

SUBMITTED BY:

**STEPHEN M. LANIER, PH.D.
VICE PRESIDENT FOR RESEARCH**

**NEW RESEARCH AWARDS OVER \$100,000
QUARTER 1 – FY 2016**

COLLEGE OF ENGINEERING

Automotive Research Center

Principal Investigator: Naeim A. Henein

Sponsor: Hydro-Ject, Inc

Title: Hydro-Ject Concept Validation in an Operating Diesel Engine

Anticipated Total: \$155,000

Effective Dates: 11/23/2015 – 11/30/2016

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Chemistry

Principal Investigator: Charles H. Winter

Sponsor: BASF Corporation

Title: 6-Membered Cyclic Dienes as Strongly Reducing Precursors for the Growth of Element Films by Vapor Phase Deposition

Anticipated Total: \$100,000

Effective Dates: 12/3/2015 – 8/31/2016

Department of Mathematics

Principal Investigator: Steven M. Kahn

Sponsor: United Way of Southeastern Michigan

Title: WSU Math Program from CEEM (at Osborn Academics)

Anticipated Total: \$224,000

Effective Dates: 9/1/2015 – 6/30/2016

Department of Psychology

Principal Investigator: Lisa J. Rapport

Sponsor: Administration for Community

Title: Visual Gaze and Validity of Cognitive Evaluations

Anticipated Total: \$582,076

Effective Dates: 9/30/2015 – 9/29/2018

SCHOOL OF SOCIAL WORK

Department of Social Work Instruction

Principal Investigator: Elizabeth J. Agius
Sponsor: State Of Michigan Dept. of Health & Human Services
Title: Strategic Prevention Framework Partnership for Success II (SPF PFSII)
Anticipated Total: \$127,382
Effective Dates: 10/1/2015 – 9/30/2016

DIVISION OF RESEARCH

Institute of Gerontology

Principal Investigator: Peter A. Lichtenberg
Sponsor: State of Michigan Dept. of Community Health
Title: A New Approach to Detecting and Preventing Financial Exploitation
Anticipated Total: \$110,011
Effective Dates: 10/1/2015 – 9/30/2016

Merrill Palmer Institute

Principal Investigator: Ann Michele Stacks
Sponsor: U.S. Administration for Children and Families
Title: Recognizing, Reflecting, and Responding to Infant/Toddler Cues: An Integrated Parent-Teacher Intervention to Support Social-Emotional Development thro
Anticipated Total: \$498,898
Effective Dates: 9/30/2015 – 9/29/2020

Office of Technology Commercialization

Principal Investigator: Joan Dunbar
Sponsor: Michigan Strategic Fund
Title: WSU MTRAC
Anticipated Total: \$1,073,000
Effective Dates: 10/1/2015 – 9/30/2018

PROVOST AND VP ACADEMIC AFFAIRS

Department of Urban, Labor, and Metro Affairs

Principal Investigator: Thomas Lyke Thompson
Sponsor: Skillman Foundation
Title: Wayne State University - Center for Urban Studies Ceasefire/Detroit Youth Violence Prevention Initia
Anticipated Total: \$200,000
Effective Dates: 12/1/2015 – 12/1/2016

Department of Urban, Labor, and Metro Affairs

Principal Investigator: Thomas Lyke Thompson
Sponsor: Skillman Foundation
Title: Skilliman AmeriCorps Safety Program Year 3
Anticipated Total: \$325,000
Effective Dates: 12/1/2015 – 12/1/2016

SCHOOL OF MEDICINE

Department of Emergency Medicine

Principal Investigator: Tolulope Sonuyi
Sponsor: Skillman Foundation
Title: Detroit Life is Valuable Everyday (Detroit L.I.V.E.s)
Anticipated Total: \$125,000
Effective Dates: 10/1/2015 – 9/30/2016

Department of Emergency Medicine

Principal Investigator: Phillip David Levy
Sponsor: Roche Diagnostics Operations
Title: Icon Reloaded
Anticipated Total: \$249,505
Effective Dates: 11/10/2015 – 9/30/2016

Department of Family Medicine

Principal Investigator: Samiran Ghosh
Sponsor: Patient-Centered Outcomes Research Institute
Title: Developing Bayesian Methods for Noninferiority Trial in Comparative Effectiveness Research
Anticipated Total: \$832,703
Effective Dates: 10/1/2015 – 9/30/2018

Department of Oncology

Principal Investigator: Shirish Gadgeel
Sponsor: Gateway for Cancer Research
Title: Phase I/II Trial Evaluating the Combination Of Anti-PD-1 Pembrolizumab And EGFR-BATs as Maintenance Therapy for Advanced Non-Small Cell Lung Cancer Patients
Anticipated Total: \$804,600
Effective Dates: 10/1/2015 – 9/30/2018

Department of Oncology

Principal Investigator: Michele Cote

Sponsor: State of Michigan Department of Health and Human Services

Title: Health Systems Change for Tobacco Dependence Treatment and Lung Cancer Screening Project

Anticipated Total: \$100,000

Effective Dates: 11/1/2015 – 9/30/2016

Department of Oncology

Principal Investigator: Ulka Nitin Vaishampayan

Sponsor: Gateway for Cancer Research

Title: Phase II Trial evaluating efficacy of bispecific antibody armed T cells (BATs) in metastatic castrate resistant prostate cancer (mCRPC)

Anticipated Total: \$803,625

Effective Dates: 1/1/2016 – 12/1/2018

Department of Neurology

Principal Investigator: Omar A. Khan

Sponsor: Biogen, Inc.

Title: Biomarker Study to Investigate Tissue Injury in Pre-Manifest Huntington's Disease

Anticipated Total: \$344,610

Effective Dates: 9/25/2015 – 9/30/2016

Department of Pharmacology

Principal Investigator: Eugene P. Schoener

Sponsor: Ethel and James Flinn Family Foundation

Title: A Novel Behavioral Treatment for Chronic Pain, Mood and Anxiety Disorders: An Implementation Study

Anticipated Total: \$200,000

Effective Dates: 1/1/2016 – 12/31/2017

Department of Physiology

Principal Investigator: Xuequn Chen

Sponsor: National Institute of Diabetes Digestive & Kidney Diseases

Title: Proinsulin ER Export and Beta Cell ER Homeostasis in Diabetes

Anticipated Total: \$152,958

Effective Dates: 9/15/2015 – 8/31/2016

Department of Physiology

Principal Investigator: Jian-Ping Jin

Sponsor: NorthShore University Health system at NorthShore University

Title: Detection of Host Response In Clostridium Difficile Infection

Anticipated Total: \$152,000

Effective Dates: 7/1/2015 – 6/30/2016

Department of Physiology

Principal Investigator: Charles S. Chung

Sponsor: American Heart Association/National Center

Title: Mechanisms of Diastolic Relaxation in Normal and Diseased Hearts

Anticipated Total: \$260,642

Effective Dates: 7/1/2015 – 6/30/2018

Department of Physiology

Principal Investigator: Patrick J. Mueller

Sponsor: American Heart Association/National Center

Title: Physical Inactivity and Enhanced Sympathoexcitation: Role of Structural and Functional Neuroplasticity in the RVLM

Anticipated Total: \$143,000

Effective Dates: 7/1/2015 – 6/30/2017