

SPHHP Research Activities Newsletter

In the News

Congratulations to the Following Awardees:



Lina Mu, Assistant Professor of Social and Preventive Medicine, received a renewal award from the National Institute of Environmental Health Sciences for the project entitled *Biological Response to Air Quality Change in Beijing, pre-, mid- and post-Olympics*. Using samples collected before, during and after the 2008 Olympics and Paralympics held in Beijing, Dr. Mu will examine the biological response to both decreases and increases in ambient air pollution, improving the understanding of the physiologic perturbations through which air pollution may potentiate various short- and long-term health effects. UB faculty co-investigators include **Matthew Bonner**, Associate Professor of Social and Preventive Medicine, **Richard Browne**, Associate Professor of Biotechnical and Clinical Laboratory Sciences, **Kate Rittenhouse-Olson**, Professor and Director of Biotechnology Program and **Lili Tian**, Associate Professor of Biostatistics.



Christine Oddo, Research Assistant Professor of Rehabilitation Science, received a renewal award from the NYS Commission on Quality of Care and Advocacy for Persons with Disabilities for the project entitled *Technology-Related Assistance for Individuals with Disabilities (TRAID) Program*. TRAID supports the development of state-wide consumer-responsive technical assistance programs for persons with disabilities.



Dan Ramsey, Assistant Professor of Exercise and Nutrition Sciences, is co-investigator on a renewal award from Northwestern University with principal investigator Venkat Krovi (Mechanical and Aerospace Engineering) for the project entitled *CPS Medium: Quantitative Visual Sensing of Dynamic Behaviors for Home-based Progressive Rehabilitation*. The project will examine the engineering complexity implications of intelligent orthotic braces to interactively alter functional performance.



Machiko Tomita, Clinical Associate Professor of Rehabilitation Science, received a new 1-year award from the Health Foundation for Western and Central New York for the project entitled *Home Safety Training to Prevent Falls in Older Adults and their Caregivers—Step Up to Stop Falls-Phase 2*. The project will advance the Home Safety Self-Assessment Tool (HSSAT) by supplementing step-by-step training materials via video streaming inserted in the online HSSAT and make the online HSSAT more accessible for older adults by incorporating measures for hearing and vision impairment. **Jo Schweitzer**, Clinical Assistant Professor of Rehabilitation Science, is co-director on the project.



Greg Wilding, Associate Professor of Biostatistics, received a renewal award from Health Research Inc. for the project entitled *Role of Androgen Axis in the Racial Differences of Prostate Cancer Mortality*. Dr. Wilding will perform statistical analyses and review and participate in the writing of reports and manuscripts.

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Grant Clinic

The National Science Foundation has updated the Grant Proposal Guide, NSF 13-1 for proposals submitted after January 14, 2013. The following link has an outline of the significant changes:

http://www.nsf.gov/pubs/policydocs/pappguide/nsf13001/gpg_sigchanges.jsp

NIH Notices & Reminders

Notice of Intent to Publish Patient-Centered Outcomes Research (PCOR) Funding Opportunity Announcements

AHRQ intends to promote several new initiatives by soliciting applications for research on PCOR. These projects will support PCOR efforts in many areas, including health care interventions in real world settings, advanced use of the research findings by diverse populations, development of effective patient registries, and training and career development. This notice of intent is being provided to allow potential applicants sufficient time to develop meaningful collaborations and responsive projects. The FOAs are expected to be published in early 2013. For additional information, please see NIH Notice: <http://grants.nih.gov/grants/guide/notice-files/NOT-HS-13-003.html>

Notice of Intent to Publish a FOA for Dissemination and Implementation Research in Health (R01)

The NIMH, along with participating Institutes, intends to reissued PAR-10-038 "Dissemination and Implementation Research in Health (R01) and the companion FOAs, which expired on January 8, 2013. This funding opportunity encourages applications that will identify, develop, evaluate and refine effective and efficient methods, systems, infrastructures, and strategies to disseminate and implement research-tested health behavior change interventions, evidence-based prevention, early detection, diagnostic, treatment and management, and quality of life improvement services, and data monitoring and surveillance reporting tools into public health and clinical practice settings that focus on patient outcomes.

<http://grants.nih.gov/grants/guide/notice-files/NOT-MH-13-009.html>

NIH Funding Opportunities: Requests for Applications (RFA)

February Due Dates

RFA-MD-13-004 (U54)

NIMHD Transdisciplinary Collaborative Centers for Research on Men's Health

The NIMHD seeks to establish specialized Transdisciplinary Collaborative Centers (TCCs) for Health Disparities Research comprising regional coalitions of academic institutions, community organizations, service providers and systems, government agencies and other stakeholders focused on priority research areas in minority health and health disparities. This initiative is intended to support coordinated research, implementation and dissemination activities that transcend customary approaches and "silo" organizational structures to address critical questions at multiple levels in innovative ways. The purpose of this funding opportunity is to support the development of TCCs focused specifically on research on men's health.

Application Due Date: February 6, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-13-004.html>

RFA-AG-13-009 (R03)

Secondary Analyses and Archiving of Social and Behavioral Datasets in Aging

The NIA supports collection of data and biological samples including a broad array of measures that are relevant to: the dynamics of health and disability, cognition, psychosocial and sociodemographic factors, genetics and biomarkers, long-term care, caregiving, behavioral medicine, retirement, economic status and well-being over the lifecourse. The purpose of this FOA is to solicit applications for (1) secondary analysis of data on aging in the areas of psychology, behavioral genetics, economics, demography or (2) archiving and dissemination of data sets to enable secondary analyses in order to further advance research.

Application Due Date: February 14, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-13-009.html>

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RFA-DE-13-002 (R01); RFA-DE-13-003 (R21)

Epigenomics of Virus-Associated Oral Diseases

This FOA solicits novel, research project grant applications proposing to investigate the epigenetic basis of virus-associated oral diseases in order to guide the discovery and application of novel epigenomic-based clinical interventions. These studies are expected to: 1) discover and define the mechanisms of action of epigenomic modifications in viral and host epigenomes; and 2) demonstrate how modifications in the host and viral epigenomes cause pathophysiological changes in oral cells and tissues that result in oral diseases and may also cause diseases in other parts of the body.

Application Due Date: February 21, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-13-002.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-13-003.html>

June Due Dates

RFA-CA-12-015 (R01) and RFA-CA-12-016 (R21)

Research Answers to NCI's Provocative Questions – Group A

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions (PQs) initiative. PQs in Group A challenge investigators to seek answers to specific unsolved problems generally related to investigation of changes in behavior and various exposure risks, mechanistic links between cancer risk factors and biological events associated with cancer development, and how we might identify and better understand prevention mechanisms.

Application Due Dates: June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-015.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-016.html>

RFA-CA-12-017 (R01) and RFA-CA-12-018 (R21)

Research Answers to NCI's Provocative Questions – Group B

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions initiative. Provocative Questions in this group challenge investigators to seek answers to specific unsolved problems generally related to mechanisms of tumor development or recurrence.

Application Due Dates: June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-017.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-018.html>

RFA-CA-12-019 (R01) and RFA-CA-12-020 (R21)

Research Answers to NCI's Provocative Questions – Group C

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions initiative. Provocative Questions in this group challenge investigators to seek answers to specific unsolved problems generally related to the development or refinement of methods to detect or diagnose tumors and highlight our still nascent knowledge of the stages of tumor development as they relate to determining which tumors are most likely to lead to more aggressive states.

Application Due Dates: June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-019.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-020.html>

RFA-CA-12-021 (R01) and RFA-CA-12-022 (R21)

Research Answers to NCI's Provocative Questions – Group D

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions initiative. Provocative Questions in this group challenge investigators to seek answers to specific unsolved problems generally related to the development and use of new therapeutic agents and how we can learn from both the successes and failures of clinical treatment.

Application Due Dates: June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-021.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-022.html>

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

PAR-13-035 (R21)

NEI Research Grant for Secondary Analysis

This FOA issued by the NEI encourages applications that propose to conduct secondary data analyses utilizing existing database resources. The R21 may be used to develop new statistical methodologies or to test hypotheses using existing NEI data, but this FOA may not be used to support the collection of new data.

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-035.html>

PAR-13-044 (R03)

NIDCR Small Research Grants for Data Analysis and Statistical Methodology Applied to Genome-wide Data

This FOA is to provide support for meritorious research projects that involve secondary data analyses of genome-wide data (e.g., existing data from genome-wide association studies), relevant to human dental or craniofacial conditions or traits. Development of statistical methodology appropriate for analyzing genome-wide data, relevant to human dental or craniofacial conditions or traits, may also be proposed.

Application Due Date(s): Standard dates apply

Expiration Date: January 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-044.html>

PAR-13-055 (R01); PAR-13-054 (R21); PAR-13-056 (R03)

Dissemination and Implementation Research in Health

These FOAs are to provide support for research that will identify, develop, evaluate and refine effective and efficient methods, systems, infrastructures, and strategies to disseminate and implement research-tested health behavior change interventions, evidence-based prevention, early detection, diagnostic, treatment and management, and quality of life improvement services, and data monitoring and surveillance reporting tools in public health and clinical practice settings that focus on patient outcomes.

Application Due Date(s): Standard dates apply

Expiration Date: January 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-055.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-054.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-056.html>

PAR-13-068 (P20)

Feasibility Studies to Build Collaborative Partnerships in Cancer Research

NCI invites applications for the implementation of collaborative partnership awards between Institutions serving communities with cancer health disparities and NCI-designated Cancer Centers (e.g., Roswell Park Cancer Institute). This FOA is designed to facilitate the planning and execution of focused collaborations in cancer-related research, training and career development, and education by supporting the creation of partnership frameworks and the conduct of pilot projects and pilot programs by investigators at the partnering institutions.

Application Due Date(s): March 19, 2013; March 19, 2014; March 19, 2015

Expiration Date: March 20, 2015

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-068.html>

NIH Funding Opportunities: Program Announcements (PA)

PA-13-039 (K08)

AHRQ Mentored Clinical Scientist Research Career Development Award

Application Due Date(s): Standard dates apply

Expiration Date: February 13, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-039.html>

PA-13-041 (Admin Supp)

Collaborative Activities to Promote Metabolomics Research

Application Due Date(s): March 15, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-13-041.html>

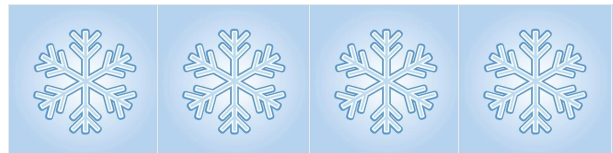
PA-13-045 (R01)

AHRQ Health Services Research Projects

Application Due Date(s): Standard dates apply

Expiration Date: November 6, 2015

<http://grants.nih.gov/grants/guide/pa-files/PA-13-045.html>



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PA-13-046 (R18)

AHRQ Health Services Research Demonstration and Dissemination Grants

Application Due Date(s): Standard dates apply

Expiration Date: September 26, 2015

<http://grants.nih.gov/grants/guide/pa-files/PA-13-046.html>

PA-13-058 (R01); PA-13-059 (R21); PA-13-060 (R03)

Pain in Aging

Application Due Date(s): Standard dates apply

Expiration Date: January 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-058.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-059.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-060.html>

UB Faculty Internationalization Fund (FIF)

The Office of the Vice Provost for International Education has re-launched the FIF program to support international engagement by UB faculty. Faculty members are encouraged to submit applications for travel funding to support their participation in one of the following targeted internationalization activities: (1) developing and directing faculty-led study abroad program for UB students at a UB partner institution overseas; (2) developing a sustainable research collaboration with a counterpart(s) at a UB partner institution; or (3) developing a new UB course, or enhancing an existing UB course, with international content and perspectives in cooperation with an institutional partner. Awards are \$500, \$1,000 or \$2,000 and preference is given to projects that are demonstrably sustainable. Applications must be endorsed by the appropriate department chair and dean.

Application Due Date(s): February 1 (for late spring or summer activities)

May 1 (for late summer or fall activities)

October 1 (for late winter or spring activities)

http://wings.buffalo.edu/intled/Faculty_Internationalization_Fund_web.pdf

Funding Opportunities: Foundations

The Ellison Medical Foundation

The Ellison Medical Foundation Senior Scholar Program provides research support for understanding lifespan development processes and age-related diseases and disabilities. The Foundation particularly seeks to stimulate new research in areas of research including: structural biology; molecular genetics; studies with model systems ranging from lower eukaryotes to humans; inquiries testing the relevance of simpler models to human aging; genetic epidemiology of aging; aging in the immune system; host defense molecules in aging systems; mechanisms of aging in various differentiated cell populations; gene/environment and gene/gene interactions; integrative physiology; and new approaches to age-modulated disease mechanisms. Awards are up to \$150,000 direct costs per year for a total of four years.

Application Due Date: Letters of Intent - March 7, 2013

Invited Applications – June, 2013

<http://www.ellisonfoundation.org/how-to-apply-senior-scholar>

Funding Opportunities: Graduate Students and Postdoctoral Fellowships

The Hewlett Foundation/Institute of International Education

The Hewlett Foundation/Institute of International Education is accepting applications for the Dissertation Fellowship in Population, Reproductive Health, and Economic Development. The fellowships support dissertation research on topics that examine how population dynamics, family planning, and reproductive health influence economic development, including economic growth, poverty reduction, and equity. Dissertations that address population and development issues pertinent to the African continent are especially encouraged. Fellowships will be awarded a maximum of \$20,000 per year for a total of two years.

Application Due Date: March 11, 2013

<http://www.iie.org/Programs/Hewlett-IIE-Fellowship>

Awards Received Between 07/01/2012 and 12/31/2012

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 awards, as UB principal investigators, between 07/01/2012 and 12/31/2012.

PI	Department	Title	Sponsor
Randolph Carter	Biostatistics	1) Combating Autism Act MCH Autism Intervention Research Grant 2) Gynecologic Oncology Group Statistical and Data Center CCOP	Health Research Inc.
Alan Hutson	Biostatistics	1) mTOR Inhibition for Generating Memory T Cells to Enhance Ovarian Tumor Immunity 2) Vitamin D in Prostate Cancer: Tumor Vasculature Effects	Health Research Inc.
David Tritchler	Biostatistics	Flaxseed Effects on Hormones and Lignans: Role of Race, Genes, and Gut Microbiome	Health Research Inc.
Gregory Wilding	Biostatistics	1) Prostate Cancer: Transition to Androgen Independence – Core B 2) RPCI CCSG Biostatistics Resource	Health Research Inc.
James Leahy	Center for Assistive Technology	Center on Knowledge Transition for Disability and Rehabilitation Research	SEDL
Christine Oddo	Center for Assistive Technology	Loan Closet under TRAIID Contract	NYS Commission for the Blind & Visually Handicapped
Lynn Kozlowski	Community Health and Health Behavior	Pharmacogenetics of Nicotine Addiction Treatment	University of Pennsylvania
Heather Orom	Community Health and Health Behavior	1) Race, Prostate Cancer Treatment, and Treatment Decision Difficulty and Regret 2) “Growing Healthy Together,” Using a Neighborhood Health Assessment to Engage Community Members in Collective Action for Health	Health Research Inc. UB 2012-2013 Civic Engagement Research Dissemination Fellowship
Michael Noe	Dean’s Office	Public Health Traineeship	Health Resources and Services Administration
Todd Rideout	Exercise and Nutrition Sciences	Assessment of MSP (RS) Potato Starch Controlled-Dose Formulations as a Health-Promoting Prebiotic in the Animal and Human Nutraceutical Industries	University of Manitoba

6-month awards, con't

PI	Department	Title	Sponsor
Nadine Fisher & Andrew Ray	Rehabilitation Science	Effects of Resistive Respiratory Muscle Training on Respiratory Function, Functional Performance, Fatigue, and Quality of Life in Individuals with Multiple Sclerosis	U.S. Department of Education, National Institute on Disability and Rehabilitation Research
Machiko Tomita	Rehabilitation Science	Virtual Group-Exercise at Home in Older Adults at Risk of Falling	National Institute on Aging
Jo Freudenheim	Social and Preventive Medicine	1) Risk Factors for miRNA Expression and Differentiation in Normal Breast Tissues 2) Interdisciplinary Training in Cancer Epidemiology at UB	Ohio State University National Cancer Institute
Michael LaMonte	Social and Preventive Medicine	Objective Physical Activity and Cardiovascular Health in Women Aged 80 and Older	Fred Hutchinson Cancer Research Center
Pavani Ram	Social and Preventive Medicine	1) Waterless Hand Sanitizer for Diarrhea Prevention in a Humanitarian Emergency 2) To Provide Technical Assistance to Conduct Formative Research on Handwashing, Country Office Program Evaluations and Data Analysis of Handwashing Info. 3) Measuring the Benefits of Sanitation, Water Quality and Handwashing Interventions for Improving Health and Development	Centers for Disease Control and Prevention UNICEF University of California, Berkeley
John Violanti	Social and Preventive Medicine	1) Stressor and Microvascular Subclinical CVD in Police Officers 2) Analysis of Cardiovascular Disease Biomarkers in the BCOPS Study	National Inst. For Occupational Safety and Health Centers for Disease Control and Prevention
Jean Wactawski-Wende	Social and Preventive Medicine	The Women's Health Initiative Regional Field Center Program	National Heart, Lung, and Blood Institute

“The greatest discovery of all time is that a person can change his future by merely changing his attitude”

Oprah Winfrey ([1/29/54-present], film actress, philanthropist, talk show host, publisher and producer)



Please submit your comments/suggestions to jacksont@buffalo.edu or pjsturtz@buffalo.edu, 106 Kimball Tower