

SPHHP Research Activities Newsletter

University at Buffalo

June/July 2017

In the News

Congratulations to the Following Awardees!



Hailey Banack, Postdoctoral Associate in Epidemiology and Environmental Health, received a Banting Postdoctoral Fellowship Award from the Canadian Institute of Health Research for the project entitled *Understanding Health Aging in Postmenopausal Women*. The fellowship is awarded to top-tier Canadian and international postdoctoral researchers to develop their leadership potential and to position them for success as researchers. **Jean Wactawski-Wende**, Dean of SPHHP and SUNY Distinguished Professor of Epidemiology and Environmental Health, is mentor.



Randolph Carter, Professor Emeritus of Biostatistics, is Co-PI on a continuation award from the Eunice Kennedy Shriver National Institute of Child Health & Human Development/NIH with Thomas Langan (Neurology) for the project entitled *Enhancement of the Newborn Screening Diagnostic Paradigm to Improve the Efficacy of Cord Blood Transplant for Krabbe Disease (KD)*. The study will continue to determine whether two tests better predict KD. If proven, the resulting change in the NYS-NBS algorithm will improve the speed, the sensitivity and the specificity of diagnosis and prognosis of KD.



Katarzyna Kordas, Associate Professor of Epidemiology and Environmental Health, is PI on a continuation award from the National Institute of Environmental Health Sciences/NIH for the project entitled *Low Level Exposure to Multiple Metals: Effects on Cognition and Behavior*. The longitudinal study seeks to determine how children's exposure to multiple metals affects specific cognitive functions and behavior through middle childhood.



Jeffrey Miecznikowski, Associate Professor of Biostatistics, is Co-I on a new award from the National Center for Advancing Translational Sciences/CTSA Pilot Program (PI: John Leddy, Orthopaedics) for the project entitled *A Randomized Controlled Trial of Exercise Treatment for Concussion*. The study will evaluate controlled aerobic exercise as a non-pharmacological treatment for concussion in adolescents during the acute recovery phase.



Ekaterina Noyes, Professor of Epidemiology and Environmental Health, is PI on a new award from PCORI for the project entitled *Virtual Rural Oncology Community (V-ROC)*. The projected output from this project is the development of a PCOR network focused on rural and other underrepresented oncology stakeholders by using technology to overcome existing access, trust, and communication barriers.



Xuefeng Ren, Associate Professor of Epidemiology and Environmental Health, is PI on a new award from the Vice President for Research and Economic Development's Grant Resubmission Program. The funding provides support to faculty for improving already highly-rated proposals for resubmission. The award will allow Dr. Ren to collect pilot data to enhance the competitiveness of his R01 resubmission to NIH.

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Dr. Ren is also PI on a continuation award from the National Institute of Environmental Health Sciences/NIH for the project entitled *Mechanisms and Outcomes of MMAsIII Induced Alteration in Histone Acetylation*. The research will continue to examine the molecular mechanisms of arsenic carcinogenesis to facilitate the development of novel strategies to prevent, diagnose or treat arsenic associated diseases, including cancer.



Jihnee Yu, Associate Professor of Biostatistics and Director of the Population Health Observatory (PHO), is PI on a new award from the Erie County Medical Center for the project entitled *Establishment of a Trauma Surgery Registry*. The project targets procuring and maintaining ECMC's trauma registry data and , creating research capacity for trauma research in the PHO. The project ultimately seeks to identify and address problems associated with regional trauma care. **Randolph Carter**, Professor Emeritus of Biostatistics and the former director of the PHO, will serve as an advisor.

Dr. Yu is also Co-I on a new award from the National Institute of Neurological Disorders and Strokes/NIH (PI: Hui Meng, Mechanical & Aerospace Engineering) for the project entitled *Virtual Intervention of Intracranial Aneurysms*. This study aims to develop a method of predicting treatment outcome of intracranial aneurysms with clinically-practical computational tools to simulate endovascular treatment strategies and create predictive models that utilize hemodynamics from computational fluid dynamics (CFD) simulations on cases treated *in silico*.



Jean Wactawski-Wende, Dean of SPHHP and SUNY Distinguished Professor of Epidemiology and Environmental Health (EEH) and **Michael LaMonte**, Research Associate Professor of EEH, are Co-Is on a new award from the National Center for Advancing Translational Sciences/CTSA Pilot Program (PI: Jessica Reynolds, Medicine) for the project entitled *Exosomal Biomarkers as Predictors of Osteoporosis, Frailty, and Aging in WHI Participants*. Using serum samples from WHI participants, the project will explore whether baseline expression of exosomal miRNAs that have been previously identified in muscle and with aging can predict either the development or avoidance of sarcopenia to determine the extent to which miRNA predicts loss of lean mass over 15 years.



Grant Clinic

[NOT-OD-17-074](#)

REMINDER – Grant Recipients Must Submit Complete, Timely and Accurate Progress and Financial Reports
NIH award recipients have a responsibility to submit complete, timely and accurate progress and financial reports as required by the NIH Grants Policy Statement, a term and condition of all NIH grant awards.

Research Performance Progress Report (RPPR): Progress reports document grantee recipient accomplishments and compliance with terms of award and usually are required annually as part of the non-competing continuation award process and are submitted through the eRA Commons RPPR module. For awards under Streamlined Non-Competing Award Process (SNAP), progress reports are due the 15th of the month preceding the month in which the budget period ends (e.g., if the budget period ends 11/30, the due date is 10/15). Non-SNAP RPPRs are due approximately 60 days before the next budget period start date. Multi-year funded (MYF) RPPRs are due annually on or before the anniversary of the budget/project period start date of the award.

Financial Expenditure Report (FFR): Reports of expenditures are required as documentation of the financial status of grants according to the official accounting records of the recipient organization. Except for awards under SNAP and awards that require more frequent reporting, the FFR is required on an annual basis. When required on an annual basis for non-SNAP awards, the report must be submitted for each budget period no later than 90 days after the end of the calendar quarter in which the budget period ended. The reporting period for an annual FFR will be that of the budget period for that particular grant; however, the actual submission date is based on the calendar quarter.

NIH Funding Opportunities: Limited Submissions

UB prior approval is required for the following funding opportunities. If you are interested in applying to any of the **limited submissions** listed below, please provide the OVPRED with notification through the [Limited Submissions Mailbox](#) at least 60 days prior to the sponsor's submission deadline before proceeding with an application. The limited submission program is managed by Dr. Kenneth Tramposch on behalf of the OVPRED. He may be contacted at kmt1@buffalo.edu or by phone at 645-3321 for any questions or advice about the limited submission process.

[PAR-17-209 \(R25\)](#)

Research Education: Bridges to the Doctorate

The over-arching goal of this National Institute of General Medical Sciences program is to support educational activities that enhance the diversity of the biomedical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on *Courses for Skills Development* and *Research Experiences*. The Bridges to Doctorate Program is intended to provide these educational activities to Master's level students to increase transition to and completion of Ph.D.'s in biomedical sciences. This program requires partnerships between master's degree-granting institutions with doctorate degree-granting institutions. *Only one application per institution is allowed.*

Application Due Dates: September 25, 2017; September 25, 2018

[PAR-17-210 \(R25\)](#)

Bridges to the Baccalaureate Program

The over-arching goal of this National Institute of General Medical Sciences program is to support educational activities that enhance the diversity of the biomedical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on *Courses for Skills Development*, *Research Experiences*, and *Curriculum or Methods Development*. The Program is intended to provide these activities to community college students to increase transition to and completion of Bachelor's degree in biomedical sciences. This program requires partnerships between community colleges or other two-year post-secondary educational institutions granting the associate degree with colleges or universities that offer the baccalaureate degree. *Only one application per institution is allowed.*

Application Due Dates: September 25, 2017; September 25, 2018

[PAR-17-051 \(R25\)](#)

Post Baccalaureate Research Education Program (PREP)

This FOA will support creative educational activities with a primary focus on *Research Experiences and Courses for Skills Development*. Applications are encouraged from research-intensive institutions that propose to equip recent baccalaureate science graduates from diverse backgrounds underrepresented in biomedical sciences with the necessary knowledge and skills to pursue Ph.D. degrees in these fields. The program provides support for extensive research experiences and well-designed courses for skills development aimed at preparing individuals from underrepresented backgrounds to complete doctoral degrees. *Only one application per institution is allowed.*

Application Due Dates: January 24, 2018; and January 24, 2019

[PAR-17-053 \(R25\)](#)

Research Education: Initiative for Maximizing Student Development (IMSD) Program

The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on research experiences and courses for skills development. *Only one application per institution is allowed.*

Application Due Dates: January 26, 2018; January 28, 2019

[PAR-17-159 \(R01\)](#)

Data Science Research: Personal Health Libraries for Consumers and Patients

The National Library of Medicine seeks applications for novel informatics and data science approaches that can help individuals gather, manage and use data and information about their personal health. A goal of this program is to advance research and application by patients and the research community through broadly sharing the results via publication, and through open source mechanisms for data or resource sharing. *Only one application per institution is allowed.*

Application Due Dates: March 19, 2018

[RFA-ES-17-003 \(P30\)](#)

Environmental Health Sciences Core Centers (EHS CC)

This FOA invites grant applications for EHS CC. The broad overall goal of an EHS CC is to identify and capitalize on emerging issues that advance improving the understanding of the relationships among environmental exposures, human biology, and disease. The EHS CC supports community engagement and translational research as key approaches to improving public health. The Core Centers provide critical research infrastructure, shared facilities, services and /or resources, to groups of investigators conducting environmental health sciences research. *Only one application per institution is allowed.*

Application Due Dates: April 17, 2018, April 17, 2019

[PAR-17-068 \(T34\)](#)

Maximizing Access to Research Careers Undergraduate – Student Training in Academic Research

The Program is designed to provide structured training programs to prepare high-achieving, underrepresented students for doctoral programs in biomedical research fields. Programmatic activities should include authentic research experiences, academic enhancements, skills development, and mentoring. *Only one application per institution is allowed.*

Application Due Dates: May 24, 2018

[PAR-16-361 \(R25\)](#)

Research Initiative for Scientific Enhancement (RISE)

This FOA will support creative educational activities with a primary focus on research experiences and **courses for skills development**. Applicants should directly address how the set of activities will enhance the diversity of the biomedical, behavioral and clinical research workforce by discussing 1) the rationale underlying the balance of effort and resources dedicated to each activity; 2) how the three activities integrate; and 3) objective indicators that can measure the effectiveness of the program. *Only one application per institution is allowed.*

Application Due Dates: May 25, 2018

NIH Funding Opportunities: Requests for Applications (RFA)

September Due Dates

[RFA-RM-17-006 \(DP2\)](#)

NIH Director's New Innovator Award Program

The [NIH Director's New Innovator Award](#) (DP2) supports a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The NIH Director's New Innovator Award complements ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants.

Application Due Date: September 8, 2017

[RFA-HS-17-011 \(T32\)](#)

AHRQ National Research Service Award (NRSA) Institutional Research Training Grant

AHRQ will award NRSA Institutional Research Training Grants to eligible domestic institutions to enhance predoctoral and postdoctoral research training and ensure that a diverse and highly trained workforce is available and committed to the generation, translation and dissemination of new scientific evidence and analytical tools that will be used to improve health care delivery in the United States.

Application Due Date: September 12, 2017

[RFA-RM-17-007 \(R01\)](#)

NIH Director's Transformative Research Awards

The [NIH Director's Transformative Research Award](#) complements NIH's traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research.

Application Due Date: September 15, 2017

October Due Dates

[RFA-AG-18-009 \(R01\)](#)

Novel Cell Non-autonomous Mechanisms of Aging

The goal of this FOA is to support applications that will lead to in-depth understanding of the mechanisms that produce cell non-autonomous aging signals: what they are, how they are generated from cell autonomous aging, how they are released from cells, how they are transported or communicated to other cells, and how they elicit aging upon reaching their target cells. Research supported by this FOA should lead to new insights and better understanding of the importance of cell non-autonomous mechanisms in aging at a tissue, system, or organismal level.

Application Due Date: October 3, 2017

[RFA-DK-16-005 \(R01\)](#)

Identification of Mechanisms Mediating the Effects of Sleep on Diabetes-Related Metabolism in Humans

This FOA invites applications which propose in-depth metabolic phenotyping in carefully selected clinical populations to determine how changes in sleep (improvements or disruptions) influence diabetes-related metabolism. Applications should systematically test a physiological model with the goal of elucidating possible mediators of the reported effects of sleep on glucose metabolism. Applications that propose therapeutic interventions to improve sleep and determine the consequences on diabetes-related metabolism must have preliminary data demonstrating that the proposed method for improving sleep is actually efficacious.

Application Due Date: October 11, 2017

[RFA-AG-18-006 \(K76\)](#)

Paul B. Beeson Emerging Leaders Career Development Award in Aging

This FOA invites early-stage physician and other health-professional investigators with a commitment to aging to apply for this award to advance their research and leadership skills in their specialty and in the broader field of aging and geriatrics research. Unlike other mentored K awards, candidates for this award must have received competitively awarded research support as a PD/PI at the faculty level or have otherwise leveraged faculty-level research support to develop an independent line of research. They must show evidence of leadership in the clinical or research domain.

Application Due Date: October 19, 2017

[RFA-AG-18-011 \(R01\)](#)

Socioeconomic Disparities in Health and Mortality at Older Ages

The purpose of this FOA is to support studies that identify mechanisms, explanations, and modifiable risk factors underlying recent trends of growing inequalities in morbidity and mortality by income, education, and geographic location at older ages in the United States.

Application Due Date: October 20, 2017

November Due Dates

[RFA-MH-18-410 \(R01\)](#)

Addressing Suicide Research Gaps: Understanding Mortality Outcomes

This FOA seeks to support efforts focused on linking pertinent data from healthcare system records (e.g., suicide attempt events) to mortality data so that a more accurate understanding of the risk factors for, and the burden of, suicide among those seen in structured healthcare settings can be discerned. Specifically, data are needed on the type, severity, and timing of suicide predictors in the U.S.

Application Due Date: November 2, 2017

December Due Dates

[RFA-HL-18-004 \(R01\)](#)

Integrated Approaches to HIV-Related Heart, Lung, Blood, and Sleep (HLBS) Comorbidities

This FOA invites applications that propose "systems biology" approaches using clinical samples from HIV-infected patients to elucidate the biological perturbations associated with HIV-related heart, lung, blood, and sleep (HLBS) comorbidities. The ultimate goal is to better understand disease progression, which may help identify new therapeutic targets that pre-empt the onset of HLB diseases and sleep disorders in the HIV population.

Application Due Dates: December 15, 2017

Multiple Due Dates

[RFA-ES-16-004 \(R24\)](#)

Maintain and Enrich Resource Infrastructure for Existing Environmental Epidemiology Cohorts

This FOA solicits grant applications to provide support for the maintenance of existing environmental epidemiology cohorts and their associated biorepositories; for the collection or development of additional measures; to facilitate follow-up of study participants especially during key windows of susceptibility, and to provide a structure to facilitate broader sharing of data and resources with the scientific community. The scope of the application must address a critical research need and strategic interest that aligns with the mission of the NIEHS.

Application Due Dates: October 10, 2017; October 10, 2018

[RFA-MH-17-604 \(R61/R33\)](#) - **Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders**

[RFA-MH-17-606 \(R33\)](#) - **Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders**

The purpose of these FOAs is to support pilot testing of novel psychosocial therapeutic and preventive interventions for mental disorders in adults and children, using an experimental therapeutics approach.

Application Due Dates: October 17, 2017; February 14, 2018; June 15, 2018; October 15, 2018

[RFA-MH-17-610 \(Collaborative R01\)](#)

Clinical Trials to Test the Effectiveness of Treatment, Preventive, and Services Interventions

This FOA supports clinical trials designed to test the therapeutic value of treatment and preventive interventions for which there is already evidence of efficacy, for use in community and practice settings. Applications might include research to evaluate the effectiveness or increase the clinical impact of pharmacologic, somatic, psychosocial (psychotherapeutic, behavioral), device-based, rehabilitative and combination interventions to prevent or treat mental illness.

Application Due Dates: October 17, 2017; February 14, 2018, June 15, 2018, October 15, 2018

[RFA-MH-17-612 \(R34\)](#)

Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions

This FOA encourages pilot research consistent with [NIMH's priorities](#) for: 1) effectiveness research on preventive and therapeutic interventions with previously demonstrated efficacy, for use with broader target populations or for use in community practice settings, and 2) research on the development and preliminary testing of innovative services interventions.

Application Due Dates: October 17, 2017; February 14, 2018, June 15, 2018, October 15, 2018

[RFA-HL-17-022 \(R21\)](#)

Maximizing the Scientific Value of the NHLBI Biorepository: Scientific Opportunities for Exploratory Research

This FOA will support exploratory research relevant to the [NHLBI mission](#) using existing biospecimen collections that are stored in the NHLBI Biologic Specimen Repository, thereby maximizing the scientific value of the stored collections and providing researchers with an opportunity to generate preliminary data for subsequent research proposals.

Application Due Dates: October 17, 2017; February 15, 2018; October 17, 2018; February 15, 2019;
October 17, 2019

[RFA-CA-17-017 \(R01\); RFA-CA-17-018 \(R21\)](#)

Research Answers to NCI's Provocative Questions (PQ)

The purpose of these FOAs are to support research projects designed to solve specific problems and paradoxes in cancer research identified by the National Cancer Institute (NCI) Provocative Questions initiative. The current list of 12 PQs are listed in the FOAs. Each research project proposed in response to this FOA must be focused on addressing one particular research problem defined by one specific PQ selected from the list.

Application Due Dates: October 30, 2017; June 28, 2018; October 30, 2018

[RFA-DA-18-004 \(DP2\)](#)

Avenir Award Program for Research on Substance Abuse and HIV/AIDS

The Avenir Award Program for Research on Substance Abuse and HIV/AIDS will support research approaches, both basic and clinical, which have the potential to benefit substance using populations with or at risk for HIV/AIDS by reducing HIV incidence, improving therapies for HIV, reducing the impact of comorbid conditions, and ultimately, eradicating HIV. The nexus with drug abuse should be clearly described.

Application Due Dates: Nov 13, 2017; Nov 13, 2018, Nov 13, 2019

[RFA-ES-16-005](#)

Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences

This FOA is intended to support environmental health research in which an unpredictable event provides a limited window of opportunity to collect human biological samples or environmental exposure data to understand the consequences of natural and man-made disasters or emerging environmental public health threats in the U.S. and abroad. A distinguishing feature of an appropriate study is a shortened timeframe from submission to award. The entire cycle is expected to be within 3-4 months.

Application Due Dates: Multiple due dates, please see FOA

NIH Funding Opportunities: Program Announcement Reviewed by an Institute (PAR)

[PAR-17-217 \(R01\); PAR-17-218 \(R21\)](#)

U.S. Tobacco Control Policies to Reduce Health Disparities

The purpose of this FOA is to support observational or intervention research focused on reducing health disparities in tobacco use in the United States. Specifically, this FOA is intended to stimulate scientific inquiry focused on innovative tobacco control policies. Applicants may propose projects in which the primary outcome of interest is on reducing tobacco use health disparities in vulnerable populations by utilizing tobacco prevention and control strategies.

Application Due Dates: October 11, 2017; June 13, 2018; October 11, 2018; June 13, 2019; October 11, 2019;
June 15, 2020

NIH Funding Opportunities: Program Announcements with Set-aside Funds (PAS)

[PAS-17-311 \(R01\)](#)

HIV/HCV Co-Infections in Substance Abusers

The purpose of this FOA is to fill gaps in our understanding of (a) the impact of substance abuse on HIV, HIV/HCV co-infection associated disease progression, (b) the pathogenic interactions between HIV and hepatitis C virus, (c) hepatic and non-hepatic co-morbidities associated with HIV/HCV-co-infections in people with substance abuse disorders (SUDs), and (d) the effectiveness of interferon-free direct acting antiviral (DAAs) drug regimens to treat HIV/HCV co-infections in people with SUDs.

Application Due Dates: September 7, 2017; January 7, 2018

NIH Funding Opportunities: Program Announcements (PA)

[PA-17-302 \(R43/R44, Parent SBIR\)](#)

Omnibus Solicitation of the NIH, CDC and FDA for Small Business Innovation Research Grant Applications

Application Due Dates: Standard dates apply

Expiration Date: January 6, 2018; will be reissued January 2018

[PA-17-303 \(R41/R42; Parent STTR\)](#)

Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications

Application Due Dates: Standard dates apply

Expiration Date: January 6, 2018; will be reissued January 2018

Foundation Funding Opportunities

Conquer Cancer Foundation

[Global Oncology Young Investigator Award](#) provides research funding to early-career investigators to encourage and promote quality research in global oncology and to develop the next generation researchers to address global health needs. Global oncology refers to the application of the concepts of global health to cancer, and implies an approach to the practice of oncology that acknowledges the reality of limited resources in most parts of the world. The foundation plans to fund 5-10 grants with total awards between \$25,000 to \$50,000. Applicants must apply within the last year of training or during the first two years of faculty appointment.

Application Due Date: September 21, 2017

External Awards Received between 01/01/2017 and 06/31/2017

At 6-month intervals, we acknowledge and celebrate the success of faculty within the SPHHP who have garnered external funding. Listed below are the SPHHP faculty (alphabetized by department) who received new or renewal/continuation awards, as UB principal investigators, between 01/01/2017 and 06/30/2017.

<u>PI</u>	<u>Department</u>	<u>Title</u>	<u>Sponsor</u>
Randolph Carter	Biostatistics	Enhancement of the Newborn Screening Diagnostic Paradigm to Improve the Efficacy of Cord Blood Transplant for Krabbe Disease	Eunice Kennedy Shriver National Inst. of Child Health/NIH
Jihnhee Yu	Biostatistics	Establishment of a Trauma Surgery Registry	Erie County Medical Center
Jiwei Zhao	Biostatistics	1) Prospective Evaluation of Lower Extremity Lymphedema in Women Undergoing Radical Surgery for Gynecological Cancer 2) NRG Oncology NCORP Research Base - SDMC	Health Research Inc. (Roswell Park C.I.)
Christine Oddo	Center for Assistive Technology	Buffalo Assistive Technology Center	NYS Office of Children and Family Services

<u>PI</u>	<u>Department</u>	<u>Title</u>	<u>Sponsor</u>
Gary Giovino	Community Health & Health Behavior	Expert Consultation on the Global Adult Tobacco Survey	National Foundation for the Centers for Disease Control and Prevention
Gregory Homish	Community Health & Health Behavior	Substance Use in Reservists: Social and Environmental Influences	National Inst. on Drug Abuse/NIH
Lucia Leone	Community Health & Health Behavior	Double Up Food Bucks New York State: Increasing Access to Fresh Healthy Foods	Field and Fork/USDA
Jo Freudenheim	Epidemiology & Environmental Health	Effects of Electronic Cigarette Use on the Human Lung	Prevent Cancer Foundation
Katarzyna Kordas	Epidemiology & Environmental Health	Low Level Exposure to Multiple Metals: Effects on Cognition and Behavior	National Inst. of Environmental Health Sciences/NIH
Ekaterina Noyes	Epidemiology & Environmental Health	1) Telemedicine Enhanced Asthma Management through Emergency Dept. 2) School-Based Telemedicine Enhanced Asthma Management (SB-TEAM) 3) Virtual Rural Oncology Community (V-ROC)	University of Rochester/NIH PCORI
Pavani Ram	Epidemiology & Environmental Health	Kenya Soapy Water Handwashing Station Study	Innovations for Poverty Action/USAID
Xuefeng Ren	Epidemiology & Environmental Health	1) FRY in Inhibiting EMT and Its Anti-Invasion/Metastasis Effects in Breast Cancer 2) Mechanisms and Outcomes of MMAsIII Induced Alteration in Histone Acetylation	National Cancer Institute/NIH National Inst. of Environmental Health Sciences/NIH
David Hostler	Exercise & Nutrition Sciences	Optimizing Performance during Topside Operations and Diving at Altitude	Naval Seas System Command/DOD
Elizabeth Mietlicki-Baase	Exercise & Nutrition Sciences	Long-acting Amylin Receptor Agonists Activate Central Amylin Receptor-expressing Nuclei Distributed Throughout the Brain to Regulate Energy Balance	University of Pennsylvania
Jennifer Temple	Exercise & Nutrition Sciences	Sensitization of the Reinforcing Value of Food as a Predictor of Weight Change in Adolescents	National Inst. of Diabetes and Digestive and Kidney Diseases/NIH
Patricia Ohtake	Rehabilitation Science	Improving Health Care Delivery for Refugees and African Americans Using Technology-Enhanced IPE Learning.	SUNY Innovative Instructional Technology Grant

“One reason people resist change is because they focus on what they have to give up instead of what they have to gain.”

Rick Godwin (best-selling author and pastor of Eagles Nest Christian Fellowship, San Antonio, Texas)

