

SPHHP Research Activities Newsletter

University at Buffalo

October 2017

In the News

Congratulations to the Following Awardees!



R. Lorraine Collins, Professor of Community Health and Health Behavior and Associate Dean for Research in SPHHP, is PI on a new award from Health Research Inc. (Roswell Park Cancer Institute) for the project entitled *The Influence of Social Network Size, Composition and Function of Psychological Outcomes of Pediatric Cancer Caregiving: Relationships across Time and Around Periods of Distress*. The study will examine how social network experiences influence parental coping over time and surrounding stressful treatment procedures for the child.



Joseph Lane, Director of the Center for Assistive Technology, is PI on a continuation award from the Administration for Community Living, Disability and Rehabilitation Research Program/Dept. of Health and Human Services, for the project entitled *Disability and Rehabilitation Research Program*. The grant funds the Center on Knowledge Translation for Technology Transfer (KT4TT), which seeks to improve the performance of federal programs designed to generate technology-based innovations – the primary applications are devices and services for persons with disabilities and the elderly. Co-Investigators from CAT include **Jennifer Flagg**, Project Administrative Officer; **James Leahy**, Research Assistant Professor; and **Vathsala Stone**, Research Assistant Professor.



Jeanne Langan, Assistant Professor of Rehabilitation Science, is PI on a new award from UB's Office of the Vice President for Research and Development's Grant Resubmission Program. The funding provides support to faculty for improving already highly-rated proposals for resubmission. The award will allow Dr. Langan to collect pilot data to enhance the competitiveness of her application.



James Lenker, Associate Professor of Rehabilitation Science, is Co-I on a continuation award from the Administration for Community Living (PI: Edward Steinfeld) for the project entitled *RERC on Improving Access and Inclusion in Built Environments*. The study uses a Knowledge-To-Action Model to influence accessibility and universal design (UD) in four broad domains of the built environment: (1) housing, (2) commercial buildings, (3) community infrastructure, and (4) transportation. Outcomes will be beneficial for people with disabilities and the broader population.



Elizabeth Mietlicki-Baase, Assistant Professor of Exercise & Nutrition Sciences, is PI on a new award from the Brain and Behavior Research Foundation for the project entitled *Hindbrain Glucagon-Like Peptide-1 Receptor Signaling : Role in Drug-Seeking Behavior*. The research will test the role of NTS glucagon-like peptide-1 receptor (GLP-1R) signaling in cocaine seeking. The results of the study will advance the knowledge of the neurobiology underlying addiction and drug seeking and broaden the understanding of the neural control of motivated behavior.

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Christine Oddo, Director of Client Service, Center for Assistive Technology, is PI on a continuation award from the New York State Office of Child and Family Services for the project entitled *Equipment Loan Closet*. The program will continue to loan adaptive equipment to legally blind persons for educational and work purposes.



Heather Orom, Associate Professor of Community Health and Health Behavior, and **Scott Wersinger**, Adjunct Instructor in Exercise and Nutrition Sciences and Educator in International Student Services, received a new award from the J. Warren Perry and Charles Donald Perry Memorial Fund/Community Foundation for Greater Buffalo. The project, entitled *Peer Difference Education to Improve STEM Success for Minority & Low Income Students*, will test a brief, evidence-based, easily disseminated peer difference-education intervention to improve grades in science, technological, engineering, and math (STEM) and pre-health degree subjects among underrepresented minority, low income, and first generation college students.



Pavani Ram, Associate Professor of Epidemiology and Environmental Health, is PI on a new award from the Board of Trustees of the Leland Stanford Junior University for the project entitled *Optimizing Windows to Improve Ventilation in Dhaka Slums*. In Bangladesh, more than one-third of the population live in dwellings lacking windows and with high concentrations of indoor air pollution. Acute lower respiratory infections lead to 22% of deaths in children under five years of age. The study seeks to develop designs to improve ventilation that are practical, affordable and easily constructed by local artisans using locally available materials.



Zachary Schlader, Assistant Professor of Exercise and Nutrition Sciences, is Co-I on a new award from UB's RENEW Institute and the Office of the Vice President for Research and Economic Development for the project entitled *Developing Thermal Extreme Indicators for Vulnerability Assessment & Climate Adaption*. (PI: Zoe Hamstead, Architecture and Planning). Vulnerability to extreme weather varies significantly across city neighborhoods, partially due to characteristics of the built environment, and partially due to individual and household-level coping capacities such as economic constraints and personal health conditions. The objective of this research is to improve thermal extreme-related vulnerability metrics that form a basis for socially-equitable urban resilience planning.



Albert Vexler, Professor of Biostatistics, and **Jihnhee Yu**, Associate Professor of Biostatistics, are Co-PIs on a continuation award from the National Library of Medicine/NIH for the project entitled *Modern Empirical Likelihood Methods in Biomedicine and Health*. The outcome of their work will result in a book that will provide a systematic framework for the innovative biostatistical techniques and practice of research studies that are used to analyze and compare data essential to Biomedicine and Health (e.g., Therapy Strategies to Treat Children's Attention Deficit/Hyperactivity Disorder and Severe Mood Dysregulation).



Jean Wactawski-Wende, Dean of SPHHP and SUNY Distinguished Professor of Epidemiology and Environmental Health, is PI on a continuation award from the National Heart, Lung, and Blood Institute/NIH for the project entitled *Women's Health Initiative – Regional Center*. As the Northeast Regional Center for the WHI, the study will continue to follow the health outcomes of the postmenopausal women who have been participants since the study launched in 1991. Co-Investigators from EEH are **Michael LaMonte**, Research Associate Professor, **Amy Millen**, Associate Professor, and **Heather Ochs-Balcom**, Associate Professor.

Grant Clinic

REMINDER: Effective 10/01/2017, Sponsored Projects will not submit any application that has not been fully approved by all levels. The ESPAS form must be signed off by all Co-Is and the departmental and school levels before submission. Previously, in certain cases, SPS allowed a 10 day business window after submission for the form to be fully approved. This is no longer an option. Please plan accordingly and allow enough time for the form to route for signatures. Your budget and any subcontract documents must be in final form prior to ESPAS initiation; your abstract can be a draft. Please contact the RAS office if you have any questions.

[NOT-OD-17-124](#)

NIH Operates under a Continuing Resolution through December 8, 2017 Continuing Resolution

The new fiscal year began on October 1. The Federal government is operating under a continuing resolution ([Public Law 115-56](#)) that is scheduled to expire on December 8. NIH issued a notice on October 2, 2017 stating that “NIH will issue non-competing research grant awards at a level below that indicated on the most recent Notice of Award (generally up to 90% of the previously committed level). Upward adjustments to awarded levels will be considered after FY 2018 appropriations are enacted, but NIH expects institutions to monitor their expenditures carefully during this period. All legislative mandates that were in effect in FY 2017 remain in effect under this CR, as well as the salary limitation set at Executive Level II of the Federal Pay Scale.” This notice is consistent with past practices.

[NOT-OD-17-118](#); [NOT-OD-17-121](#); [NOT-OD-17-122](#); [NOT-OD-123](#)

The NIH Announces New Review Criteria for Applications that Involve Clinical Trials

For clinical trial applications submitted to due dates on or after **January 25, 2018**, NIH is implementing new and more rigorous review criteria, in addition to the existing review questions. The revised review criteria is dependent on the type of application submitted. For further information, please see the respective link for your type of application: [Research Projects Applications](#); [K Award Applications](#); [Fellowship Applications](#); [Training Grant Applications](#).

[NOT-OD-17-105](#)

Reminder: NIH Applications Must Be Complete and Compliant with NIH Policy and Application Instructions at Time of Submission

NIH would like to remind applicants it may withdraw any application during the receipt, referral, and review process that is incomplete or noncompliant with instructions in the SF424 Application Guide, the Funding Announcement, and relative NIH Guide Notices. Applicants are expected to examine their applications for problems, errors, omissions, and oversights and must make any necessary or desired changes **before** the application submission deadline, which is 5 PM local (applicant organization) time on the application due date. Corrective applications submitted after the deadline are late and will overwrite any previous on-time submission for that application and permanently remove the on-time submission from consideration.

[NOT-OD-17-108](#)

Trans-NIH Strategic Plan for Research on Women’s Health

The [Office of Research on Women’s Health](#) (ORWH) is updating the trans-NIH Strategic Plan for Women’s Health Research. NIH is publishing this Notice to solicit input from the basic, clinical and translational scientists as well as advocacy and patient communities on topics under consideration for the next strategic plan. This Request for Information seeks feedback on 3 cross-cutting themes and goals under consideration:

- What are some ways that the scope of each theme might be expanded or more narrowly focused to address the most important areas in research on women’s health?
- What topics would you recommend adding to the list of cross-cutting themes for research on women’s health? What big idea or audacious goal to improve women’s health should be pursued by the NIH?

Responses no longer than 300 words should be submitted at <https://orwh.od.nih.gov/RFI/> by **11:59:59 pm (ET) on November 10, 2017**.

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

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 Date: 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-17-340 \(RM1\)](#) (Clinical Trial Not Allowed)

Collaborative Program Grant for Multidisciplinary Teams

This FOA is designed to support highly integrated research teams of three to six PD/PIs to address ambitious and challenging research questions that are important for the mission of NIGMS and are beyond the scope of one or two investigators. Collaborative program teams are expected to accomplish goals that require considerable synergy and managed team interactions. Project goals should not be achievable with a collection of individual efforts or projects. Teams are encouraged to consider far-reaching objectives that will produce major advances in their fields. *Only one application per institution per review cycle is allowed.*

Application Due Dates: May 7, 2018; September 7, 2018; May 7, 2019; September 7, 2019; May 7, 2020; September 7, 2020

[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 Date: May 24, 2018

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

Research Initiative for Scientific Enhancement (RISE)

The over-arching goal of this program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. 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 Date: May 25, 2018

NIH Funding Opportunities: Requests for Applications (RFA)

December Due Dates

[RFA-DA-18-012 \(R43/R44\); RFA-DA-18-013 \(R41/R42\)](#)

Development of a Device to Objectively Measure Pain

The purpose of these FOAs is to develop a technology/device that objectivity indicates the presence and level of pain.

Application Due Date: December 5, 2017

[RFA-RM-17-022 \(R01\); RFA-RM-17-028 \(R21\)](#)

Science of Behavior Change: Revisions Applications for Use-inspired Research to Optimize Adherence, Behavior Change Interventions, and Outcomes

This FOA, administered by NIDA, solicits competitive revision (formerly known as a competitive supplement) applications to NIH-supported clinical trials awarded as research project R01 grants. The primary purpose is to encourage the adaptation, validation, and verification of assays meant to engage and verify engagement of behavior change targets hypothesized to be malleable, and responsible for behavior change. Revision applications can support a significant expansion of the scope or research protocol approved and funded for the parent trial.

Application Due Date: December 5, 2017

[RFA-MH-18-500 \(R01\)](#)

BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science

This FOA, in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Specifically, this FOA seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative.

Application Due Date: December 7, 2017

[RFA-DA-18-016 \(R61/R33\)](#)

Exploiting HIV and/or Host Genomic Information to Understand HIV Compartments or Reactivation in Individuals with Substance Use Disorders

This initiative will support exploratory projects that exploit HIV or host genomic or nucleomic information to understand HIV latency in individuals with substance use disorders (SUDs).

Application Due Date: December 13, 2017

[RFA-HD-18-036 \(R01\)](#)

Opioid Use Disorder in Pregnancy

This FOA invites clinically-oriented research proposals that address the research gaps [See list of research topics in FOA] for opioid use disorder in pregnancy. Applications should be as comprehensive as possible in addressing the relevant maternal, neonatal, and environmental factors that influence the outcomes of interest.

Application Due Date: December 13, 2017

[RFA-DA-18-014 \(R01\)](#)

Pharmacogenomics of Anti-retroviral Therapy in People Who Inject Drugs

The purpose of this FOA is to identify genetic and epigenetic factors that affect the recovery of the CD4+ T cells in response to anti-retroviral therapy in HIV infected people who inject drugs infected

Application Due Date: December 14, 2017

[RFA-HL-18-006 \(K12\)](#)

Institutional Career Development Program in HIV-Related Heart, Lung, Blood, and Sleep Research

The goal of this Program is to encourage institutions to develop and sustain programs that support inter-disciplinary, intensive mentored research training and career development for junior PhDs and MDs in AIDS co-morbidities as well as cell and gene therapies for HIV cure and prevention of HIV transfusion transmission.

Application Due Date: December 14, 2017

[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 Date: December 15, 2017

[RFA-DA-18-015 \(R01\)](#)

HIV-associated Neuropathic Pain and Opioid Interaction

The purpose of this RFA is to promote research investigating the underlying mechanisms by which opioids including prescription drugs exacerbate HIV-associated neuropathic pain. Results from these studies may help obtain information for developing safe and effective treatments of neuropathic pain for HIV-infected patients exposed to opioids.

Application Due Date: December 18, 2017

January Due Dates

[RFA-CA-17-041 \(U01\)](#)

Approaches to Identify and Care for Individuals with Inherited Cancer Syndromes

This FOA is associated with the [Beau Biden Cancer MoonshotSM Initiative](#) that is intended to accelerate cancer research. The purpose is to increase case ascertainment and optimize delivery of evidence-based healthcare for individuals at high risk of cancer due to an inherited genetic susceptibility.

Application Due Date: January 9, 2018

[RFA-HL-18-024 \(R01\)](#)

Cardiovascular and Pulmonary Research on E-Cigarettes

This FOA invites applications addressing the effects of e-cigarettes on the cardiovascular and pulmonary systems, alone or in combination. Research may examine the effects of the whole e-cigarette aerosol or of individual components or constituents. Research may also examine where aerosols, components, or constituents deposit in the airways and resulting heart and/or lung consequences.

Application Due Date: January 16, 2018

[RFA-CA-17-033 \(P20\)](#)

Feasibility and Planning Studies for Development of Specialized Programs of Research Excellence (SPOREs) to Investigate Cancer Health Disparities

This FOA invites applications for development of translational research programs that are focused upon investigating cancer health disparities. All applications must propose translational research that will contribute to improved prevention, early detection, diagnosis, and/or treatment of cancers found to disproportionately affect specific racial/ethnic minority populations.

Application Due Date: January 18, 2018

[RFA-HS-17-012 \(K12\)](#)

Agency for Healthcare Research and Quality (AHRQ) and Patient-Centered Outcomes Research Institute (PCORI) Learning Health Systems Mentored Career Development Program

AHRQ, in partnership with PCORI, invites applications for institutional career development awards designed to train clinician and research scientists to conduct patient-centered outcomes research within learning health systems focused on generation, adoption, and application of evidence in order to improve the quality and safety of care.

Application Due Date: January 24, 2018

[RFA-DE-18-009 \(R01\)](#); [RFA-DE-18-010 \(R21\)](#) (Clinical Trial Not Allowed)

Biology of Aging Dental, Oral and Craniofacial Tissues

The purpose of this FOA is to stimulate collaborative research to understand the biological mechanisms of aging in dental, oral, and craniofacial (DOC) tissues, as they relate to parallel processes in other tissues and organs. The overarching long-term goal of this effort is to improve oral health in older adults by addressing knowledge gaps in our understanding of the basic biology of age-associated changes in health and disease states of DOC tissues.

Application Due Date: January 31, 2018

February Due Dates

[RFA-DK-17-011](#) (DP1- Clinical Trial Not Allowed)

Catalyst Award in Diabetes, Endocrinology and Metabolic Diseases

This Award is designed to complement NIDDK's traditional, investigator-initiated grant programs by supporting individual scientists who propose pioneering and possibly transforming studies in DEMD topic areas. Applications should be focused on major scientific challenges, and have the potential to produce an unusually high impact on diseases and conditions that are central to the mission of NIDDK's Division of Diabetes, Endocrinology and Metabolic Diseases.

Application Due Date: February 2, 2018

[RFA-NS-18-005 \(U24\)](#) (Clinical Trial Not Allowed)

BRAIN Initiative: Research Resource Grants for Technology Integration and Dissemination

This FOA supports efforts to disseminate resources and to integrate them into neuroscience research practice. Projects should be highly relevant to specific goals of the BRAIN Initiative and should engage in one or more of the following activities: distribution of tools and reagents; user training on the usage of new technologies or techniques; providing access to existing technology platforms and specialized facilities; minor improvements to increase the scale/efficiency of resource production and delivery; minor adaptations to meet the needs of a user community.

Application Due Date: February 9, 2018

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

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

This FOA will support research relevant to the [NHLBI mission](#) using the 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: February 15, 2018; October 17, 2018; February 15, 2019; October 17, 2019

Multiple Due Dates

[RFA-DA-18-018 \(R01\)](#) (Clinical Trial Not Allowed)

BRAIN Initiative: Tools to Target, Identify and Characterize Non-Neuonal Cells in the Brain

The purpose of this FOA is to stimulate the development and validation of novel tools and analytical methods to target, identify and characterize non-neuronal cells in the brain. The cutting-edge tools and methods developed under this opportunity should focus specifically on providing improved points of entry into non-neuronal cell-types (glial and vascular) to enable their inventory and characterization within the CNS and help define how these cells interact among each other and with neuronal cells to impact functional circuitries.

Application Due Date: February 1, 2018, October 4, 2018

[RFA-OD-17-013 \(R01\)](#); [RFA-OD-17-014 \(R21\)](#)

Tobacco Regulatory Science

The purpose of these FOAs is to invite applications to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration Center for Tobacco Products CTP). Research results from this FOA are expected to generate findings and data that are directly relevant in informing the FDA's regulation of the manufacture, distribution, and marketing of tobacco products to protect public health.

Application Due Dates: February 13, 2018, July 17, 2018, February 13, 2019

[RFA-OD-17-012 \(R03\)](#)

Tobacco Regulatory Science Small Grant Program for New Investigators

The purpose of this FOA is to invite applications to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Only [New Investigators](#) who fit the criteria are eligible to apply.

Application Due Dates: February 13, 2018, July 17, 2018, February 13, 2019

[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 the efficient pilot testing of novel psychosocial therapeutic and preventive interventions for mental disorders in adults and children, using an experimental therapeutics approach. These FOAs support the development and testing of innovative psychosocial intervention approaches where the target and/or the intervention strategy is novel.

Application Due Dates: 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: 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: February 14, 2018, June 15, 2018, October 15, 2018

[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 NCI Provocative Questions initiative. Each research project must be focused on addressing one particular research problem defined by one specific PQ selected from the list found in the FOAs.

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

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

[PAR-17-486 \(K18\)](#)

Short-term Mentored Career Enhancement Awards for Mid-Career Investigators to Integrate Basic Behavioral and Social Sciences (K18 Clinical Trial Required)

The objective of the Career Enhancement Award for Experienced Investigators is to provide support for experienced scientists who either wish to broaden their scientific capabilities or to make changes in their research careers by acquiring new research skills or knowledge. The purpose of this FOA is to provide such investigators with support for an intensive period of mentored research experience to acquire new research capabilities in research areas supported by the sponsoring NIH Institute(s)/Center(s).

Application Due Dates: March 6, 2018, and March 6, 2019

[PAR-17-485 \(R25\)](#)

NIMH Research Education Mentoring Programs for HIV/AIDS Researchers

This FOA will support creative educational activities with a primary focus on *Research Experiences* and *Mentoring Activities* that either capitalize on existing networks of collaborating investigators or develop institute-based research education programs. Both research experiences and mentoring activities are required; research experiences are expected to be primary. Research Education Programs are expected to enhance the professional development of the participants and foster a career trajectory towards independent research in the mental health of HIV/AIDS.

Application Due Dates: September 7, 2018; September 7, 2019; September 7, 2020

[PAR-17-482 \(R01\)](#)

Comparative Genomics Research Program (Clinical Trial Not Allowed)

This program supports studies that enable the use of a diverse array of species to advance our ability to understand basic biological processes related to human health and disease, as well as studies that develop novel analytical tools and resources for the comparative genomics research community.

Application Due Dates: Standard dates apply

Expiration Date: January 8, 2021

[PAR-17-341 \(T32\)](#)

National Institute of General Medicine Sciences Ruth L. Kirschstein

This FOA provides support to develop and implement effective, evidence-based approaches to biomedical graduate training and mentoring that will keep pace with the rapid evolution of the biomedical research enterprise. Proposed research training programs should incorporate didactic, research, and career development elements to prepare trainees for careers that will have a significant impact on the health-related research needs of the Nation.

Application Due Date: Standard dates apply

Expiration Date: September 8, 2020

NIH Funding Opportunities: Program Announcements (PA)

[PA-17-481 \(F32\)](#)

Agency for Healthcare Research and Quality Sponsored National Research Service Award Individual Postdoctoral Fellowship

Application Due Date: Standard dates apply

Expiration Date: August 9, 2022

[PA-17-488 \(R01\); PA-17-487 \(R21\)](#)

New Onset Depressive Symptoms in Acute Illness

Application Due Date: Standard dates apply

Expiration Date: January 8, 2021

“Don’t find fault. Find a remedy.”

Henry Ford

