

AWARDS PROCESSED
 Research and Other Sponsored Activities
 September 1, 2007 through September 30, 2007

Received by the Regents
 October 25, 2007

The awards detailed in this list were processed September 1, 2007 through September 30, 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 2007	Number of Awards FY 2008	% Change	Value of Awards FY 2007	Value of Awards FY 2008	% Change
Total Awards Processed (September)	265	266	0.4%	\$89,408,931	\$151,791,025	69.8%
Research Awards	210	202	(3.8%)	\$80,903,462	\$147,190,686	81.9%
Research Training	18	11	(38.9%)	\$4,830,380	\$1,090,701	(77.4%)
Other Sponsored Activity	37	53	43.2%	\$3,675,089	\$3,509,638	(4.5%)
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Total Awards Processed Fiscal Year to Date	737	818	11.0%	\$275,381,189	\$352,062,008	27.8%
Research Awards	561	612	9.1%	\$233,854,698	\$329,173,074	40.8%
Research Training	51	56	9.8%	\$25,996,876	\$11,277,126	(56.6%)
Other Sponsored Activity	125	150	20.0%	\$15,529,615	\$11,611,808	(25.2%)

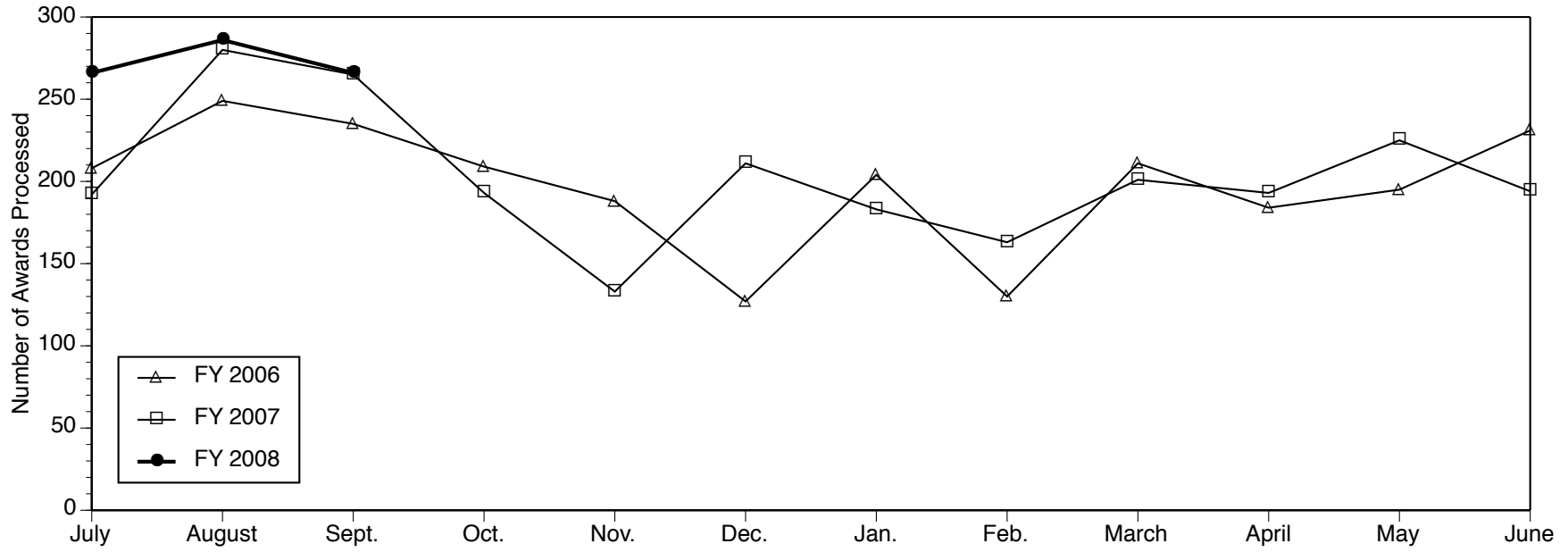
The increase in award values for FY 2008 when compared with FY 2007 continues to be strong. The large value increase realized in September 2007 is due to 37 awards valued at over \$1.0 million totaling \$111.8 million. The largest award is valued at \$24.8 million. In September 2006 there were only 28 such awards valued at \$54.9 million with the largest award being \$6.0 million.

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

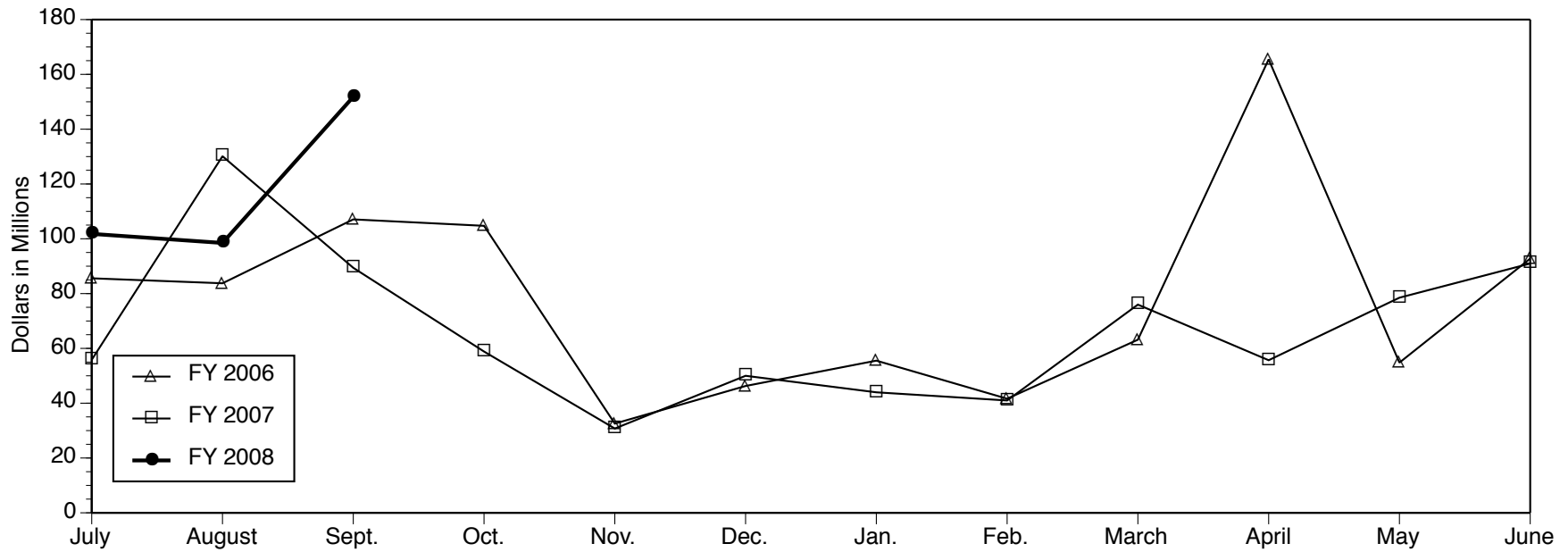
	Federal Expendable Restricted	Other Funds	Total Expenditures
August 2007	\$111,943,445	\$37,515,004	\$149,458,449
August 2006	\$105,375,881	\$37,054,898	\$142,430,779
Percent Change	6.2%	1.2%	4.9%

Data Source: Division of Research Development and Administration

Number of Awards Processed



Dollar Value of Awards Processed



Data Source: Division of Research Development and Administration

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

September 1, 2007 through September 30, 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)
Company**

Clinical Evaluation of CAD/CAM-Generated
Ceramic Onlays

DENNIS J FASBINDER

(Cariology, Restor Sci & Endo)

With JOSEPH DEBRUNE

DENNISON (Cariology, Restor Sci &
Endo)

\$92,950 06/01/07 - 12/31/10

Ablations Frontiers

Tailored Treatment of Permanent Atrial
Fibrillation (TTOP AF Trial)

AMAN CHUGH (Int Med-Cardiology)

\$64,787 06/04/07 - 06/03/09

**Academic Serials in Communication - Unified
System**

Online Hosting Services

MARIA STELLA BONN (University
Library)

\$200,000 02/01/07 - 01/31/10

Adaptive Materials Inc

Low-Temperature Portable Solid Oxide Fuel Cell
Power System

PETER F GREEN (Materials Science &
Engin.)

With JOHN W HALLORAN
(Materials Science & Engin.)

\$50,000 09/01/07 - 02/10/08

Aerospace Corporation, The

University of Michigan & Aerospace Corporation
Affiliates Program

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

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

Agriculture, Department of

The Environmental Educators' Web-Based
Consultant to Effective Evaluation

MICHAELA T ZINT (Sch of Nat
Resources & Environ)

\$103,000 05/01/05 - 05/01/10

Allergan Pharmaceuticals, Inc.

A Multicenter, Multiple-Dose, Double-Blind,
Randomized, Placebo-Controlled, Parallel Group
Study of the Safety and Efficacy of Oral AGN
203818 Given Twice Daily for 4 Weeks for the
Relief of Irritable Bowel Syndrome (IBS) Pain.

WILLIAM D CHEY (Int Med-
Gastroenterology)

\$241,045 01/04/07 - 02/28/09

Alzheimer's Association

How Overexpression of a Stress Gene Modifies
Alzheimer's Disease Pathology

HUDA AKIL (Molecular & Behav
Neurosc Inst)

\$239,957 09/01/07 - 08/31/10

American Society of Clinical Oncology

Development of a Melanoma Chemoprevention
Model

CHRISTOPHER D LAO (Int Med-
Hematology/Oncology)

With DEAN E BRENNER (Int Med-
Hematology/Oncology)

\$170,100 07/01/06 - 06/30/09

American Urological Association Foundation

Assessing Patient-Centered Survivorship Care in
Prostate Cancer

JOHN THOMAS WEI (Urology Surgery)

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

Andrews University

Andrews University Methamphetamine Study
LLOYD D JOHNSTON (SRC-Studies of Youth)

\$25,168 08/01/07 - 07/31/08

Avantis Medical Systems

A Prospective Efficacy Evaluation of the Third Eye Retroscope Auxiliary Imaging System

LESLIE BROWN ALDRICH (Int Med-Gastroenterology)

\$9,975 05/17/07 - 10/31/07

Avid Pharmaceuticals

Avid Pharmaceuticals Human Brain Biodistribution of AV-133

KIRK A FREY (Radiology-Nuclear Medicine)

\$192,625 04/05/07 - 09/06/08

Battelle Memorial Institute

Technical Challenges of Plug-In Hybrid Electric Vehicles and Impacts to the U.S. Power System

GARY S WAS (MI Memorial Phoenix Energy Ins)

With ZORAN S FILIPI (Mechanical Engineering); JAMES S JACKSON (RCGD-Black Americans); JOHN C LEE (Nuclear Eng & Radiological Sci); CARL P SIMON (LSA Study of Complex Systems); PETER FRANK SWEATMAN (UMTRI-Administration / Library)

\$900,000 08/03/07 - 04/01/09

Becton, Dickinson and Company

Intravenous-Intramuscular Needle Penetration
LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

With JONATHAN DAVID RUPP (UMTRI-Biosciences)

\$16,086 02/24/99 - 08/31/07

Bioline, LLC

Development and Evaluation of a New Hemostatic Agent for the Control of Severe Hemorrhage Traumatic Injury - Extension
SUSAN A STERN (Emergency Medicine Admin)

With JOHN GRAFTON YOUNGER (Emergency Medicine Admin)

\$24,042 07/01/06 - 09/30/07

Biosense Webster, Inc.

NAVISTAR THERMOCOOL Catheter for Endocardial RF Ablation in Patients with Ventricular Tachycardia PMA# P040036

Condition of Approval Study

FRANK M BOGUN (Int Med-Cardiology)

\$66,860 08/31/07 - 01/31/12

2007 Cardiac Electrophysiology Fellowship

FRANK PELOSI JR (Int Med-Cardiology)

\$25,000 09/01/07 - 08/31/08

Blue Cross Blue Shield of Michigan Foundation

Validation of Failure to Rescue Complications Through Focused Medical Record Review

AKKE NEELTJE TALSMA (School of Nursing)

\$75,000 10/15/07 - 10/14/08

Brookdale Foundation

Memory Keepers

ELIZABETH BROCK SPENCER (Geriatrics Social Work)

\$7,500 09/18/07 - 09/30/08

Canada, Government of

UM-D Ottawa Political Science Internship Program

FRANCIS W WAYMAN JR (Dbn CASL-Social Sciences)

\$5,783 06/15/06 - 06/21/07

CBRITE

Response to HARDI BAA

JERZY KANICKI (CoE EECS-Ssel)

\$332,051 07/02/07 - 12/31/07

Chenega Advanced Solutions & Engineering, LLC

Vehicle Mechanical Condition and Truck Crash Risk in the Large Truck Crash Causation Study

DANIEL F BLOWER (UMTRI-Transp. Safety Analysis)

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

\$73,270 09/05/07 - 06/30/08

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)

\$60,000 07/19/08 - 07/18/09

Commerce, Department of-National Oceanic and Atmospheric Administration

Extension of the Spatial and Temporal Coverage of the Global Database of Borehole Temperatures for Climate Reconstruction

SHAOPENG HUANG (LSA Geological Sciences)

\$240,061 08/01/07 - 07/31/10

Michigan Sea Grant College Program - Ship Time FY 07/08

DONALD SCAVIA (SNRE Michigan Sea Grant)

\$45,092 06/01/07 - 05/31/08

Commerce, Department of-Office of the Secretary

U.S. Census Bureau: PSID Conference on the Use of EHC

ROBERT F SCHOENI (SRC-Psid)

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

\$160,000 03/23/07 - 12/31/08

Community Foundation for Southeastern Michigan

Family Reading and Science

AMY S HARRIS (LSA UG: Exhibit Museum)

\$43,000 09/11/07 - 09/10/08

Community Foundation of Greater Flint

American Democracy Project - Academic Year 2007-2008

RENEE COLEEN ZIENTEK (Flint University Outreach)

\$23,500 09/05/07 - 09/04/08

Conference on Jewish Material Claims Against Germany, Inc.

Recovering Jewish Life in the Soviet Union, 1925-1941

ZVI Y GITELMAN (LSA Judaic Studies)

\$30,750 01/01/06 - 03/31/08

Creekside Community Development

Grantee Support MI AmeriCorps Partnership - 2007-09

MARGARET E DEWAR (Community Service Learning)

\$4,080 09/01/07 - 05/31/09

Cystic Fibrosis Foundation

Cystic Fibrosis Center

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

With RICHARD H SIMON (Int Med-Pulm./Critical Care)

\$161,395 07/01/07 - 06/30/08

DaimlerChrysler Corporation Fund

2007 Aid to Higher Education Program:

Fellowships in Sustainable Systems

JONATHAN W BULKLEY (Sch of Nat Resources & Environ)

\$40,000 08/02/07 - 05/31/08

Defense, Department of-Air Force, Department of the

Supplemental Funding:MACCA subcontract-Error Analysis on Unstructured Code

WEI SHYY (Aerospace Engineering)

\$163,046 04/10/06 - 04/09/10

Defense, Department of-Army, Department of the

Identifying and Harnessing Expertise In Online Forums

LADA A ADAMIC (School of Information)

With MARK STEVEN ACKERMAN (School of Information)

\$93,267 09/21/07 - 09/20/08

Design, Fabrication, and Control of a Bio-Inspired Terrestrial Micro-robot Based on Piezoelectric Actuation

KENN RICHARD OLDHAM (Mechanical Engineering)

\$479,992 09/20/07 - 09/30/10

Education, Department of

Modeling and Developing Situation Awareness in Teachers

KEVIN F MILLER (SOE-CPEP)

With KAI SCHNABEL CORTINA (LSA Psychology)

\$816,936 09/01/07 - 08/31/10

Adapted Assessment of Speed of Information Processing in Children with Cerebral Palsy

SETH A WARSCHAUSKY (Physical Medicine & Rehab Dept)

\$599,974 10/01/07 - 09/30/10

Edwards Lifesciences, LLC

Destiny Trial: Effects of Mitral Valve Annuloplasty with the Geofirm Ring on Left Ventricular Geometry and Function in Patients with Cardiomyopathy

RICHARD L PRAGER (Cardiac Surgery Section)

With STEVEN F BOLLING (Cardiac Surgery Section); WEI CHUNG LAU (Anesthesiology Department)

\$31,573 07/01/07 - 05/30/09

Electric Power Research Institute (EPRI)

Potential for Atom Probe Tomography in Understanding IASCC

GARY S WAS (Nuclear Eng & Radiological Sci)

\$252,700 09/01/07 - 06/30/10

Ellison Medical Foundation

The Physiological Role of Stem Cells in the Maintenance and Function of the Aging Brain

SEAN MORRISON (Life Sciences Institute-Admin)

\$782,959 11/01/07 - 10/31/11

Energy, Department of

CP-Odd Electric Dipole Moment Measurements with Rare Isotopes: The Radon-EDM (Electric Dipole Moment) Experiment

TIMOTHY E CHUPP (LSA Physics)

With WOLFGANG B LORENZON (LSA Physics)

\$78,000 08/15/04 - 07/14/10

Assuring GNEP Readiness at the University of Michigan

WILLIAM R MARTIN (Nuclear Eng & Radiological Sci)

With JOHN C LEE (Nuclear Eng & Radiological Sci)

\$99,919 09/10/07 - 09/09/08

The Role of RabA4b in Polarized Secretion of Cell Wall Components in Arabidopsis Root Hair Cells

ERIK E NIELSEN (LSA

Molec./Cell./Develop. Bio)

\$129,466 08/01/07 - 07/31/09

Two-Dimensional Electronic Spectroscopy of Light-Harvesting Complexes

JENNIFER P OGILVIE (LSA Physics)

\$203,000 09/01/07 - 08/31/10

Subgrid-Scale Mixing in Climate Models: A Novel Look at Diffusion, Accuracy, Stability, and Climate Sensitivity

RICHARD B ROOD (Atm, Oceanic & Space Sci.)

With CHRISTIANE JABLONOWSKI (Atm, Oceanic & Space Sci.)

\$949,522 08/01/07 - 07/31/11

Consortium on Cladding and Structural Materials for Advanced Reactor Systems

GARY S WAS (Nuclear Eng & Radiological Sci)

With LUMIN WANG (Nuclear Eng & Radiological Sci)

\$3,000,000 09/30/07 - 09/29/10

Mobile Robotics and Sensing-University Research Program in Robotics

DAVID K WEHE (Nuclear Eng & Radiological Sci)

\$993,000 09/01/07 - 08/31/08

Expedition Inspiration Fund for Breast Cancer Research

Pilot Study to Characterize Musculoskeletal Changes Ultrasonography in Women with Breast Cancer Treated with Aromatase Inhibitors

DANIEL F HAYES (Int Med-Hematology/Oncology)

\$10,000 07/01/07 - 06/30/08

Flint Downtown Development Authority

DDA Placemaking: Administrative Management for Great Cities Require Great Spaces

JOEL E RASH (Cntr for Entrpnshp and Bus Dev)

\$25,000 09/01/07 - 08/31/09

Focus: Hope

Repair, Restoration, Reconfiguration and Reconstruction (R) of Navy Components by Direct Metal Deposition (DMD) and Friction Stir Processing (FSP)

JYOTIRMOY MAZUMDER (CoE Claims Lab)

\$150,239 10/01/06 - 09/30/07

Ford Motor Company

Automatic Transmission Clutch Modeling

NIKOLAOS D KATOPODES (Civil & Environmental Engr)

\$199,534 08/01/07 - 07/31/09

Research in Neural Network Ensembles

YI LU MURPHEY (Dbn Col of Eng-Electric & Comp)

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

Robust Friction Estimation for Enhanced Active Safety

HUEI PENG (Mechanical Engineering)

\$189,975 08/01/07 - 08/31/09

UM-D Special American Business Internship Program (SABIT)

SUBRATA SENGUPTA (Dbn Col of Eng-ProfessionalDev)

\$83,000 12/01/07 - 11/30/08

Strategic Worldwide Transportation 2020

MICHAEL SIVAK (UMTRI-Human Factors)

With MICHAEL J FLANNAGAN (UMTRI-Human Factors)

\$60,000 08/11/07 - 08/11/08

Development of Practical and Robust SCR Catalysts for Diesel

RALPH T YANG (Chemical Engineering Dept)

\$200,000 08/01/07 - 07/31/09

General Electric Company

LMC Casting Experiments on Single

Crystal/Columnar Grained Superalloys

TRESA M POLLOCK (Materials Science & Engin.)

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

LMC Baffling Study

TRESA M POLLOCK (Materials Science & Engin.)

\$75,000 09/01/07 - 12/31/08

Getty, J. Paul, Trust

Ingres and Reconfigurations of the Classical Tradition in the Nineteenth Century

SUSAN L SIEGFRIED (LSA History of Art)

\$75,000 09/01/05 - 06/23/06

Global Partnership, Center for

Improving Quality of Care for Persons with Dementia and Their Caregivers: Developing a Japan/U.S. Network for Grassroots Exchange of Programs That Work

DARLENE KNAPP RACZ (Geriatrics Social Work)

\$60,000 04/01/07 - 09/30/08

Government of Singapore

High Performance Graphics in Virtual Machines

ATUL PRAKASH (CoE EECS-Ssrl)

\$85,861 12/01/07 - 11/30/08

GPA Technologies, Inc.

Wave Propagation Tension Measuring Concept - Extension

NOEL C PERKINS (Mechanical Engineering)

\$37,956 08/31/07 - 12/31/07

Great Lakes Fishery Trust

Analysis of Tagging Data to Quantify Lake Trout Migration in Lake Michigan

SARA ADLERSTEIN-GONZALEZ (Sch of Nat Resources & Environ)

With EDWARD S RUTHERFORD (Sch of Nat Resources & Environ)

\$120,381 10/01/07 - 10/31/09

Great Lakes Fishery Radio Broadcasts

MARK THOMAS BRUSH (Michigan Radio)

\$20,000 10/01/07 - 07/01/08

Guidance Center, The

Economic Evaluations of Mental Health Programs in Wayne County

DANIEL EISENBERG (Health Management and Policy)

\$38,844 09/01/07 - 08/31/08

Design for Virtual Workforce Database Management System

DALE KENT FITCH (School of Social Work)

\$22,936 07/01/07 - 12/31/07

HAMZTEC, LLC

Awareness Enhancement and Monitoring Device for Treatment of Trichotillomania

JOSEPH ALAN HIMLE (School of Social Work)

\$32,148 08/15/07 - 02/14/08

Health and Human Services, Department of Agency for Health Care Research and Quality

Essays on Long-Term Care Dynamics

RICHARD A HIRTH (Health Management and Policy)

\$28,745 09/05/07 - 09/04/08

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

Improving Public Health Practice through Translation Research (R18): Translating Teen Driver and Parent Interventions into Diverse Practice Settings

C RAYMOND BINGHAM (UMTRI-Social & Behav Analysis)

With CLEOPATRA HOWARD CALDWELL (Hlth Behavior & Hlth Ed Dept); EDITH A PARKER (Hlth Behavior & Hlth Ed Dept); JEAN T SHOPE (UMTRI-Social & Behav Analysis)

\$1,327,395 09/30/07 - 09/29/10

Urban Built Environments and Trajectories of Disability Among Older Adults

PHILIPPA J CLARKE (SRC-Social Envir & Health)

\$393,943 09/01/07 - 09/29/10

Improving Childhood Immunization Coverage Using a Statewide Immunization Registry

KEVIN JOHN DOMBKOWSKI (Pediatrics-Ambulatory Care Pgm)

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

\$440,000 09/30/07 - 09/29/09

Innovations to Improve Parent Contact

Information in Immunization Registries

KEVIN JOHN DOMBKOWSKI

(Pediatrics-Ambulatory Care Pgm)

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

\$200,000 09/01/07 - 08/31/09

Assessing the Impact of Federal and State Law on Public Health Preparedness

PETER D JACOBSON (Health Management and Policy)

\$724,004 09/30/07 - 09/29/09

Historical Study of Non-Pharmaceutical Interventions in the Influenza Pandemic of 1918-1920

HOWARD MARKEL (Ctr for History of Medicine)

With JULIAN ALEXANDER NAVARRO (Ctr for History of Medicine); ALEXANDRA STERN (Ctr for History of Medicine)

\$2,635,492 09/24/07 - 09/23/10

Health and Human Services, Department of Centers for Medicare and Medicaid Services

STRIVE (Skilled Nursing Facility Pharmaceutical Data: Preparation, Reconciliation and Analysis)

JEFFREY J ELLIS (College of Pharmacy)

\$29,991 09/13/07 - 09/12/08

Health and Human Services, Department of National Institutes of Health

Antecedents and Consequences of Drug Abuse: Heritability, Stress and Neuroplasticity

HUDA AKIL (Molecular & Behav Neurosc Inst)

With TERRY E ROBINSON (LSA Psychology); AUDREY F SEASHOLTZ (Molecular & Behav Neurosc Inst); DELIA M VAZQUEZ (Pediatrics-Endocrinology);

STANLEY J WATSON JR (Molecular & Behav Neurosc Inst)

\$6,348,675 09/25/07 - 06/30/12

Training in Older Adult Mobility Research
 NEIL BURTON ALEXANDER (Int Med-Geriatric Medicine)
 With ANDRZEJ T GALECKI (Institute of Gerontology); LINDA V NYQUIST (Institute of Gerontology)
 \$590,637 09/15/07 - 07/31/12

Electronic Journal Data Collection Technologies for Interdisciplinary Research
 WILLIAM G AXINN (Pop Studies-Research)
 With MICHAEL COUPER (SRC-Survey Methodology Prog); ELIZABETH A YOUNG (Molecular & Behav Neurosc Inst)
 \$1,200,000 09/26/07 - 07/31/11

Transsulfuration and Hyperhomocysteinemia
 RUMA BANERJEE (Biological Chemistry Dept)
 \$1,681,647 09/10/07 - 07/31/12

Cranberry Juice and Urinary Tract Infections - Supplement
 CIBELE T BARBOSA-CESNIK (Epidemiology Department)
 With MORTON B BROWN (Biostatistics Department); BETSY FOXMAN (Epidemiology Department)
 \$230,782 01/01/07 - 12/31/07

Structure and Function of a Signal-Regulated Developmental Enhancer
 SCOTT E BAROLO (Cell and Developmental Biology)
 \$1,444,000 09/14/07 - 08/31/12

Understanding Racial Disparities in Cancer Surgery
 JOHN D BIRKMEYER (General Surgery Section)
 \$671,394 09/14/07 - 08/31/12

Structure, Process and Outcomes in Cancer Surgery
 JOHN D BIRKMEYER (General Surgery Section)
 \$90,107 09/01/07 - 08/31/08

Translational Research in Cancer Prevention
 DEAN E BRENNER (Int Med-Hematology/Oncology)
 \$40,000 09/20/07 - 08/31/09
 University of Michigan CCOP Research Base
 DEAN E BRENNER (Univ of Mich Cancer Center)
 \$14,723 08/03/06 - 05/31/08

Genetics, Brain Activity, and Relapse to Alcoholism
 KIRK J BROWER (Psych Substance Abuse)
 With MARGIT BURMEISTER (Molecular & Behav Neurosc Inst)
 \$372,913 09/20/07 - 08/31/09

Dynamics of Vascular Microbubbles and Microdroplets in Gas Embolotherapy
 JOSEPH L BULL (Biomedical Engineering)
 With J BRIAN FOWLKES (Radiology Department); OLIVER DANIEL KRIPFGANS (Radiology Department)
 \$1,693,156 09/12/07 - 05/31/11

Michigan Center for Integrative Approaches to Health Disparities (CIAHD)
 ANA V DIEZ ROUX (Epidemiology Department)
 With JAMES S JACKSON (RCGD-Rsrch Cntr for Grp Dyn); GEORGE A KAPLAN (Epidemiology Department); SHARON REILLY KARDIA (Epidemiology Department); JEFFREY D MORENOFF (Population Studies Center); TRIVELLORE E RAGHUNATHAN (Biostatistics Department); MELVYN RUBENFIRE (Int Med-Cardiology); ELIZABETH A YOUNG (Molecular & Behav Neurosc Inst)
 \$6,936,508 09/01/07 - 08/31/12

Normal and Aberrant Switch Recombination to the Murine Alpha Heavy Chain Gene

WESLEY DUNNICK (Microbiology and Immunology)

With DAVID O FERGUSON (Pathology Department)

\$411,666 09/17/07 - 08/31/09

Effects of Physical Assistance on Walking Balance

DANIEL P FERRIS (Division of Kinesiology)

\$56,884 10/01/07 - 09/30/09

Unique Surface Structures on Synovial Cells

DAVID A FOX (Int Med-Rheumatology)

\$1,448,720 09/01/07 - 08/31/12

Predictors of Adherence and Continuity for Parents of Newborns

GARY L FREED (Pediatrics-Ambulatory Care Pgm)

With KATHRYN LOUISE MOSELEY (Pediatrics-Ambulatory Care Pgm)

\$395,172 09/25/07 - 08/31/10

Variation in Immunization Practices

GARY L FREED (Pediatrics-Ambulatory Care Pgm)

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

\$300,000 09/30/06 - 09/29/08

Ecologic Stressors, PTSD, and Drug Use in Detroit

SANDRO GALEA (Epidemiology Department)

With ALLISON ELIZABETH AIELLO (Epidemiology Department); JORGE DELVA (School of Social Work); LARRY M GANT (School of Social Work); ROBERT W MARANS (SRC-Survey Research Center); TRIVELLORE E RAGHUNATHAN (Biostatistics Department); KRISTINE ANN SIEFERT (School of Social Work)

\$3,181,615 09/01/07 - 08/31/12

Factors in Aging: Development Research Resources

MYRON P GUTMANN (ICPSR-Archival Development)

\$2,869,949 09/01/07 - 08/31/12

Staging Reproductive Aging in Four Cohorts: Issues of Hormone Use Spotting Bias

SIOBAN D HARLOW (Epidemiology Department)

With RODERICK J LITTLE (Biostatistics Department); BIN NAN (Biostatistics Department); JOHN F RANDOLPH JR (Obstetrics and Gynecology Dept)

\$1,098,878 09/30/07 - 08/31/10

Developing a Tool to Improve the Quality of Breast Cancer Treatment Decisions

SARAH T HAWLEY (Int Med-General Medicine)

With NANCY K JANZ (Hlth Behavior & Hlth Ed Dept); STEVEN J KATZ (Int Med-General Medicine); LISA A NEWMAN (General Surgery Section); VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)

\$334,400 09/20/07 - 08/31/09

Multipotent Lung Mesenchymal Cells in Neonatal Lung Injury

MARC B HERSHENSON (Pediatrics-Pulmonary Medicine)

With SEM H PHAN (Pathology Department)

\$1,368,000 09/28/07 - 06/30/11

Hemoprotein-Catalyzed Oxygenation of Carcinogens

PAUL F HOLLENBERG (Pharmacology Department)

\$2,058,069 09/01/07 - 07/31/12

Microtubule Mechanisms at the Nanoscale

ALAN J HUNT (Biomedical Engineering)

\$1,098,906 09/21/07 - 08/31/11

Diet and Exercise Counseling Among Patients with CHD

ELIZABETH JACKSON (Int Med-Cardiology)

\$254,070 05/01/07 - 07/31/09

Drug Use and Life Styles of American Youth
LLOYD D JOHNSTON (SRC-Studies of Youth)
With JERALD G BACHMAN (SRC-Studies of Youth); PATRICK M O'MALLEY (SRC-Studies of Youth); JOHN E SCHULENBERG (SRC-Studies of Youth)
\$24,821,647 08/01/07 - 07/31/12

A Cohort-Sequential Panel Study of Drug Use, Ages 19-50
LLOYD D JOHNSTON (SRC-Studies of Youth)
With JERALD G BACHMAN (SRC-Studies of Youth); PATRICK M O'MALLEY (SRC-Studies of Youth); JOHN E SCHULENBERG (SRC-Studies of Youth)
\$8,239,782 08/01/07 - 07/31/12

Antipsychotics and Mortality in Older Patients
HELEN C KALES (Psych Vamc)
With FREDERIC C BLOW (Psych HlthSvc Outcome Research); HYUNGJIN MYRA KIM (Ctr Statistical Consul & Res); JOHN F MCCARTHY (Psych Vamc); MARCIA ANN VALENSTEIN (Psych Vamc)
\$1,324,214 09/07/07 - 04/30/10

Hormone-Receptor-MMP Axis in Degenerative TMJ (Temporomandibular Joint) Diseases
SUNIL D KAPILA (Orthodontics/Pediatric Dentist)
With THOMAS M BRAUN (Sch of Public Hlth-Dean's Ofc); RENNY T FRANCESCHI (Periodontics and Oral Medicine); WEI WANG (Orthodontics-Dentistry)
\$1,843,000 09/01/07 - 07/31/12

Traumatic Grief and Mental Health Outcomes in Parentally Bereaved Children
JULIE BETH KAPLOW (Psychiatry Department)
\$687,960 07/01/07 - 07/31/11

Alternative Vacuolar Targeting Mechanisms in Yeast
DANIEL J KLIONSKY (Life Sciences Institute-Admin)
\$2,628,046 09/28/07 - 05/31/11

A Life-Cycle Analysis of Health, Family Structure, Wealth and Retirement
JOHN P LAITNER (SRC - Life-Cycle Economics)
With CHRISTOPHER L HOUSE (SRC-Hrs); DANIEL SUSMAN SILVERMAN (SRC-Hrs); DMITRIY L STOLYAROV (SRC-Hrs)
\$1,193,649 09/15/07 - 07/31/10

Brain and Behavior in Early Iron Deficiency
BETSY LOZOFF (Center for Human Growth & Dev)
With ROSA M ANGULO-BARROSO (Center for Human Growth & Dev); NIKO KACIROTI (Center for Human Growth & Dev)
\$6,261,696 07/01/07 - 07/31/12

Neuromaturational Delays in Iron Deficient Anemic Infants
BETSY LOZOFF (Center for Human Growth & Dev)
With ROSA M ANGULO-BARROSO (Center for Human Growth & Dev); MARGIT BURMEISTER (Center for Human Growth & Dev); BARBARA TRUE FELT (Center for Human Growth & Dev); NIKO KACIROTI (Center for Human Growth & Dev); DANIEL P KEATING (Center for Human Growth & Dev); CHRISTOPHER STEPHEN MONK (Center for Human Growth & Dev)
\$4,000,877 04/01/07 - 06/30/12

Memory Training: Strategies Underlying Success and Transfer
CINDY ANN LUSTIG (LSA Psychology)
\$124,640 09/15/07 - 08/31/09

The Impact of Innate Neuronal Immunity on Neurotropic Arbovirus Pathogenesis
 DAVID MILLER (Int Med-Infectious Diseases)
 With ZHAOHUI QIN (Biostatistics Department); DAVID H SHERMAN (Life Sciences Institute-Admin)
 \$405,000 09/19/07 - 08/31/09

Dizziness in the Emergency Department: A Population-Based Project
 LEWIS B MORGENSTERN (Neurology Department)
 With A MARK FENDRICK (Int Med-General Medicine)
 \$796,500 09/05/07 - 07/31/12

Design of Small Molecules Acting at Regulators of G Protein Signaling
 RICHARD ROBERT NEUBIG (Pharmacology Department)
 \$1,613,657 09/30/07 - 08/31/12

Protein-DNA Dynamics in Base Excision DNA Repair
 PATRICK O'BRIEN (Biological Chemistry Dept)
 \$1,444,000 09/26/07 - 07/31/12

Transfer of Children to Level 1 Pediatric Intensive Care Units
 FOLAFOLUWA O ODETOLA (Pediatrics-Ambulatory Care Pgm)
 With GARY L FREED (Pediatrics-Ambulatory Care Pgm)
 \$396,900 09/25/07 - 08/31/10

The Epidemiology of Adipokines in Barrett's Esophagus
 CHUNG OWYANG (Int Med-Gastroenterology)
 \$758,981 09/01/07 - 08/31/12

The Role of SEPT9 in Cell Proliferation and Oncogenesis
 ELIZABETH M PETTY (Int Med-Molecular Med&Genetics)
 \$15,756 01/01/07 - 12/31/07

Barriers and Opportunities for Sharing Research Data
 AMY PIENTA (ICPSR-Archival Development)
 \$532,000 09/30/07 - 08/29/09

Supplement to SPORE in Prostate Cancer: Discovering Classes of ETS Gene Fusions in Prostate Cancer
 KENNETH J PIENTA (Univ of Mich Cancer Center)
 With ARUL M CHINNAIYAN (Pathology Department)
 \$350,000 06/01/07 - 05/31/08

Role of Diesel and Other Vehicular Exhaust in Exacerbation of Childhood Asthma
 THOMAS G ROBINS (Environmental Health Sciences)
 With STUART ARTHUR BATTERMAN (Environmental Health Sciences); BARBARA ANNE ISRAEL (Hlth Behavior & Hlth Ed Dept); TOBY C LEWIS (Pediatrics-Pulmonary Medicine); ANNA MARTA MICHALAK (Civil & Environmental Engr); BHRAMAR MUKHERJEE (Biostatistics Department); EDITH A PARKER (Hlth Behavior & Hlth Ed Dept)
 \$3,986,457 09/18/07 - 06/30/12

In Vivo Screening of Cholinergic Cognition Enhancers
 MARTIN FRIEDRICH SARTER (LSA Psychology)
 With VINAY VIJAY PARIKH (LSA Psychology)
 \$367,308 09/01/07 - 08/31/09

Catalysis by Prostaglandin Endoperoxide H Synthases
 WILLIAM L SMITH (Biological Chemistry Dept)
 With MARC PETERS-GOLDEN (Int Med-Pulm./Critical Care)
 \$1,841,307 09/01/07 - 07/31/11

Neural Bases of Effectiveness of Individually Tailored Smoking Cessation Messages
VICTOR J STRECHER (Hlth Behavior & Hlth Ed Dept)

With ISRAEL LIBERZON (Psychiatry-ASAP); THAD A POLK (LSA Psychology); ROBERT C WELSH (Radiology Department)
\$1,140,000 09/20/07 - 08/31/10

Upgrades for the University of Michigan Center for Structural Biology

JEANNE A STUCKEY (Life Sciences Institute-Admin)
\$312,000 09/20/07 - 09/19/08

U-Turn of the Hepatitis Delta Virus Ribozyme

NILS G WALTER (LSA Chemistry)
\$1,073,709 09/01/07 - 06/30/11

Adenovirus Modulation of Pulmonary Inflammation

JASON B WEINBERG (Pediatrics-Infectious Diseases)
\$390,454 09/01/07 - 08/31/10

Health and Retirement Study

DAVID R WEIR (SRC-Hrs)
\$1,500,000 05/01/07 - 12/31/07

Health and Retirement Study SSA Yr 18 IAA

DAVID R WEIR (SRC-Hrs)
\$2,575,000 09/30/07 - 12/31/07

I2 Rider Supplement to LIDC/IDRI to P30 CA046592-19

MAX S WICHA (Univ of Mich Cancer Center)

With PEYTON H BLAND (Radiology Department); ELLA A KAZEROONI (Radiology Department); CHARLES R MEYER (Radiology Department); LESLIE EISENBUD QUINT (Radiology Department); BASKARAN SUNDARAM (Radiology Department)
\$114,000 06/01/07 - 05/31/08

University of Michigan Comprehensive Cancer Center Support Grant - caBIG Supplement

MAX S WICHA (Univ of Mich Cancer Center)
\$59,280 06/01/07 - 05/31/08

The Molecular Basis of Head and Neck Cancer Therapy - Bridging Funds Request

GREGORY T WOLF (Otorhinolaryngology Department)

With THOMAS E CAREY (Kresge Hearing Research Inst); KITRINA G CORDELL (Oral Med/Path/Oncology); NISHA J D'SILVA (Oral Med/Path/Oncology); JONATHAN B MCHUGH (UMH H.O. Core Pathology); JACQUES EDUARDO NOR (Cariology, Restor Sci & Endo); MUKESH KUMAR NYATI (Radiation Oncology - Ann Arbor); JEREMY M G TAYLOR (School of Nursing)

\$1,148,858 07/01/07 - 06/30/08

Structure and Function of Problems in the Unfolded Protein Response

ZHAOHUI XU (Life Sciences Institute-Admin)

\$121,038 09/24/07 - 08/31/08

Computational Statistic Approaches to Gene-Environment Interaction

SEBASTIAN K ZOELLNER (Biostatistics Department)

With MICHAEL LEE BOEHNKE (Biostatistics Department); NOAH A ROSENBERG (Human Genetics Department)

\$1,116,600 09/21/07 - 07/31/10

IL-17+ Cells in the Human Tumor

Microenvironment

WEIPING ZOU (Surgery Department)
\$76,000 08/01/07 - 07/31/08

Henry Ford Health System

The Impact of Diabetes Control on Employment and Work Productivity

SANDEEP VIJAN (Int Med-General Medicine)
\$13,119 08/01/07 - 07/31/08

Honda R & D Company, Ltd.

The Honda Visiting Scientist Program - Dowling

DAVID R DOWLING (Mechanical Engineering)
\$45,000 06/01/07 - 07/31/08

Hope Foundation, The

Aventis Urologic Oncology Fellowship Program
through SWOG

CHERYL T LEE (Urology Surgery)

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

ICON Clinical Research, Inc.

A 12-Week, Multicenter, Randomized, Double-
Blind, Parallel-Group Study of the Combination
of ABT-335 and Rosuvastatin Compared to ABT-
335 and Rosuvastatin Monotherapy in Subject
with Type IIa and IIb Dyslipidemia

ROBERT S ROSENSON (Int Med-

Cardiology)

\$25,864 07/01/07 - 06/30/08

InformMed, Inc

InformMed Database Validation

JAMES G STEVENSON (College of
Pharmacy)

\$4,663 09/01/07 - 10/31/07

Innovative BioTherapies

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

CHARLOTTE M MISTRETTA (Office of
Research - Dentistry)

\$242 07/01/05 - 06/30/08

Interior, Department of the

Measuring River Cross Section with Radar

MAHTA MOGHADDAM (CoE EECS-
Rad)

\$36,000 06/30/07 - 06/30/09

Great lakes Summer Student Fellowship Program
2008

EDWARD S RUTHERFORD (SNRE
CILER)

\$15,000 07/01/07 - 06/30/12

International Business Machines Corporation

Direct Nanopatterning of Conductors for
Molecular & Ultrahigh Density Applications

STEPHEN R FORREST (CoE EECS-
Ssel)

\$33,000 07/01/07 - 06/30/08

International Council for Canadian Studies

Transboundary Environmental Governance: The
Second Century

BARRY GEORGE RABE (G. Ford Sch of
Public Policy)

\$13,000 09/12/07 - 01/15/09

Jet Propulsion Laboratory

DRDF - Surface and Subsurface Chemistry on
Titan

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

\$80,000 08/14/07 - 07/20/08

Multidisciplinary System Engineering:

Development of a CubeSat for Ionospheric
Electric Field Measurements

NILTON O RENNO (Space Physics
Research Lab)

\$20,000 09/05/07 - 07/20/08

Johns Hopkins University

Childhood Development After Cochlear
Implantation

TERESA A ZWOLAN (Otology-
Neurotology)

\$69,085 07/06/07 - 06/30/08

Justice, Department of

Using Technology to Combat Violence Against
Women: The Case for Indian Country

GAVIN STUART CLARKSON (School
of Information)

\$499,984 08/01/07 - 08/31/10

Custody Evaluators Beliefs about Domestic
Abuse Allegations

DANIEL G SAUNDERS (School of
Social Work)

With KATHLEEN C FALLER

(School of Social Work); RICHARD

M TOLMAN (School of Social Work)

\$318,212 08/01/07 - 07/31/09

Labor, Department of

Evaluation of the ILAB Matrix for Monitoring
International Labor Standards

LAWRENCE ROOT (Inst of Labor &
Industrial Rel)

\$199,965 09/17/07 - 03/16/09

Law Library Microform Consortium

LLMC-Digital: Conversion Services FY08

CHARLES PERRY WILLETT

(University Library)

\$150,000 07/01/07 - 06/30/08

Los Alamos National Laboratory

Advanced Methods for the Analysis of Image & Image-Like Data

SELIM ESEDOGLU (LSA Mathematics)

\$17,635 01/01/06 - 12/31/08

Los Alamos National Security, LLC

Particle Identification and Oscillation Sensitivity Analysis for MiniBooNE Experiment (Year 3 Funding)

HAIJUN YANG (LSA Physics)

With BYRON P ROE (LSA Physics)

\$60,000 10/01/06 - 09/30/08

Lumina Foundation for Education

Reframing the Conversation on Immigration: A Proposal Calling for Dialogue on How Policies and Practices of Immigration Affect Educational Access and Civic Participation

JOHN C BURKHARDT (SOE-CSHPE)

\$51,300 06/01/07 - 06/01/08

Lupus Foundation of America

Mechanisms of Abnormal Phenotype and Function of Bone Marrow Endothelial Progenitor Stem Cells

MARIANA J KAPLAN (Int Med-Rheumatology)

With WILLIAM J MCCUNE (Int Med-Rheumatology); EMILY

CATHERINE SOMERS (Int Med-Rheumatology)

\$100,000 10/01/07 - 09/30/08

MacArthur, John D. and Catherine T., Foundation

The Preservation of the Project on Human Development in Chicago Neighborhood Research and Human Subjects Materials

CHRISTOPHER D MAXWELL (ICPSR-Archival Development)

\$63,300 09/01/07 - 08/31/08

MD Primer, Inc.

Scleroderma Pulmonary Hypertension Quality Enhancement Research Initiative (S-QuERI)

KRISTINE PHILLIPS (Int Med-Rheumatology)

\$121,500 09/14/07 - 09/13/13

Merck and Company, Inc.

Activity of Aurora Kinase Inhibitor MK-0457(VX-680) in Imatinib Resistant Chronic Myelogenous Leukemia

NICHOLAS J DONATO (Int Med-Hematology/Oncology)

With MOSHE TALPAZ (Int Med-Hematology/Oncology)

\$41,600 08/01/07 - 07/31/08

Michigan Campus Compact

The ARThouse project

CHARLES C BRIGHT (LSA UG: Residential College)

\$5,980 09/01/07 - 08/31/08

Real Media Leadership Literacy Training

ELIZABETH B MOJE (SOE-Educational Studies)

\$5,960 09/01/07 - 08/31/08

Michigan State University

Identification of Probiotic Lactobacillus Reuteri Strains for the Treatment of Pediatric Diarrhea

KATHRYN A EATON (Lab Animal Medicine Unit)

\$101,081 06/01/07 - 05/31/09

PCR Microarray Fabrication for Pathogen Detection

ERDOGAN GULARI (Chemical Engineering Dept)

\$249,550 01/18/07 - 04/18/10

Mathematicians and Mathematic Educators Collaborating on Capstone Courses for Secondary Teachers

KIRK EDWARD WELLER (Flint Mathematics)

\$16,000 01/07/08 - 05/02/08

Michigan, State of, Michigan Economic Development Corporation

Regional Economic Models

GEORGE A FULTON (Inst of Labor & Industrial Rel)

\$100,000 10/01/07 - 09/30/08

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

Assessment of Effectiveness of Proposed "Keep
Right Pass Left" Signs on Two-Lane Rural
Freeways

FRANCOIS DION (Transportation
Systems Group)
\$24,925 09/11/07 - 12/28/08

Mott, Ruth Foundation

Collaborative Evaluation of the Ruth Mott
Foundation's Beautification Program

THOMAS M REISCHL (Hlth Behavior &
Hlth Ed Dept)
With SUSAN MORREL-SAMUELS
(Hlth Behavior & Hlth Ed Dept);
MARC A ZIMMERMAN (Hlth
Behavior & Hlth Ed Dept)
\$590,679 08/01/07 - 07/31/10

**National Aeronautics and Space
Administration**

The Detection of Hot Gaseous Halos Around
Spiral Galaxies

JOEL N BREGMAN (LSA Astronomy)
\$24,000 09/26/07 - 09/25/08

Multidisciplinary Passive/Active Optimization of
Helicopter Rotors for Vibration and Noise
Reduction

PERETZ P FRIEDMANN (Aerospace
Engineering)
\$30,000 09/01/07 - 08/31/08

Michigan Initiative on Student NASA Exploration
Research (MISNER)

ALEC D GALLIMORE (Aerospace
Engineering)
\$46,000 07/01/07 - 06/30/09

The Interaction of Fast Flowing Plasmas with
Nonmagnetic Solar System Bodies

ANDREW F NAGY (Space Physics
Research Lab)
\$24,000 09/01/07 - 08/31/08

Development of a Geosynchronous Temperature
and Humidity Sounder/Imager: Year 3 Renewal

CHRISTOPHER S RUF (Atm, Oceanic &
Space Sci.)
\$24,000 09/01/07 - 08/31/08

Hurricane Imaging Radiometer (HIRad):
OMEGA DBE

CHRISTOPHER S RUF (Space Physics
Research Lab)

\$150,000 08/10/07 - 08/09/08

Proactive System Design and Evaluation:
Supporting Pilot-Automation Interaction Through
Empirical and Modeling Analyses

NADINE BARBARA SARTER (Center
for Ergonomics)

\$745,565 09/10/07 - 09/09/10

An Optical Survey for Space Debris in
Geosynchronous Orbit

PATRICK O SEITZER (LSA Astronomy)
\$76,680 06/01/07 - 06/30/08

Spacecraft Optimization: Coupling Trajectory,
Propulsion, and Power Systems

THOMAS H ZURBUCHEN (Space
Physics Research Lab)

\$30,000 09/01/05 - 08/31/08

National Bureau of Economic Research

Moving to Opportunity

BETH-ELLEN PENNELL (Survey
Research Organization)

\$524,683 10/01/06 - 09/30/09

National Childhood Cancer Foundation

Chair Grant Year 5 Renewal Amendment - Study
Chair, Children's Oncology Group Chair's Grant

PATRICIA L ROBERTSON (Pediatrics-
Neurology)

\$13,212 03/01/07 - 02/28/08

National Endowment for the Humanities

The Golden Chronicle: Translation of a 20th
Century Tibetan Text

DONALD S LOPEZ JR (LSA Asian
Languages & Cultures)

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

National Science Foundation

DHB: The Dynamics of Political Representation
and Political Rhetoric (subcontract)

STEVEN P ABNEY (LSA Linguistics)
\$15,760 09/01/06 - 08/31/08

PIRE (Partnerships for International Research and Education) Collaborative Research and Training in Social Context, Population Processes, and Environmental Change
WILLIAM G AXINN (Pop Studies-Research)
\$2,492,303 10/01/07 - 09/30/12

Collaborative Research: Sustainability in Disruptive Technology Contexts: Dynamic Capabilities and the Locus of Innovation
BRUCE M BELZOWSKI (UMTRI-Automotive Analysis Div.)
\$150,000 11/01/07 - 10/31/10

Planning Visit for US-China-EU Collaborative Research on Coupled Ecological and Human Dynamics Poyang Lake Basin, China
KATHLEEN MARY BERGEN (Sch of Nat Resources & Environ)
With SHUMING BAO (LSA II:International Institute); DANIEL G BROWN (Sch of Nat Resources & Environ)
\$19,998 09/24/07 - 09/30/08

Molecules and the Process of Star and Planet Formation
EDWIN ANTHONY BERGIN (LSA Astronomy)
With NURIA PILAR CALVET (LSA Astronomy)
\$367,011 09/15/07 - 08/31/10

CMG Research: Adaptive Mesh Refinement in Climate and Weather-Forecasting: Comparing and Blending Finite Volume Methods with Vortex/Radial Basis Function Algorithms
JOHN P BOYD (Atm, Oceanic & Space Sci.)
With CHRISTIANE JABLONOWSKI (Atm, Oceanic & Space Sci.); ROBERT KRASNY (LSA Mathematics)
\$423,865 10/01/07 - 09/30/09

Collaborative Research: Social Identity, Mechanism Design and Equilibrium Selection
YAN CHEN (School of Information)
With MARGARET J SHIH (LSA Psychology)
\$232,363 09/01/07 - 08/31/10

III-CIXT: Digital Tribal Government: The Tribal Finance Information Clearinghouse (TFIC)
GAVIN STUART CLARKSON (School of Information)
\$449,867 09/15/07 - 08/31/10

Fostering Interest in Information Technology (FI3T)
MESUT DURAN (Dbn School of Education)
With MARGRET H HOFT (Dbn CASL-Math & Statistics); BRAHIM MEDJAHED (Dbn Col of Eng-Computer & Info); ELSAYED A ORADY (Dbn Col of Eng-Indust & Sys En); PAUL W ZITZEWITZ (Dbn CASL-Natural Sciences)
\$900,000 09/01/07 - 08/31/10

SGER: First Young Investigators Summer Research Institute of the Consortium for the Science Socio-Technical Systems
THOMAS A FINHOLT (SI Crew)
\$75,028 08/15/07 - 07/31/08

Ion-Cut Synthesis for Materials Integration
RACHEL S GOLDMAN (Materials Science & Engin.)
With KATSUYO S THORNTON (Materials Science & Engin.); MICHAEL D THOULESS (Mechanical Engineering)
\$100,000 09/15/07 - 08/31/10

Implementing Supranational Justice: Policymakers and the European Court of Justice
SCOTT EDWARD LENNARSON GREER (Health Management and Policy)
\$156,055 01/01/08 - 12/31/09

Dechlorination of VC (Vinyl Chloride) and Cis-DCE (Cis-Dichloroethene) by Reduced Iron Minerals Produced Under Iron and Sulfate Reducing Conditions
KIM F HAYES (Civil & Environmental Engr)
\$341,010 09/15/07 - 08/31/10

Incentives for Data Producers to Create Archive-ready Data Sets

MARGARET L HEDSTROM (School of Information)

With MYRON P GUTMANN
(ICPSR-Archival Development)
\$49,882 08/01/07 - 07/31/08

(Doctoral Dissertation Improvement Grant)

Language, Space and Identity: Linguistic Practices Among Youth in Lamu (Kenya)

JUDITH T IRVINE (LSA Anthropology)
\$11,589 09/01/07 - 03/31/09

SGER: An Exploration of the Presentation Data Model

HOSAGRAHAR V JAGADISH (CoE EECS-Ssrl)
\$149,998 09/15/07 - 08/31/09

Collaborative Research: An Experimental Study of Collusion & Communication

KAI-UWE KUHN (LSA Economics)
\$198,998 09/01/07 - 08/31/10

A Novel Low Phase Noise Multiple-device Oscillator

AMIR MORTAZAWI (CoE EECS-Rad)
\$304,026 09/15/07 - 08/31/10

Independence, Interdependence and Analytic Versus Holistic Cognition

RICHARD E NISBETT (RCGD-Rsrch Cntr for Grp Dyn)
With SHINOBU KITAYAMA
(RCGD-Rsrch Cntr for Grp Dyn)
\$419,599 09/01/07 - 08/31/10

Controlling Superconducting Qubits

FRANCO M NORI (LSA Physics)
\$300,000 09/15/07 - 08/31/10

SGER: Design Technologies for Nanoscale VLSI

MARIOS C PAPAETHYMIOU (CoE EECS-Acal)
\$150,000 09/15/07 - 08/31/09

Structural, Mechanistic and Evolutionary Basis for the Utilization of the Quinone Methide Intermediate in the Biosynthesis of Plant Specialized Metabolites

ERAN PICHERSKY (LSA Molec./Cell./Develop. Bio)
\$606,608 09/15/07 - 08/31/11

Contextual Investigation of Constraint-Based Dynamic Scheduling

MARTHA E POLLACK (School of Information)

With NED L KIRSCH (Physical Medicine & Rehab Dept); KAREM A SAKALLAH (CoE EECS-Acal)
\$801,893 09/15/07 - 08/31/10

Collaborative Research: Mapping the Galactic Arcicibo Sky in the 21-cm Line

MARY E PUTMAN (LSA Astronomy)
\$249,967 09/15/07 - 08/31/10

Doctoral Dissertation Research

KENNETH RESNICOW (Hlth Behavior & Hlth Ed Dept)
\$10,470 09/15/07 - 08/31/08

Workshop Proposal: The 10th International Workshop on Modeling of Mantle Convection and Lithosphere Dynamics

JEROEN RITSEMA (LSA Geological Sciences)
\$15,500 09/15/07 - 08/31/08

Computational Foundations of Information Markets

RAHUL SAMI (School of Information)
\$270,000 09/01/07 - 08/31/10

Doctoral Dissertation Proposal: Survey Measurement in Aging Societies

NORBERT W SCHWARZ (SRC-Survey Methodology Prog)
\$10,272 09/01/07 - 08/31/08

Continuity and Change in American and Social Life: (USDA pass through)

FRANK P STAFFORD (SRC-Psid)
With ROBERT F SCHOENI (SRC-Psid)
\$1,000,000 03/01/07 - 02/29/08

Cyclical, Intergenerational, & Life Course Measure & Behavior: The Panel Study of Income Dynamics (ASPE and HUD pass through funding)

FRANK P STAFFORD (SRC-Psid)
With ROBERT F SCHOENI (SRC-Psid)
\$385,215 03/01/07 - 02/29/08

Collaborative Proposal: Universal Design of Inquiry-Based Middle and High School Science Curriculum

LEEANN MARIE SUTHERLAND (SOE-Educational Studies)

With JOSEPH S KRAJCIK (SOE-Educational Studies)

\$1,197,616 09/15/07 - 08/31/11

Collaborative Research: SBES Alliance: CUNY/Michigan Alliance

JANET A WEISS (Graduate School Administration)

With TONI C ANTONUCCI (Graduate School Administration)

\$294,320 10/01/07 - 09/30/10

Spatial and Social Networks in Organizational Innovation

JEAN D WINEMAN (Coll of Arch & Urban Planning)

With GERALD F DAVIS (Ross School of Business); JUDITH SPENCER OLSON (SI Crew);

JASON D OWEN-SMITH (LSA Sociology); SOPHIA PSARRA (Coll of Arch & Urban Planning)

\$540,000 09/01/07 - 08/31/10

NEC Laboratories America, Inc.

Information Flow Across Community Boundaries

LADA A ADAMIC (School of Information)

\$18,000 09/01/07 - 12/31/07

NeuroSystem

Pilot Study: Effects of Various Injected Intra-Cochlear Doses of NST-001 and Potential Interaction with Anesthetics That Have NMDA Antagonist Activity JOSEF M MILLER (Kresge Hearing Research Inst)

With RICHARD A ALTSCHULER (Kresge Hearing Research Inst)

\$6,721 11/29/06 - 05/04/07

Newberry Library

Mellong Postdoctoral Fellowship - Cellini Among the Freemasons: Language Natural Science and Politics in the Eighteenth Century

THOMAS CHAUNCY WILLETTE (LSA History of Art)

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

Novartis

Extension to, A Multicenter, Randomized, Crossover, Open-Label, Dose-Finding Study to Compare the Safety, Efficacy and PK/PD Relationship of Multiple Doses of SOM230 (200, 400 and 600 ug bid) and Doses of Open-Label Sandostatin (100 ug tid) in Acromegalic Patients

ARIEL L BARKAN (Metabolism, Endo & Diabetes)

\$148,819 11/01/04 - 02/28/07

Peace Corps

Strategy Contract FY08 (Peace Corps Recruitment)

WILLIAM E NOLTING (International Center)

\$13,605 10/01/07 - 09/30/08

Pfizer, Inc.

Family Reading and Science

AMY S HARRIS (LSA UG: Exhibit Museum)

\$9,500 09/01/07 - 08/31/08

Project Healthy Schools: Implementation with At-Risk Populations

LAVAUGHN M PALMA-DAVIS (UMH MWorks Administration)

\$5,000 07/06/07 - 05/31/08

Plastic Surgery Educational Foundation

Breast Reconstruction Decision-Making and Outcomes in Latinas and African-Americans

AMY K ALDERMAN (Plastic Surgery Section)

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

Pohang University of Science & Technology (Postech)

Distributed Detection of Attacks/Intrusions and Prevention of Resource-Starvation Attacks in Mobile Ad Hoc Networks

KANG GEUN SHIN (CoE EECS-Rtcl)

\$74,750 07/01/07 - 06/30/08

Princeton University

Transduction of Metabolic to Electric Energy
through Vectorial Cell Growth
JOERG LAHANN (Chemical Engineering
Dept)
\$7,599 05/01/07 - 06/30/08

Procter and Gamble Company

IBD Patient Forum Flyer
PETER DOYLE HIGGINS (Int Med-
Gastroenterology)
\$9,810 07/15/07 - 12/31/08

Purdue University

Racial Differences in Physician-Patient
Communication for Cancer Pain Management
JENNIFER J GRIGGS (Int Med-
Hematology/Oncology)
\$7,113 06/06/07 - 05/31/08

Radiation Monitoring Devices, Inc.

Development of TIBr (Thallium Bromide)
Semiconductor Gamma-Ray Spectrometers
ZHONG HE (Nuclear Eng & Radiological
Sci)
\$500,000 03/15/07 - 03/14/10

Low Cost Individual Dosimeters Using Solid-
State Photomultipliers

DAVID K WEHE (Nuclear Eng &
Radiological Sci)
\$50,000 02/01/07 - 01/31/09

Sage, Russell, Foundation

Visiting Scholar Program
PHOEBE C ELLSWORTH (LSA
Psychology)
\$85,214 09/01/07 - 08/31/08

Visiting Scholar Award

SAMUEL R GROSS (Law Research
Faculty Activity)
\$114,657 09/01/07 - 06/30/08

San Francisco General Hospital

Adherence and the Economics of Colon Cancer
Screening
SANDEEP VIJAN (Int Med-General
Medicine)
\$62,690 08/16/06 - 07/31/07

Sandia National Laboratories

Peripheral Nerve Devices - 2
DARYL R KIPKE (Biomedical
Engineering)
\$65,000 09/21/06 - 09/20/07

**Sarcoma Alliance for Research Through
Collaboration (SARC)**

UMCC2007.016 SARC 006: Phase II Trial of
Neoadjuvant Chemotherapy in Sporadic and
Neurofibromatosis Type 1-Associated High-
Grade Unresectable Malignant Peripheral Nerve
Sheath Tumors
SCOTT M SCHUETZE (Int Med-
Hematology/Oncology)
\$21,575 04/30/07 - 10/01/09

Seashell Technology, LLC

Testing for Seashell Technology, LLC
STEVEN L CECCIO (Mechanical
Engineering)
\$9,000 07/01/07 - 10/31/07

Shell Oil Company

Shell Oil Company Field Excursion: Jackson
Hole, WY
KYGER C LOHMANN (LSA Geological
Sciences)
\$25,000 08/24/07 - 09/30/07

St. Jude Children's Research Hospital

Childhood Cancer Survivors Study
JAMES G GURNEY (Pediatrics-
Ambulatory Care Pgm)
\$28,772 07/01/07 - 11/30/07

St. Luke's Women Center

Grantee Support MI AmeriCorps Partnership -
2007-09
MARGARET E DEWAR (Community
Service Learning)
\$3,300 09/01/07 - 05/31/09

**The American Friends of the Warburg
Institute (AFWI)**

Samuel H. Kress Visiting Fellowship: Staging the
Eucharist-Late Medieval Sacrament Houses
Central Europe
ACHIM TIMMERMANN (LSA History
of Art)
\$47,500 10/01/07 - 06/30/08

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

Activity of New, Targeted, Antiviral Drugs and Prodrugs

JOHN C DRACH (Biologic and Materials Science)

\$325,574 08/15/07 - 07/31/10

Toyota Motor Company, Ltd.

Human Body Data Research Project - Average Adult Male

STEWART C WANG (General Surgery Section)

\$166,796 09/01/07 - 08/31/08

Toyota Technical Center, USA, Inc.

Pi-Pi Interactions in Polymers

JENNIFER ANNE MCNEIL (LSA Chemistry)

\$13,000 10/01/07 - 09/30/08

Transportation, Department of-Federal Transit Administration

Evaluating Transportation Equity with the Concept of Accessibility: A Case Study of Detroit

JOSEPH DONALD GRENGS (Urban Planning)

\$162,533 12/29/06 - 12/28/10

Transportation, Department of-National Highway Traffic Safety Administration

Behavioral Research (Field Data Collection, Statistical Analysis and Focus Groups) for Traffic Safety: Task Order--Fitness to Drive in Early Stage Dementia

DAVID W EBY (UMTRI-Social & Behavior Analysis)

With DAVID JAMES LEBLANC (UMTRI-Engineering Research)

\$198,777 02/06/07 - 05/06/08

Behavioral, Technology, and Human Factors Research: Task Order--Fitness to Drive in Early Stage Dementia

DAVID W EBY (UMTRI-Social & Behavior Analysis)

With DAVID JAMES LEBLANC (UMTRI-Engineering Research)

\$126,129 08/31/07 - 04/30/09

Biomechanical Research Support (Year 3 Support)

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

With MATTHEW PAUL REED (UMTRI-Biosciences); JONATHAN DAVID RUPP (UMTRI-Biosciences); MARK R SOCHOR (UMTRI-Biosciences)

\$754,739 04/20/06 - 04/19/08

Biomechanical Research Support (Pre-award Expenses)

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

With MATTHEW PAUL REED (UMTRI-Biosciences); MARK R SOCHOR (UMTRI-Biosciences)

\$34,425 04/01/05 - 04/20/05

Transtec Group, Inc.

Assist the Transtec Group to Develop and Test the Profiler Certification Module

TIMOTHY J GORDON (UMTRI-Engineering Research)

\$6,440 09/17/07 - 11/30/07

Troy Chamber of Commerce

The January 2008 Detroit Design Charrette: Walkable Urbanism Strategic Plan

CHRISTOPHER BROWN

LEINBERGER (Urban Planning)

With LARISSA SUSAN LARSEN (Urban Planning)

\$25,000 07/01/07 - 04/30/08

TRW, Inc.

Determination of Elastic Constants of Brake Pad Material Using Vibration Data

CHUNHUI MEI (Dbn Coll of Eng-Mechanical Eng)

\$20,000 09/01/07 - 08/31/08

Grid-Size Influence on Simulated Turbulent Burning Velocity in Hydrogen-Air Mixture

WEI SHYY (Aerospace Engineering)

\$20,000 09/01/07 - 08/31/09

United States Automotive Materials Partnership

Effect of Surface Treatment on Adhesive Joining of Magnesium

PANKAJ K MALLICK (Dbn-Col of Eng & Com Sci-CLAMP)
\$50,000 09/01/07 - 08/31/08

University of Berne

Correlating Cytokine Levels to Development of Experimental Gingivitis

WILLIAM V GIANNOBILE
(Periodontics and Oral Medicine)
\$35,360 07/01/07 - 12/31/07

University of California

Radiation Transport Methods Research for Stochastic Media and Semi-Implicit Time Discretizations

EDWARD W LARSEN (Nuclear Eng & Radiological Sci)
\$70,000 08/14/07 - 08/13/08

University of California - Berkeley

Development of High Power Quantum Dot Pump Lasers

PALLAB K BHATTACHARYA (CoE EECS-Ssel)
\$10,000 05/01/07 - 10/31/07

Mickey - RWJ Fellowship

ROBERT W MICKEY (LSA Political Science)
\$103,040 08/01/07 - 07/31/08

University of California - San Francisco

Genetic and Neural Basis of Sensory Perception, Behavior and Drug Dependence in C. Elegans

XIAN-ZHONG SHAWN XU (Life Sciences Institute-Admin)
\$240,000 07/01/07 - 06/30/11

University of Connecticut

Novel Precursors for Plasma Spray Generation of Oxide Nanopowders

RICHARD M LAINE (Materials Science & Engin.)
\$110,000 04/16/07 - 04/15/09

University of Illinois at Urbana-Champaign

Membrane Biofilm Studies in ICT-1 Increasing Drinking Water Supplies, to Gain New Waters from and Desalination from the "Sea to Sink to the Sea Again"

LUTGARDE M RASKIN (Civil & Environmental Engr)
\$62,500 02/01/06 - 07/31/08

University of Maryland, The

Genome-Wide Search for CVD Gene-Environment Interactions

PATRICIA A PEYSER (Epidemiology Department)

With LAWRENCE F BIELAK (Epidemiology Department); JULIE ANN DOUGLAS (Human Genetics Department)

\$105,711 07/15/07 - 05/31/08

Constellation University Institute Project (CUIP)

WEI SHYY (Aerospace Engineering)

With IAIN D BOYD (Aerospace Engineering); CARLOS E CESNIK (Aerospace Engineering); WERNER J A DAHM (Aerospace Engineering); JAMES F DRISCOLL (Aerospace Engineering); KENNETH G POWELL (Aerospace Engineering); ANTHONY M WAAS (Aerospace Engineering)
\$697,193 10/01/07 - 09/30/08

University of Wisconsin

Further Development and Optimization of the Ballast-Free Ship Design Concept

MICHAEL G PARSONS (Naval Arch & Marine Dept)
\$44,000 10/01/07 - 09/30/08

Valley Area Agency on Aging

Healthy Aging Physical Therapy Department Faculty Practice Service Project: Year Three Renewal

LUCINDA A PFALZER (Flint Physical Therapy)

With DONNA KAY FRY (Flint Physical Therapy); LAURA M LOVASCO (Flint Physical Therapy); BECKY J RODDA (Flint Physical Therapy)
\$7,106 04/01/07 - 04/30/08

Washtenaw United Way

Hurricane Katrina Evacuees

CAROLYN J HASTINGS (UMH Housing
Bureau/Senior)

\$753 09/10/05 - 12/31/05

Wayne State University

Feasibility of Diabetes Prevention in Arab
Americans

MORTON B BROWN (Biostatistics
Department)

\$17,389 09/01/07 - 08/31/08

Tacrolimus and Plasmapheresis in Treatment-
Resistant Focal Segmental Glomerulosclerosis
(FSGS)

WILLIAM E SMOYER (Pediatrics-
Nephrology)

\$16,875 08/30/06 - 08/31/07

Wisconsin Electric

HRAs and Evaluation of We Energies Health
Management Program

DEE W EDINGTON (Health
Management Research Ctr)

\$150,000 01/01/07 - 12/31/10

WorldWide Strategies, Inc (WSI)

Chinese Rule of Law Project

JINYUN LIU (Inst of Labor & Industrial
Rel)

\$1,000 09/01/07 - 09/30/07