

SPHHP Research Activities

In the News

Inside this issue:

In the News	1-2
Grant Clinic	2-3
NIH Funding Opportunities	
RFAs	3
PARs	4-5
PAs	5-6
NSF Funding Opportunities	6
Words to Live By	6
Awards Received Between 1/1/11-6/30/11	7



Alan D. Hutson, Professor and Chair of the Department of Biostatistics, School of Public Health and Health Professions, has been elected a

Fellow of the American Statistical Association (ASA), the nation's pre-eminent professional statistical society. Hutson was one of 58 Fellows elected in recognition of their outstanding professional contributions to and leadership in the field of statistical science. Election is based on candidates' contributions to the advancement of statistics, including types and numbers of publications, positions held in the organizations in which they are employed, activities within the ASA, membership and accomplishments in other societies and other professional activities. See full article at: http://www.buffalo.edu/ubreporter/2011_06_16/hutson_asa_fellow

Michael Anton Sciortino, Assistant Director of Information Technology Services, SPHHP, was selected as one of New York State Bar Association's 2011 President's Pro



Bono Service Award winners for his efforts last year to help disadvantaged families. Michael has been involved in pro bono work through the Erie County Bar's Volunteer Lawyers Project and represented 146 Buffalo area clients who were facing the loss of their homes. For the complete story, please see the Buffalo News:

<http://www.buffalonews.com/business/article419831.ece>



Traci Jackson, Director, Research Administrative Services, SPHHP, was the recipient of the National Council of University Researchers' Region II

Travel Award. The award offset some of the cost for Traci to travel to Brooklyn, New York to attend the annual conference. The conference, held May 1st – May 3rd of this year, offered seminars specifically related to Traci's day-to-day activities and included topics such as: "Pre-Award Planning for Post-Award Administration". To commemorate the award, Traci received a certificate of recognition for being one of the two travel award winners.

Happy Father's Day

June 19th!



Congratulations!

In the *Another Voice* column of the *Buffalo News*, **Stephen Feikls**, an MPH student in SPM, suggested health care needs to focus more on disease prevention, rather than disease treatment. Stephen proposes that better health can be achieved by understanding and utilizing the public health principles of prevention, early detection and treatment. Yearly physical screenings can prevent or detect early onset of disease, while educating the population on healthy lifestyle choices can reduce the risk factors for chronic disease. For the full column, please see the Buffalo News: <http://www.buffalonews.com/editorial-page/from-our-readers/another-voice/article431847.ece>

Grant Clinic

NIH Notices

Salary Limitation on Grants, Cooperative Agreements, and Contracts

No increase has been provided for the limitation of Federal salaries. For FY 2011, the Executive Level I salary level remains at \$199,700. For further information, please see NIH notice: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-11-073.html>

Notice of Legislative Mandates in Effect for FY 2011

NIH has released this Notice to provide information on the statutory provisions that limit the use of funds on NIH grant, cooperative agreement, and contract awards for FY 2011. Please see NIH notice for the FY 2010 Legislative Mandates that remain in effect: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-11-072.html>



All About Grants podcast, March 7, 2011

In this podcast, staff from NIH's Office of Extramural Research describe writing the grant application as being analogous to writing a story.

http://grants.nih.gov/podcasts/All_About_Grants/episodes/Telling_Story_March_2011.htm

You have an idea. You have the hypothesis and the science to support pursuing it. It's your story – how do you go about telling it in the strongest way possible to increase the likelihood of your idea getting funded?

Author: Your personal statement on your biosketch is the opportunity to state why you are the right person for this, what you bring into it and what are your credentials that document this. Don't use a blanket statement for all applications. Think of it as a cover letter for this particular job interview.

Title: The title is something that needs to be very clear and intriguing. It needs to speak to the public.

Outline: Just as if you're writing a story, the abstract serves as your outline for the rest of the story you will be telling. It should be crisp, short and fit within the area allotted.

Foreshadowing: The public health relevance is a foreshadowing of what you see as the goal for why the taxpayer should spend money on this, why it's a good investment and what it can mean for their loved ones.

Setting: While there is often a boiler plate each university provides, you need to also remember that this is a particular research project and think about why you're excited to be at this place. What are the resources, what is the atmosphere, what do you have

access to that made you want to come in the beginning?

Plot: The research strategy is your narrative. You want to think in terms of rising action, climax and what the denouement will be.

- Approach – Set up your action. What are your doing and what is the motivation for doing it. Explain why this is the best, most rigorous test of the hypothesis possible.
- Innovation – your idea is the protagonist. Why is your idea important and why is this going to move the field forward? What's the new, what have you added, what will the research add to exploring this question. How are you going to structure the idea so that the reviewers know you can do this and do it well.
- Significance – What could possibly be the outcomes of the study and why they will be important to the science. Why will they be important to the public health.

Continued on page 3

- Give yourself time. Start early so you have a chance to find someone who can take a look at it. It is not easy to write in a clear way, and it really does put you ahead of the crowd to have a clearly written application.
- Be sure you have redundancy and clarity so the reviewer does not lose the initial reference to the “this” that you are talking about.
- Be specific. You don’t want the reviewers to have to guess your hypothesis or guess the significance

NIH Funding Opportunities: RFAs

RFA (Requests for Applications)

RFA-LM-11-002 (R01) **NLM Advanced Informatics for Health**

The research topic relates to computational support for complex health decisions: NLM seeks innovative applications to strengthen and support patients' decisions in complex health areas by taking advantage of advances in computational search and analysis techniques. The potential impact of the proposed research must be substantial, in terms of both the size of the community affected and the magnitude of its impact on that community.

Application Due Date: July 25, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-LM-11-002.html>

RFA-DC-12-003 (R21/R33) **NIDCD Research on Hearing Health Care**

The National Institute on Deafness and Other Communication Disorders (NIDCD) invites Exploratory/Developmental Phased Innovation (R21/R33) grant 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.

Application Due Date(s): October 31, 2011; June 29, 2012 and February 28, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-12-003.html>

RFA-DA-12-008 (R01) **Integration of Drug Abuse Prevention and Treatment in Primary Care Settings**

Efforts to prevent, detect, and treat drug abuse and addiction and its consequences can be improved by integrating existing evidence-based approaches into primary care settings. NIDA solicits translation and implementation research project applications to identify the most effective strategies and service delivery models for accomplishing this goal.

Application Due Date(s): October 31, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-12-008.html>

RFA-DA-12-007 (R01) **Remote Monitoring System for Detecting cocaine Ingestion/Intoxication**

This Funding Opportunity Announcement (FOA) requests applications for funding to develop and validate a reliable remote real-time cocaine monitoring system for use by clinical trials researchers testing cocaine dependence treatments. Systems will leverage developments in behavioral and/or biometric sensing, mobile and wireless technology (e.g., mHealth) and real time data analysis to detect cocaine use in vivo. Completed systems will include hardware, software, storage and analysis solutions to provide for secure encrypted storage on devices, secure encrypted transmission to a database, and secure researcher interfaces from which data may be aggregated to plot and display data demonstrating clinically meaningful changes in cocaine consumption patterns by individual participants.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-12-007.html>

RFA-A1-11-036 **Strategies for the Protection of Pregnant Women and Infants Against Infectious Diseases (R01)**

The purpose of this FOA is to encourage new and innovative mechanistic studies of pathogens that impact placental function and fetal well-being, with the long-term goal of informing the development of interventions against these pathogens and reducing the burden of infection-related pregnancy loss and infant morbidity and mortality.

Application Due Date(s): October 13, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-11-036.html>

NIH Funding Opportunities: PARs

PAR (Program Announcement Reviewed by an Institute)

PAR-11-003 (R01) and PAR-11-004 (R21)
NIDCD Research Grants for Translating Basic Research into Clinical Tools

Application Due Date(s): October 21, 2011, June 22, 2012, February 22, 2013 and October 22, 2013

Expiration Date: October 23, 2013

The NIDCD is encouraging applications which translate basic research findings into clinical tools for better human health in the NIDCD mission areas of hearing, balance, smell, taste, voice, speech and language. The intent of this FOA is to provide a new avenue for basic scientists, clinicians and clinical scientists to jointly initiate and conduct translational research projects. The scope of this FOA includes a range of activities to encourage translation of basic research findings which will impact the diagnosis, treatment and prevention of communication disorders. Multi-institutional, multi-disciplinary, and academic-industrial collaborations studies are encouraged. This FOA is not intended for outcome studies, the extension of ongoing clinical research studies, the optimization of current clinical protocols, or pre-translational studies. Connection to the clinical condition must be clearly established and the outcomes of the grant must have practical clinical impact.

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-003.html>
<http://grants.nih.gov/grants/guide/pa-files/PAR-11-004.html>

PAR-10-038(R01), PAR-10-040(R21) and PAR-10-039 (R03)

Dissemination and Implementation Research in Health

Application Due Date(s): Standard dates apply

Expiration Date: January 8, 2013

This FOA encourages investigators to submit research grant applications that will identify, develop, and refine effective and efficient methods, structures, and strategies to disseminate and implement research-tested health behavior change interventions and evidence-based prevention, early detection, diagnostic, treatment, and quality of life improvement services into public health and clinical practice settings.

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-038.html>
<http://grants.nih.gov/grants/guide/pa-files/PAR-10-040.html>
<http://grants.nih.gov/grants/guide/pa-files/PAR-10-039.html>



PAR-09-003 (R03)
Small Grants for Behavioral Research in Cancer Control

Application Due Date(s): August 22, 2011 and |December 20, 2011

Expiration Date: December 21, 2011

This FOA is intended to provide support for either new investigators in cancer-related behavioral research, or investigators who want to refocus their research interests toward behavioral research in cancer control. The program is designed to facilitate the growth of a nationwide cohort of scientists with research experience in behavioral cancer control and design of public health interventions. Preliminary data for the proposed projects are not required. Overarching goals are to: (1) encourage new investigators to enter the field of behavioral research in cancer control and initiate their long-term career development aimed at becoming independent investigators in the field, and (2) support research on transfer of behavioral science knowledge into cancer control practice.

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-003.html>

PAR-09-223 (R03)
NIDDK Small Grants for Clinical Scientists to Promote Diversity in Health-Related Research

Application Due Date(s): Standard dates apply

Expiration Date: September 8, 2012

The purpose of this funding FOA is to provide support for clinical scientists from underrepresented racial/ethnic backgrounds, disadvantaged backgrounds or clinical scientists with disabilities to conduct small research projects in the area of diabetes, endocrinology, metabolism, digestive diseases, hepatology, obesity, nutrition, kidney, urology, or hematology. This FOA is aimed at New Investigators who hold a health professional doctoral degree or other clinical doctoral degree AND who are from a group that have been shown to be underrepresented in biomedical research (see funding notice for full definition). The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. The R03 is intended to support small research projects that can be carried out in a short period of time with limited resources.

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-223.html>

(Continued on page 5)

PAR-10-136 (R01) and PAR-10-137 (R21)

Behavioral and Social Science Research on Understanding and Reducing Health Disparities

Health disparities between, on the one hand, racial/ethnic populations, lower socioeconomic classes, and rural residents and, on the other hand, the overall U.S. population are major public health concerns. Emphasis is placed on research in and among three broad areas of action: 1) Public policy, 2) health care, and 3) disease/disability prevention. Particular attention is given to reducing “health gaps” among groups. Proposals that utilize an interdisciplinary approach, investigate multiple levels of analysis, incorporate a life-course perspective, and/or employ innovative methods such as system science or community-based participatory research are particularly encouraged.

Application Due Date(s): September 14, 2011; January 11, 2012; May 11, 2012; September 14, 2012; January 14, 2013; May 11, 2013

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-136.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-137.html>

PAR-09-224 (R01)

Improving Diet and Physical Activity Assessment

This FOA encourages innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications submitted under this FOA may include development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including older adults; improved technology or applications of existing technology; statistical methods to assess or correct for measurement errors or biases, methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors.

Application Due Date(s): October 5, 2011 and June 5, 2012

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-224.html>

NIH Funding Opportunities: PAs

PA (Program Announcements)

PA-09-125 (R01) and PA-09-126 (R21)

Biobehavioral Methods to Improve Outcomes Research

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-126.html>

PA-09-131 (R21)

Secondary Analyses in Obesity, Diabetes and Digestive and Kidney Diseases

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-131.html>

PA-09-168 (R03)

Developmental Projects in Complementary Approaches to Cancer Care and Treatment

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-168.html>

PA-09-191 (R21) and PA-09-192 (R03)

Bioenergetics, Fatigability, and Activity Limitations in Aging

Application Due Date(s): Standard dates apply

Expiration Date: September 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-191.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-09-192.html>

PA-09-195 (R03)

Mechanisms, Measurement, and Management of Pain in Aging: from Molecular to Clinical

Application Due Date(s): Standard dates apply

Expiration Date: September 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-195.html>

Happy 4th of July!

PA-09-158 (R21) and PA-09-159 (R33)
Developmental Research in Cancer Prognosis and Prediction

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-158.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-09-159.html>

PA-09-224 (R21)

Nutrition and Physical Activity Research to Promote Cardiovascular and Pulmonary Health

Application Due Date(s): Standard dates apply

Expiration Date: September 8, 2012

<http://grants.nih.gov/grants/guide/pa-files/PA-09-224.html>

PA-11-211 (R01) PA-11-212 (R21)
Virtual Reality Technologies for Research and Education in Obesity and Diabetes

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2014

<http://grants1.nih.gov/grants/guide/pa-files/PA-11-211.html>

<http://grants1.nih.gov/grants/guide/pa-files/PA-11-212.html>

NSF Funding Opportunities

NSF 11-547

Social, Behavioral & Economic Services Doctoral Dissertation Research Improvement Grants

The National Science Foundation's Division of Behavioral and Cognitive Sciences (BCS), Division of Social and Economic Sciences (SES), National Center for Science and Engineering Statistics (NCSES), and the SBE Office of Multidisciplinary Activities (SMA) award grants to doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university.

Additionally, these grants allow doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus that would not otherwise be possible. Proposals are judged on the basis of their scientific merit, including the theoretical importance of the research question and the appropriateness of the proposed data and methodology to be used in addressing the question.

Application Due Date(s): Varies depending on field of study, beginning August 16, 2011, annually thereafter.

<http://www.nsf.gov/pubs/2011/nsf11547/nsf11547.htm>

PD 11-1440

Environmental Engineering

In broadest terms, the field of Environmental Engineering is concerned with understanding the impacts of human activities on the public health, natural environmental quality, and natural resources and with developing the scientific basis for identifying, analyzing, solving, mitigating, or managing environmental problems caused by human activities. The Environmental Engineering program supports fundamental research and educational activities across the broad field it serves. The goal of this program is to encourage transformative research which applies scientific principles to minimize solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity, and to evaluate adverse impacts of these discharges on human health and environmental quality. The program fosters cutting-edge scientific research based on fundamental science for identifying, evaluating, and developing new methods and technologies for assessing the waste assimilative capacity of the natural environment and for removing or reducing conventional and emerging contaminants from polluted air, water and soils.

Application Due Date(s): August 15, 2011-September 15, 2011

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029

I will be out of the office June and July. Please contact Traci with any research questions/concerns.

Have a great summer—see you in August.

Pam



Words to Live By:

The greatest weapon against stress is our ability to choose one thought over another – William

James [psychologist, philosopher, physician (1842-1910)]

Awards Received with Start Dates Between 1/1/11 and 6/30/11

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 1/1/11 and 6/30/11:

PI	Department	Title	Sponsor
Randy Carter	Biostatistics	Combating Autism Act MCH Autism Intervention Research Grant	Health Research Inc.
Alan Hutson	Biostatistics	A Prospective Observational and Retrospective Chart Review of Pediatric Asthma Subjects Using the HEPAiRz Technology: Assessment of Resource Utilization	Air Innovations
Jeffrey Miecznikowski	Biostatistics	Laser-Capture Microdissection-Assisted Identification of Epithelial microRNA Expression Signatures for Prognosis of Stage 1 NSCLC	Health Research Inc.
David Tritchler	Biostatistics	SPORE in Endometrial Cancer	Health Research Inc.
Albert Vexler Jihnhee Yu	Biostatistics	Analysis for Incomplete Data in Oral Health/Ventilator-Associated Pneumonia Study	National Institute of Dental and Craniofacial Research
Gary Giovino	Community Health and Health Behavior	Memorandum of Understanding with the CDC Foundation for Work on the Global Adult Tobacco Survey	CDC Foundation
Jennifer Temple	Exercise and Nutrition Science	Gender Differences in Responses to Caffeine in Children and Adolescents	National Institute on Drug Abuse
Juli Wylegala	Rehabilitation Science	Functional Independence and Healthcare Experiences following Discharge from Inpatient Rehabilitation	University of Texas Medical Branch at Galveston
Lina Mu	Social and Preventive Medicine	Biological Response to Air Quality Change in Beijing, pre-, mid-, and post-Olympics	National Institute of Environ. Health Sciences
Pavani Ram	Social and Preventive Medicine	Proposal to Develop a Monitoring and Evaluation Toolkit for Handwashing Promotion Programs Managed by UNICEF Country Programs	UNICEF
John Violanti	Social and Preventive Medicine	Stressors and Heart Rate Variability in Police Officers	Centers for Disease Control & Prevention

Congratulations to all of our award recipients!