R. Lorraine Collins, Professor of Community Health and Health Behavior and Associate Dean of Research, is PI on a new award from the National Institute on Drug Abuse/NIH for the project entitled Use of Exercise to Reduce Young Adult Marijuana Use: There’s an “App” for That. This study will develop and initially test an intervention that includes a smartphone app to promote exercise/physical activity as a positive alternative to marijuana use, with the goal of helping young adults who regularly use marijuana to reduce their intake. Co-Investigators are Leonard Epstein, Ph.D. and John Leddy, MD, School of Medicine and Biomedical Sciences and Jihnhee Yu, Ph.D., Department of Biostatistics.

Gregory Homish, Assistant Professor of Community Health and Health Behavior, is PI on a new award from the National Institute on Drug Abuse/NIH for the project entitled Substance Use in Reservists: Social and Environmental Influences. The project will study the complex relation between substance use, stress/trauma (e.g., combat exposure), and family functioning of Reserve Soldiers. The knowledge gained from the study will enhance the development of effective secondary prevention and intervention strategies to address the complex issues faced by military couples. Lynn Kozlowski, Dean and Professor of Community Health and Health Behavior, and John Violanti, Research Professor of Social and Preventive Medicine, are co-investigators.

Alan Hutson, Chair and Professor of Biostatistics, is PI on a renewal award from Health Research Inc. for the project entitled Gynecologic Oncology Group and Data Center. The project provides statistical design and analytical support, as well as statistical genomics support to the Gynecology Oncology Group. Jeffrey Miecznikowski, Associate Professor of Biostatistics and Associate Dean for Faculty Affairs and Diversity, and David Tritchler, Research Professor of Biostatistics, are co-investigators.

Joseph Lane, Director of the Center for Assistive Technology (CAT), is PI on a renewal award from the National Institute on Disability and Rehabilitation Research, U.S. Department of Education entitled Center on Knowledge Translation for Technology Transfer. The Center advances assistive technology for persons with disabilities by linking the methods of research, development and production and through collaboration with selected corporations and universities to identify both problems and solutions. James Leahy, Research Assistant Professor of CAT, Vathsala Stone, Senior Research Support Specialist of CAT, Machiko Tomita, Clinical Associate Professor of Rehabilitation Science, and Douglas Usiak, Research Assistant Professor of CAT, are co-investigators.

Amy Millen, Assistant Professor of Social and Preventive Medicine, is PI on a renewal award from the National Institute of Aging/NIH for the project entitled Role of Vitamin D in Retinal Diseases in Aging. Dr. Millen will examine associations between vitamin D status and both diabetic retinopathy and age-related macular degeneration using data from the aging Atherosclerosis Risk in Communities cohort. Michael LaMonte, Assistant Professor of Social and Preventive Medicine, is co-investigator.

Jennifer Temple, Assistant Professor of Exercise and Nutrition Sciences, is co-investigator on a renewal award from the National Institute of Diabetes and Digestive and Kidney Diseases/NIH with PI Leonard Epstein (Pediatrics) for the project entitled Habituation to Food as a Risk Factor for Pediatric Obesity. The project will study individual differences in reflexive, physiological (salivation) and behavioral (responding for food) habituation as risk factors for alterations in zBMI and body fat.
SAVE the DATE!! NIH Grant Writing Workshop on August 22, 2013

UB's Office of the Vice Provost for Strategic Initiatives and the Office of the Vice President for Research and Economic Development, will be presenting a seminar on “Successful Strategies for NIH Proposal Submissions”. The seminar will take place on August 22, 2013 in Davis Hall. The seminar will provide strategies for crafting strong aims, raising priority scores and tailoring proposals to the newer NIH guidelines. Registration for UB faculty will be $85, and includes the required workbook (that participants will keep) and lunch. The lunch will feature a networking format to help promote opportunities for collaboration. More information, including how to register, will be distributed via email.

Data Safety Monitoring Plan

The RAS Office has noticed a recent increase in NIH requests for a Data and Safety Monitoring Plan for projects that the PI may not have considered a clinical trial. The NIH definition of a clinical trial is broad:
- A clinical trial is a prospective biomedical or behavioral research study of human subjects that is designed to answer specific questions about biomedical or behavioral interventions (drugs, treatments, devices, or new ways of using known drugs, treatments, or devices).
- Clinical trials are used to determine whether new biomedical or behavioral interventions are safe, efficacious, and effective.
- Behavioral human subjects research involving an intervention to modify behavior (diet, physical activity, cognitive therapy, etc.) fits this definition of a clinical trial.

NIH requires a Data and Safety Monitoring Plan for every application that can be considered a clinical trial. If your research falls under any of the definitions listed above, the research strategy should include a subheading entitled “Data and Safety Monitoring Plan” with a general description of the overall framework of the monitoring plan that you will establish as well as a description of the entity that will be responsible for monitoring and the process by which Adverse Events will be reported. For further information, please see Section 4.1.5 of the NIH Application Guide. [http://grants.nih.gov/grants/funding/424/SF424_RR_Guide_General_Adobe_Verb.pdf](http://grants.nih.gov/grants/funding/424/SF424_RR_Guide_General_Adobe_Verb.pdf)

Center for Scientific Review (CSR)/NIH Tips to Make Sure Your Application is NOT Late

To help ensure your application sails through the submission process and makes its way to peer review, CSR developed a list of things you should know and always do based on the problems frequently seen with applications. You should always:
- Read the FOA thoroughly and follow all instructions
- Submit your application well before the due date so you’ll be able to solve problems before the NIH deadline.
- View your compiled application in eRA Commons for errors – you have 2 business days to review, reject, change and submit a reformatted version of your application, but any changed/corrected applications submitted after 5pm (local time at your institution) deadline will be late and will not proceed in the peer review process.
- Check the status of your application in your eRA Commons account.

What You Should Know:
- An on-time application is one submitted by 5 pm local time at your institution on the due date and is subsequently accepted by NIH as error-free.
- Your application must be validated and accepted by both Grants.gov and NIH.
- Errors stop the submission process and prevent your application from being accepted.
- Warnings do not stop the submission process and your application will continue forward in the peer review process. If you want to respond to a warning, you must reject, correct and resubmit your application before the 5pm deadline.
- You will know you have successfully submitted your application when you can review your application in your eRA Commons account.
- Error or warning notices may be delayed due to slowed processing times (especially during high traffic times on due dates). Delays in Grants.gov or eRA Commons processing are not considered to be a valid reason for NIH to accept a late application.
RFA-OD-13-009 (R25)
Short Courses on Innovative Methodologies in Behavioral and Social Sciences
This FOA invites Research Education Grant (R25) applications to develop, implement, evaluate and disseminate short courses in innovative methods for behavioral and social sciences research (BSSR). Methodological domains include but are not limited to experimental design, data collection, measurement, and data analysis and visualization. A definition of BSSR can be found at http://obssr.od.nih.gov/about_obssr/BSSR_CC/BSSR_definition/definition.aspx.
Application Due Date: July 3, 2013

RFA-GM-14-002 (U01)
Genomes to Natural Products
This FOA solicits applications from multidisciplinary research teams with well-integrated genomics, synthetic biology, and bioinformatics expertise, to develop innovative, high-throughput, and broadly applicable genome-based methods for natural products discovery that overcome technical barriers and fill knowledge gaps for translation of genetic information into chemical information.
Application Due Date: July 17, 2013

RFA-HS-13-008 (K12)
AHRQ Patient Centered Outcomes Research (PCOR) Institutional Mentored Career Development Program
This program proposes to launch a multi-year large-scale effort to support the development of PCOR researchers in academic and applied settings (e.g., the health care delivery system, state and local governments, health plans, research networks). Applications must propose a career development program that maximizes the use of available research, educational and partnership resources, curriculum, and qualified research faculty as mentors. The program, tailored to the individual needs and level of experience of the candidate, must incorporate two components: 1) experiential and/or didactic learning (e.g., directed study/tutorials, coursework, seminar series, journal clubs), and 2) a research project conducted in conjunction with and normally at the host research facility.
Application Due Date: July 17, 2013

RFA-HS-13-010 (U18)
Closing the Gap in Healthcare Disparities through Dissemination and Implementation of Patient Centered Outcomes Research
This FOA solicits applications from institutions to establish and engage relationships with relevant and diverse stakeholders to identify effective strategies to reduce racial/ethnic healthcare disparities through shared decision making and through the translation, dissemination, and implementation of patient centered outcomes research (PCOR) findings. Under the U18 mechanism, AHRQ will have substantial programmatic involvement that is above and beyond the normal stewardship role for planning, directing, and executing the proposed project.
Application Due Date: July 31, 2013

RFA-HS-13-010 (U18)
Closing the Gap in Healthcare Disparities through Dissemination and Implementation of Patient Centered Outcomes Research
The purpose of this FOA is to identify strategies to engage stakeholders through shared decision making that can be used to effectively implement interventions specific to health care delivery systems, clinicians, and/or patients that focus on the reduction of racial/ethnic healthcare disparities in under-resourced settings. The effective strategies will incorporate the translation, dissemination, and implementation of patient-centered outcomes research (PCOR) findings for racial/ethnic minority populations.
Application Due Date: July 31, 2013

(Continued on page 4)
August Due Dates

RFA-DA-14-003 (R01)

Advancing Exceptional Research on HIV/AIDS
This FOA seeks to attract exceptionally talented investigators to conduct innovative, potentially groundbreaking and/or unconventional investigations on HIV/AIDS and substance abuse. Projects may be led by collaborative investigative teams or individual scientists. Awards will support projects, which, if successful, will have a major impact on HIV/AIDS and substance abuse.

Application Due Date: August 1, 2013

RFA-MD-13-005 (R01)

Limited Competition: Revision Applications for Basic, Social and Behavioral Research on the Social, Cultural, Biological, and Psychological Mechanisms of Stigma
This FOA encourages revision applications to incorporate basic research on behavioral and social mechanisms underlying stigma. For this initiative, projects may focus on stigma processes and mechanisms from the perspective of stigmatized individuals or groups and/or of individuals or groups holding stigmatizing beliefs. Projects may examine stigma in the context of specific health conditions; however, the focus of the work must be on the underlying mechanisms of stigma rather than on condition-specific manifestations of stigma.

Application Due Date: August 2, 2013

September Due Dates

RFA-MH-14-180 (R01); RFA-MH-14-181 (R21); RFA-MH-14-182 (R34)
Methodologies and Formative Work for Combination HIV Prevention Approaches
These FOAs invite applications to advance science that is needed for optimal HIV combination prevention intervention approaches. This initiative will support methodological, formative, and implementation research designed to better understand the processes and outcomes of combination intervention efforts and that will enhance the implementation of these interventions.

Application Due Date: September 3, 2013

RFA-EB-13-002 (SBIR; R43/R44)
Development and Translation of Medical Technologies to Reduce Health Disparities
This FOA encourages applications from small business concerns that propose to develop and translate medical technologies aimed at reducing disparities in healthcare access and health outcomes. Appropriate medical technologies should be effective, affordable, culturally acceptable, and deliverable to those who need them. Applications must involve a formal collaboration with a healthcare provider or other healthcare organization serving one or more health disparity populations.

Application Due Date: September 23, 2013

October Due Dates

RFA-AR-14-004 (U44/SBIR)
Biomarker Candidate Platforms for Inflammatory Diseases
This FOA solicits SBIR Fast Track applications that propose to test and/or validate novel, state-of-the-art candidate biomarker platforms for predicting the onset and progression of inflammatory diseases of interest to the NIAMS and for determining the pharmacodynamics, safety and/or efficacy of therapeutic agents targeting those diseases.

Application Due Date: October 11, 2013

(Continued on page 5)
NEW!! RFA-TW-13-002 (R21)
Research on the Role of Epigenetics in Social, Behavioral, Environmental and Biological Relationships, throughout the Life-Span and across Generations
This FOA encourages applications to lay the foundation for innovative and collaborative basic research on the role of epigenetics in social, behavioral, environmental and biological relationships, throughout the life-span and across generations. Research plans that are responsive to this FOA will use existing bio-psycho-social and environmental data from human cohorts or animal studies that have biospecimens available for epigenetic profiling.
**Application Due Date:** November 13, 2013

NEW!! RFA-DA-14-009 (R01)
HIV/AIDS and Substance Use Among the Homeless and Unstably Housed
To improve understanding of the intersection of HIV/AIDS and drug abuse, this Funding Opportunity Announcement (FOA) is part of a multipronged 2014 expansion of HIV and AIDS-related research within the context of drug and alcohol abuse among understudied populations and in understudied settings that show promise for the development of effective prevention and treatment efforts.
**Application Due Date:** November 15, 2013

NEW!! RFA-DA-14-010 (R01)
HIV/AIDS and Substance Use among Black/African American Women and Young MSM
To improve understanding of the intersection of HIV/AIDS and drug abuse, this Funding Opportunity Announcement (FOA) is part of a multipronged 2014 expansion of HIV and AIDS related research within the context of drug and alcohol abuse among understudied populations and in understudied settings that show promise for the development of effective prevention and treatment efforts.
**Application Due Date:** November 15, 2013

NEW!! RFA-DA-14-011 (R01)
Integrating Substance Abuse Prevention and Treatment within HIV/AIDS Service Delivery Settings
To improve understanding of the intersection of HIV/AIDS and drug abuse, this Funding Opportunity Announcement (FOA) is part of a multipronged 2014 expansion of HIV and AIDS related research within the context of drug and alcohol abuse among understudied populations and in understudied settings that show promise for the development of effective prevention and treatment efforts.
**Application Due Date:** November 15, 2013

NEW!! RFA-DA-12-012 (R21)
Comorbid HIV, Chronic Pain, and Substance Use among Older Adults
To improve understanding of the intersection of HIV/AIDS and drug abuse, this Funding Opportunity Announcement (FOA) is part of a multipronged 2014 expansion of HIV and AIDS related research within the context of drug and alcohol abuse among understudied populations and in understudied settings that show promise for the development of effective prevention and treatment efforts.
**Application Due Date:** November 15, 2013
December Due Dates

RFA-DA-14-002 (K18)
Basic Behavioral and Social Sciences: Cross-Training at the Intersection of Animal Models and Human Investigation
This FOA invites applications for short-term mentored career enhancement awards in basic behavioral and social sciences research (b-BSSR). Funding will support development of research capability in b-BSSR, with specific emphasis on cross-training and establishing collaborations between researchers with expertise in animal models of basic behavioral and social processes and those studying similar or related processes in human subjects.
Application Due Date: December 11, 2013

Multiple Due Dates

RFA-DC-14-001 (R21/R33)
NIDCD Research On Hearing Health Care
This FOA invites applications to support research and/or infrastructure needs leading to more accessible and affordable hearing health care (HHC). The proposed research aims should lead to the delivery of better healthcare access and outcomes and be directed to solutions that are effective, affordable and deliverable to those who need them. This FOA provides support for up to two years (R21) for preliminarydevelopment studies, followed by possible transition of up to four years of expanded research and development support (R33 phase).
Application Due Date(s): October 24, 2013; June 24, 2014; February 25, 2015

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

PAR-11-090 (R24)
NHLBI Investigator-Initiated Resource-Related Research Projects
This FOA invites applications to support projects that will enhance the capabilities of ongoing basic, translational, and clinical research through the development of resources or infrastructure for use by the broader scientific community for furthering research. The research enhancement should be for programs that address scientific areas relevant to the NHLBI mission including the biology and diseases of the heart, blood vessels, lung, and blood; blood resources; and sleep disorders.
Application Due Date(s): Standard dates apply
Expiration Date: January 26, 2014

PAR-11-337 (R01); PAR-11-336 (R21)
Social Neuroscience and Neuroeconomics of Aging
The NIA invites applications examining social, emotional and economic behaviors of relevance to aging, using approaches that examine mechanisms and processes at both (a) the social, behavioral or psychological (emotional, cognitive, motivational) level, and (b) the neurobiological or genetic level. Proposals are encouraged that have an overriding emphasis on economic, social or emotional processes and associated genetic or neurobiological processes.
Application Due Dates: Standard dates apply
Expiration Date: May 8, 2014

(Continued on page 7)
PAR-11-346 (R01)
Interventions for Health Promotion and Disease Prevention in Native American Populations
The purpose of this FOA is to develop, adapt, and test the effectiveness of health promotion and disease prevention interventions in Native American (NA) populations. The intervention program should be culturally appropriate and promote the adoption of healthy lifestyles, improve behaviors and social conditions and/or improve environmental conditions related to chronic disease, the consumption of tobacco, alcohol and other drugs, mental illness or HIV-infection. The intervention program should be designed so that it could be sustained within the entire community within existing resources, and, if successful, disseminated in other Native American communities.
Application Due Dates: Standard dates apply
Expiration Date: May 16, 2014

NIH Funding Opportunities: Program Announcements (PA)

PA-11-016 (R01); PA-11-018 (R21); PA-11-017 (R03)
Epidemiology and Prevention in Alcohol Research
Application Due Date(s): Standard dates apply
Expiration Date: January 8, 2014

PA-11-104 (R01); PA-11-105 (R21)
Reducing Health Disparities Among Minority and Underserved Children
Application Due Date(s): Standard dates apply
Expiration Date: January 8, 2014

PA-11-063 (R01)
Translating Basic Behavioral and Social Science Discoveries into Interventions to Improve Health-Related Behaviors
Application Due Date(s): Standard dates apply
Expiration Date: January 8, 2014

PA-11-073 (R01); PA-11-074 (R21)
Mitochondria in Cancer Epidemiology, Detection, Diagnosis and Prognosis
Application Due Date(s): Standard dates apply
Expiration Date: January 8, 2014

(Continued on page 8)
American Heart Association

EXPIRING SOON!!
The **Scientist Development Grant** supports highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. The applicant must have no more than four years since first faculty appointment at the assistant professor level. The maximum annual award is $77,000 for a total of three years.

**Application Due Date:** July 19, 2013
**Scientist Development Grant**

The **Grant-in-Aid** supports the most innovative and meritorious research projects from independent investigators. Research should be broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts. While no minimum percent effort is specified, the PI must demonstrate that adequate time will be devoted to ensure successful completion of the project. The maximum annual award is $66,000 for a total of three years.

**Application Due Date:** July 19, 2013
**Grant-in-Aid**

The **Established Investigator Award** supports mid-career investigators with an established record of accomplishments. Applicants must have a demonstrated commitment to cardiovascular or cerebrovascular science as indicated by prior publication history and scientific accomplishments and be at least four years but no more than nine years since the first faculty appointment at the assistant professor level. The maximum annual award is $80,000 for a total of five years.

**Application Due Date:** July 18, 2013
**Established Investigator Award**

The **Innovative Research Grant** (IRG) supports highly innovative, high-risk, high-reward research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research. This program aims to provide pilot or seed funding that should lead to successful competition for additional funding beyond the pilot period. The maximum annual award is $75,000 for a total of two years.

**Application Due Date:** July 18, 2013
**Innovative Research Grant**

Robert Wood Johnson Foundation

EXPIRING SOON!!
The **Public Health Services and Systems Research (PHSSR) Mentored Research Scientist Development Awards** provides support and protected time for an intensive supervised career development experience for junior faculty. Proposals should address topics described in the Agenda and incorporate new ways to connect the public health practice and research communities to expedite the translation of evidence into policy and practice. Eligible applicants are junior faculty with fewer than seven years since doctorate. Awards will fund a maximum total of $100,000 for up to 2 years.

**Application Due Date:** August 21, 2013
**PHSSR**

(Continued on page 9)
American Heart Association

EXPIRING SOON!!

The Predoctoral Fellowship helps students initiate careers in cardiovascular and stroke research by providing research assistance and training. Research should broadly be related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts. Each fellow is required to have a sponsor. Fellowships will award $22,000/year for salary and $1,000/year for health insurance. The award duration is a maximum of 2 years.

Application Due Date: July 19, 2013

Predoctoral Fellowship

The Postdoctoral Fellowship helps trainees initiate careers in cardiovascular and stroke research and supports individuals before they are ready for some stage of independent research. Applicants must have no more than 5 years postdoctoral research training or experience. Proposals are encouraged from all basic disciplines as well as epidemiological, behavioral, community and clinical investigations. Fellowships will provide an annual salary to commensurate with the years of postdoctoral research and clinical experience at time of award activation. The Fellowship will also provide $1,000 for health insurance and $3,000 for travel. The maximum award duration is 2 years.

Application Due Date: July 19, 2013

Postdoctoral Fellowship

Bill and Melinda Gates Foundation

The Gates Fellow Job is seeking Fellows to join the Global Health Program beginning in Fall 2013. Fellows will be a part of a two year cohort that will work in close collaboration with foundation employees to support research, evaluation of strategic priorities, grant projects and initiatives. Applicants must have an advanced degree (i.e., MD, PhD, PharmD) or MBA with backgrounds in management consulting, investment banking, private equity or venture capital. 7-10 years of related professional experience is also required. Scope of work will require residency or relocation to the Seattle area, and the ability and willingness to travel domestically and internationally is required.

Gates-Fellow-Job

“It is impossible to live without failing at something, unless you live so cautiously that you might as well not have lived at all—in which case, you fail by default.”

J.K. Rowling, British novelist (1965-)

Please submit your comments/suggestions to jackson@buffalo.edu or pjsturtz@buffalo.edu