

AWARDS ESTABLISHED
Research and Other Sponsored Activities
July 1, 2011 through September 30, 2011

Received by the Regents October
13, 2011

The awards detailed in this list were established July 1, 2011 through September 30, 2011. 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 established. 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 2011	Number of Awards FY 2012	% Change	Value of Awards FY 2011	Value of Awards FY 2012	% Change
Total Awards Processed (September)	322	279	-13.4%	\$ 169,145,202	\$ 178,621,136	5.6%
Research Awards	253	222	-12.3%	\$ 147,499,523	\$ 168,702,546	14.4%
Research Training	17	9	-47.1%	\$ 5,247,204	\$ 2,729,786	-48.0%
Other Sponsored Activity	52	48	-7.7%	\$ 16,398,475	\$ 7,188,804	-56.2%
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Total Awards Processed Fiscal Year to Date	914	887	-3.0%	\$ 407,582,585	\$ 425,226,306	4.3%
Research Awards	685	640	-6.6%	\$ 337,673,186	\$ 391,705,839	16.0%
Research Training	74	67	-9.5%	\$ 36,155,630	\$ 14,785,375	-59.1%
Other Sponsored Activity	155	180	16.1%	\$ 33,753,769	\$ 18,735,092	-44.5%

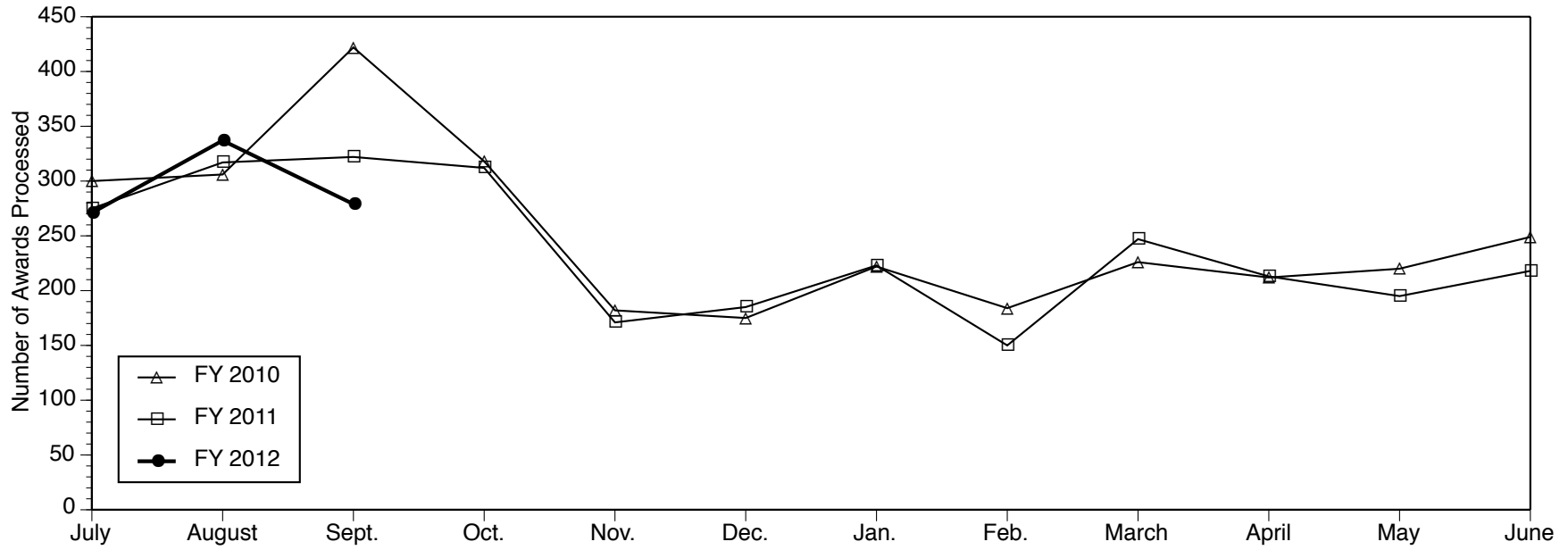
While the number of total awards has decreased both in September's activity and year-to-date activity, the dollar value of total awards has increased. During the past month a \$13.3 million award was processed, funded by the National Science Foundation. Without this award, total dollar value would have decreased in September when compared with the same time period last year. Several other large awards were processed since the beginning of FY 2012, which has resulted in the year-to-date dollars to increase despite a decline in the number of awards.

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

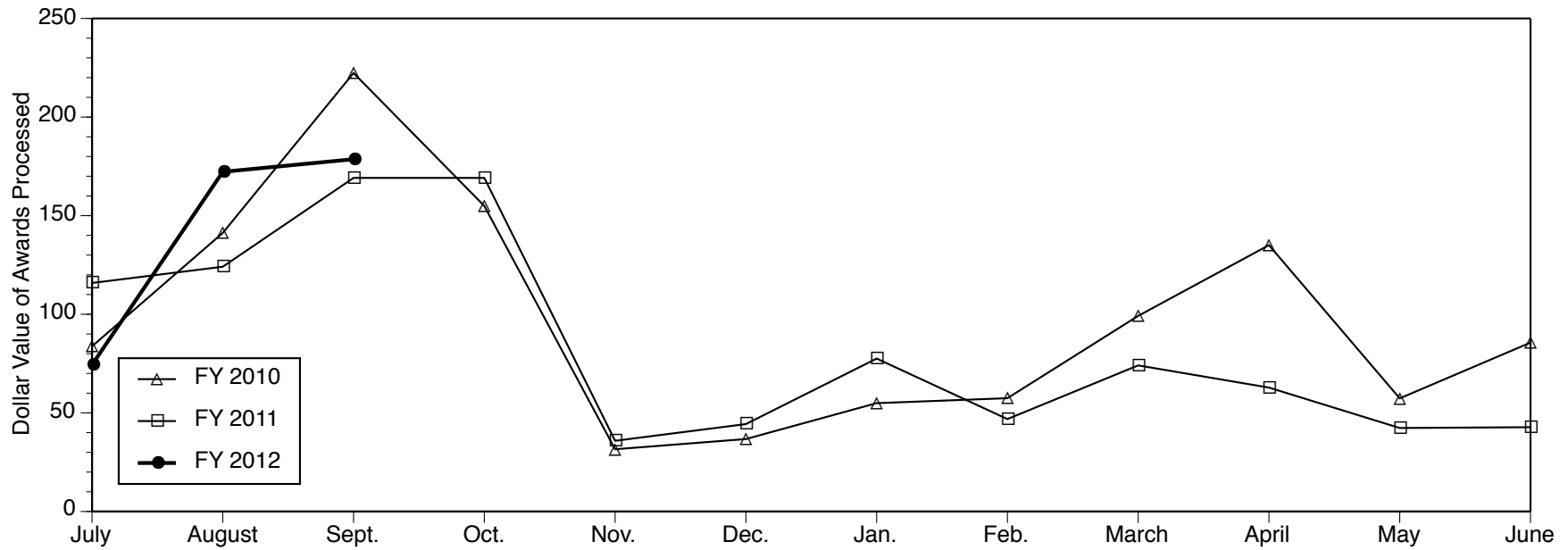
	Federal Expendable Restricted	Other Funds	Total Expenditures
August 2011	\$ 144,488,005	\$ 76,509,159	\$ 220,997,164
August 2010	\$ 147,367,634	\$ 63,336,949	\$ 210,704,582
Percent Change	-2.0%	20.8%	4.9%

Source: Division of Research Development and Administration

Number of Awards Processed



Dollar Value of Awards Processed



Data Source: Division of Research Development and Administration

AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

September 01, 2011 through September 30, 2011

The awards listed here by direct sponsor were established during the month designated in the heading above. For each award, the listing includes the award title, the principal investigator(s), the proposal administrative department, participating investigators with specified effort, the estimated amount awarded for the award period, and the estimated award period.

3M (Minnesota Mining and Manufacturing Company)

Clinical Evaluation of Chairside CAD/CAM Nano-Ceramic Restorations

DENNIS J FASBINDER (DENTCariology,Restor Sci &Endo)

\$228,510 12/10/2010 - 11/30/2014

Advanced Technologies and Regenerative Medicine, LLC (ATRM)

Vistakon Microvalve

YOGESH B GIANCHANDANI (COE EECS - ECE - WIMS - ERC)

\$46,024 07/01/2011 - 12/31/2011

American Academy of Implant Dentistry

The effect of VEGF on the growth, mineralization and expression of osteogenesis related molecules of adipose-derived stem cell (ADSC) grown on novel fluorapatite (FA) coated implant surface (Clark)

BRIAN H CLARKSON (DENTCariology,Restor Sci &Endo)

\$2,000 09/01/2011 - 08/31/2012

American Chemical Society

Editorial assistance for the Journal of Medicinal Chemistry

SHAOMENG WANG (Int Med-Hematology/Oncology)

\$57,200 08/01/2011 - 07/31/2012

American Council of Learned Societies

Global Perspectives on the History of Chinese Legal Medicine

MIRANDA D BROWN (LSA Asian Languages & Cultures)

\$15,000 08/15/2011 - 12/31/2011

American Society for Surgery of the Hand

Measuring Quality of Life in Neonatal Brachial Plexus Palsy: A Qualitative and Quantitative Study

KEVIN CHI CHUNG (Plastic Surgery Section)

\$30,500 09/01/2011 - 08/31/2013

American Tinnitus Association, The

Somatosensory Influence on Physiological and Behavioral Correlates of Tinnitus - Towards an Effective Technique for Alleviating Tinnitus

SUSAN E SHORE (Kresge Hearing Research Inst)

\$45,000 09/01/2011 - 09/01/2012

Ann Arbor, City of

Meal Delivery to the Homebound

SHARON A REDMER (UMH AA Meals on Wheels - Gifts)

\$23,914 07/01/2011 - 06/30/2012

ARTIS Research and Risk Modeling Corporation

Case-Based Influence in Conflict Management- Amendment #1

ROBERT AXELROD (G. Ford Sc Pub Pol)

\$82,800 06/01/2010 - 05/31/2014

Battelle Memorial Institute

Reliable Leader-Follower & Tracking Technologies for Unmanned Ground Vehicles

DAWN M TILBURY (Mechanical Engineering)

with JOHANN BORENSTEIN

\$555,000 08/18/2011 - 02/14/2013

Breast Cancer Research Foundation, The

Regulation of Breast Cancer Invasion/Metastasis Programs

STEPHEN J WEISS (Life Sciences Institute)

with RUI LIU

XIAO-YAN LI

\$225,000 10/01/2011 - 09/30/2012

Brigham and Women's Hospital

Computed Tomographic characterization of subjects enrolled in the STATCOPE Investigation

MEILAN K HAN (Int Med-Pulm./Critical Care)

\$33,252 02/07/2011 - 01/31/2012

Brookings Institution

Demographic Research with The Brookings Institution

WILLIAM H FREY (Pop Studies-Research)

\$26,214 09/01/2011 - 08/31/2012

Buhlmann Laboratories AG

Buhlmann Calprotectin ELISA method comparison to predictive device for FDA clearance

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$209,154 08/01/2011 - 07/31/2012

Charles Pankow Foundation

Effect of Shear Stud Layout on the Seismic Behavior of Slab-Column Connections

GUSTAVO J PARRA-MONTESINOS (Civil & Environmental Engr)

\$162,000 07/01/2011 - 02/28/2013

Children's Hospital of Boston

Simons Subcontract with Harvard for Fiona Miller's VIP work

FIONA K MILLER (Univ Ctr for Child & Family)

\$57,550 05/01/2011 - 07/31/2011

Chrysler LLC

Crash Avoidance Braking - Driver Reactions (Chrysler Challenge Fund)

PAUL A GREEN (UMTRI-Driver Interface)

\$98,457 09/03/2011 - 06/30/2012

Columbia University

IES Center Proposal National Research and Development Center on Postsecondary Education and Employment

SUSAN MARIE DYNARSKI (G. Ford Sc Pub Pol)

with BRIAN AARON JACOB

PETER RILEY BAHR

\$280,435 07/01/2011 - 06/30/2012

Commerce, Department of-National Oceanic and Atmospheric Administration

Enhancing Outreach on Climate Change, Variability, and Uncertainty in the Great Lakes Region

JENNIFER READ (SNRE Michigan Sea Grant)

\$119,892 05/01/2011 - 06/30/2012

Communications Materials to Convey the Importance of NOAA's Contributions to the Great Lakes Restoration Initiative

ALLEN BURTON (SNRE CILER)

\$7,492 07/01/2011 - 06/30/2012

The effects and impacts of hypoxia on production potential of ecologically and commercially important living resources in the northern Gulf of Mexico

ALLEN BURTON (SNRE CILER)

\$107,467 07/01/2011 - 06/30/2012

Implementation of 2011 GLOS Nearshore Observing Network

ALLEN BURTON (SNRE CILER)

with GUY A MEADOWS

THOMAS H JOHNGEN

\$700,000 07/01/2011 - 06/20/2012

Sea Grant/GLERL Great Lakes Sea Grant Network Agent

JAMES STEPHEN DIANA (SNRE Michigan Sea Grant)

\$73,056 02/01/2011 - 01/31/2013

Modeling sea ice-ocean-ecosystem responses to climate changes in the Bering-Chukchi-Beaufort seas with data assimilation of RUSALCA measurements

ALLEN BURTON (SNRE CILER)

\$158,426 07/01/2011 - 06/30/2012

Adaptive Integrated Framework (AIF): a new methodology for managing impacts of multiple stressors in coastal ecosystems

ALLEN BURTON (SNRE CILER)

with DMITRY BELETSKY

THOMAS H JOHNGEN

\$331,254 07/01/2011 - 06/30/2012

Changes in food-web dynamics of southern Lake Michigan

ALLEN BURTON (SNRE CILER)

\$30,000 07/01/2011 - 06/30/2012

Status and Trends of Benthic Macroinvertebrates in the Great Lakes

ALLEN BURTON (SNRE CILER)

\$42,492 07/01/2011 - 06/30/2012

Expansion and Enhancement of NOAA's Great Lakes Aquatic Nonindigenous Species Information System (GLANSIS)

ALLEN BURTON (SNRE CILER)

\$29,039 07/01/2011 - 06/30/2012

Mechanistic Approach to Identify the Role of Pathogens in Causing Diporeia spp. Decline in the Laurentian Great Lakes

ALLEN BURTON (SNRE CILER)

\$98,400 07/01/2011 - 06/30/2012

Community Foundation of Greater Flint

Christopher Paul Curtis Writing Adventure

ROSE A CASEMENT (Flint Education)

\$4,500 09/01/2011 - 01/31/2012

Defense, Department of-Air Force, Department of the

Atom-Photon Entanglement for Long Distance Quantum Communication

AARON EDWARD LEANHARDT (LSA Physics)

\$382,224 09/01/2011 - 08/31/2014

A Technology Demonstrator for Composable Space Weather Satellite Missions

JAMES W CUTLER (Aerospace Engineering)

\$110,000 09/01/2011 - 08/31/2013

Vascular Injury Advanced Training

JONATHAN L ELIASON (Vascular Surgery Section)

with LENA M NAPOLITANO

ROBERT BRENT STANSFIELD

\$353,136 09/12/2011 - 09/11/2013

Defense, Department of-Army, Department of the

Charge Storage Properties of Early Transition Metal Nitrides

LEVI THEODORE THOMPSON (Chemical Engineering Dept)

with ALICE ELEANOR SYLVIA SLEIGHTHOLME

\$52,385 09/15/2011 - 02/14/2012

High Framing Rate Digital Cameras for Characterizing Dynamic Response and Failure of 3D Textile Composites for Army Applications

ANTHONY M WAAS (Aerospace Engineering)

\$173,645 09/01/2011 - 08/31/2012

Home-Based Diagnosis and Management of Sleep-Related Breathing Disorders in Spinal Cord Injury

ROBERT G SITRIN (Int Med-Pulm./Critical Care)

with ANTHONY E CHIODO

GIANNA M RODRIGUEZ

HELENA SCHOTLAND

KRISTY ANN BAUMAN

\$1,248,585 09/30/2011 - 10/29/2015

Biomechanical Parameters for Military External Fixators

PAUL JOSEPH DOUGHERTY (Orthopaedic Surgery)

\$157,361 09/15/2011 - 10/14/2013

RI: Autonomous Mobility Applique Systems (AMAS)

STEVE UNDERWOOD (Dbn College of Eng-CEEP)

\$855,097 09/08/2011 - 09/07/2012

Predicting the Fate and Effects of Resuspended Metal Contaminated Sediments

ALLEN BURTON (SNRE CILER)

\$30,281 09/15/2011 - 02/23/2013

Defense, Department of-Navy, Department of the

Package of Silica for Timing & Inertial Measurement (PASTIME)

KHALIL NAJAFI (COE EECS - ECE - SSEL)

with BECKY LORENZ PETERSON

MINA RAIESZADEH

NOEL C PERKINS

\$1,270,585 09/13/2011 - 09/12/2012

High Energy Neutron Beams from Intense Laser Plasma Interactions

KARL MICHAEL KRUSHELNICK (Nuclear Eng & Radiological Sci)

with ANATOLY M MAKSIMCHUK

BIXUE HOU

\$1,100,000 09/12/2011 - 09/12/2014

Duke University

ACOSOG Competing Renewal

LISA A NEWMAN (GSA - Surgical Oncology (SON))

\$3,792 12/01/2010 - 11/30/2011

Eaton Corporation

Eaton Corporation Partner Agreement 9/14/11 thru 9/13/12

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$2,500 09/14/2011 - 09/13/2012

ElectroDynamic Applications, Inc.

High Power High Thrust Ion Thruster

JOHN EDISON FOSTER (Nuclear Eng & Radiological Sci)

\$199,682 07/01/2011 - 06/30/2013

Energy, Department of

Response of Simple, Model systems to Extreme Conditions

RODNEY C EWING (LSA Earth & Environmental Sci.)

with MAIK KURT LANG

\$197,000 05/01/2011 - 04/30/2012

Energy-Angle Correlations in Spontaneous- and Induced Fission Neutron Emissions

SARA A POZZI (Nuclear Eng & Radiological Sci)

\$899,776 07/28/2011 - 07/27/2014

ATOMIC SURFACE STRUCTURE OF COMPOUND SEMICONDUCTOR NANOWIRES

JOANNA MIRECKI-MILLUNCHICK (Materials Science & Engin.)

\$35,136 01/01/2011 - 12/31/2011

Florida Medical Quality Assurance, Inc

CROWNWeb

JOHN D KALBFLEISCH (Biostatistics Department)

\$222,456 09/01/2011 - 06/30/2012

Ford Motor Company

Map-derived Navigation and Mapping

RYAN M EUSTICE (Naval Arch & Marine Dept)

\$42,572 09/01/2011 - 05/31/2012

CAE Model Extrapolation for New Design Concepts

ZHIMIN XI (Dbn Col of Eng-Indust & Sys En)

\$30,000 08/01/2011 - 07/31/2016

Foundational Questions in Physics and Cosmology Institute c/o NPT

The Ultimate Fate of Dark Matter Halos

FRED C ADAMS (LSA Physics)

\$3,500 09/01/2011 - 08/31/2012

Gilead Sciences, Inc.

Pharmacokinetics of Single-Dose Oral Ranolazine in Hemodialysis Patients.

BRUCE A MUELLER (PHARMACY Clin, Soc & Admin Sci)

with BARRY E BLESKE

JONATHAN H SEGAL

MICHAEL HEUNG

\$120,000 11/11/2010 - 04/30/2012

Pharmacokinetics of Single-Dose Oral Ranolazine in Hemodialysis Patients - Supplement

BRUCE A MUELLER (PHARMACY Clin, Soc & Admin Sci)

\$10,000 07/01/2011 - 04/30/2012

Great Lakes Fishery Trust

Great Lakes Aquatic Habitat Framework

CATHERINE M RISENG (Sch of Nat Resources & Environ)

\$527,229 09/01/2011 - 05/01/2014

Harvard University

W.E.B. Du Bois Fellowship

PAOLO ASSO (LSA Classical Studies)

\$25,000 08/16/2011 - 05/31/2012

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

Predictors of Response to Perinatal Depression Treatment: Establishing Processes and Infrastructure for Multisite Effectiveness Research

HEATHER A FLYNN (Psychiatry Depression Center)

\$99,998 09/30/2011 - 10/01/2011

V-BID Center Symposium 2011: The State of Value-Based Insurance Design

DEAN G SMITH (Health Management and Policy)

\$45,297 09/30/2011 - 03/31/2012

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

Joint Initiative in Vaccine Economics, Phase 4

LISA PROSSER (Pediatrics-Ambulatory Care Pgm)

with DAVID W HUTTON
WEN YE

\$897,258 09/01/2011 - 08/31/2014

University of Michigan Future Public Health Leaders Program (FPHLP)

RICHARD L LICHTENSTEIN (Health Management and Policy)

with HOWARD HU
MARTIN A PHILBERT
MELISSA A VALERIO
PHYLLIS DENISE MEADOWS
SELA V PANAPASA

\$4,013,490 09/15/2011 - 09/14/2016

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

End Stage Renal Disease (ESRD) Data Utilization

JOSEPH M MESSANA (Int Med-Nephrology)

with ALAN B LEICHTMAN
DOUGLAS E SCHAUBEL
JOHN C MAGEE
JOHN D KALBFLEISCH
YI LI

\$6,859,171 09/30/2011 - 09/26/2016

Health and Human Services, Department of-Food and Drug Administration

University of Michigan MPED & PMDI Pediatric Medical Device Consortium

JAMES DUNCAN GEIGER (Pediatric Surgery Section)

with ALBERT J SHIH
BLAKE J ROESSLER
DANIEL H TEITELBAUM
DARYL R KIPKE
DAVID BLAAUW
GAIL MARY ANNICH
JEANNE M NERVINA
JEFFREY L MYERS
JULIAN WAN
LEONARD M MIDDLETON
ROBERT HAWES BARTLETT
SUNIL D KAPILA
THOMAS C KINNEAR
ULYSSES J BALIS
YOGESH B GIANCHANDANI

\$2,200,000 09/15/2011 - 08/31/2013

A Statewide Pediatric Safety Collaboration to Standardize Compounded Oral Liquids

JAMES G STEVENSON (PHARMACY Clin, Soc & Admin Sci)

with SCOTT LOUIS CIARKOWSKI

\$150,000 09/15/2011 - 09/14/2014

Health and Human Services, Department of-Health Resources and Services Administration

Flint HCOP

SUZANNE M SELIG (Flint Dept Pub Hlth & Hlth Sci)

with DONNA KAY FRY

\$1,756,186 09/01/2011 - 08/31/2014

Health and Human Services, Department of National Institutes of Health

Physiology of Inflammatory Arthritis in High Resolution

XUEDING WANG (Department of Radiology)

with JAMIE MYLES

JEFFREY BRIAN FOWLKES

MARIANA J KAPLAN

YEBIN JIANG

\$2,627,703 09/06/2011 - 06/30/2016

Matrix Metalloproteinase-Dependent Angiogenesis

STEPHEN J WEISS (Life Sciences Institute-Admin)

\$1,566,570 09/01/2011 - 07/31/2016

Genomic Stability Functions of SMC Proteins in Germ Cells

RAYMOND C CHAN (Human Genetics Department)

\$1,477,250 09/05/2011 - 06/30/2016

An Outcome Study of Rheumatoid Hand Arthroplasty

KEVIN CHI CHUNG (Plastic Surgery Section)

with HYUNGJIN MYRA KIM

\$1,689,295 09/05/2011 - 08/31/2016

Crystallization of outer membrane proteins for export of polysaccharide capsule

MARK A SAPER (Biological Chemistry Dept)

\$412,640 09/30/2011 - 08/31/2013

Preclinical development of an NT3-expressing HSV vector

DAVID J FINK (Neurology Department)

with MARINA MATA

\$3,168,442 09/01/2011 - 08/31/2014

Improving Transition Outcomes through Accessible Health IT and Caregiver Support

JOHN D PIETTE (Int Med-General Medicine)

with BRENT C WILLIAMS

CAROLINE S BLAUM

CHRISTOPHER S KIM

EVE ASKANAS KERR

STEVEN J BERNSTEIN

\$2,884,761 09/01/2011 - 08/31/2016

Histotripsy for Urinary Stone Comminution

TIMOTHY LEWIS HALL (Biomedical Engineering)

with CHARLES A CAIN

DOUGLAS L MILLER

WILLIAM W ROBERTS

ZHEN XU

\$2,095,271 09/15/2011 - 08/31/2016

Biosynthetic Analysis of Marine Cyanobacterial Pathways

DAVID H SHERMAN (Life Sciences Institute-Admin)

JANET L SMITH (Life Sciences Institute-Admin)

\$1,854,805 09/14/2011 - 05/31/2016

Mastectomy Reconstruction Outcome Consortium (MROC Study)

EDWIN G WILKINS (Plastic Surgery Section)

with DEAN G SMITH
HYUNGJIN MYRA KIM
NANCY K JANZ
RANDY SCOTT ROTH

\$5,162,967 08/01/2011 - 05/31/2016

Improvement of microcalcification detection in digital breast tomosynthesis

HEANG-PING CHAN (Department of Radiology)

with ALEXANDER TSODIKOV
CHINTANA PARAMAGUL
CHUAN ZHOU
JEFFREY A FESSLER
JUN WEI
LUBOMIR M HADJIYSKI
MARILYN A ROUBIDOUX
MARK A HELVIE
MITCHELL M GOODSITT

\$3,206,233 09/02/2011 - 07/31/2016

Regulation of Retroocular Connective Tissue

TERRY SMITH (Ophthalmology & Visual Science)

\$1,925,292 09/01/2011 - 08/31/2016

Machine Learning Tools for Prognostication in Melanoma

MOUSUMI BANERJEE (Biostatistics Department)

with MICHAEL S SABEL
SANDRA LYNN WONG

\$353,775 09/20/2011 - 08/31/2013

Slit-Robo Signaling in Tumor Growth and Metastasis

JIAN-GUO GENG (DENT Bio & Materials Science)

\$937,774 09/06/2011 - 11/30/2013

*Role of the Dopaminergic Reward System in Substance Abuse Risk
(Weiland K Award)*

JON K ZUBIETA (Psych Substance Abuse)

\$789,321 09/15/2011 - 08/31/2016

New Alkene Difunctionalization Reactions for Organic Synthesis

JOHN P WOLFE (LSA Chemistry)

\$1,117,081 09/01/2011 - 04/30/2015

Michigan Center for Diabetes Translational Research (P30)

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

with ANGELA TSAI FAGERLIN
BARBARA ANNE ISRAEL
CAROLINE R RICHARDSON
CAROLYN M SAMPSELLE
JOHN D PIETTE
LAWRENCE C AN
LEE ALBERT GREEN
LISA PROSSER
MARTHA M FUNNELL
MARY ELLEN MICHELE HEISLER
MORTON B BROWN
NOREEN M CLARK
ROBERT M ANDERSON
RODNEY A HAYWARD
TIMOTHY P HOFER
WEN YE

\$2,519,426 09/06/2011 - 08/30/2016

A Randomized Control Trial of Tobacco Tactics for Operating Engineers

SONIA A DUFFY (SON-Grants)

with CAROLINE R RICHARDSON
DAVID L RONIS
DEVON NOONAN
JOHN D MEEKER

\$369,106 09/13/2011 - 08/31/2013

Initiation of Epigenetic Transcriptional Regulation

SUNDEEP KALANTRY (Human Genetics Department)

\$2,332,500 09/30/2011 - 08/31/2016

Cancer Epidemiology Education in Special Populations

AMR S SOLIMAN (Epidemiology Department)

with ALLISON ELIZABETH AIELLO
DANA DOLINYOY
MARK L WILSON
PATRICIA BRIDGET MULLAN
ROBERT CHAMBERLAIN
STEPHEN B GRUBER

\$1,595,415 09/01/2011 - 08/31/2016

Single Cell with One Particle Entry (SCOPE) for Study of HIV Infection

WEI CHENG (PHARMACY Pharmaceutical Sci)

\$2,332,500 09/30/2011 - 08/31/2016

Development of novel anti-leukemia agents targeting the menin-MLL interaction

JOLANTA E GREMBECKA (Pathology Department)

with DUXIN SUN
JAY L HESS
TOMASZ CIERPICKI

\$1,679,150 09/01/2011 - 07/31/2016

Targeting SMURF2 as a novel therapy for EGFR driven tumors

DIPANKAR RAY (Radiation Oncology - Can Bio)

with DAVID G BEER
GUOAN CHEN
MATTHEW JASON SCHIPPER
MUKESH KUMAR NYATI

\$1,470,018 09/01/2011 - 07/31/2016

Extracellular ATP in biofilm formation and wound infection

CHUANWU XI (Environmental Health Sciences)

with STEWART C WANG

\$1,441,889 09/10/2011 - 08/31/2016

Predicting Caries Risk in Underserved Toddlers in Primary Healthcare Settings

MARGHERITA R FONTANA (DENTCariology, Restor Sci & Endo)

with JAMES M LEPKOWSKI

\$7,569,792 09/23/2011 - 07/31/2016

Central Nervous System Mechanisms in Knee Osteoarthritis (KOA)

CHAD MICHAEL BRUMMETT (Anesthesiology Department)
DANIEL J CLAUW (Anesthesiology Department)

with ALEXANDER TSODIKOV
ANDREW GRAY URQUHART
BRIAN R HALLSTROM
DAVID A WILLIAMS
KRISTINE PHILLIPS
STEVEN EDWARD HARTE

\$3,378,361 08/01/2011 - 05/31/2016

Using the Dynamics of Happiness to Measure the Subjective Importance of Events

MILES S KIMBALL (SRC-Hrs)

with DANIEL SUSMAN SILVERMAN
NORBERT SCHWARZ
ROBERT J WILLIS

\$1,375,000 09/15/2011 - 06/30/2016

E. coli virulence gene expression during clinical UTIs in women

HARRY L T MOBLEY (Microbiology and Immunology)

with GARY J FAERBER

\$933,000 09/15/2011 - 07/31/2015

Health and Retirement Study SUPPLEMENT Fed FY2011 DMC Support

DAVID R WEIR (SRC-Hrs)

\$20,000 09/15/2011 - 12/31/2011

Survey Measures of Subjective Well-being: Age, Appraisal, and Cognition Effects

JACQUI SMITH (SRC-Hrs)

with LINDSAY H RYAN
NORBERT SCHWARZ
RICHARD D GONZALEZ
ROBERT STEVEN STAWSKI
ROGER TOURANGEAU
VICKI A FREEDMAN

\$2,259,820 09/01/2011 - 06/30/2016

Epigenetic Regulation of Kidney Development

GREGORY R DRESSLER (Pathology Department)

\$1,741,602 09/06/2011 - 04/30/2016

Pulse-shaping for Multiphoton FRET Microscopy in Vivo

JENNIFER OGILVIE (LSA Physics)

with JOEL A SWANSON

\$366,575 09/01/2011 - 08/31/2013

2011 Midwest Microbial Pathogenesis Conference

ERIC SEAN KRUKONIS (DENT Bio & Materials Science)

\$11,000 09/01/2011 - 08/31/2012

Optimizing locomotor training for children with severe cerebral palsy

BEVERLY D ULRICH (School of Kinesiology)

\$152,766 09/01/2011 - 08/31/2014

Chemical probes targeting the SUMO protease SENP1 in Prostate Cancer

JORGE A INIGUEZ-LLUHI (Pharmacology Department)

\$77,750 09/19/2011 - 08/31/2013

Metabolic Reprogramming in Diabetic Complications

CHARLES BURANT (Int Med-Nephrology)

EVA L FELDMAN (Int Med-Nephrology)

FRANK C BROSIUS III (Int Med-Nephrology)

SUBRAMANIAM PENNATHUR (Int Med-Nephrology)

THOMAS GARDNER (Int Med-Nephrology)

with DAVID ANTONETTI

DAVID LOMBARD

HOSAGRAHAR V JAGADISH

KERBY A SHEDDEN

MATTHIAS KRETZLER

NATHAN R QI

RODICA POP-BUSUI

STEVEN ABCOUWER

\$5,514,789 09/30/2011 - 08/31/2016

Role of Sodium Channel SCN1B in Inherited Epilepsy

LORI L ISOM (Pharmacology Department)

with JACK M PARENT

LUIS FELIX LOPEZ-SANTIAGO

\$1,682,274 09/01/2011 - 06/30/2015

Astrocyte dysfunction in EAE

DAVID N IRANI (Neurology Department)

\$427,625 09/15/2011 - 08/31/2013

Keratin sumoylation and its function during hepatocyte stress and liver disease

NATASHA TASHEVA SNIDER (Molec & Integrative Physiology)

\$554,698 09/20/2011 - 08/31/2016

University of Michigan Comprehensive Cancer Center Support Grant

MAX S WICHA (Univ of Mich Cancer Center)

with ALEXANDER TSODIKOV
ALFRED E CHANG
ALNAWAZ REHEMTULLA
ANDRZEJ A DLUGOSZ
BHRAMAR MUKHERJEE
BLAKE J ROESSLER
BRIAN DALE ROSS
CAROL ROSSIER BRADFORD
COLIN S DUCKETT
DAFYDD G THOMAS
DANIEL F HAYES
DAVID ALAN HANAUER
DAVID G BEER
DEAN E BRENNER
DIANE M SIMEONE
EDGAR BEN-JOSEF
ERIC R FEARON
EVAN T KELLER
GREGORY KALEMKERIAN
ISAAC R FRANCIS
JAMES L FERRARA
JAMES R BAKER JR
JEREMY MICHAEL GEORGE TAYLOR
KENNETH RESNICOW
KERBY A SHEDDEN
LAUREL L NORTHOUSE
LAURENCE A BOXER
LAWRENCE C AN
LINDA C SAMUELSON
LISA A NEWMAN
MAHA HUSSAIN
MATS E D LJUNGMAN
MATTHEW JASON SCHIPPER
MICHAEL J WELSH
MICHAEL R KILBOURN
MORAND RUEDIGER PIERT
MOSHE TALPAZ
MOUSUMI BANERJEE
RODERICK J LITTLE
SALLY ANN CAMPER
SCOTT M SCHUETZE
SHAOMENG WANG
SOFIA D MERAJVER
STEPHEN B GRUBER
STEVEN J KATZ
THEODORE S LAWRENCE
THOMAS A MOORE
THOMAS E CAREY
THOMAS J GIORDANO
THOMAS L CHENEVERT
THOMAS L SAUNDERS
THOMAS M BRAUN
THOMAS M LANIGAN
TIMOTHY D JOHNSON
WEIPING ZOU

\$5,694,947 09/19/2011 - 05/31/2012

Podocyte Hypertrophy, Stress and Urine

ROGER C WIGGINS (Int Med-Nephrology)

with KEN INOKI

\$1,691,065 09/20/2011 - 08/31/2016

Michigan Institute for Clinical and Health Research (MICHHR)

THOMAS PATRICK SHANLEY (Mich Inst for Clin & Hlth Resr)

with DORENE S MARKEL

MASSIMO T PIETROPAOLO

\$497,901 06/01/2011 - 05/31/2012

New Avenues to Increase the Use of Skilled Birth Attendants in Ghana.

JODY RAE LORI (SON-Grants)

\$703,980 09/17/2011 - 07/30/2016

Genetic Basis of Familial Colorectal Cancer Type X

LEON RASKIN (Int Med-Molecular Med&Genetics)

\$242,991 09/20/2011 - 08/31/2013

Microsatellite Instability and the DNA Mismatch Repair System

JOHN M CARETHERS (Int Med-Gastroenterology)

with STEPHANIE S TSENG-ROGENSKI

\$1,691,065 09/16/2011 - 08/31/2016

Cancer Biology Training Program - T32 CURE Supplement

MICHAEL J IMPERIALE (Univ of Mich Cancer Center)

\$51,134 09/01/2011 - 08/31/2012

Trajectories of Physical & Cognitive Functioning in the Neighborhood Environment

KT TOMEY (Epidemiology Department)

\$587,533 09/30/2011 - 08/31/2016

Targeting Inflammation using Salsalate in Type 1 Diabetic Neuropathy (TINSAL-T1DN)

EVA L FELDMAN (Metabolism, Endo & Diabetes)

RODICA POP-BUSUI (Metabolism, Endo & Diabetes)

with MORTON B BROWN

\$77,750 09/15/2011 - 08/31/2012

Spatiotemporal activation and actions of Munc13 in neurotransmitter release

EDWARD L STUENKEL (Molec & Integrative Physiology)

\$130,985 09/05/2011 - 09/04/2015

Sensory Sensitivity and Urinary Symptoms in the Female Population

BARBARA D REED (Urology Surgery)

DANIEL J CLAUW (Urology Surgery)

JAMES QUENTIN CLEMENS (Urology Surgery)

with ANANDA SEN

\$349,875 09/15/2011 - 08/31/2012

SWOG Biorepository Supplement

LAURENCE H BAKER (Int Med-Hem/Oncology and SWOG)

with ANNE F SCHOTT

BRUCE G REDMAN

HARRY P ERBA

\$989,137 04/01/2011 - 03/31/2012

Checkpoints of Host Response to Cellular Injuries

YANG LIU (GSA - Administration (GSA/ADM))

\$95,253 09/01/2011 - 08/31/2012

Regulation of Cytokinesis and Tumor Formation by RhoA

ANN L MILLER (LSA Molec./Cell./Develop. Bio)

\$746,745 09/09/2011 - 08/31/2014

Morphogenesis of the fetal intestinal epithelium

DEBORAH L GUMUCIO (Cell and Developmental Biology)

with BENJAMIN L MARGOLIS

SANTIAGO DAVID SCHNELL

\$2,119,214 09/21/2011 - 05/31/2016

Early and Mid-Life Social Determinants of Racial Disparities in Late Life Health

CARLOS F MENDES DE LEON (Epidemiology Department)

\$355,038 09/30/2011 - 08/31/2012

Translational Research in GI Cancer

DEAN E BRENNER (Univ of Mich Cancer Center)

\$115,492 09/01/2011 - 08/31/2015

Methodology for Identification of Substrate-Competitive Kinase Inhibitors

MATTHEW BRYAN SOELLNER (PHARMACY Medicinal Chemistry)

with HEATHER A CARLSON

KELLY LYNN GANAMET

\$175,647 06/01/2011 - 05/31/2013

Michigan Institute for Clinical and Health Research (MICHHR)

THOMAS PATRICK SHANLEY (MICHHR - CTSA)

with KYLE LYNN GRAZIER

NICHOLAS H STENECK

\$418,257 06/01/2011 - 05/31/2012

Michigan Institute for Clinical and Health Research (MICHHR)

THOMAS PATRICK SHANLEY (MICHHR - CTSA)

with DONALD RAY VEREEN

KYLE LYNN GRAZIER

MARITA G TITLER

NICHOLAS H STENECK

\$410,696 06/01/2011 - 05/31/2012

Quantitative chemical proteomics of dynamic palmitoylation in cells

BRENT RANDALL MARTIN (LSA Chemistry)

\$846,376 09/20/2011 - 08/31/2014

Lay Public's Genetic Explanations for Type 2 Diabetes: Prevention Implications Supplement

TOBY E JAYARATNE (Hlth Behavior & Hlth Ed Dept)

\$35,805 09/01/2011 - 08/28/2013

Does EPA or DHA prevent depressive symptoms in pregnancy and postpartum?

ELLEN L MOZURKEWICH (Obstetrics and Gynecology Dept)

with ANJEL M VAHRATIAN

ZORA DJURIC

\$35,016 09/10/2011 - 05/31/2012

Crosstalk between glioma cells & immune cells in the tumor microenvironment: Therapeutic Implications

MARIA CASTRO (Neurosurgery)

with PEDRO LOWENSTEIN

\$1,921,884 07/01/2011 - 02/29/2016

Brain immune response: Cellular & Molecular Mechanisms

PEDRO LOWENSTEIN (Neurosurgery)

with MARIA CASTRO

\$748,622 07/01/2011 - 07/31/2013

Engineering the Brain Immune System for Tumor Therapy

MARIA CASTRO (Neurosurgery)

with PEDRO LOWENSTEIN

\$968,050 07/01/2011 - 12/31/2013

Clinical Outcomes of Live Organ Donors - Data Coordinating Center

ROBERT MARK MERION (Transplant Surgery (STX))

with ALAN B LEICHTMAN

BRENDA WILSON GILLESPIE

\$207,069 07/01/2011 - 06/30/2012

Gutless Adenovirus Mediated Gene Therapy for Glioma

MARIA CASTRO (Neurosurgery)

with PEDRO LOWENSTEIN

\$633,279 09/01/2011 - 08/31/2012

Esophageal Mast Cell Nerve Interactions

SHAOYONG YU (Int Med-Gastroenterology)

\$1,022,196 07/21/2011 - 06/30/2015

Health Values and Minimally Important Differences in Systemic Sclerosis

DINESH KHANNA (Int Med-Rheumatology)

\$123,390 08/03/2011 - 07/31/2012

Rapid and efficient production of functional Cytochrome P450 enzymatic complex for structural studies by NMR (SUPPLEMENT)

AYYALUSAMY RAMAMOORTHY (LSA Biophysics)

\$142,954 08/01/2011 - 07/31/2014

Center for Integrative Approaches to Health Disparities(CIAHD)?Environmental Rev

ANA V DIEZ ROUX (Epidemiology Department)

\$556,144 09/22/2011 - 08/31/2012

Administrative Supplement R01 TIP Project

LONA MODY (Int Med-Geriatric Medicine)

\$40,005 09/15/2011 - 07/31/2014

Adult-to-Adult Living Donor Liver Transplantation Study Data Coordinating Center

ROBERT MARK MERION (Transplant Surgery (STX))

\$94,665 09/01/2011 - 08/31/2014

GIS Analysis of the NIEHS EPR

MARIE LYNN MIRANDA (Sch of Nat Resources & Environ)

\$250,578 09/30/2011 - 09/29/2013

Michigan Center on the Demography of Aging - Aging with Disabilities Supplement

JOHN BOUND (Pop Studies-Research)

\$115,875 09/30/2011 - 06/30/2014

The University of Michigan George M. O'Brien Renal Core Center - Summer Supplement

FRANK C BROSIUS III (Int Med-Nephrology)

\$19,215 09/09/2011 - 07/31/2013

HRS 2011 NIA-SSA JFCA Budget Request

DAVID R WEIR (SRC-Hrs)

\$4,235,000 09/30/2011 - 12/31/2011

Neurologic Emergencies Treatment Trials Network: Clinical Coordinating Center-RAMPART supplemental request

WILLIAM G BARSAN (Emergency Medicine Admin)

with ROBERT SILBERGLEIT

\$2,948,122 09/01/2011 - 08/31/2016

SWAN Repository III - Administrative Supplement II

DANIEL S MCCONNELL (Epidemiology Department)

\$200,000 09/01/2011 - 08/31/2015

OBSSR Supplement: Understanding Social Disparities in Health and Aging

JAMES S HOUSE (SRC-Seh-House)

with PHILIPPA J CLARKE

SARAH ANDREA BURGARD

\$112,000 06/15/2011 - 05/31/2016

Henry Ford Health System

Risk Stratification for Adverse Surgical Outcomes

ZEESHAN HASSAN SYED (COE EECS - CSE - AI)

\$6,930 05/01/2011 - 10/31/2011

Highfield Foundation

Building University of Michigan Capacity for Community-Based Participatory Research: National Conference

LAURA LEIN (School of Social Work)

\$5,000 10/01/2011 - 09/30/2012

Homeland Security, Department of

New Detectors, Electronics, and Algorithms for Fast Neutron Spectroscopy in a Scalable Measurement Platform

SARA A POZZI (Nuclear Eng & Radiological Sci)

with DAVID D WENTZLOFF

\$399,029 09/01/2011 - 08/31/2012

Development of Integrated Real-Time Imaging and Isotope Detection Algorithms for 3-Dimensional Position-Sensitive Semiconductor Gamma-Ray Imaging Spectrometers and Sensor Networks

ZHONG HE (Nuclear Eng & Radiological Sci)

with CLAYTON D SCOTT

JEFFREY A FESSLER

\$420,543 09/01/2011 - 08/31/2012

Immunetrics

Mathematical modeling of disease progression in patients at risk for sepsis: A prospective cohort study

ROBERT C HYZY (Int Med-Pulm./Critical Care)

\$304,059 09/01/2011 - 06/30/2013

Indiana University

The Data Capsules for Non-Consumptive Research

ATUL PRAKASH (COE EECS - CSE - SSRL)

\$237,087 07/01/2011 - 05/31/2014

Inter-American Development Bank

Supplement #1: Channeling Remittances Toward Human Capital Accumulation

DEAN C YANG (G. Ford Sc Pub Pol)

\$104,668 03/01/2011 - 06/30/2013

Interior, Department of the

Manajiwini: Respecting Tribes, First Nations and Cultural Resources in Cooperative Landscape and Climate Change Decision Making

NICHOLAS J REO (Sch of Nat Resources & Environ)

\$128,496 07/01/2011 - 06/30/2012

Connecting Huron-to-Erie Corridor Education and Research

JENNIFER READ (SNRE Michigan Sea Grant)

\$50,000 10/01/2011 - 09/30/2012

Janssen Services, L.L.C.

A Multicenter, Observational, Non-interventional, Narrative Study to Evaluate Patient-Reported Experiences of Living with Moderate-to-Severe Plaque Psoriasis

YOLANDA ROSI HELFRICH (Dermatology Department)

\$35,970 09/19/2011 - 12/31/2012

Johnson & Johnson Pharmaceutical Research & Development L.L.C. (J&JPRD)

Viral-induced exacerbation of asthma

MARC B HERSHENSON (Pathology Department)

NICHOLAS W LUKACS (Pathology Department)

\$248,510 08/15/2011 - 08/14/2012

Johnson, Robert Wood, Foundation

Enumeration and Characterization of the Public Health Nursing Workforce

MATTHEW L BOULTON (Epidemiology Department)

\$140,000 11/01/2011 - 10/31/2012

JUAMA

Development of the PET radiopharmaceutical [¹⁸F]fluoroestradiol (FES)

MICHAEL R KILBOURN (Department of Radiology)

\$10,500 09/15/2011 - 09/14/2012

Justice, Department of

Intergovernmental Personnel Agreement for NCVS

JAMES M LEPKOWSKI (SRC-Survey Methodology Prog)

\$100,000 07/01/2011 - 06/30/2012

National Archive of Criminal Justice Data: University of Michigan Archiving Services

TIMOTHY S BYNUM (ICPSR-Archival Development)

\$400,000 09/19/2011 - 07/31/2012

Lilly, Eli, and Company

MSA: Methods Development for Identifying Subpopulation of Enhanced Treatment Effects

JEREMY MICHAEL GEORGE TAYLOR (Biostatistics Department)

\$55,000 09/26/2011 - 12/31/2012

Lincoln Institute of Land Policy

2011 IIPF -- Lincoln Institute of Land Policy

JOEL B SLEMROD (ROSS SCH Ofc Tax Policy Rsrch)

\$15,000 08/25/2011 - 12/31/2011

Lixte Biotechnology Holdings, Inc (Lixte)

Radiosensitization of pancreatic tumor xenografts by LB100

MEREDITH A MORGAN (Radiation Oncology - Can Bio)

\$5,000 10/01/2011 - 09/30/2012

Lycera Inc

ULAM Services at NCRC for Lycera

ROBERT C DYSKO (Lab Animal Medicine Unit)

\$115,175 08/01/2011 - 07/31/2012

Medimmune, Inc.

A Prospective Observational Study to Assess the Role of Selected Biomarkers in Subjects Requiring

Daily Medium- to High-dose

Inhaled Corticosteroids for Persistent Asthma

ALAN PETER-PERCY BAPTIST (Int Med-Allergy)

\$50,451 09/06/2011 - 08/31/2012

Michigan Critical Care Consultants, Inc.

A Novel Catheter Enterogenesis Device to Treat Short Bowel Syndrome

DANIEL H TEITELBAUM (Pediatric Surgery Section)

\$100,000 07/10/2011 - 01/31/2012

Michigan Public Health Institute

Natural History of Disorders Identifiable by Newborn Screening

AYESHA AHMAD (Pediatrics-Genetics)

\$29,005 04/15/2011 - 02/29/2012

Michigan, State of, Community Health, Department of

State of Michigan Bureau of Health Professions Nursing Scholarship

MARGARET M ANDREWS (Flint Nursing)

\$9,000 10/01/2010 - 09/30/2011

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

Project IDEAL State Membership Michigan Yr.10

JEROME JOHNSTON (RCGD-Rsrch Cntr for Grp Dyn)

\$22,050 07/01/2011 - 06/30/2012

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP) Supplemental funds for VISTA worker in schools 2010-2011

JOHN H MATLOCK (OAMI Gear Up)

\$4,308 07/21/2010 - 07/20/2011

Michigan, State of, Transportation, Department of

BRIDGES AND STRUCTURES RESEARCH CENTER OF EXCELLENCE - YEAR 7

SHERIF EL-TAWIL (Civil & Environmental Engr)

\$32,999 10/01/2011 - 09/30/2012

UM Center of Excellence for Concrete Pavement Performance (CPP)

WILL HANSEN (Civil & Environmental Engr)

\$35,988 10/01/2011 - 09/30/2012

Mississippi State University

Drop-Tower Testing to Characterize Lower-Extremity Impact Response to High-Rate Vertical Loading

JONATHAN DAVID RUPP (UMTRI-Biosciences)

\$67,554 08/01/2011 - 12/31/2011

Monash University

Self-Regulatory Practices by Older Adults

DAVID W EBY (UMTRI-Behavioral Sciences)

\$16,067 08/01/2011 - 04/30/2012

Mott, Charles Stewart, Foundation

Committed to Excellence and Opportunity (CEO) 11-12

TENDAJI W GANGES (Flint Educational Opportunity)

\$415,700 07/01/2011 - 06/30/2012

National Aeronautics and Space Administration

Composition and Feedback in Geospace

MICHAEL WARREN LIEMOHN (Atm, Oceanic & Space Sci.)

with AARON JAMES RIDLEY
DARREN LEE DE ZEEUW
GABOR TOTH
JANET U KOZYRA
MARK MOLDWIN
NATALIA GANJUSHKINA

\$1,173,100 08/02/2011 - 08/01/2014

UM-Detroit Public School Space Science Education Partnership

MARK MOLDWIN (Atm, Oceanic & Space Sci.)

\$45,000 08/05/2011 - 08/04/2012

Spaceflight Effects on Neurocognitive Performance: Extent, Longevity, and Neural Bases

RACHAEL D SEIDLER (School of Kinesiology)

with PATRICIA A REUTER-LORENZ

\$80,500 08/26/2011 - 08/25/2012

Development of Ocean Surface Wind Vector Retrieval Algorithms in Tropical Cyclones

CHRISTOPHER S RUF (Space Physics Research Lab)

with AMANDA MICHELLE MIMS

\$30,000 09/01/2011 - 08/31/2012

Risk Analysis for Small Unmanned Aircraft Systems in the National Airspace System

ELLA MARIE ATKINS (Aerospace Engineering)

\$730,541 09/01/2011 - 08/31/2014

Mars Organic Molecule Analyzer MOMA Electrical/Electronic Subsystem Development

CHARLES J M EDMONSON JR (Space Physics Research Lab)

\$64,853 07/21/2011 - 12/31/2011

National Bureau of Economic Research

Expanding the National Health Accounts

SANDEEP VIJAN (Int Med-General Medicine)

with KARA ZIVIN
KENNETH M LANGA
MARCIA ANN VALENSTEIN
MICHAEL P WELLMAN

\$194,240 08/01/2010 - 01/31/2012

National Collegiate Inventors and Innovators Alliance (NCIIA)

CentriCycle

CHARLES W MONROE (Chemical Engineering Dept)

\$15,400 09/01/2011 - 08/31/2013

National Science Foundation

Investigation of Ionospheric Contribution to Geomagnetic Storms

AARON JAMES RIDLEY (Atm, Oceanic & Space Sci.)

\$88,742 09/01/2011 - 08/31/2014

CubeSat investigating Atmospheric Density Response to Extreme driving (CADRE)

AARON JAMES RIDLEY (Atm, Oceanic & Space Sci.)

with JAMES W CUTLER

\$800,000 09/15/2011 - 08/31/2014

CAREER: Nonequilibrium organization in epithelial sheets

DAVID K LUBENSKY (LSA Physics)

\$535,000 09/15/2011 - 08/31/2016

NSF CAREER Proposal: Bright femtosecond x and gamma-ray pulse production using ultra-intense lasers

ALEXANDER GEORGE ROY THOMAS (Nuclear Eng & Radiological Sci)

\$450,000 09/15/2011 - 08/31/2016

Management of Complex Data Structures: Upgrades to EUGene data software

ALLAN C STAM (CPS-Research)

\$494,669 09/15/2011 - 08/31/2014

Information Aggregation in Decentralized Markets

STEPHAN LAUERMANN (LSA Economics)

\$267,129 09/01/2011 - 08/31/2014

University of Michigan REU Site in the Chemical Sciences

BRIAN P COPPOLA (LSA Chemistry)

\$384,000 09/15/2011 - 08/31/2014

Optically Driven Quantum Dot Spins for Quantum Computing: Coherence Between Spins in Entangled States

DUNCAN G STEEL (COE EECS - ECE - OPT)

\$675,000 09/15/2011 - 08/31/2014

REU Site: Quantitative Social Science Research at the University of Michigan

JOHN A GARCIA (ICPSR-Admin)

with LYNETTE F HOELTER

\$290,701 10/01/2011 - 09/30/2014

Gas Phase Combustion Synthesis of Nanopowders, Modeling and Processing Duplex Microstructures

RICHARD M LAINE (Materials Science & Engin.)

with ANGELA VIOLI

\$780,000 09/15/2011 - 08/31/2014

K-Theory and Related Topics

IGOR KRIZ (LSA Mathematics)

\$166,205 10/01/2011 - 09/30/2014

New Methods for Construction of Enantiomerically Enriched Tertiary Alcohols via Nucleophilic Reactions of Enediolates

JOHN P WOLFE (LSA Chemistry)

\$395,000 09/15/2011 - 08/31/2014

FRG: Development and Validation of Novel Computational Tools for Modeling the Growth and Self-assembly of Crystalline Nanostructures

KATSUYO S THORNTON (Materials Science & Engin.)

\$900,000 09/15/2011 - 08/31/2014

Optimizing Ion Mobility, Chemical Stability, and Mechanical Rigidity in Composite Electrolytes

JOHN KIEFFER (Materials Science & Engin.)

\$552,030 10/01/2011 - 09/30/2015

Social Identity in Online Microfinance and Public Goods Provision

YAN CHEN (School of Information)

with QIAOZHU MEI

\$500,000 09/15/2011 - 08/31/2014

Collabrative Research: Does productivity drive diversity or vice versa? Empirical and theoretical investigations of the multivariate productivity-diversity hypothesis in streams

BRADLEY CARDINALE (Sch of Nat Resources & Environ)

\$333,565 01/01/2011 - 02/28/2013

Heterogeneous Catalysis on Plasmonic Metallic Nanostructures: Selective Catalytic Conversion at Lower Temperatures co-Driven by Solar and Thermal Energy

SULJO LINIC (Chemical Engineering Dept)

\$285,000 10/01/2011 - 09/30/2014

CEMRI for Photonics and Multiscale Nanomaterials

THEODORE B NORRIS (COE EECS - ECE - USL)

with ANASTASIOS JOHN HART

ANTHONY GRBIC

DUNCAN G STEEL

HUI DENG

JAMIE DEAN PHILLIPS

JOANNA MIRECKI-MILLUNCHICK

JOHN CARL SCHOTLAND

JULIE SUZANNE BITEEN

L JAY GUO

MARY BETH DAMM

NICHOLAS KOTOV

PALLAB K BHATTACHARYA

PC KU

PETER S SMEREKA

RACHEL S GOLDMAN

ROBERTO D MERLIN

RONALD G LARSON

SHARON C GLOTZER

STEVEN M YALISOVE

VANESSA SIH

ZHAOHUI ZHONG

\$13,320,000 09/15/2011 - 08/31/2017

Support for Conferences and Mentoring of Underrepresented Groups in Political Methodology

ROBERT J FRANZESE JR (CPS-Research)

\$188,034 09/01/2011 - 08/31/2013

NCRN-MN: Linking Surveys to the World: Administrative Data, the Web, and Beyond. Michigan Node of the the NSF-Census Research Network

MATTHEW D SHAPIRO (SRC-Hrs)

with CHARLES C BROWN

DAN BROWN
EYTAN ADAR
JAMES M LEPKOWSKI
JOHN BOUND
KENNETH MICHAEL SYLVESTER
LAUREN HERSCH NICHOLAS
LISA J NEIDERT
LUKE SHAEFER
MARGARET C LEVENSTEIN
MELVIN STEPHENS JR
MICHAEL JOHN CAFARELLA
PAMELA GIUSTINELLI
QIAOZHU MEI
SHELDON H DANZIGER
VICKI A FREEDMAN

\$2,995,165 10/01/2011 - 09/30/2016

Complex Singularities in Numerical Analysis and Nonlinear Dynamics

DIVAKAR VISWANATH (LSA Mathematics)

\$264,998 09/15/2011 - 08/31/2014

Developing Teaching Expertise in K-5 Mathematics

KARA M SUZUKA (School of Education)

with HYMAN BASS

MEGHAN MARY SHAUGHNESSY
PAMELA ANN MOSS
TIMOTHY ARTHUR BOERST

\$3,292,648 09/01/2011 - 08/31/2016

Collaborative Research: CDI-Type II: Cyber-Enabled Studies of Complexity in Nanodustry Plasmas

MARK KUSHNER (COE EECS - ECE - Rad)

\$590,756 10/01/2011 - 09/30/2015

Dynamics of Sleep-Wake Regulation

VICTORIA BOOTH (Anesthesiology Department)

with CECILIA DINIZ BEHN

\$299,998 10/01/2011 - 09/30/2014

Collaborative Research: Linking the chemical structure of black carbon to its biological degradation and transport dynamics in a northern temperate forest soil

KNUTE J NADELHOFFER (LSA Biological Station)

\$493,946 10/01/2011 - 09/30/2012

Function and Regulation of AIFs in Brassinosteroid Signaling

JIANMING LI (LSA Molec./Cell./Develop. Bio)

\$589,229 09/01/2011 - 08/31/2014

EXP: Collaborative Research: Using Smartphone-based Participatory Simulations to Engage Children in Scientific Thinking

ELLIOT SOLOWAY (COE EECS - CSE - AI)

with CHRISTOPHER JAMES POULSEN

JOSEPH S KRAJCIK
MICHAEL DONALD BAILEY

\$550,000 09/01/2011 - 08/31/2013

Mass-47 Paleothermometry in Deep Geologic Time

KYGER C LOHMANN (LSA Earth & Environmental Sci.)

\$224,755 09/15/2011 - 08/31/2014

Mechanics of Intraocular Pressure Increase Associated with Genetic Factors

ALAN ARGENTO (Dbn Coll of Eng-Mechanical Eng)

JULIA E RICHARDS (Dbn Coll of Eng-Mechanical Eng)

with FRANK W ROZSA

WONSUK KIM

\$359,920 09/01/2011 - 08/31/2014

IMS I/UCRC: Five Year Renewal

JUN NI (CoE Ind/Univ Coop Research Ctr)

\$75,000 09/01/2011 - 08/31/2016

SoCS Doctoral Consortium and PI Meeting

PAUL J RESNICK (School of Information)

\$150,000 11/01/2011 - 10/31/2012

Multi-Satellite Investigation of Plasma Sheet Flux Rope Formation and Dynamics

JAMES ARTHUR SLAVIN (Atm, Oceanic & Space Sci.)

\$291,641 10/01/2011 - 09/30/2014

EAGER: Collaborative Research: Towards Context-Aware Security and Privacy for RFID Systems

DI MA (Dbn Col of Eng-Computer & Info)

\$109,996 10/01/2011 - 09/30/2013

Continuity and Change in American Economic and Social Life: The PSID 07-11 (ASPE Supplement)

CHARLES C BROWN (SRC-Psid)

with ROBERT F SCHOENI

\$186,860 09/21/2011 - 02/29/2012

NSF Career: REU Supplement

VIKRAM GAVINI (Mechanical Engineering)

\$5,997 09/20/2011 - 01/31/2016

New York Medical College

Targeted Cell Therapy with GMP generated EBV-CTLs in Poor Risk and Rare Childhood and Adolescent Lymphomas

MEGAN S LIM (Pathology Department)

with JOHN E LEVINE

\$32,335 07/01/2011 - 06/30/2012

New York University

Fast and Rapidly Convergent CEM Techniques

ERIC MICHIELSSEN (COE EECS - ECE - Rad)

\$67,608 09/01/2011 - 08/31/2012

Northwestern University

The retinal microenvironment in diabetic retinopathy

DAVID ANTONETTI (Ophthalmology & Visual Science)

\$77,750 07/01/2011 - 06/30/2012

Novartis

RAD US 92 Amend/Increased enrollment

FU LUNG LUAN (Int Med-Nephrology)

\$148,710 08/01/2011 - 11/30/2013

Nuclear Regulatory Commission

Department of Nuclear Engineering and Radiological Sciences - Faculty Development Grant Program

RONALD M GILGENBACH (Nuclear Eng & Radiological Sci)

\$450,000 08/04/2011 - 08/03/2014

Ohio State University, The

Forecasting Carbon Storage as Eastern Forests Age: Joining Experimental and Modeling Approaches at the UMBS AmeriFlux Site

KNUTE J NADELHOFFER (LSA Biological Station)

\$419,601 09/01/2011 - 08/31/2014

Oregon State University

*Sustainable feed and improved stocking densities for gar (*Atractosteus spp.*) culture*

JAMES STEPHEN DIANA (Sch of Nat Resources & Environ)

\$30,900 06/01/2011 - 09/29/2011

Oxford BioMedica

EIAV Lentiviral Vector Gene Transfer into the Cochlea

YEHOASH RAPHAEL (Kresge Hearing Research Inst)

\$6,500 08/05/2011 - 04/30/2012

Pacific Northwest National Laboratories

NNSA Security Upgrades

HENRY D BAIER (Financial Operations)

\$85,420 06/16/2011 - 03/30/2012

Pardee, Elsa U., Foundation

TRPV3 Ca²⁺ Channel as a Novel Target of Epithelial Cancers

HAOXING XU (LSA Molec./Cell./Develop. Bio)

\$120,000 09/01/2011 - 08/31/2012

Pilot Studies on the Anti-Tumor Capacity of Novel Catalytic Nanoparticles

HOWARD R PETTY (Ophthalmology & Visual Science)

\$137,376 09/01/2011 - 08/31/2012

Immunotherapy of Melanoma Utilizing Cancer Stem Cell-based Vaccines

QIAO LI (GSA - Surgical Oncology (SON))

\$123,346 10/01/2011 - 09/30/2012

Peace Corps

Strategy Contract FY2012 (Peace Corps Recruitment)

WILLIAM E NOLTING (International Center)

\$18,000 09/30/2011 - 09/29/2012

PPD, Inc.

2011.050: An Open Label Assessment of Safety and Efficacy of Ruxolitinib (Incb018424) in Subjects with Primary Myelofibrosis, Post Essential Thrombocythemiemyelofibrosis and Post Polycythemia Veramyelofibrosis Who Have Platelet Counts Of 50 X109/L to 100 X109/L

MOSHE TALPAZ (Int Med-Hematology/Oncology)

with DALE LEE BIXBY

\$821,094 08/23/2011 - 09/22/2016

Quintiles, Inc

Protocol C13008 - A Phase 3, Open-label Study to Determine the Long-Term Safety and Efficacy of Vedolizumab (MLN0002) in Patients with Ulcerative Colitis and Crohn?s Disease

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$275,810 08/01/2011 - 07/31/2016

Sandia National Laboratories

MODELING OF XENON FLASHLAMPS

MARK KUSHNER (COE EECS - ECE - Rad)

\$37,500 08/01/2011 - 07/31/2013

Modeling Investigation of the Sandia Free Piston Linear Alternator

ARISTOTELIS BABAJIMOPOULOS (Mechanical Engineering)

\$61,377 08/01/2011 - 06/30/2012

Sanofi Pasteur

Fluzone Effectiveness Data - License Agreement

ARNOLD S MONTO (Epidemiology Department)

with SUZANNE E OHMIT

\$65,000 08/01/2011 - 06/30/2012

Smithsonian Institution

High Resolution Spectroscopy of a Black Hole Transient

JON MATTHEW MILLER (LSA Astronomy)

\$34,785 08/03/2011 - 08/02/2012

Confirmation of a New Pulsar Wind Nebula

JON MATTHEW MILLER (LSA Astronomy)

\$8,600 06/03/2011 - 06/02/2012

Soligenix, Inc

A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of the Safety and Efficacy of orBec? (Oral Beclomethasone 17,21-Dipropionate) in Conjunction with Ten Days of High-Dose Prednisone Therapy in the Treatment of Patients with Gastrointestinal Graft vs. Host Disease

JOHN E LEVINE (Int Med-Hematology/Oncology)

\$12,000 10/01/2010 - 07/31/2013

Southwest Oncology Group-Clinical Trials Initiative, L.L.C.

S0702 A Prospective Observational Multicenter Cohort Study to Assess the Incidence of Osteonecrosis of the Jaw(ONJ) in Cancer Patients with Bone Metastases Starting Zoledronic Acid Treatment

CATHERINE H VAN POZNAK (Int Med-Hematology/Oncology)

\$12,900 01/01/2011 - 12/31/2016

Southwest Research Institute

The Solar Orbiter Heavy Ion Spectrometer Development Extended Phase A III

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

with SUSAN THERESE LEPRI

\$199,801 09/01/2009 - 12/31/2011

SRI International

Network Analysis of Emerging Scientific and Technological Innovations

EYTAN ADAR (School of Information)

\$20,000 08/08/2011 - 11/11/2011

State, Department of

Inspiring and Accelerating Entrepreneurship in MENA Youth

JOHN JOSEPH CRISTIANO (Dbn College of Eng-CEEP)

\$449,860 09/30/2011 - 10/31/2013

Streamline Numerics, Inc

Advanced Unsteady Turbulent Combustion Simulation Capability for Space Propulsion Systems

MATTHIAS IHME (Aerospace Engineering)

\$240,000 07/08/2011 - 07/07/2013

Susan G. Komen for the Cure

Development of Targeted ?Smart? Particles for Silencing the Metastases of Breast Cancer

MOHAMED E H EL-SAYED (Biomedical Engineering)

\$180,000 09/14/2011 - 09/13/2014

Templeton, John, Foundation

The Science of Ethics

DANIEL JACOBSON (LSA Philosophy)

with SEKHAR CHANDRA SRIPADA

\$853,457 09/01/2011 - 08/31/2014

Tenneco Automotive

Fatigue and Oxidation of Metals at Elevated Temperatures

JWO PAN (Mechanical Engineering)

\$73,670 09/01/2011 - 08/31/2012

The Big History Project, LLC

The Big History Project

ROBERT B BAIN (SOE-Educational Studies)

\$346,440 01/01/2011 - 08/31/2013

The Hagen Family Foundation (THFF)

Utilizing Ford SYNC to Provide Educational Content to the Driving Public.

ROGER SHULZE (Dbn Col of Eng-IAVS)

\$12,000 09/01/2011 - 12/31/2011

Torry Pines Institute for Molecular Studies

High throughput in vivo screening: translational generation of novel analgesics

EMILY M JUTKIEWICZ (Pharmacology Department)

\$6,291 08/01/2011 - 07/31/2012

Toyota Engineering & Manufacturing North America (TEMA)

Development of Performance Evaluation Procedures for Active Safety Systems

DAVID JAMES LEBLANC (UMTRI-Engineering Systems)

with CAROL ANN FLANNAGAN

DANIEL F BLOWER

\$999,443 08/01/2011 - 01/31/2013

Observation of Microstructures of Mesoporous Silica Spheres and Nanoparticles Incorporated into the Spheres

XIAOQING PAN (Materials Science & Engin.)

\$20,000 09/19/2011 - 02/29/2012

Toyota Technical Center, USA, Inc.

Elderly Occupant Posture, Body Shape, and Belt Fit

MATTHEW PAUL REED (UMTRI-Biosciences)

with CAROL ANN FLANNAGAN

\$315,899 09/01/2011 - 02/15/2013

Transportation, Department of-Federal Motor Carrier Safety Administration

Collection, Analysis and Evaluation of CMV Safety Data

DANIEL F BLOWER (UMTRI-Vehicle Safety Analysis)

JOHN WOODROOFFE (UMTRI-Vehicle Safety Analysis)

with PAUL ERIC GREEN

\$750,000 09/30/2011 - 09/29/2012

Transportation, Department of-Federal Railroad Administration

Automated Extraction of Grade Crossing Parameters, Associated Traffic Control Devices, and Sightlines from Lidar Data Phase 2

EDWIN OLSON (COE EECS - CSE - AI)

\$109,868 02/01/2011 - 03/31/2012

United BioSource Corporation (UBC)

2011.060: An Open Label, Multi-center, IRESSA? Clinical Access Program of Gefitinib 250 mg (IRESSA?) for the continued treatment of patients in the United States who are currently benefiting or have benefited from gefitinib treatment

GREGORY KALEMKERIAN (Int Med-Hematology/Oncology)

\$10,300 09/16/2011 - 07/19/2016

United Negro College Fund Special Programs Corporation

A Methodological Approach for Rapid Audification in Heliospheric Data Analysis

JASON ANDRE GILBERT (Atm, Oceanic & Space Sci.)

with ROBERT LEWIS ALEXANDER

\$25,500 09/01/2011 - 08/31/2014

United Way of Washtenaw County

Striving for Thriving RAHS Youth

SHARON A REDMER (UMH RAHS YpsiEast MiddleSchool)

\$9,626 07/01/2011 - 06/30/2012

Universal Technology Corporation

Development of a thrust vectoring system for a small turbine engine

TIMOTHY B SMITH (Aerospace Engineering)

\$15,785 09/01/2011 - 06/15/2012

University of California - San Francisco

EPGP Amendment 5

SIMON GLYNN (Neurology Department)

with SUCHETA M JOSHI

\$184,775 05/01/2011 - 04/30/2012

University of Maryland, The

ACT National-Scale Efforts Toward Verification and Validation of Observing Technologies

GUY A MEADOWS (SNRE CILER)

THOMAS H JOHNGEN (SNRE CILER)

\$125,000 06/01/2011 - 05/31/2012

University of Minnesota

COPD Clinical Research Network: STATCOPE protocol

FERNANDO JOSE MARTINEZ (Int Med-Pulm./Critical Care)

\$125,225 08/01/2010 - 07/31/2012

University of Pittsburgh

Team Science: Sociotechnical Dimensions of Distributed Work

ANN S ZIMMERMAN (School of Information)

\$28,900 01/01/2011 - 08/31/2011

University of Texas at Austin

Education and Alcohol Use in Adolescence and Young Adulthood

JOHN E SCHULENBERG (SRC-Studies of Youth)

\$81,730 04/05/2011 - 03/31/2012

University of Utah

A Comparison of Patient Demographics at Six NCCN Sites For Patients Diagnosed with Brain Metastases, Breast Cancer, HCC, Melanoma, NSCLC, and Ovarian Cancer Analysis Plan

JAMES G STEVENSON (PHARMACY Clin, Soc & Admin Sci)

\$12,000 09/15/2011 - 10/30/2011

University of Washington

Oxidative Oligomerization of Methane and Oxidation Catalysts: Comp-renewal Year 4

MELANIE S SANFORD (LSA Chemistry)

\$219,895 08/01/2011 - 07/31/2012

Control of welding fume exposures in shipbuilding confined spaces: A research to practice demonstration project

RICHARD L NEITZEL (Environmental Health Sciences)

\$22,910 09/01/2011 - 08/31/2012

Various Sponsors

Recharge: Wheelchair Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$26,700 03/01/2007 - 02/28/2012

Recharge: Child Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$32,000 03/01/2007 - 02/28/2012

Veterans Affairs, Department of

IPA-David X Pang

ANGELA TSAI FAGERLIN (Int Med-General Medicine)

\$17,372 07/01/2011 - 09/30/2011

IPA-Tracy Wharton FY12

NEIL BURTON ALEXANDER (Int Med-Geriatric Medicine)

\$73,561 10/01/2011 - 09/30/2012

VAAAHS Specialty Care Access Network -Disease Education Moudules

THEODORE ALEXANDER HANSS JR (Michigan MultiMedia (M3))

\$186,030 09/30/2011 - 09/29/2012

IPA-Joanna Jennens FY12

NEIL BURTON ALEXANDER (Int Med-Geriatric Medicine)

\$59,396 10/01/2011 - 09/30/2012

Virginia Commonwealth University

Hybrid Spintronics and Straintronics (HSS): A New Integration Technology for Ultra-Low Energy Computing and Signal Processing Beyond the Year 2020

PINAKI MAZUMDER (COE EECS - CSE - SSRL)

\$223,157 09/01/2011 - 08/31/2015

Vortex Hydro Energy, LLC

Advanced Integration of Power Take-Off in VIVACE - a MHK device driven by Flow Induced Motion

ROBERT F BECK (Naval Arch & Marine Dept)

\$62,000 08/31/2011 - 12/31/2012

Wake Forest University

Dispositional Empathy as a Character Trait

SARA HOPE KONRATH (RCGD-General Research)

with ANDREA FUHREL-FORBIS

\$150,878 07/01/2011 - 06/15/2013

Washtenaw, County of

Stabilizing Older Adults

SHARON A REDMER (UMH Housing Bureau/Gifts)

with CHERI NALEPA

HARRIET R BAKALAR

JANET MARY HUNKO

JUSTINE BYKOWSKI

RYAN ROBERT COWMEADOW

\$47,306 07/01/2011 - 06/30/2012

Washtenaw United Way

Dental Care for Severely Medically Compromised Low Income Patients

STEPHEN J STEFANAC (DENT Community Dental Clinic)

\$10,000 07/01/2011 - 06/30/2012

Emergency Dental Care

STEPHEN J STEFANAC (DENT Community Dental Clinic)

\$12,902 07/01/2011 - 06/30/2012

Wayne State University

Early state cases for methylation

LAURA MARIE ROZEK (Environmental Health Sciences)

\$22,584 07/22/2011 - 12/31/2011