

AWARDS ESTABLISHED
Research and Other Sponsored Activities
July 1, 2012 through February 28, 2013

The awards detailed in this list were established July 1, 2012 through February 28, 2013. 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 2012	Number of Awards FY 2013	% Change	Value of Awards FY 2012	Value of Awards FY 2013	% Change
Total Awards Processed (July & February)	213	199	-6.6%	\$ 54,154,673	\$ 41,624,545	-23.1%
Research Awards	139	115	-17.3%	\$ 48,197,873	\$ 26,493,763	-45.0%
Research Training	5	7	40.0%	\$ 169,489	\$ 6,350,377	3,646.8%
Other Sponsored Activity	69	77	11.6%	\$ 5,787,311	\$ 8,780,405	51.7%
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Total Awards Processed Fiscal Year to Date	1,972	1,961	-0.6%	\$ 773,847,322	\$ 845,393,767	9.2%
Research Awards	1,341	1,181	-11.9%	\$ 705,458,739	\$ 721,435,355	2.3%
Research Training	99	92	-7.1%	\$ 17,966,409	\$ 35,985,785	100.3%
Other Sponsored Activity	532	688	29.3%	\$ 50,422,174	\$ 87,972,627	74.5%

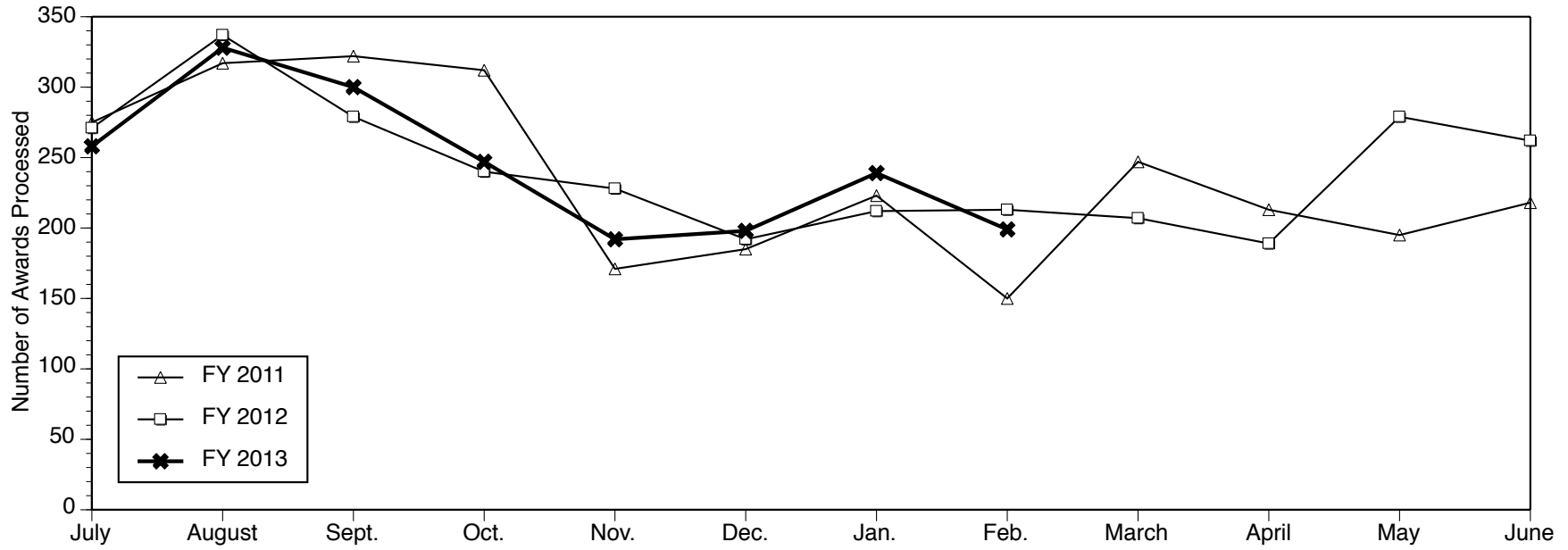
FY 2013 year-to-date award values are up when compared with the same time period in FY 2012 while the number of awards has remained nearly unchanged. As previously noted in past reports, several large awards processed in FY 2013 have caused the increase in award dollar value. The attached graph reveals the month of February typically represents a low point in the dollar value of awards processed.

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

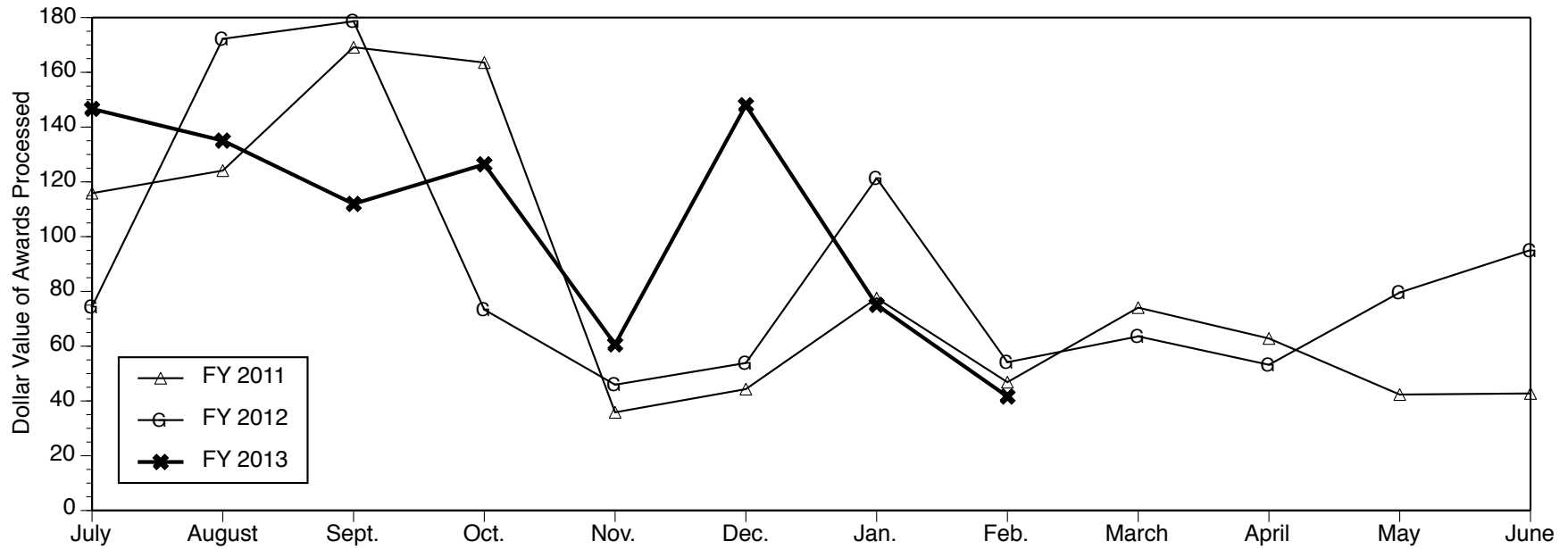
	Federal Expendable Restricted	Other Funds	Total Expenditures
January 2013	\$ 481,235,582	\$ 292,837,640	\$ 774,073,322
January 2012	\$ 467,603,606	\$ 261,659,107	\$ 729,262,713
Percent Change	2.9%	11.9%	6.1%

Source: Office of Research and Sponsored Projects

Number of Awards Processed



Dollar Value of Awards Processed



Data Source: Office of Research and Sponsored Projects

AWARDS ESTABLISHED FOR RESEARCH AND OTHER SPONSORED ACTIVITIES

February 01, 2013 through February 28, 2013

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.

ACMG Foundation for Genetic and Genomic Medicine

SACHDNC Newborn Screening Condition Review Workgroup

LISA PROSSER (Pediatrics-Ambulatory Care Pgm)

\$19,261 09/01/2012 - 05/31/2013

Adidas AG

Team System Safety Analysis

GRANT CARR GOULET (School of Kinesiology)

RONALD F ZERNICKE (School of Kinesiology)

with JAMES A ASHTON-MILLER
SCOTT GREGORY MCLEAN

\$65,914 02/01/2013 - 03/31/2013

Agilent Technologies

Agilent-Precise Gestures for Test Equipment

BERNARD J MARTIN (CoE Center for Ergonomics)

\$50,745 01/01/2013 - 12/31/2013

Allegheny-Singer Research Institute (ASRI)

Ultrasound-Assisted AQP1 Gene Therapy for Functional Restoration of Salivary Gland

PAUL C EDWARDS (DENT Periodontics and Oral Med)

\$7,338 07/20/2012 - 06/30/2013

All India Institute of Medical Sciences (AIIMS)

UKIERI Trilateral Research in Partnership

DEBBIE GIPSON (Pediatrics-Nephrology)

\$1,920 03/01/2013 - 02/28/2015

Alzheimer's Association

Molecular Chaperone Quality Control Mechanisms of Tau Regulation in AD

DANIEL SOUTHWORTH (Life Sciences Institute-Admin)

\$100,000 02/01/2013 - 01/31/2015

American College of Radiology

ACRIN Patient Centered Outcomes and Survivorship Committee Co-Chair

RUTH C CARLOS (Department of Radiology)

\$17,000 09/26/2012 - 05/31/2013

American Custom Yachts, Inc

American Custom Yachts - 100-foot sportfishing yacht model testing

STEVEN FRANCIS ZALEK (Naval Arch & Marine Dept)

\$29,379 03/01/2013 - 07/31/2013

American Diabetes Association, Inc.

Gastric Fuel Sensing and Energy Metabolism

WEIZHEN ZHANG (GSA - Gastrointestinal (SGI))

\$103,500 01/01/2013 - 12/31/2013

Maintenance of insulin signaling sensitivity by Sesn2-mediated feedback loop.

JUN HEE LEE (Molec & Integrative Physiology)

\$103,500 01/01/2013 - 12/31/2013

American International Health Alliance, Inc.

OBGYN Residency Training Program: A University of Michigan and St. Paul Millennium Medical College Collaboration

SENAIT FISSEHA (Obstetrics and Gynecology Dept)

with CHERYL A MOYER

N CARY ENGLEBERG

\$276,079 12/01/2012 - 09/30/2013

American Skin Association

Role of psoriasis-associated TRAF3IP2 coding variants in IL17 and TNF signaling in keratinocytes

JAMES T ELDER (Dermatology Department)

\$15,000 01/01/2013 - 12/31/2013

American Society of Hematology

CHARACTERIZATION OF THE MLL AND HOXA9-REGULATED ENHANCEOSOME MOLECULAR NETWORKS IN ACUTE LEUKEMIA

JEAN-FRANCOIS RUAL (Pathology Department)

\$150,000 07/01/2013 - 06/30/2015

American Thrombosis & Hemostasis Network

A Cross-Sectional Study of Cardiovascular Disease in Hemophilia

SUMAN SOOD (Int Med-Hematology/Oncology)

\$20,263 09/30/2011 - 09/29/2014

American Water Works Association, Michigan Section

Investigation of anaerobic arsenic removal waste stabilization

KIM F HAYES (Civil & Environmental Engr)

\$1,000 02/01/2013 - 01/31/2014

Occurrence study of chlorophenols in the southeast Michigan area

TERESE M OLSON (Civil & Environmental Engr)

\$1,000 02/01/2012 - 01/31/2014

Amgen, Inc.

V-BID Integration and Transformation

RICHARD A HIRTH (Health Management and Policy)

\$10,000 10/01/2012 - 03/30/2013

Amendment #7: Add?l Visits: 2008.081: An Open-label Multi-Center, Phase 2 Study of Denosumab in Subjects with Giant Cell Tumor of Bone

SCOTT M SCHUETZE (Int Med-Hematology/Oncology)

\$187,500 12/05/2008 - 02/04/2017

Ariad Pharmaceuticals, Inc.

A Phase 3 Randomized, Open-Label Study of Ponatinib versus Imatinib in Adult Patients with Newly Diagnosed Chronic Myeloid Leukemia in Chronic Phase: 2012.074

MOSHE TALPAZ (Int Med-Hematology/Oncology)

with DALE LEE BIXBY

\$977,104 02/13/2013 - 10/14/2022

Association of Oncology Social Work (AOSW)

Establishing Best Practices for Psychosocial Distress Screening for Cancer Patients

BRADLEY JAY ZEBRACK (School of Social Work)

\$32,018 01/01/2013 - 12/31/2013

Auxilium Pharmaceuticals, Inc

A Phase 3, Open-Label Study of the safety and effectiveness of AA4500 administered twice per treatment cycle for up to four treatment cycles (2 x 4) in men with Peyronie's disease

DANA ALAN OHL (Urology)

\$39,815 01/31/2013 - 12/31/2013

Battelle Memorial Institute

Construction Phase NNSA Security Upgrades

HENRY D BAIER (Assoc. V-P Facilities &Ops)

\$615,879 01/23/2013 - 06/30/2013

Maintenance Phase of NNSA Security Upgrades

HENRY D BAIER (Assoc. V-P Facilities &Ops)

\$17,016 09/30/2013 - 06/30/2016

Exploring Future Vehicle Identification Number Content

JOHN WOODROOFFE (UMTRI-Vehicle Safety Analysis)

with DANIEL F BLOWER

\$12,661 01/17/2013 - 04/10/2013

BioControl Medical (BCM)

INcrease Of VAgal TonE in chronic Heart Failure (INOVATE ATE -HF) - A Randomized Study to establish the Safety and Efficacy of CardioFit? for the Treatment of Subjects with Heart Failure and Left Ventricular Dysfunction.

KEITH D AARONSON (Int Med-Cardiology)

\$251,755 02/10/2012 - 11/30/2017

Biomet, Inc.

Biomet Contract

MARK L PALMER (School of Kinesiology)

\$19,179 05/06/2013 - 08/06/2013

Blakemore Foundation, The

Blakemore - Isamu Noguchi & Qi Baishi

JOSEPH G ROSA (Exhibitions)

\$5,000 01/01/2013 - 12/31/2014

Boston Dynamics

Atlas 2: High Mobility Humanoid Robot

ARTHUR D KUO (Mechanical Engineering)

\$50,000 02/07/2011 - 03/31/2013

Boston Scientific Corporation

Pelvic Studies

JAMES A ASHTON-MILLER (Mechanical Engineering)

\$70,832 12/20/2012 - 12/19/2013

Bristol-Myers Squibb Company

A Randomized, Open-Label, Phase 3 Study of BMS-936558 vs. Everolimus in Subjects with Advanced or Metastatic Clear-Cell Renal Cell Carcinoma Who Have Received Prior Anti-Angiogenic Therapy

AJJAI SHIVARAM ALVA (Int Med-Hematology/Oncology)

\$362,029 01/15/2013 - 01/14/2017

Thromboprophylaxis of Mechanical Valves using Apixaban in vivo

DANIEL DURANT MYERS JR (Vascular Surgery Section)

JOSE ANTONIO DIAZ (Vascular Surgery Section)

with DAWN MARIE COLEMAN

\$411,738 02/12/2013 - 02/11/2014

British Council

Nesting World History Instruction for Future Faculty, Secondary Teachers and Students: A Project to Prepare Teachers of World History at Multiple Levels

ELIZABETH B MOJE (SOE-Educational Studies)

with HUSSEIN ANWAR FANCY

\$75,000 02/01/2013 - 09/01/2014

Brown University

Genome-Wide Association Studies of Adiposity in Samoans - Years 4 and 5

ANA BAYLIN (Epidemiology Department)

\$13,065 01/01/2013 - 12/31/2013

Case Western Reserve University

Quantitative identification of electro-physical properties of oxide based hetero-interfaces at extreme environments

WEI LU (COE EECS - ECE - SSEL)

\$102,856 09/30/2012 - 11/30/2015

Casey, Annie E., Foundation

Michigan Recession and Recovery Study - Preparing for the 3rd Wave

SHELDON H DANZIGER (FSPP Pov Rsch Center)

\$20,000 11/01/2012 - 04/30/2013

Casey Family Program Foundation

Detroit Center for Family Advocacy: 2013

VIVEK S SANKARAN (Law Clinical Activity)

\$20,000 01/01/2013 - 12/31/2013

Chevron Corporation

2013 JIP Membership in the Industrial Affiliates Program in "Flow and Reaction in Porous Media"

HUGH SCOTT FOGLER (Chemical Engineering Dept)

\$50,000 07/01/2013 - 06/30/2014

Children's Hospital of Philadelphia, The

Children's Oncology Group Chair's Grant

PETER F EHRLICH (Pediatric Surgery Section)

\$15,000 04/01/2013 - 03/30/2014

Children's Research Institute

Liu Lab Operations

PAN ZHENG (Surgery Department)

\$250,000 10/01/2012 - 06/30/2013

Chiltern International, Inc

A Phase 2, Double-Blind, Placebo-Controlled, Randomized Study to Evaluate the Safety, Tolerability and Efficacy of KB003 in Subjects with Asthma Inadequately Controlled by Inhaled Corticosteroids

MICHAEL J COFFEY (Int Med-Pulm./Critical Care)

\$89,715 01/31/2013 - 11/30/2013

Cincinnati Children's Hospital Medical Center

Stratification of Pediatric Septic Shock

THOMAS PATRICK SHANLEY (Pediatrics-Intensive Care)

\$12,500 08/07/2012 - 06/30/2013

Commerce, Department of-National Oceanic and Atmospheric Administration

2012 OHH: HABS Beach and Quality Forecasting

ALLEN BURTON (SNRE CILER)

THOMAS H JOHNGEN (SNRE CILER)

\$602,668 11/01/2012 - 10/31/2013

Computing Research Association (CRA)

Data Buddies 2012: Broadening Participation in Computer Science - Widening the Research Pipeline

STEPHEN W TURNER (Flint Comp Science, Eng and Ph)

\$1,800 10/15/2012 - 05/31/2013

Covance Inc.

Radium-223 Chloride (Alpharadin) in Castration-Resistant (Hormone-Refractory) Prostate Cancer Patients with Bone Metastasis

MORAND RUEDIGER PIERT (Department of Radiology)

\$79,925 02/11/2013 - 07/31/2014

Covidien Surgical Devices

Training for Front End Innovation in Surgical Tools

JAMES DUNCAN GEIGER (Pediatric Surgery Section)

\$200,000 01/25/2013 - 09/30/2013

Cryolife, Inc.

CryoValve SG Pulmonary Valve Post-Clearance Study

JENNIFER HIRSCH-ROMANO (Cardiac Surgery)

\$42,750 04/01/2010 - 12/31/2013

Cystic Fibrosis Foundation

Cystic Fibrosis Center Grant 2012-2013

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

with AMY G FILBRUN

\$205,160 07/01/2012 - 06/30/2013

Cytokinetics

A Phase IIb, Multi-National, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Safety, Tolerability and Efficacy of CK-2017357 in Patients with Amyotrophic Lateral Sclerosis (ALS)

BRIAN CHRISTOPHER CALLAGHAN (Neurology Department)

\$119,835 02/14/2013 - 02/28/2015

Defense, Department of-Air Force, Department of the

Experimentally Validated Computational Modeling of Mechanical Response of Woven Ceramic Matrix Composites under Elevated Temperature

ANTHONY M WAAS (Aerospace Engineering)

\$368,561 02/01/2013 - 01/31/2016

Quasi-continuum reduction of field theories: A route to seamlessly bridge quantum and atomistic length-scales with continuum

VIKRAM GAVINI (Mechanical Engineering)

\$357,264 03/01/2013 - 02/29/2016

Melding Numerical Simulation and Theory in Low Temperature Plasmas

YUE YING LAU (Nuclear Eng & Radiological Sci)

with MARK KUSHNER

\$146,403 03/01/2013 - 08/31/2014

Defense, Department of-Army, Department of the

Resuspension from Propeller Wash at Naval Base Pearl Harbor

ALLEN BURTON (SNRE CILER)

\$16,843 02/24/2010 - 02/24/2014

Defense, Department of-Navy, Department of the

Extending and Applying the EPIC Architecture for Human Cognition and Performance: Auditory and Spatial Components

DAVID EDWARD KIERAS (COE EECS - CSE - AI/IS)

with GREGORY H WAKEFIELD

\$551,628 01/01/2013 - 12/31/2015

Variance Prediction in the Energy Finite Element Analysis due to System Uncertainties

NICKOLAS VLAHOPOULOS (Naval Arch & Marine Dept)

\$301,948 01/01/2012 - 12/31/2015

Integrating Cognitive Architecture and Probabilistic Perceptual Processing

EDWIN OLSON (COE EECS - CSE - AI/IS)

JOHN E LAIRD (COE EECS - CSE - AI/IS)

\$2,079,800 02/01/2013 - 01/31/2017

Delta Dental Fund

Diabetes-OH Connection (Arabic, Spanish)

MATHILDE C PETERS (DENTCariology,Restor Sci &Endo)

\$5,724 12/01/2012 - 02/28/2013

Dompe S.p.A.

Pre-clinical in vivo modeling of advanced breast cancer with CXCR1 inhibition in combination with Gemcitabine and Cisplatin or Carboplatin chemotherapy.

MAX S WICHA (Int Med-Hematology/Oncology)

\$272,125 09/02/2012 - 12/31/2014

Eaton Corporation

Multidisciplinary Design Eaton Sponsorship 2013

A HARVEY HARVEY BELL IV (CoE Multidisciplinary Design)

\$15,000 01/01/2013 - 12/31/2013

EcoMotors

System Level Optimization for Complex Mechanical Systems-OPOC Engine--Year 2

YUBAO CHEN (Dbn Col of Eng-Indust & Sys En)

\$77,700 02/01/2013 - 01/30/2014

ERSTE Foundation

Does Greater Prevalence of High Strain Working Conditions Lead to Greater Rates of Early Retirement in Central and Eastern Europe?

SARAH ANDREA BURGARD (LSA Sociology)

\$16,310 12/01/2012 - 11/30/2013

Excellent Schools Detroit

Detroit Teacher Project-Residency Internship Program 2012

MARY JO FINNEY (Flint Education)

\$25,000 02/01/2012 - 06/01/2014

Fahs-Beck Fund for Research and Experimentation

A Judged Event: Child Welfare Decision-Making

MARY C RUFFOLO (School of Social Work)

\$5,000 01/01/2013 - 05/31/2014

Fair Food Network

Supplemental Nutrition Assistance Program (SNAP)

MACK T RUFFIN (Family Medicine)

\$40,000 09/01/2012 - 02/28/2013

Flinn, Ethel and James, Foundation

Increasing Mental Health Treatment Access for Underserved Children and Adolescents

SHEILA M MARCUS (Psychiatry Child Services)

with LIWEI LIVIA HUA

\$200,000 01/01/2013 - 12/31/2014

Flint, City of

African/African-Diaspora Artist Series

GULUMA GEMEDA (Flint Africana Studies Dept)

with DAUDA ABUBAKAR

ERNEST N EMENYONU

\$8,800 01/02/2013 - 06/30/2013

Florida State University

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

KATHERINE LISA ROSENBLUM (Psychiatry Child Services)

\$23,972 10/02/2011 - 09/29/2013

Ford Motor Company

Development of a novel, path-dependent failure criterion for the hydroforming of extruded aluminum tubes

GHASSAN T KRIDLI (Dbn Col of Eng-Indust & Sys En)

\$161,693 01/01/2013 - 12/31/2014

Aspirator/Ejector advanced design methodology

PRAVANSU S MOHANTY (Dbn Coll of Eng-Mechanical Eng)

with SUBRATA SENGUPTA

\$184,715 01/01/2013 - 12/31/2014

Further Investigation into Real-World Driver Distraction with IVBSS and Saftey Pilot Databases

JAMES R SAYER (UMTRI-Human Factors)

\$196,137 01/01/2013 - 12/31/2014

Optimized Scheduling for Prototype Test Vehicles

MARINA A EPELMAN (Industrial & Operations Engin)

with AMY ELLEN MAINVILLE COHN

\$178,317 01/01/2013 - 12/31/2014

?Revolution or Evolution? -- Social Media?s Impact on Vehicle Purchase Funnel

PUNEET MANCHANDA (ROSS SCH Research Support)

\$20,000 01/21/2013 - 09/30/2013

Fraunhofer

Multi Beam Laser Additive Manufacturing for Efficient Part Manufacture and Repair

JYOTIRMOY MAZUMDER (CoE Claims Lab)

\$30,999 10/01/2012 - 09/30/2013

GE Global Research

Control Enabling Solutions with Integrated Strain And Temperature Sensing for Robust Batteries

ANNA G STEFANOPOULOU (Mechanical Engineering)

with BOGDAN EPUREANU

CHARLES W MONROE

KRISHNAKUMAR R GARIKIPATI

\$1,469,284 01/01/2013 - 12/31/2015

General Motors Company

Continuing Project to Thrust Area1: Optical Diagnostics for DI Engines of the Continuation of the GM/ University of Michigan Collaboration Research Laboratory in Engine Systems Research" GMCRL-N010943- Sick, Prabhaker

VOLKER SICK (Mechanical Engineering)

\$164,223 02/15/2013 - 03/31/2014

General Motors Corporation

Evaluation of General Motors Lifesteps Program 2012

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$31,150 02/01/2013 - 02/28/2013

Genesee County

Implementation of Integrated Measurement-based Care for Persons with Serious Mental Illness

AMY MACLAY KILBOURNE (Psych HlthSvc Outcome Research)

\$3,698 11/01/2012 - 09/30/2013

George Washington University

The Glycemia Reducation Approaches for Diabestes: A Comparative Effectiveness Study

WILLIAM H HERMAN (Metabolism, Endo & Diabetes)

with MENG TAN

RODICA POP-BUSUI

\$205,928 01/01/2013 - 07/31/2013

HAMZTEC, LLC

Awareness Enhancement and Monitoring Device for Treatment of Trichotillomania (Phase II) supplement

JOSEPH ALAN HIMLE (School of Social Work)

\$30,000 01/01/2013 - 12/31/2013

Harley-Davidson, Inc.

Harley-Davidson Vision 2025 Project Trends Analysis

SUSAN ZIELINSKI (UMTRI - SMART Program)

\$10,027 12/06/2012 - 05/01/2013

Harvard University

Behavioral-based predictors of workplace violence in the Army STARRS

STEVEN G HEERINGA (Survey Research Organization)

\$60,471 09/30/2012 - 09/29/2013

Illustrations of my book "Miraculous Images in Renaissance Florence"

MEGAN L HOLMES (LSA History of Art)

\$7,000 02/01/2013 - 06/30/2013

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

Vision Health Initiative - IPA with CDC

PAUL LEE (Ophthalmology & Visual Science)

\$30,500 09/29/2012 - 09/28/2013

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

Multidisciplinary Training Program in Lung Disease

THEODORE J STANDIFORD (Int Med-Pulm./Critical Care)

with GARY B HUFFNAGLE
KEVIN R FLAHERTY

\$4,056,135 07/01/2013 - 06/30/2018

Michigan Postbaccalaureate Research Education Program

KATHARINE FRANCESCA BARALD (Postdoc Program)

\$1,480,196 03/01/2013 - 02/28/2017

Analysis of intracellular signaling in angiogenesis

JUN-LIN GUAN (Int Med-Molecular Med&Genetics)

\$1,555,000 04/01/2013 - 03/31/2017

Mechanisms of glioma growth and invasion novel therapeutic strategies

PEDRO LOWENSTEIN (Neurosurgery)

with MARIA CASTRO

\$1,700,780 04/01/2013 - 03/31/2018

Chronic Stress and Abdominal Pain: Novel Mechanisms

JOHN WILEY (Int Med-Gastroenterology)

with SHUANGSONG HONG

\$1,691,065 04/01/2013 - 02/28/2018

Coordinate regulation of competence and pneumocin production in S. pneumoniae

SUZANNE RACHEL DAWID (Pediatrics-Infectious Diseases)

\$1,706,053 02/05/2013 - 01/31/2018

DNA Demethylation and Muller Glia Reprogramming During Retina Regeneration

DANIEL J GOLDMAN (Molecular & Behav Neurosc Inst)

with FAN MENG

\$415,532 04/01/2013 - 03/31/2015

A Zebrafish model of extraocular muscle regeneration

ALON KAHANA (Ophthalmology & Visual Science)

with PHILLIP E KISH

\$1,519,480 04/01/2013 - 03/31/2017

HealthSCOPE Benefits

HealthSCOPE Benefits

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$30,000 11/01/2012 - 10/31/2015

Henry Ford Health System

Childhood Health Disparities: Exploration of Prenatal Exposures in Primary Teeth

LAWRENCE F BIELAK (Epidemiology Department)

with SUNG KYUN PARK

\$66,352 12/01/2012 - 11/30/2013

Henry Ford Hospital

Stroke Hyperglycemia Insulin Network Effort

JEFFREY JAMES FLETCHER (Neurosurgery)

\$136,000 01/01/2013 - 08/31/2013

ICON Clinical Research, Inc.

UMCC 2012.051 An Open-label, Randomized Phase 3 Study of Inotuzumab Ozogamicin Compared to a Defined Investigator's Choice in Adult Patients with Relapsed or Refractory CD22-Positive Acute Lymphoblastic Leukemia (ALL)

DALE LEE BIXBY (Int Med-Hematology/Oncology)

\$224,471 01/29/2013 - 02/14/2018

An Open-label, Phase 2 Study of MLN9708 Oral Formulation in Adult Patients With Advanced Nonhematologic Malignancies Expressing Elevated Cytoplasmic p65/NFkB

DAVID C SMITH (CTO-Phase 1)

\$5,500 10/17/2012 - 01/08/2013

A Phase 2 Double-blind, Double-dummy, Multicenter, Prospective, Randomized Study of the Pharmacokinetics and Safety of LCP-Tacro? Tablets, Once-daily, Compared to Prograf? Capsules, Twice-daily, in Combination with Mycophenolate Mofetil for the Prevention of Acute Allograft Rejection in De Novo Adult Kidney Transplant Recipients

FU LUNG LUAN (Int Med-Nephrology)

\$64,285 02/04/2013 - 02/03/2014

IFOM Fondazione Istituto FIRC di Oncologia Molecolare

Dissecting DDRNA Pathways Using Intracellular Single Particle Tracking

NILS G WALTER (LSA Chemistry)

\$23,348 01/01/2013 - 06/30/2013

IMRA America, Inc.

Development of ?Living? PEGylation on AuNP Made by Femtosecond Laser Ablation and Its Biomedical Applications

DUXIN SUN (PHARMACY Pharmaceutical Sci)

\$40,310 12/01/2012 - 11/30/2013

Janssen Pharmaceutica, Inc.

Characterization of a SCID-HDM model

CORY M HOGABOAM (Pathology Department)

\$200,805 09/01/2012 - 12/31/2013

Janssen Research and Development, LLC

Randomized, Double-blind, Placebo-controlled Phase 3 Study of PCI-32765, a Bruton's Tyrosine Kinase (Btk) Inhibitor, in combination with Bendamustine and Rituximab (BR) in Subjects With Relapsed or Refractory B-Cell Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma

DALE LEE BIXBY (Int Med-Hematology/Oncology)

\$474,689 02/08/2013 - 10/31/2017

Jet Propulsion Laboratory

US Rosetta Project for Phase E: VIRTIS Science Support FY13-FY16

MICHAEL R COMBI (Space Physics Research Lab)

\$17,502 10/01/2012 - 09/25/2016

Development of the Innovation Center Web Tool

JAMES W CUTLER (Aerospace Engineering)

\$20,000 02/13/2013 - 09/27/2013

Johns Hopkins University

Is Informed Consent a Policy Solution to Legal, Political and Public Challenges in Using Residual Newborn Screening Dried Blood Spots for Research?

DENISE CHRYSLER (Health Management and Policy)

\$5,345 11/15/2012 - 05/14/2013

University Based Training in Health IT

PATRICIA A ABBOTT (SON-Grants)

\$61,480 09/01/2012 - 07/01/2013

Joslin Diabetes Center

A multicenter clinical trial of allopurinol to prevent GFR loss in T1D

ANDRZEJ T GALECKI (IntMed-Geri & Palliative Med.)

with RODICA POP-BUSUI

\$49,645 09/25/2012 - 08/31/2013

JSTOR

Journal Storage Project (JSTOR)--2013

JEFFREY K MACKIE-MASON (School of Information)

\$193,469 01/01/2013 - 12/31/2013

Juvenile Diabetes Research Foundation International (JDRF)

Novel Biomarkers and ImmunoChip Analysis in Type 1 Diabetes

MASSIMO T PIETROPAOLO (Metabolism, Endo & Diabetes)

with ANDRZEJ T GALECKI

\$82,000 01/01/2013 - 12/31/2013

Kettering Foundation

Fostering Community Based Commitments to Support Educational and Career Opportunities for Youth in a Detroit Neighborhood: The Role of a Center for Public Life

BETTY J OVERTON-ADKINS (SOE-CSHPE)

\$33,250 01/15/2013 - 12/31/2013

King Abdullah University of Science and Technology Saudi Arabia

Ultra-Low Threshold Current Semiconductor Lasers

PALLAB K BHATTACHARYA (COE EECS - ECE - SSEL)

\$600,000 01/01/2013 - 12/31/2015

Land Information Access Association (LIAA)

Comprehensive InterJurisdictional Planning for Resilient Communities in Michigan Facing the Challenges of Climate Change

RICHARD K NORTON (Urban Planning)

\$60,000 10/01/2012 - 12/31/2015

Leukemia and Lymphoma Society

Structural Studies of the CBF3/Centromere-specific nucleosome complexes

UHN-SOO CHO (Biological Chemistry Dept)

\$54,167 09/01/2012 - 06/30/2013

Macomb, County of

Caring Calls: A Supportive Intervention for Families of Suicidal Youth

CYNTHIA J EWELL FOSTER (Psychiatry Child Services)

\$9,654 11/01/2012 - 09/30/2013

Macomb-Oakland Regional Center, Inc. (MORC)

Silver Club Transportation Services, MORC FY13

DARLENE KNAPP RACZ (UMH Silver Club Programs)

\$4,000 10/01/2012 - 09/30/2013

McDonnell, James S., Foundation

Using complex systems approaches to facilitate the discovery of next generation anti-cancer strategies

SOFIA D MERAJVER (Int Med-Hematology/Oncology)

\$200,000 03/01/2013 - 02/28/2015

McKesson Foundation

Developing and mHealth Application to Improve Cancer Chemotherapy Symptom Management

LAWRENCE C AN (Int Med-General Medicine)

with MARIA J SILVEIRA

SUSAN URBA

YUN LI

\$250,000 12/16/2012 - 06/30/2014

MediFit Corporate Services

MediFit Corporate Services

LOUIS TZE-CHING YEN (Health Management Research Ctr)

\$32,500 01/01/2013 - 12/31/2013

Medtronic, Inc.

Intracardiac Cryoablation for AtrioVentricular Nodal Reentrant Tachycardia

FRANK PELOSI JR (Int Med-Cardiology)

\$77,842 02/06/2013 - 06/30/2016

Mellon, Andrew W., Foundation

Mellon Conservation Librarian Fund

SHANNON VIRGINIA ZACHARY (Library Collect - Preservation)

\$250,000 01/01/2013 - 12/31/2015

Mendenhall Associates, Inc. (MAI)

Diffusion of Reverse Shoulder Replacement: A Novel Use of Medical Device Supply Chain Data

RICHARD E HUGHES (Orthopaedic Surgery)

\$9,330 03/01/2013 - 02/28/2014

Merck Sharp and Dohme Research Laboratories

Identification of Indicators of Insufficient Neuromuscular Blockade in Patients Undergoing General Surgery

SACHIN KHETERPAL (Anesthesiology Department)

with KEVIN K TREMPER

\$198,350 01/31/2013 - 12/31/2013

Metabolon Company

Amendment: Metabolomic Profiling of Cancer Progression

THEKKELNAYCKE RAJENDIRAN (Ctr fr Translational Pathology)

\$75,000 03/15/2011 - 12/31/2014

Missouri Foundation for Health

Comprehensive Evaluation of Missouri Foundation for Health's Childhood Asthma Linkages in Missouri (CALM) Funding Program and Grantees

NOREEN M CLARK (Hlth Behavior & Hlth Ed Dept)

\$250,673 01/01/2013 - 02/28/2014

National Aeronautics and Space Administration

Application of high-resolution global simulations of tides embedded within an eddying general circulation model to SWOT mission planning

BRIAN K ARBIC (LSA Earth & Environmental Sci.)

\$120,749 01/09/2013 - 01/08/2016

Stray Light Correction for NASA's EUV Imaging Instruments

RICHARD A FRAZIN (Atm, Oceanic & Space Sci.)

\$190,000 04/01/2013 - 03/31/2016

Imaging and Spectroscopy of a New, Nearby Supernova Remnant and a Potentially Ejected Neutron Star.

JON MATTHEW MILLER (LSA Astronomy)

\$47,532 04/01/2013 - 03/31/2015

A Deep XMM-Newton Observation of the Enigmatic Microquasar 1E 1740.7-2942

JON MATTHEW MILLER (LSA Astronomy)

\$60,746 01/18/2013 - 01/17/2014

A Decisive Legacy Observation of an Ultraluminous X-Ray Source

JON MATTHEW MILLER (LSA Astronomy)

\$53,584 01/23/2013 - 01/22/2015

Discovering Missing Baryons Around Two Early-Type Galaxies

JOEL N BREGMAN (LSA Astronomy)

\$193,704 01/23/2013 - 01/22/2015

Connecting Ionospheric Outflow to the Inner Magnetosphere Using Multifluid MHD

DANIEL WELLING (Atm, Oceanic & Space Sci.)

\$160,393 01/04/2013 - 01/03/2016

A Swift, Smarts Look at Stellar-Mass Black Hole Accretion

JON MATTHEW MILLER (LSA Astronomy)

\$28,000 11/20/2012 - 11/19/2013

National Network of Depression Centers (NNDC)

Data Management Plan for the National Network of Depression Centers

CATHERINE A SPINO (Psychiatry Depression Center)

STEPHAN F TAYLOR (Psychiatry Depression Center)

\$202,326 08/23/2012 - 08/22/2014

National Science Foundation

Development of New Hominoid Fossil Sites in Uganda

LAURA M MACLATCHY (LSA Anthropology)

\$16,640 06/01/2013 - 05/31/2014

CAREER: Increasing the power of single-molecule bio-imaging with plasmon-enhanced fluorescence

JULIE SUZANNE BITEEN (LSA Chemistry)

\$513,000 05/01/2013 - 04/30/2018

Extension of the plagioclase-liquid hygrometer to rhyolites and Sr and Ba partitioning studies: new phase equilibrium experiments on hydrous rhyolite

REBECCA ANN LANGE (LSA Earth & Environmental Sci.)

\$355,191 01/01/2013 - 12/31/2015

COLLABORATIVE PROPOSAL: Resolving an ancient radiation: gingers, phylogenies and fossils.

SELENA Y SMITH (LSA Earth & Environmental Sci.)

\$571,299 05/01/2013 - 04/30/2017

State Formation and Urbanization in EIA Rome: Investigating the Role of the Exchange and Human-Environment Interactions

NICOLA TERRENATO (LSA Kelsey Museum/Archaeology)

\$244,484 05/01/2013 - 04/30/2015

CAREER: Understanding the Structure-Interaction-Reactivity Relationship between Small Molecules and Metal-Amyloid Species

MI HEE LIM (Life Sciences Institute-Admin)

\$550,000 03/01/2013 - 02/28/2018

IDBR: High resolution photoacoustic imaging using broadband microring detector for histopathology application

L JAY GUO (COE EECS - ECE - SSEL)

with XUEDING WANG

ZHIXING XIE

\$555,881 02/01/2013 - 01/31/2016

CAREER: Rapid host-parasite evolution and its effects on host invasions: a resurrection ecology study

MEGHAN A DUFFY (LSA Ecology & Evolutionary Bio)

\$678,722 09/01/2012 - 04/30/2016

Doctoral Dissertation Research: On the Lives of Dogs and the Making of Urban Spaces: Romania's Post-Socialist 'Remains,' and the European Vision of 'Development.'

ALAINA M LEMON (LSA Anthropology)

\$25,200 02/01/2013 - 07/31/2014

A macroevolutionary framework to study the assembly of continental biotas

DANIEL RABOSKY (LSA Ecology & Evolutionary Bio)

\$274,606 02/01/2013 - 01/31/2016

REU Site: Interdisciplinary Research Opportunities in Biophysics

MICHAL R ZOCHOWSKI (LSA Biophysics)

\$229,800 05/01/2013 - 04/30/2016

Recent Advances in Algebraic Geometry

MIRCEA IMMANUEL MUSTATA (LSA Mathematics)

\$49,671 03/01/2013 - 02/28/2014

REU Site: Summer Undergraduate Research Experience in Physics at the University of Michigan

JAMES T LIU (LSA Physics)

\$247,766 05/01/2013 - 04/30/2016

Optical Characterization of Intrinsic Properties and Fabric of Coarse-Grained Soils

ROMAN D HRYCIW (Civil & Environmental Engr)

\$398,194 09/01/2013 - 08/31/2016

IPA Agreement for Farnam Jahanian - 2013/2014

FARNAM JAHANIAN (COE EECS - CSE - SSRL)

\$382,371 03/01/2013 - 02/28/2014

New York University

Rusk Rehabilitation Traumatic Brain Injury Model System of Care at NYU

DAVID TULSKY (Physical Medicine & Rehab Dept)

\$49,698 10/01/2012 - 09/30/2013

International Registry of Aortic Dissection

KIM ALLEN EAGLE (Int Med-Cardiology)

\$5,000 02/14/2013 - 02/14/2014

Northwestern University

Supplement to Housing Trade-offs as they are perceived and as they affect children's well-being - MacArthur Funding

DANIEL P KEATING (Survey Research Organization)

\$123,686 05/01/2012 - 12/31/2012

NOVARTIS PHARMA, INC.

AME #3 to UMCC 2008.084: An open-label, single-arm phase II study of RAD001 (everolimus) in patients with refractory mantle cell lymphoma

MARK S KAMINSKI (Int Med-Hematology/Oncology)

\$3,927 05/06/2009 - 12/31/2014

Ovarian Cancer Research Fund, Inc., The (OCRF)

The analysis of NEDD8-activating enzyme inhibitor MLN4924 on ovarian cancer

XIAOCHUN YU (Int Med-Molecular Med&Genetics)

\$75,000 03/01/2013 - 02/28/2014

Parexel International Corporation

A Phase 3, Multicenter, Randomized, Placebo controlled, Double-blind Study to Evaluate the Safety and Efficacy of Ustekinumab Maintenance Therapy in Subjects with Moderately to Severely Active Crohn's Disease Protocol CNTO1275CRD3003

PETER DOYLE HIGGINS (Int Med-Gastroenterology)

\$802,620 02/29/2012 - 10/30/2014

Pennsylvania State University

Structural studies of tight junction proteins

DAVID ANTONETTI (Ophthalmology & Visual Science)

\$118,824 01/01/2013 - 12/31/2013

Pfizer, Inc.

Transthyretin-Associated Amyloidosis Outcomes Survey (THAOS): A Global Multi-Center, Longitudinal, Observational Survey of Patients with Documented Transthyretin (TTR) Mutations or Wild-Type TTR Amyloidosis

SCOTT HUMMEL (Int Med-Cardiology)

\$181,670 02/15/2013 - 02/14/2023

PPD, Inc.

A Phase 3, Randomized, Double-Blind, Multicenter Study Comparing Oral MLN9708 plus Lenalidomide and Dexamethasone versus Placebo plus Lenalidomide and Dexamethasone in Adult Patients with Relapsed and/or Refractory Multiple Myeloma

MOSHE TALPAZ (Int Med-Hematology/Oncology)

\$449,025 01/18/2013 - 01/19/2020

A PHASE II/III, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO ASSESS THE EFFICACY AND SAFETY OF TOCILIZUMAB VERSUS PLACEBO IN PATIENTS WITH SYSTEMIC SCLEROSIS

DINESH KHANNA (Int Med-Rheumatology)

with ELENA SCHIOPU

\$65,610 04/26/2012 - 03/01/2015

PRA International

UMCC 2012.110-A Randomized Phase 3 Study Comparing Cabazitaxel/Prednisone in Combination with Custirsen (OGX-011) to Cabazitaxel/Prednisone for Second-Line Chemotherapy in Men with Metastatic Castrate Resistant Prostate Cancer

DAVID C SMITH (Int Med-Hematology/Oncology)

\$276,938 02/12/2013 - 01/31/2015

Premier Research

A Four-Week, Double-Blind, Placebo-Controlled, Randomized, Multicenter Study Evaluating the Safety and Efficacy of AF-219 in Female Subjects with Interstitial Cystitis/Bladder Pain Syndrome

JAMES QUENTIN CLEMENS (Urology)

with ANN L OLDENDORF

\$4,154 11/15/2012 - 06/30/2013

Quintiles, Inc

A randomised, double blind, placebo-controlled, multiple dose, phase 2b, 24 week trial followed by an open label extension of NNC0109-0012, an anti-IL-20 biologic, in patients with active rheumatoid arthritis who are inadequate responders to anti-TNFa biologics

DAVID A FOX (Int Med-Rheumatology)

with ALISON GIZINSKI

\$289,389 02/19/2013 - 02/29/2016

Research Foundation of State University of New York

The Role of Vitamin D in Retinal Diseases in Aging

JOSHUA D STEIN (Ophthalmology & Visual Science)

\$5,365 09/06/2012 - 03/31/2013

Salk Institute for Biological Studies

Dissecting neural mechanisms integrating multiple inputs in C.elegans

NIKOLAOS CHRONIS (Mechanical Engineering)

\$65,949 12/01/2012 - 11/30/2013

Sandia National Laboratories

FMM-FFT and Butterfly-Accelerated Integral Equation Solvers

ERIC MICHIELSSEN (COE EECS - ECE - Rad)

\$40,000 02/13/2013 - 08/31/2013

Sanofi-Aventis Pharmaceuticals

ACT12339: Double-Blind, Randomized, Placebo-Controlled, 8-week Study investigating the safety, Pharmacogenetics and Pharmacodynamics of SAR100842 Given Orally to Patients with Diffuse Cutaneous Systemic Sclerosis

DINESH KHANNA (Int Med-Rheumatology)

with ELENA SCHIOPU

\$94,386 11/19/2012 - 03/31/2014

Santen Pharmaceutical

Intravitreal Injections of DE-109 for the Treatment of active, Non-Infectious Uveitis

SUSAN G ELNER (Ophthalmology & Visual Science)

\$2,000 01/31/2012 - 12/31/2013

Sarcoma Alliance for Research Through Collaboration (SARC)

SARC Sarcoma Spore

LAURENCE H BAKER (Int Med-Hematology/Oncology)

with RASHMI CHUGH

\$9,954 09/26/2012 - 08/31/2013

SARC Sarcoma SPORE

YUAN ZHU (Int Med-Molecular Med&Genetics)

with FAN MENG

LAURENCE H BAKER

\$224,551 09/26/2012 - 08/31/2013

Seattle Children's Hospital

A Long-Term Prospective Observational Safety Study of the Incidences of and Risk Factors for Fibrosing Colonopathy in US Patients with Cystic Fibrosis Treated with Pancreatic Enzyme Replacement Therapy: A Harmonized Protocol Across sponsors

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

with IXSY ABIGAIL RAMIREZ

\$38,945 02/27/2013 - 02/26/2023

Smithsonian Institution

Testing Supermassive Black Hole Feedback in a Pristine Environment

ELENA GALLO (LSA Astronomy)

\$71,330 01/07/2013 - 01/06/2015

Temperature Structure Characterization

ELENA RASIA (LSA Physics)

\$60,000 01/01/2013 - 02/28/2015

Space Telescope Science Institute

Resolving the Star Formation in Distant Galaxies

KEREN SHARON (LSA Astronomy)

\$155,686 12/01/2012 - 11/30/2015

SPARK

Engaging Community through the Classroom

RICHARD K NORTON (Urban Planning)

\$12,500 01/01/2013 - 06/30/2013

Spectral Sciences, Inc

Advanced Hybrid Methods for Complex Plumes

IAIN D BOYD (Aerospace Engineering)

\$16,504 02/07/2012 - 05/07/2013

Sunovion Pharmaceuticals Inc

Effects of experimental compounds measured by various assays in monkeys

MEI-CHUAN KO (Pharmacology Department)

\$184,500 02/07/2013 - 01/31/2014

Toyota Engineering & Manufacturing North America (TEMA)

11-PAF05492

DAVID JAMES LEBLANC (UMTRI-Engineering Systems)

with CAROL ANN FLANNAGAN

DANIEL F BLOWER

\$54,921 08/01/2011 - 03/31/2013

Tulane University

COORDINATING CENTER FOR THE PEDIATRIC HIV/AIDS COHORT STUDY II

JOSE ARTURO BAUERMEISTER (Hlth Behavior & Hlth Ed Dept)

\$13,718 08/01/2012 - 07/31/2013

University of Colorado

Routes to Sustainability for Natural Gas Development and Water and Air Resources in the Rocky Mountain Region

ROBERT DICK (COE EECS - ECE - SSEL)

\$91,150 10/01/2012 - 09/30/2017

University of Illinois-Urbana-Champaign

New Class of Excimer-Pumped Atomic Lasers (XPALS)

MARK KUSHNER (COE EECS - ECE - Rad)

\$52,500 11/15/2012 - 05/14/2013

Alcohol and other drug abuse (AODA) 2012-2013

JOSEPH P RYAN (School of Social Work)

with BRIAN E PERRON

JORGE DELVA

\$112,774 07/01/2012 - 06/30/2013

University of Kansas

Development and Evaluation of Purine and Coumarin Based HSP90 Inhibitors

MARK STEVEN COHEN (GSA - Administration (GSA/ADM))

\$63,806 09/01/2012 - 06/30/2013

University of Washington*Structure/Function studies of small heat shock proteins*

DANIEL SOUTHWORTH (Life Sciences Institute-Admin)

with JASON EDWARD GESTWICKI

\$77,964 12/01/2012 - 11/30/2013

Effect of treatment on outcome after TBI in children and adolescents

DAVID TULSKY (Physical Medicine & Rehab Dept)

\$61,936 09/30/2012 - 09/29/2013

A multi-scale model of bacterial metabolism & macrophage dynamics during TB

DENISE E KIRSCHNER (Microbiology and Immunology)

\$49,959 12/01/2012 - 08/31/2013

Various Sponsors*CMISST Membership Affiliates Program*

CAROL ANN FLANNAGAN (UMTRI-Data Center)

JONATHAN DAVID RUPP (UMTRI-Data Center)

\$50,000 01/29/2013 - 01/28/2014

Recharge: Human Phenotyping Core (lab services core)

CHARLES BURANT (MI Metabolical & Obesity Ctr)

\$75 01/01/2013 - 05/31/2013

Recharge: Child Restraint Testing

LAWRENCE W SCHNEIDER (UMTRI-Biosciences)

\$19,300 12/12/2012 - 12/12/2014

Vertex Pharmaceuticals, Inc.*A Phase 3, Two-Arm, Rollover Study to Evaluate the Safety of Long-Term Ivacaftor Treatment in Subjects 6 Years of Age and Older with Cystic Fibrosis and a Non-G551D CFTR Mutation Study*

SAMYA Z NASR (Pediatrics-Pulmonary Medicine)

\$122,026 01/17/2013 - 11/29/2015

Veterans Affairs, Department of

IPA - Grant Kruger - 10/1/2012 through 9/30/2013

WILLIAM F WEITZEL III (Int Med-Nephrology)

\$43,805 10/01/2012 - 09/30/2013

IPA - Nahid Hemati-Schroat

NITHYA RAMNATH (Int Med-Hematology/Oncology)

\$12,366 10/01/2012 - 06/30/2013

IPA - Fen Yu (Cease)

KEMP B CEASE (Int Med-Hematology/Oncology)

\$49,431 10/01/2012 - 09/30/2013

IPA Ming Du

NITHYA RAMNATH (Int Med-Hematology/Oncology)

\$57,666 07/01/2012 - 06/30/2013

IPA Extension - Mary Jannausch

MARK ANDREW ILGEN (Psych HlthSvc Outcome Research)

\$4,028 01/01/2013 - 12/31/2013

IPA John Todd Arndt

BRUNO J GIORDANI (Psychiatry Depression Center)

\$16,060 02/01/2013 - 01/31/2014

IPA Deirdre Conroy

KIRK J BROWER (Psych Substance Abuse)

\$12,634 02/01/2013 - 01/31/2014

IPA-Daniel Connochie

ANGELA TSAI FAGERLIN (Int Med-General Medicine)

\$2,742 10/01/2012 - 09/30/2013

V Foundation for Cancer Research, The

Nras signaling in hematopoietic stem cells and leukemic stem cells

QING LI (Int Med-Hematology/Oncology)

\$200,000 11/01/2012 - 10/31/2014

Volkswagen of America, Inc.

Development of a Roadmap for Collecting Linked Pre-Crash Video and Crash Reports

CAROL ANN FLANNAGAN (UMTRI-Data Center)

with JONATHAN DAVID RUPP

\$49,989 12/01/2012 - 05/31/2013

Washington University

Cell Death Activation to Prevent Late Relapse in Breast Cancer

SHAOMENG WANG (Int Med-Hematology/Oncology)

with LONGCHUAN BAI

\$153,670 10/09/2012 - 10/08/2013

Washtenaw, County of

Buenos Vecinos Survey - HUD Component

DANIEL JAMES KRUGER (Hlth Behavior & Hlth Ed Dept)

\$37,987 12/15/2012 - 06/30/2014

Preventing Property Tax Foreclosure FY 13

ALFREDA RENAE ROOKS (UMH Housing Bureau/Senior)

\$15,132 07/01/2012 - 06/30/2013

Water Environment Research Foundation

Low Energy Alternatives for Activated Sludge - Advancing Anaerobic Membrane Bioreactor Research

NANCY G LOVE (Civil & Environmental Engr)

with LUTGARDE M RASKIN

STEVEN J SKERLOS

\$240,000 01/01/2013 - 01/31/2015

Wayne State University

Detroit Center for Family Advocacy - WSU Baby Court

VIVEK S SANKARAN (Law School)

\$40,194 01/01/2013 - 12/31/2014

Wolverine Trading, LLC

Wolverine Trading Agreement 1/22/13 - 1/21/2014

JEANNE P MURABITO (CoE Eng Career Resource Center)

\$2,500 01/22/2013 - 01/21/2014