

# SPHHP Research Activities Newsletter

## In the News

### Congratulations to the Following Awardees:



**Jeffrey Miecznikowski**, Associate Professor of Biostatistics and Associate Dean for Faculty Affairs and Diversity, is co-investigator on a renewal award from the National Institute of Dental & Craniofacial Research with principal investigator (PI) Frank Scannapieco (Oral Biology) for the project entitled *Amylase Binding and Gene Expression in S. gordonii*. Dr. Miecznikowski will perform statistical analysis of data to determine the mechanisms by which an abundant enzyme in saliva, amylase, interacts with streptococcus gordonii and the function of this interaction.



**Pavani Ram**, Associate Professor of Social and Preventive Medicine, is PI on an award from the US Agency for International Development for the project entitled *Waterless Hand Cleansing with Chlorhexidine: A Novel Approach to Prevent Neonatal Deaths*. The study will evaluate the impact of promoting waterless hand cleansing with chlorhexidine on hand cleansing behavior of mothers, birth attendants, and others during the peripartum and neonatal periods.



**Machiko Tomita**, Clinical Associate Professor of Rehabilitation Science, is PI on an award from Touchstream Solutions, LLC for the project entitled *UB CAT: Development of Custom Docking Station and Software Evaluation*. The focus of the project is to develop a custom docking station for a tablet for an integrated homecare monitoring system and test the system in a variety of real-world homecare settings to ensure it is easy to use and provides tangible benefits to the residents and their families.



**David Tritchler**, Research Professor of Biostatistics, is PI on a renewal award from Health Research Inc. for the project entitled *Racial Disparities in Human Endogenous Retrovirus and Breast Cancer*. Dr. Tritchler will provide statistical genetic analysis and participate in writing reports and manuscripts.



**Alexander Foss**, first year graduate student in Biostatistics, received an Honorable Mention from the National Science Foundation for his project entitled *Discrimination/Classification in High-Dimensional Settings*. The project will seek to develop a solution to the high-dimensional supervised classification program. Applicants receiving this distinction, which is considered a significant national academic achievement, are provided enhanced access to cyber infrastructure resources, in support of research toward completion of the graduate program of study.

### Inside this issue:

In the News	1
Grant Clinic	2
NIH Funding:	
RFA	2-5
PAR	5
PA	6
DOD Funding Opportunities	6-7
Foundation Funding:	
Muscular Dystrophy Ass	7
Pfizer	8
Funding for Graduate Students and Postdocs	8
Words to Live By	8

# Grant Clinic

## NIH Notices & Reminders

### IACUC 101 and 301 Workshops

IACUC workshops will be held on June 5-6, 2013 in St. Louis, Missouri. The Basics (101) will provide a basic yet comprehensive overview of the laws, regulations, and policies that govern the humane care and use of research animals. Scenarios (301) will provide participants the opportunity to practice what they have learned when they are challenged to consider, deliberate, and develop action plans. For program, registration and accommodation information, please visit [IACUC 101](#).

### Reminder – Research Performance Progress Report (RPPR) Required for all SNAP and Fellowship Progress Reports

Awards with start dates of July 1, 2013 or later are **required** to utilize the eRA RPPR for submitting SNAP and Fellowship progress reports. Progress reports submitted under another format will not be processed by NIH. If a progress report for a SNAP grant has been initiated as an eSNAP, the grantee must contact the eRA Help Desk to change the progress report format to the RPPR. For further information, please see [NOT-OD-13-061](#).

### Reminder – NIH's Policy for Handling Electronic System Issues that Threaten On-Time Grant Application Submission

If the on-time submission of an application is being threatened by a system issue that is beyond their control, applicants must follow [NIH Guidelines](#) for reporting the issue. Reports of system issues received by NIH's eRA Help Desk will be investigated on a case by case basis. If the eRA Help Desk confirms the problem is a system issue, the application will not be considered late as long as the applicant works with the Help Desk to resolve the problem as quickly as possible. All application submitted after the deadline must include a cover letter documenting the confirmed system issue, relevant Help Desk ticket numbers, and the action(s) taken to resolve the issue(s). For further information, please see [NOT-OD-13-054](#)

## NIH Funding Opportunities: Requests for Applications (RFA)

### June Due Dates

RFA-MH-14-030 (R01)

#### Advancing Eating Disorders Research through Dimensional Studies of Biology and Behavior

This FOA seeks research studies that use dimensional constructs to integrate biology (e.g., brain circuit or physiological pathway) and behavior in the service of advancing the understanding of biological mechanisms and developmental trajectories of eating disorders.

**Application Due Date:** June 11, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-030.html>

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 Date:** 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

PQs in this group challenge investigators to seek answers to specific unsolved problems generally related to mechanisms of tumor development or recurrence.

*(Continued on page 3)*

(Continued from page 2)

**Application Due Date:** 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**

PQs 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 the stages of tumor development as they relate to determining which tumors are most likely to lead to more aggressive states.

**Application Due Date:** 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**

PQs 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 Date:** 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>

### July Due Dates

**NEW!!** RFA-OD-13-009 (R25)

**Short Courses on Innovative Methodologies in Behavioral and Social Sciences**

This FOA invites Research Education Grant 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 [Behavioral and Social Sciences Definition](#).

**Application Due Date:** July 3, 2013

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

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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-14-002.html>

**NEW!!** 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. 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-13-008.html>

**NEW!!** 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.

(Continued on page 4)

(Continued from page 3)

**Application Due Date:** July 31, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-13-010.html>

**NEW!!** 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-13-010.html>

### 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-14-003.html>

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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-13-005.html>

### September Due Dates

**NEW!!** 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-180.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-181.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-182.html>

**NEW!!** 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

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

(Continued on page 5)

### October Due Dates

**NEW!!** 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AR-14-004.html>

### 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-14-002.html>

### Multiple Due Dates

**NEW!!** 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 preliminary/development 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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-14-001.html>

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

PAR-13-222 (P50)

#### **NIDA Research "Center of Excellence" Grant Program**

NIDA supports research center grants to foster an innovative, synergistic and thematically coherent approach to drug abuse and addiction research. Through the Centers program, NIDA seeks to encourage outstanding scientists to bring a full range of expertise, approaches, technologies, and creativity to the study of problems related to drug abuse and addiction. Investigative efforts are expected to be broadly based and to encompass a variety of areas, including biological, biomedical, social, behavioral, and/or clinical sciences as well as dissemination sciences to address critical research issues.

**Application Due Date(s):** September 25, 2013; September 25, 2014; September 25, 2015

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-222.html>

PAR-13-228 (R01)

#### **Biomarkers for Diabetes, Digestive, Kidney and Urologic Diseases Using Biosamples from the NIDDK Repository**

This FOA will provide support for assays (and associated data analysis) of repository-held samples for studies focused on an NIDDK-relevant disease. These studies are expected to generate scientific discoveries on disease mechanisms, disease pathogenic processes, disease progression, or clinical responses. Projects that make good use of the associated data from the clinical trials and studies, the original intent of the clinical study and/or trial are highly encouraged. Exploratory studies and discovery research are encouraged especially when samples are not severely limited, the work is justified, and the goal is consistent with the original intent of the clinical research.

**Application Due Date:** Standard dates apply

**Expiration Date:** September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-228.html>

## NIH Funding Opportunities: Program Announcements (PA)

PA-13-209 (R01); PA-13-212 (R21)

### **Innovative Measurement Tools for Community Engaged Research Efforts**

Application Due Date(s): Standard dates apply

**Expiration Date:** September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-209.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-212.html>

PA-13-194 (R01); PA-13-193 (R21)

### **Mechanisms of Alcohol and Nicotine Co-Addiction**

Application Due Dates: Standard dates apply

**Expiration Date:** September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-194.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-193.html>

## Funding Opportunities: Department of Defense

### **Breast Cancer Research Program (BCRP)**

**The Innovator Award** supports individuals who have demonstrated creativity, innovative work and leadership in any field including, but not limited to, breast cancer. The intent of this mechanism is to recognize creative and innovative individuals rather than projects, thus the central feature of the award is the innovation contribution that the PI can make toward ending breast cancer. The PI should have a past record of creativity, current dogma and demonstrates an ability to look beyond tradition and convention. PIs must be at or above the level of Associate Professor. Awards are up to \$5 million (direct costs) for a maximum period of 5 years.

**The Breakthrough Award** is being offered for the first time in FY13. The intent of the award is to support promising research that has the potential to lead to or make breakthroughs in breast cancer. Research proposed under this award may be small- to large-scale projects, at different stages of idea and research development. Awards are based on the scope of the research projects and funding levels range from \$350,000 (direct costs) for a maximum of 3 years to \$10M (direct costs) for a maximum of 5 years.

**Application Due Date(s):** June 25, 2013 – Pre Application  
September 25, 2013 – Invited Application

[Breast Cancer Research Program](#)

### **Multiple Sclerosis Idea Development Award**

This award supports conceptually innovative, high-risk/potentially high-reward research that could ultimately lead to critical discoveries in understanding the cause and progression of MS and/or improvements in patient care and/or quality of life. To be considered for funding, applications must address at least one of the following Focus Areas: (1) biological basis of symptoms and their management; (2) mechanistic studies of environmental risk factors; (3) endocrinological influences on disease activity and progression; and (4) co-morbidities and their impact on disease activity and progression. Awards are up to \$400,000 (direct costs) for a maximum period of 2 years.

**Application Due Date(s):** June 18, 2013 – Pre-Application  
September 17, 2013 – Invited Application

[Multiple Sclerosis Idea Development](#)

### **Ovarian Cancer Awards (OCRP)**

The Ovarian Cancer Awards support innovative, high-impact research with an overall goal of elimination ovarian cancer.

**Early-Career Investigator Award** is soliciting additional Early-Career Investigators to join the existing OCRP Ovarian Cancer Academy, an interactive virtual academy providing monitoring, national networking and a peer group for junior faculty. The Early-Career Investigator must have an institutional commitment of at least 50% protected time for this award and must receive an institutional support package of at least \$50,000/year. Awards are for a maximum period of 5 years, with maximum allowable direct costs for the entire period of performance of \$725,000 plus indirect costs.

*(Continued on page 7)*

(Continued from page 6)

**The Pilot Award** supports conceptually, innovative, high-risk/high-reward research that should include a testable hypothesis based on strong scientific rationale and serves as a catalyst to expand or modify current thinking about and/or approaches in ovarian cancer research. The maximum funding period is 2 years with maximum allowable direct costs for the entire period of performance of \$225,000 plus indirect costs.

**Application Due Date(s):** June 12, 2013 – Pre-Application  
August 28, 2013 – Invited Application

[Ovarian Cancer Research Program](#)

### **Prostate Cancer Research Program (PCRP)**

**The Idea Development Award** supports new ideas that represent innovative approaches to prostate cancer research and have the potential to make an important contribution to the PCRP mission. Applications should be based on a sound scientific rationale and the presentation of preliminary data is encouraged, but not required. There are two categories for this award – the New Investigator and Established Investigator Options. The New Investigator Option is designed to allow applicants early in their faculty appointments, or in the process of developing independent research careers, to compete for funding separately from established investigators. Awards are up to \$375,000 (direct costs) for Established Investigators and \$225,000 (direct costs) for New Investigators. The maximum period of performance for both is 3 years.

**Application Due Date(s):** June 19, 2013 – Pre-Application  
October 2, 2013 – Invited Application

**The Synergistic Idea Development Award** supports new ideas that represent innovative approaches to prostate cancer research involving two or three independent, faculty-level PIs. These investigators should use complementary and synergistic perspectives to address a central problem or question in prostate cancer research. This award is designed to support both new and pre-existing partnerships. Awards are up to \$750,000 (direct costs) for a total of 3 years.

**Application Due Date(s):** June 19, 2013 – Pre-Application  
October 9, 2013 – Invited Application

[Prostate Cancer Research Program](#)

### **2013 Pre-Announcements**

The DOD has released pre-announcements for the following research areas:

- Duchenne Muscular Dystrophy
- Lung Cancer

The DOD is providing the information to allow investigators time to plan and develop applications. A pre-application will be required for all mechanisms. It is anticipated that the program announcements will be posted to Grants.gov later this month.

<http://cdmrp.army.mil/default.shtml>  
[Grants.gov/DOD](http://Grants.gov/DOD)

## **Funding Opportunities: Foundations**

### **Muscular Dystrophy Association**

**The Development Grant** seeks to expand the number of scientists conducting meritorious neuromuscular disease research from among investigators who may be a member of a research team in the laboratory of an independent investigator under whose guidance the applicant will be given flexibility to work independently or as part of a collaborative effort. The applicant must have at least eighteen months of post-doctoral research training at the time of the application, but no more than 5 years post degree. Awards are up to \$60,000 per year for a maximum of three years.

**Application Due Date:** June 15<sup>th</sup>, Letter of Intent  
July 15<sup>th</sup>, Application

[Development Grant](#)

(Continued on page 8)

(Continued from page 7)

**The Research Grant** seeks to advance areas of scientific and medical knowledge that could improve understanding of the causes of neuromuscular diseases or assist in developing strategies for their diagnosis and treatment. Applicants must be a professional or faculty member (Professor, Associate Professor or Assistant Professor). Awards are for up to three years with funding unlimited.

**Application Due Date:** June 15<sup>th</sup>, Letter of Intent  
July 15<sup>th</sup>, Application

[Research Grants](#)

## Pfizer

### **Global Research Awards for Nicotine Dependence (GRAND)**

The overall mission of the GRAND Program is to advance the understanding of the mechanism of tobacco and nicotine dependence and their treatment. Research projects should aim to provide information that could directly advance the use of pharmacotherapy in clinical practice. The GRAND Program will fund at least 5 grants of between \$50,000 and \$200,000.

**Application Due Date:** July 2, 2013

[GRAND](#)

## Funding Opportunities: Graduate Students and Postdoctoral Fellows

### **Robert Wood Johnson Foundation Health & Society Scholars**

The program provides two years of support to postdoctoral scholars at all stages of their careers to build the nation's capacity for research and leadership to address the multiple determinants of population health and contribute to policy change. Up to 12 scholars will be selected for two-year appointments and will receive an annual stipend of \$80,000. To be eligible, scholars must have completed doctoral training by the time of entry into the program (September 2014) in one of a variety of fields, including, but not limited to, the behavioral and social sciences; the biological and natural sciences; health professions; public policy; public health; history; demography; environmental sciences; urban planning; and engineering.

**Application Due Date:** September 20, 2013

[Health & Society Scholars](#)

### **Department of Defense Breast Cancer Research Program Postdoctoral Fellowship Award**

The Postdoctoral Fellowship Award supports exceptionally talented recent doctoral or medical graduates in pursuit of innovative, high-impact breast cancer research during their postdoctoral training and allows them to obtain the necessary experience for an independent career at the forefront of breast cancer research. Applicants for this award must have a total of less than 4 years of postdoctoral research experience. Awards are up to \$300,000 (direct costs) for a maximum period of 3 years.

**Application Due Date(s):** June 18, 2013 – Pre-Application  
July 2, 2013 – Invited Application

[http://cdmrp.army.mil/funding/pa/13bcrrppostdoc\\_pa.pdf](http://cdmrp.army.mil/funding/pa/13bcrrppostdoc_pa.pdf)

*“Now and then it’s good to pause  
in our pursuit of happiness and  
just be happy.”*

*Guillaume Apollinaire [French  
poet, playwright, short story  
writer, novelist, and art critic  
(1880-1918)]*



Please submit your comments/suggestions to [jackson@buffalo.edu](mailto:jackson@buffalo.edu) or [pjsturtz@buffalo.edu](mailto:pjsturtz@buffalo.edu).