received by the Regents
 January 22, 2009

The awards detailed in this list were processed December 1, 2008 through December 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 2008	Number of Awards FY 2009	% Change	Value of Awards FY 2008	Value of Awards FY 2009	% Change
Total Awards Processed (December)	192	147	(23.4%)	\$37,931,306	\$36,280,343	(4.4%)
Research Awards	136	106	(22.1%)	\$33,648,602	\$33,821,571	0.5%
Research Training	5	3	(40.0%)	\$288,689	\$479,957	66.3%
Other Sponsored Activity	51	38	(25.5%)	\$3,994,015	\$1,978,815	(50.5%)
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Total Awards Processed Fiscal Year to Date	1,426	1,426	0.0%	\$554,442,880	\$592,062,979	6.8%
Research Awards	1,036	1,040	0.4%	\$507,362,872	\$533,664,060	5.2%
Research Training	76	51	(32.9%)	\$21,364,202	\$15,715,548	(26.4%)
Other Sponsored Activity	314	335	6.7%	\$25,715,806	\$42,683,371	66.0%

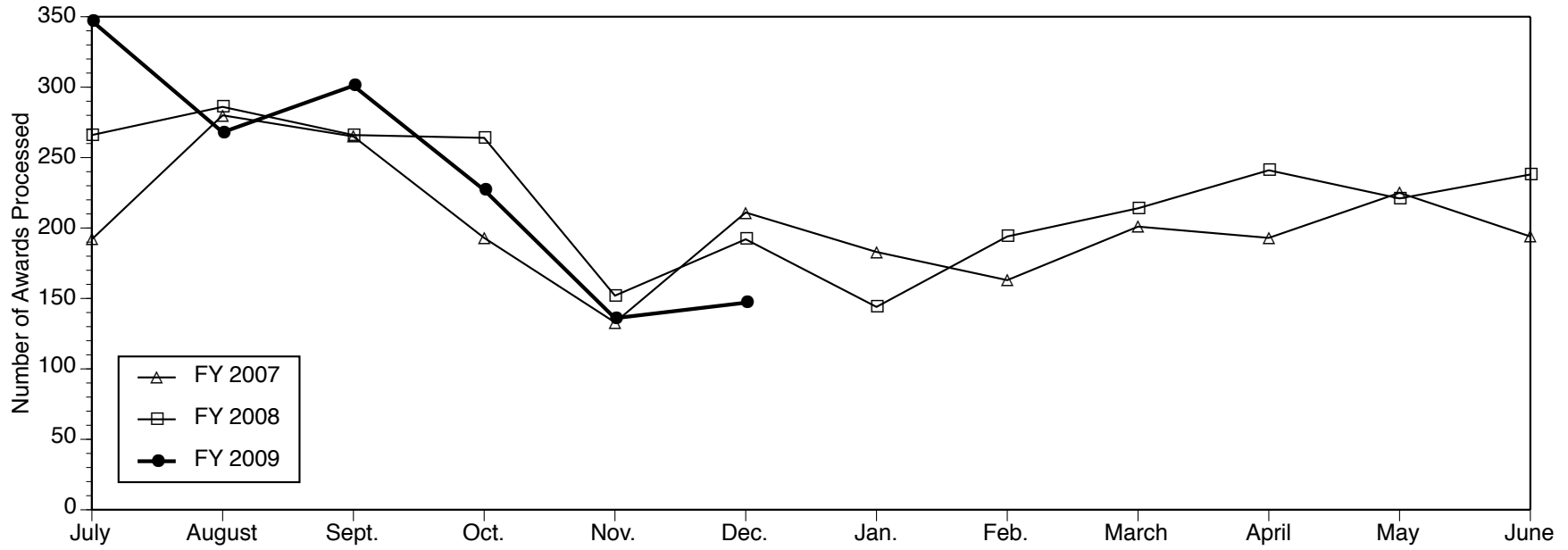
December is typically a less active month because of the University holiday closing. While there are fewer number of awards processed in December 2008 when compared with December 2007, the expected decline in dollar values was not as severe because there were a greater number of \$1.0 million awards processed.

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

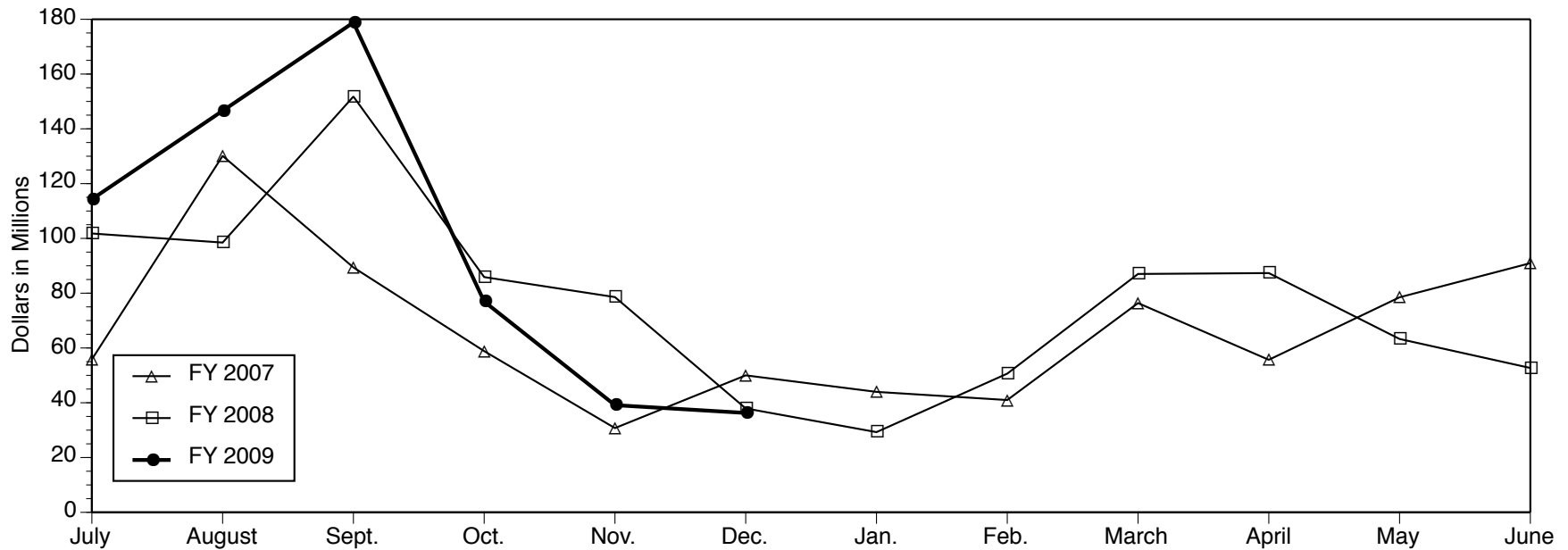
	Federal Expendable Restricted	Other Funds	Total Expenditures
November 2008	\$261,605,363	\$114,331,805	\$375,937,168
November 2007	\$260,013,593	\$96,537,070	\$356,550,663
Percent Change	0.6%	18.4%	5.4%

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

December 1, 2008 through December 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)
With DERRICK E SCOTT (CoE
Multicultural Engin Pgm Of)
\$190,965 09/01/08 - 08/31/09

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)
\$12,000 01/01/09 - 12/31/10

Albany Engineered Composites, Inc.

Specimen Size and Shape Effects in Split
Hopkinson Bar Testing of 3D Textile Composites
ANTHONY M WAAS (Aerospace
Engineering)
\$60,000 11/15/08 - 09/14/09

Alion Science and Technology

Supplement: Multi-modal Information Exchange
and Dynamic Adaptation 2006
NADINE BARBARA SARTER (Center
for Ergonomics)
\$57,966 10/01/08 - 12/15/08

American Brain Tumor Association

Treatment of Medulloblastoma Intracranial
Xenografts by Notch Inhibition
XING FAN (Neurosurgery)
\$38,932 03/01/08 - 10/31/08

American Cancer Society

Targeting TGF-beta Mediated Tumor-Stromal
Interactions in Lung Cancer
VENKATESHWAR KESHAMOUNI (Int
Med-Pulm./Critical Care)
\$720,000 01/01/09 - 12/31/12

American Chemical Society

Flow Behavior of Dilute Polymer Aggregates
MICHAEL J SOLOMON (Chemical
Engineering Dept)
\$100,000 01/01/09 - 08/31/11

American Heart Association, Inc.

Role of Ceramide-1 Phosphate/Ceramide Kinase
in Regulation of Calcium Signaling During
Phagocytosis and Inflammation
VANIA HINKOVSKA-GALCHEVA
(Pediatrics-Intensive Care)
With THOMAS PATRICK
SHANLEY (Pediatrics-Intensive Care)
\$308,000 01/01/09 - 12/31/12

Hormonal Regulation of Glycogen Metabolism by
Carbohydrate Binding Module Containing
Proteins

ALAN R SALTIEL (Life Sciences
Institute-Admin)
\$308,000 01/01/09 - 12/31/12

American Heart Association, Midwest Affiliate

Regulation of Kv1.5 via Redox-Mediated
Posttranslational Modification
JEFFREY RANDALL MARTENS
(Pharmacology Department)
\$52,000 01/01/09 - 12/31/10

Amgen, Inc.

Research Proposal for Evaluating 13E9 and C8.6
Monoclonal Antibodies in the Human Skin Tissue
JAMES VARANI (Pathology
Department)
\$168,096 01/25/07 - 12/09/09

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); MICHAEL SPENCER (School of Social Work)

\$4,892 09/01/08 - 08/31/09

Aperio Technologies, Inc.

Manual Read of Breast Tissue H&E Slides, Performance Characteristics

DANIEL W VISSCHER (Pathology Department)

With LAKSHMI P KUNJU (Pathology Department)

\$23,820 11/11/08 - 03/11/09

Area Agency on Aging - Michigan

Counseling Services-AAA 1-B DSP

DARLENE KNAPP RACZ (Geriatrics Social Work)

\$2,000 09/01/08 - 08/31/10

AT Sciences

Integrating Instrumentation With Context-Sensitive Task Guidance

NED L KIRSCH (Physical Medicine & Rehab Dept)

\$5,967 07/15/08 - 03/14/09

Battelle

Sum Frequency Generation Vibrational Spectroscopy (SFG) Studies of Peptide Conformations at Surfaces - MODIFICATION

ZHAN CHEN (LSA Chemistry)

\$24,543 03/01/08 - 02/28/10

Bausch & Lomb Inc.

Sum Frequency Generation (SFG) Spectroscopy of Fs-Laser Machined Hydrogels

ZHAN CHEN (LSA Chemistry)

\$9,828 10/01/08 - 03/31/09

Blaze Medical Devices, LLC

BME 450 - Winter 2009

DOUGLAS C NOLL (Biomedical Engineering)

\$800 01/01/08 - 05/31/09

Center for the Advancement of Health

Kellogg Health Scholars Program, Community Disparities Track

RICHARD L LICHTENSTEIN (Health Management and Policy)

With BARBARA ANNE ISRAEL (Hlth Behavior & Hlth Ed Dept)

\$376,000 07/01/08 - 12/31/10

Centocor, Inc.

iSPORE Retreat: Johnson and Johnson, Ortho Biotech Oncology Research & Development and University of Michigan Prostate

SPORE/Genitourinary Oncology Program

Evaluate Preclinical and Clinical Collaboration Opportunities and Promising Scientific

Discoveries.

KENNETH J PIENTA (Univ of Mich Cancer Center)

\$10,000 12/09/08 - 12/08/09

Investigation of Biomarkers in Response to CCL2

KENNETH J PIENTA (Int Med-Hematology/Oncology)

\$198,921 12/08/08 - 12/07/09

Columbia University

High-Use Alcohol Venues: Tourism, Sex Work and HIV in the Dominican Republic

MARK B PADILLA (Hlth Behavior & Hlth Ed Dept)

\$84,442 09/01/08 - 08/31/09

Community Foundation for Southeastern Michigan

Detroit Center for Family Advocacy: An Innovative Model to Reduce the Number of Children in Foster Care

DONALD N DUQUETTE (Law School)

With VIVEK S SANKARAN (Law School); FRANK E VANDERVORT (Law School)

\$75,000 12/02/08 - 12/01/09

Community Foundation of Greater Flint

Third Annual Civic Skills Conference

RENEE COLEEN ZIENTEK (Flint University Outreach)

\$8,000 11/10/08 - 01/21/09

Council on Library and Information Resources
Collaboration in Cataloging: Islamic Manuscripts
at Michigan

JONATHAN H RODGERS (University
Library)

\$225,931 01/01/09 - 12/31/11

CVR Global, Inc.

CardioVascular Resonator

DEVIN L BROWN (Neurology
Department)

With JAYAPALLI RAJIV BAPURAJ
(Radiology Department)

\$231,253 12/12/08 - 12/11/09

Dana, Charles A., Foundation

Linking Innate Immune Responses in the CNS to
Glutamate-Mediated Excitotoxicity: Studies in
Acute Alphavirus Encephalomyelitis in Mice

DAVID N IRANI (Neurology
Department)

\$36,380 07/01/08 - 06/30/09

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

Realistic Magnetron Priming Experiments and
Theory

RONALD M GILGENBACH (Nuclear
Eng & Radiological Sci)

With YUE YING LAU (Nuclear Eng
& Radiological Sci)

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

Control Science Collaborative Center - Request
for Additional Sub-Task: C2UAV Human
Supervisory Control Extension

ANOUCK RENEE GIRARD (Aerospace
Engineering)

\$74,950 01/01/09 - 12/31/09

Intergovernmental Personnel Act (IPA)
Assignment at AFRL (extension)

YUE YING LAU (Nuclear Eng &
Radiological Sci)

\$58,775 11/17/08 - 09/30/09

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

Inverted Organic Photovoltaic Cells on
Lightweight, and Flexible Metal Foil Substrates

STEPHEN R FORREST (COE EECS -
ECE - SSEL)

\$147,535 12/10/08 - 12/09/09

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

High-Temperature Spintronic Devices and
Circuits in Absence of Magnetic Field

PALLAB K BHATTACHARYA (COE
EECS - ECE - SSEL)

\$535,334 10/01/08 - 12/31/11

Duke University

American College of Surgeons Oncology Group -
Chair of the Constitution and Bylaws Committee

GERARD M DOHERTY (General
Surgery Section)

\$6,500 12/01/08 - 11/30/09

Energy Foundation, The

Life Cycle Optimization for Residential Air
Conditioning Replacement

GREGORY A KEOLEIAN (Sch of Nat
Resources & Environ)

\$55,000 12/01/08 - 11/30/09

Focus: Hope

Process Development and Metallurgical
Characterization for Repair, Restoration,
Reconfiguration, Reconstruction (R) of Navy
Components by Direct Metal Deposition (DMD),
Laser Micromachining

JYOTIRMOY MAZUMDER (CoE
Claims Lab)

\$262,386 10/01/08 - 09/30/09

Ford Motor Company

Human Motion Simulation (HUMOSIM)
Laboratory Support

MATTHEW PAUL REED (Center for
Ergonomics)

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

Foundation Fighting Blindness, Inc., The

Assessment of Therapies

JOHN R HECKENLIVELY
(Ophthalmology & Visual Science)

\$36,940 09/01/08 - 08/31/09

Small Molecular Interventions

DEBRA A THOMPSON (Ophthalmology
& Visual Science)

\$41,430 09/01/08 - 08/31/09

Transplantation of Photoreceptor Precursors

DAVID N ZACKS (Ophthalmology &
Visual Science)

\$46,530 09/01/08 - 08/31/09

Genentech, Inc.

Funding for Rheumatology Trainees to Present
Data at Meetings
ALISA E KOCH (Int Med-Rheumatology)
\$7,500 10/24/08 - 10/23/09

General Motors Corporation

The Formulation of Nanofluids for Minimum
Quantity Lubrication
ALBERT J SHIH (CoE Wu Mfg Research
Center)
\$4,410 11/01/08 - 02/28/09

GlaxoSmithKline (GSK)

Research Collaborative Agreement
GONCALO ABECASIS (Biostatistics
Department)
With MICHAEL LEE BOEHNKE
(Biostatistics Department);
CATHERINE A SPINO (Biostatistics
Department)\$2,077,029 12/01/08 -
11/30/11

Gore, W. L., & Associates, Inc.

Patient Population Assessment
KIM ALLEN EAGLE (Int Med-
Cardiology)
\$5,000 04/01/08 - 03/31/09

Harvard University

Creation and Dissemination of Upper-Elementary
Mathematics Assessment Modules
ROBIN TEPPER JACOB (Education and
Well Being)
\$816,598 05/01/09 - 04/30/12
Inference Based on Higher Order Influence
Functions
SUSAN A MURPHY (SRC-Quantitative
Methods)
\$23,339 09/01/08 - 02/28/09

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

Proteolytic Modulation of Toxoplasma Invasion
Proteins
VERNON BRUCE CARRUTHERS
(Microbiology and Immunology)
\$1,899,560 12/01/08 - 11/30/13
Immune Regulation by Thymocyte-Selected CD4
T Cells
CHEONG-HEE CHANG (Microbiology
and Immunology)
\$1,689,298 01/01/09 - 12/31/13
CRP Biology and Vascular Disease
YUQING EUGENE CHEN (Int Med-
Cardiology)
\$1,842,619 12/01/08 - 11/30/13
Michigan Hepatotoxicity Clinical Research
Network
ROBERT JOHN FONTANA (Int Med-
Gastroenterology)
\$212,500 09/01/08 - 06/30/13
Cytokine Phenotypes Alter the Host's Response
During Chronic Lung Inflammation
STEVE L KUNKEL (Pathology
Department)
With CORY M HOGABOAM
(Pathology Department)
\$1,906,845 12/01/08 - 11/30/13
Molecular Imaging of Chemokine Receptor
Signaling
GARY D LUKER (Radiology
Department)
With KATHRYN E LUKER
(Radiology Department)
\$1,503,610 01/01/09 - 12/31/13
TLR9 Activation and Fibrotic Responses in
Alveolar Epithelial Cells
BETHANY B MOORE (Int Med-
Pulm./Critical Care)
\$668,560 12/01/08 - 11/30/13

Interactions and Mechanisms of Function of the TAP Complex

MALINI RAGHAVAN (Microbiology and Immunology)

With IRINA D POGOZHEVA (College of Pharmacy); SYED

MONEM RIZVI (Microbiology and Immunology)

\$1,705,540 01/01/09 - 12/31/13

Structural Studies on Membrane-Associated Cytochrome b5 and P450 Using NMR

AYYALUSAMY RAMAMOORTHY (LSA Biophysics)

\$1,791,031 01/01/09 - 11/30/09

Membrane Interaction and Membrane Mediated Aggregation of Amylin

AYYALUSAMY RAMAMOORTHY (LSA Biophysics)

\$412,713 01/01/09 - 12/31/10

Structural Basis of Specificity in Affinity-Labeled Polyketide Synthase Didomains

JANET L SMITH (Life Sciences Institute-Admin)

\$2,007,119 01/01/09 - 11/30/12

Physiological Regulation and Function of Asymmetric Stem Cell Division

YUKIKO YAMASHITA (Life Sciences Institute-Admin)

\$1,467,750 12/01/08 - 11/30/13

Hemophilia Foundation of Michigan

2008-2009 Centers for Disease Control and Prevention (CDC) Grant Award

STEVEN W PIPE (Pediatrics-Hematology/Oncology)

\$39,000 09/30/08 - 09/29/09

Hewlett, William and Flora, Foundation, The
2009 Health OER Design Phase

JAMES O WOOLLISCROFT (MSA Enabling Technologies)

With N CARY ENGLEBERG (Int Med-Infectious Diseases);

THEODORE ALEXANDER HANSS JR (MSA Enabling Technologies)

\$500,000 01/01/09 - 12/31/09

ICON Clinical Research, Inc.

Case-Crossover Study of PDE5 Inhibitor Exposure as a Potential "Trigger Factor" for Acute NAION (A1481259)

WAYNE T CORNBLATH

(Ophthalmology & Visual Science)

\$50,363 12/03/08 - 07/31/11

Idaho National Laboratory

Measurement and Characterization of Nuclear Material at Idaho National Laboratory

SARA A POZZI (Nuclear Eng & Radiological Sci)

\$75,000 11/03/08 - 09/30/09

INC Research, Inc

A Phase 2 Randomized Double-blind Placebo-controlled Crossover Study Assessing the Ability of Reboxetine (PNU-165442G) to Improve Cognitive Function in Fibromyalgia Patients

JENNIFER M GLASS (Psych Substance Abuse)

\$133,863 11/26/08 - 12/31/09

UMCC 2008.039: Axitinib (AG-013736) as Second Line Therapy for Metastatic Renal Cell Cancer: Axis Trial

BRUCE G REDMAN (Int Med-Hematology/Oncology)

\$429,282 11/25/08 - 11/30/11

UMCC 2008.063: Continuing Access to the Tyrosine Kinase Inhibitor of VEGFR-2, AG-013736 (A406) for Patients Previously Receiving AG-013736 in Clinical Trials

FRANCIS P WORDEN (Int Med-Hematology/Oncology)

\$42,624 12/01/08 - 11/30/10

Indiana University

Biomed Studies & Instrumentation in Proteomics/Glycomics

ALAN J HUNT (Biomedical Engineering)

\$30,400 09/01/08 - 08/31/09

Industrial Science and Technology Network (ISTN)

RBC-Encapsulated Asparaginase for Enhanced Acute Lymphoblastic Leukemia Therapy

VICTOR CHI-MIN YANG (College of Pharmacy)

\$41,300 09/12/08 - 03/12/09

Ingenix Pharmaceutical Services

UMCC 2008.038: A Phase 3, Randomized, Double Blind, Multicenter Study of Proteinase 3 PR1 Peptide Mixed with Montanide ISA 51 VG Adjuvant and Administered with GM-CSF in Elderly Patients with AML in First Complete Remission or Adults in Second Complete Remission: A Pivotal Study

HARRY P ERBA (Int Med-Hematology/Oncology)

\$249,453 11/21/08 - 03/23/12

INSEAD

Organizational Response to Co-occurring Market and Institutional Demands

JEFFREY A ALEXANDER (Health Management and Policy)

\$23,276 09/01/08 - 05/31/09

Intel Corporation

Integrating Multi-Core Replay, Speculation, and Replication

PETER M CHEN (COE EECS - CSE - ACAL)

\$50,000 10/01/08 - 09/30/16

Efficient Execution of Medical Imaging

Applications on the Intel Larrabee System

SATISH NARAYANASAMY (COE EECS - CSE - ACAL)

With JEFFREY A FESSLER (COE EECS - ECE - Cspl); SCOTT MAHLKE (COE EECS - CSE - ACAL)

\$140,472 09/01/08 - 08/31/11

Interior, Department of the

IPA for Dr. Sung Pil Hyun

KIM F HAYES (Civil & Environmental Engr)

\$12,393 01/01/09 - 02/28/09

Iowa Foundation for Medical Care

Time Study Project Data Collection and Analysis

BRANT E FRIES (Institute of Gerontology)

With MARY LEWIS JAMES (Institute of Gerontology)

\$308,967 09/30/05 - 01/31/10

Jaeb Center for Health Research

Validation of Glucose Sensing Technologies in Children with Type 1 Diabetes - Year 3 Agreement Extension

JOYCE M LEE (Pediatrics-Ambulatory Care Pgm)

\$7,868 08/01/08 - 07/31/09

Japan Business Society of Detroit Foundation

Japanese Health Education and Medical Exchange

MICHAEL D FETTERS (Department of Family Medicine)

\$4,000 01/01/09 - 12/31/09

UMMA's Reopening Events for Community Audiences

JAMES C STEWARD (Museum of Art)

\$1,000 01/01/09 - 06/30/09

Japan Foundation Center for Global Partnership (CGP)

Quantitative Analysis of Newly Evolving Patterns of Japanese and U.S. International Trade

ROBERT M STERN (G. Ford Sch of Public Policy)

\$45,397 10/01/08 - 02/28/10

Jet Propulsion Laboratory

MARS Express Planetary Fourier Spectrometer Investigation (Phase E) FY09 FY010

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

\$216,111 09/29/08 - 09/26/10

Participation in SMAP Science Definition Team: Soil Moisture Retrieval Algorithms

MAHTA MOGHADDAM (COE EECS - ECE - Rad)

\$60,174 01/01/09 - 05/31/09

Johns Hopkins University

Chronic Kidney Disease in Children Prospective Cohort Study (CKID)

KATHERINE LOUISE COLLINS (Pediatrics-Nephrology)

\$48,170 08/01/08 - 07/31/13

Jump Start for Young Children, Inc

Jump Start for Young Children

SUSAN B NEUMAN (SOE-Educational Studies)

\$60,421 09/01/08 - 08/31/09

L-3 Communications

Energy Constrained RFID Tagging System using UWB

DAVID D WENTZLOFF (CoE EECS-Ssel)

\$160,000 03/25/08 - 07/31/09

Law Library Microform Consortium

LLMC-Digital: Conversion Services

JOHN WEISE (University Library)

\$109,000 06/01/08 - 08/31/11

Macomb-Oakland Regional Center, Inc. (MORC)

Silver Club Transportation Services FY09

ELIZABETH BROCK SPENCER (Geriatrics Social Work)

\$13,500 10/01/08 - 09/30/09

Medarex, Inc

UMCC 2008.069-A Phase 1b, Open-label, Multicenter, Multidose Dose-Escalation Study of MDX-1106 in Subjects with Selected Advanced or Recurrent Malignancies

DAVID C SMITH (CTO-Phase 1)

\$1,603,025 12/01/08 - 12/31/11

Merck and Company, Inc.

Risk Factors and Treatment Outcomes for Fluconazole-resistant Candida Glabrata Blood Stream Infections

PEGGY L CARVER (College of Pharmacy)

\$49,440 01/01/09 - 12/31/10

Pharmacokinetics of Invanz in Critically III Patients Receiving Continuous Venovenous Hemodialysis

BRUCE A MUELLER (College of Pharmacy)

With DARYL D DEPESTEL (College of Pharmacy)

\$134,399 01/01/09 - 12/31/10

Michigan Campus Compact

Preparing Youth for Higher Education

MARGARET E DEWAR (Community Service Learning)

\$23,925 01/01/08 - 12/31/09

Michigan Primary Care Association

Continuation of Funding: Non-clinical Child & Adolescent Health Center (CAHC) Program
UMH Stone High School

SHARON A REDMER (UMH RAHS Stone High School)

With JENNIFER A SALERNO (UMH RAHS Stone High School)

\$120,000 10/01/08 - 09/30/09

Michigan Public Health Institute

Electronic Health Record

JOANNE M POHL (SON-Grants)

\$75,803 09/01/08 - 08/31/09

Michigan, State of, Community Health, Department of

Cardiovascular Health Grant

PHILLIP ALTON SCOTT (Emergency Medicine UM Adult)

\$11,520 11/01/08 - 09/30/09

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

Reducing Worker Risk of Overexertion Injuries and Illnesses Using Engineering and Management Models

THOMAS J ARMSTRONG (Center for Ergonomics)

With RANDALL A RABOURN (Center for Ergonomics); SHERYL S ULIN (Center for Ergonomics)

\$80,000 10/01/08 - 09/30/09

Michigan, State of, Natural Resources, Department of

Development of a Digital Water Atlas: Spatial and Tabular Data, Assessment and Characterization Tools, and Conservation Planning Guide for Michigan's Inland Waters

JAMES EDWARD BRECK (Sch of Nat Resources & Environ)

\$88,746 10/01/08 - 09/30/09

Refinement of the Aquatic Portion of Michigan's Wildlife Action Plan and Development of Tools to Support the Plan

LIZHU WANG (Sch of Nat Resources & Environ)

\$72,300 10/01/08 - 09/30/09

Microsoft, Inc.

NFSv4.1 Client for Windows

PETER HONEYMAN (COE EECS - CSE
Division)With JAMES BRUCE FIELDS (COE
EECS - CSE Division)

\$800,000 12/01/08 - 11/30/10

Mott, Charles Stewart, FoundationFeasibility Study for the Adaptive Re-Use of
Capitol Theatre

JACK KAY (Flint Provost)

\$48,000 09/01/08 - 02/28/09

National Aeronautics and Space**Administration**Studies of the Dynamics and Composition of the
Cometary ComaMICHAEL R COMBI (Space Physics
Research Lab)

\$835,571 01/01/09 - 12/31/13

National Childhood Cancer FoundationMaster Subcontract Between the Regents of the
University of Michigan, The Children's Oncology
Group and the National Childhood Cancer
Foundation. Contract #17506

RAYMOND J HUTCHINSON

(Pediatrics-Hematology/Oncology)

\$27,990 03/01/08 - 02/28/09

**National Community Development Institute
(NCDI)**

Community Resource Directory

PAULA ALLEN-MEARES (School of
Social Work)With LARRY M GANT (School of
Social Work)

\$15,000 12/01/07 - 11/30/08

**National Foundation for the Centers for
Disease Control and Prevention, Inc.**Universal Data and Serum Specimen Collection
System for Hemophilia (Yr 4B)PAULA L BOCKENSTEDT (Int Med-
Hematology/Oncology)

\$21,620 11/01/08 - 04/30/09

National Science FoundationCAREER: Developing SFG into a Powerful
Analytical Technique to Understand Molecular
Adhesive Mechanisms at Polymer Interfaces

ZHAN CHEN (LSA Chemistry)

\$20,000 09/01/08 - 02/28/10

International Conference and Workshop on
Cluster Algebras and Related Topics

SERGEY FOMIN (LSA Mathematics)

\$45,275 10/01/08 - 09/30/09

Program Directorship in the National Science
Foundation Division of ChemistryGEORGE L KENYON (College of
Pharmacy)

\$238,680 01/02/09 - 01/01/10

Nissan Technical Center, North AmericaCooperative Agreement for Advanced Crash
Avoidance Technologies Program (ACAT 2)TIMOTHY J GORDON (UMTRI-
Engineering Research)With DANIEL F BLOWER (UMTRI-
Automotive Analysis Div.); CAROLANN FLANNAGAN (UMTRI-
Biosciences); HEMANT M SARDAR

(UMTRI-Engineering Research);

JOHN M SULLIVAN (UMTRI-
Human Factors)

\$1,000,000 01/01/09 - 12/31/10

Northwestern UniversityMassive Black Hole Binaries with Extreme Mass
Ratios

MARTA VOLONTERI (LSA Astronomy)

\$53,489 06/01/08 - 05/31/10

Ortho-Clinical DiagnosticsA Validation Study of the ORTHO ProVue
System

ROBERTSON D DAVENPORT

(Pathology Department)

\$11,200 11/17/08 - 12/31/08

Pfizer, Inc.

A Double-Blind Placebo-Controlled Cross-Over Study in Fibromyalgia Subjects to Examine Effects of Pregabalin on Brain Response to Mechanical Pain as Assessed by Functional Magnetic Resonance Imaging, Proton Magnetic Resonance Spectroscopy and Subjective Ratings

RICHARD E HARRIS (Anesthesiology Department)

With DANIEL J CLAUW
(Anesthesiology Department)

\$737,829 12/01/08 - 10/31/09

Planetary Science Institute

In-Situ Studies of Terrestrial Dust Devils and Ambient Meteorology: Applications to Mars' Climate

NILTON O RENNO (Atm, Oceanic & Space Sci.)

\$36,441 05/15/08 - 05/14/09

Quintiles, Inc.

ALN-RSV01-106: A Multi-center, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Antiviral Activity of Aerosolized ALN-RSV01 Plus Standard of Care in Lung Transplant Patients Infected with Respiratory Syncytial Virus (RSV)

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

\$90,280 12/05/08 - 02/04/11

A Double-blind, Randomized, Stratified, Multi-center Trial Evaluating Conventional and High Dose Oseltamivir in the Treatment of Immunocompromised Patients with Influenza

DANIEL RICHARD KAUL (Int Med-Infectious Diseases)

\$36,233 12/19/08 - 09/30/10

An Open Label, Multi-center Study to Assess the Safety and Tolerability of Pancrelipase Delayed Release Capsules in Infants and Children Less than Seven Years of Age with Pancreatic Exocrine Insufficiency Due to Cystic Fibrosis

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

With MANUEL ARTETA (Pediatrics-Pulmonary Medicine); AMY G

FILBRUN (Pediatrics-Pulmonary Medicine); CAREY NIEN-KAI

LUMENG (Pediatrics-Pulmonary Medicine); WAN CHONG TSAI

(Pediatrics-Pulmonary Medicine)

\$51,652 12/01/08 - 11/30/09

Raytheon Company

University of Michigan Response to RFP for NASA NextGen Advanced Concepts and Vehicles

ELLA MARIE ATKINS (Aerospace Engineering)

\$90,000 07/18/08 - 12/13/09

Renal Research Institute, LLC

Establishment of a Collaborative for Clinical/Translational Research between the Renal Research Institute (RRI) and the UM-Kidney Epidemiology and Cost Center (UM_KECE)

RAJIV SARAN (Int Med-Nephrology)

With BRENDA WILSON GILLESPIE (Ctr Statistical Consul & Res);

SONAL N KORGAONKAR (Int Med-Nephrology)

\$190,000 08/01/08 - 07/31/09

Reynolds, Christopher, Foundation, The

Christopher Reynolds Foundation - Cuba Project
FRANK W THOMPSON (LSA Economics)

\$8,000 11/01/08 - 10/31/09

Rosalynn Carter Institute for Caregiving

Translating Science to Practice

LOUIS BURGIO (School of Social Work)

\$5,000 09/01/08 - 08/31/09

Sandia National Laboratories

A Multisensor Fusion Approach to the Solution of Inverse Radiation Transport Problems

SARA A POZZI (Nuclear Eng & Radiological Sci)

\$87,000 12/01/08 - 11/30/09

Sanofi Pasteur

Comparative Study of Influenza Vaccines in Adults - FLUVACS (Extended Support)

ARNOLD S MONTO (Epidemiology Department)

With SUZANNE E OHMIT (Epidemiology Department)

\$193,721 09/01/08 - 08/31/10

Sanofi-Aventis Pharmaceuticals

Validation of VTE Risk Tool in Hospitalized Surgical Patients

PETER K HENKE (Vascular Surgery Section)

\$109,500 11/01/08 - 10/31/09

Value-based Insurance Design: Restoring Health to the Health Care Cost Debate

DEAN G SMITH (Health Management and Policy)

\$25,000 12/02/08 - 11/30/09

Sarcoma Alliance for Research Through Collaboration (SARC)

Database Management Services SARC003 (II)

DANIEL J CLAUW (Mich Inst for Clin & Hlth Resr)

\$1,660 02/01/09 - 08/31/09

Skillman Foundation

Detroit Center for Family Advocacy Innovative Model to Reduce the Number of Children in Foster Care

DONALD N DUQUETTE (Law School)

With VIVEK S SANKARAN (Law School); FRANK E VANDERVORT (Law School)

\$75,000 01/01/09 - 01/01/10

Smithsonian Institution

Well Dispersed or Well Disguised: A Curatorial Initiative Focused on 85 Tree Species Shared between BCI and Yasuni

CHRISTOPHER WILLIAM DICK (LSA Ecology & Evolutionary Bio)

\$15,000 12/01/08 - 11/30/11

The Evolution of X-ray Emission in the Planet-Forming Era

JON MATTHEW MILLER (LSA Astronomy)

\$50,700 11/19/08 - 07/31/10

Collaboration Between the Animal Diversity Web and the Encyclopedia of Life

PHILIP MYERS (LSA Zoology Museum)

\$28,014 11/01/08 - 02/28/09

Southern Illinois University Medical School

A Model For Delineating the Pathogenesis of Chronic Fatigue

MARK R OPP (Anesthesiology Department)

\$150,960 07/01/08 - 06/30/09

Space Telescope Science Institute

NICMOS Imaging of Protostars in the Orion A Cloud

LEE WILLIAM HARTMANN (LSA Astronomy)

With NURIA PILAR CALVET (LSA Astronomy)

\$63,335 11/01/08 - 10/31/10

SRI International

Semantic Inference with Large Knowledge (SILK)

MICHAEL P WELLMAN (CoE EECS-AI)

\$19,310 05/01/08 - 10/28/08

Terumo Cardiovascular Systems

Recharge: Histology and Molecular Biology Cores

CHARLOTTE M MISTRETTA (Office of Research - Dentistry)

\$126 07/01/08 - 06/30/13

Toyota Technical Center, USA, Inc.

Use of Dynamical System Models for Vehicular Interaction Prediction and Warning

SATINDER SINGH BAVEJA (COE EECS - CSE - AI)

\$44,063 09/01/06 - 02/28/09

Universal Display Corporation

SBIR II: High Light Output Phosphorescent Stacked OLED Lighting

STEPHEN R FORREST (CoE EECS-Ssel)

\$150,000 08/15/08 - 08/14/10

University of California - San Francisco
Miniaturized Implantable Renal Assist Device for
Total Renal Replacement Therapy

DAVID L BROWN (Plastic Surgery
Section)

\$37,780 09/01/08 - 08/31/09

Adherence and the Economics of Colon Cancer
Screening

SANDEEP VIJAN (Int Med-General
Medicine)

With RODNEY A HAYWARD (Int
Med-General Medicine); LAURENCE
F MCMAHON JR (Int Med-General
Medicine)\$63,527 08/01/08 - 07/31/09

University of Illinois at Chicago

School District Policies and Elementary School
Practices Addressing Childhood Obesity-
Supplemental School District Sampling

BETH-ELLEN PENNELL (Survey
Research Organization)

\$9,324 10/01/08 - 11/30/08

University of London

Jacobs Foundation Post-Doctoral Fellowship

JACQUELYNNE S ECCLES (RCGD-
Achievement Research)

\$51,957 10/01/08 - 07/31/09

University of Minnesota

A Randomized Trial of Internet Access to
Nicotine Patches

VICTOR J STRECHER (Hlth Behavior &
Hlth Ed Dept)

\$151,313 07/01/07 - 06/30/09

University of Nebraska

Sr Isotopic Measurements on Carbonate Fossil
Materials Aimed at Providing Tight Age
Constraints for Paleoclimate Records in the
Southern McMurdo Sound (SMS) Core

SAMUEL B MUKASA (LSA Geological
Sciences)

\$83,141 07/01/08 - 03/31/10

University of Pennsylvania

Sedation Management in Pediatric Patients with
Acute Respiratory Failure

THOMAS PATRICK SHANLEY
(Pediatrics-Intensive Care)

\$144,000 04/01/08 - 03/31/09

University of Texas

Biology of Prostate Cancer Prevention Trial
Subcontract

LAURENCE H BAKER (Int Med-
Hematology/Oncology)

\$5,261 08/20/08 - 04/30/09

University of Texas Southwestern

A Multi-Center Study to Evaluate the Effect of an
Education Program on Prehospital Pediatric Pain
Management

DOMINIC A BORGIALLI (Emergency
Medicine Hurley)

\$34,281 09/01/08 - 08/31/09

University of Utah

Proteomics and Genomics of Giant Cell Arteritis
(Agreement between UM and Utah)

JONATHAN D TROBE (Ophthalmology
& Visual Science)

\$2,000 10/22/08 - 10/21/09

University of Zurich

Testing Aminoglycoside Derivatives for Free-
radical Toxicity to Hair Cells in Organ of Corti
Explants

JOCHEN H SCHACHT (Kresge Hearing
Research Inst)

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

Various Sponsors

Recharge: Chemistry Services September 2008

CAROL A FIERKE (LSA Chemistry)

\$2,527 01/01/08 - 12/31/08

Washtenaw, County of

Home Delivered Meals - Washtenaw
County Service Contract: UMHS
Motor Meals of Ann Arbor

SHARON A REDMER (UMH Motor
Meals/Ann Arbor)

\$70,000 10/01/08 - 09/30/09

**Wenner-Gren Foundation for Anthropological
Research, Inc.**

Social Relationships and Gestural Communication
in Wild Chimpanzees

JOHN C MITANI (LSA Anthropology)

\$15,460 10/17/08 - 01/31/10

West Virginia University

A Novel Computational Framework for
Individualized Clinical Decision-Making

DAVID G BEER (Thoracic Surgery
Section)

\$21,089 09/15/08 - 09/14/09

Western Robotics

SBIR Phase 1: Integrated Inspection for Precision
Surface Finishing

REUVEN R KATZ (Mechanical
Engineering)

\$28,000 01/01/09 - 06/30/09

Whitehall Foundation, Inc.

Activity-Dependent Synapse Refinement in the
Hippocampus in Vivo

HISASHI UMEMORI (Molecular &
Behav Neurosc Inst)

\$225,000 01/01/09 - 12/31/11

Yale University

Cooperative Multicenter Reproductive Medicine
Network

GREGORY M CHRISTMAN (Obstetrics
and Gynecology Dept)

\$66,702 12/01/08 - 11/30/09