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Happy Valentine’s Day!

In the News: Caffeine's' Impact -by Jennifer Temple

Understanding the effects of caffeine and caffeinated drinks on adolescents is the focus of NIH-sponsored research being led by faculty member **Jennifer L. Temple** in the SPHHP.

Click on the link for an overview of the article: <http://www.buffalo.edu/ubreporter/mail/YKW77M>

The New NIH Guidelines: A Workshop Presented to SPHHP Faculty

R. Lorraine Collins, PhD and the RAS staff (Traci Jackson, EdD and Kate Foley, BS) presented a training workshop on the new NIH guidelines. The same information was presented on 2 dates and at 2 locations: 1/27/10 (Faber Hall) and 1/28/10 (Kimball Tower). The workshop focused primarily on the new page limitations, the revised components of the Research Strategy (formerly titled the Research Plan), the changes to the biosketch format, and an overview of the scoring process. The PowerPoint from the workshop can be found at the following link: <http://sphhp.buffalo.edu/research/admin/fyi/> Please contact our office if you would like a copy of the workshop handouts.

Below are 3 questions posed during the workshops and their respective answers:

1.) Are there any samples of successful multiple PI plans?

RAS does not have an example of a successful multiple PI plan. Below is an example from the NIH:

For Multiple PI applications, a new section for Leadership Plans (PHS 398, Section I) must be included, unless the RFA announcement requests the information be provided in another section. There are no page limitations for Section I. Leadership Plans should address the following administrative processes and PI responsibilities:

- Roles/areas of responsibility of the PIs
- Fiscal and management coordination
- Process for making decisions on scientific direction and allocation of resources
- Data sharing and communication among investigators
- Publication and intellectual property (if needed) policies
- Procedures for resolving conflicts

One example of a Leadership Plan for single project applications (i.e., R01, R21, etc) is provided below. (Applicants should follow any special instructions in the specific RFA/PA to ensure the requested information and format is included.)

Example 1

PI#1 and PI#2 will provide oversight of the entire Program and development and implementation of all policies, procedures and processes. In these roles, PI#1 and PI#2 will be responsible for the implementation of the Scientific Agenda, the Leadership Plan and the specific aims and ensure that systems are in place to guarantee institutional compliance with US laws, DHHS and NIH policies including biosafety, human and animal research, data and facilities. Specifically, PI#1 will oversee aim 1 and be responsible for all animal research approvals. PI#2 is responsible for aims 2, 3, and 4 including the implementation of all human subjects research and approvals. PI#1 will serve as contact PI and will assume fiscal and administrative management including maintaining communication among PI s and key personnel through monthly meetings. He will be responsible for communication with NIH and submission of annual reports. The responsibilities of the contact PI will be rotated to PI #2 in even years of the grant award. Publication authorship will be based on the relative scientific contributions of the PIs and key personnel.

For more examples please see: http://grants.nih.gov/grants/multi_pi/sample_leadership_plans.pdf

2.) How do we integrate “Background” into the new format of the proposal?

Background information can be integrated into the Research Strategy section of the NIH application in the following order and under the following section headings: **Significance, Innovation, Approach.**

- **Significance:** Explain the importance of the problem or critical barrier to progress in the field that the proposed project addresses; explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields; describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.
- **Innovation:** Explain how the application challenges and seeks to shift current research or clinical practice paradigms; describe any novel theoretical concepts, approaches or methodologies, instrumentation or intervention(s) to be developed or used, and any advantage over existing methodologies, instrumentation or intervention(s); explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation or interventions.
- **Approach:** Describe the procedures; cite published experimental details; provide the full references in the Bibliography and References cited section

3.) Are Pub Med Central Numbers required for references?

Yes. Grantees are reminded to demonstrate compliance with the Public Access Policy when submitting an application, proposal, or progress report to the NIH. Grantees should include the PubMed Central (PMC) reference number (e.g., PMC234567) for each paper that was authored or co-authored by the applicant or arose from their NIH award, and that falls under the Policy. For more information on the policy, please see: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-119.html>

To check to see if your published article has received a PubMed #, check: <http://www.ncbi.nlm.nih.gov/PubMed> type in your name and select search.

For example:

Dietary lignan intakes in relation to survival among women with breast cancer: the Western New York Exposures and Breast Cancer (WEB) Study.

McCann SE, Thompson LU, Nie J, Dorn J, Trevisan M, Shields PG, Ambrosone CB, Edge SB, Li HF, Kasprzak C, Freudenheim JL.

Breast Cancer Res Treat. 2009 Dec 22. [Epub ahead of print] **PMID: 20033482 [PubMed - as supplied by publisher]** Related articles

Measuring usability of assistive technology from a multicontextual perspective: the case of power wheelchairs.

Arthanat S, Nochajski SM, Lenker JA, Bauer SM, Wu YW.

Am J Occup Ther. 2009 Nov-Dec;63(6):751-64. **PMID: 20092111 [PubMed - in process]** Related articles

Additional Resources: NIH maintains the NIH Public Access Policy Website, <http://publicaccess.nih.gov/>, which includes sections on Submission Methods, Citation Methods, and Frequently Asked Questions.

Resubmitting? Shorter Page Limits Apply Here Too!

(taken from Nexus: Office of Extramural Research, February, 2010)

Those of you resubmitting applications after January 25, 2010 may be wondering if the changes in the new format of the NIH application apply to you – and the answer is **Yes!** All competing applications - including resubmissions - must use the new forms and follow the new page limits.

As a result, most investigators will have to turn their original application's Research Plan into a 6- or 12-page Research Strategy. (Don't forget there is an extra page for Specific Aims.) Ordinarily, when submitting a resubmission application, changes should be marked throughout the text. However, if the changes are so extensive that essentially all of the text would be marked, the application guide instead directs you to explain The changes in the one-page Introduction.

During the first few application rounds with shortened page limits, NIH expects resubmission applications to have extensive changes that will not be marked in the text. If this is the case for you, be sure to summarize your changes in the Introduction (which is generally limited to one page). For more information, refer to the application forms and instructions and the table of page limits.

'Overall Impact' is Distinct from the Review Criterion 'Significance'

(taken from Nexus: Office of Extramural Research, February, 2010)

NIH reviewers now are asked to rate the "Overall Impact" of an application. As reviewers assess Overall Impact, they take into account the individual review criteria and provide an overall evaluation of the likelihood for the project to exert a sustained, powerful influence on the research field(s) involved. Significance is one of the five scored review criteria. It is only one of the elements that will be taken into consideration when deciding on the Overall Impact of the application

The following points provide some clarification of the differences between Significance and Overall Impact:

Overall Impact	Reviewers will provide an overall impact/priority score to reflect their assessment of the likelihood for the project to exert a sustained, powerful influence on the research field(s) involved, in consideration of the following five core review criteria, and additional review criteria (as applicable for the project proposed).
Significance	Does the project address an important problem or critical barrier to progress in the field? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?

For more guidance on Impact and Significance, refer to Guide Notice NOT-OD-09-025 and the Overall Impact versus Significance document: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-025.html> and http://grants.nih.gov/grants/peer/guidelines_general/impact_significance.pdf

Funding Opportunities: NIH

Request for Applications (RFAs)

RFA-OD-10-011 (KM1)

Recovery Act Limited competition:
Institutional Comparative Effectiveness Research
Mentored Career Development Award
Application due date: 3/25/10
Expiration date: 3/26/10

RFA-MD-10-003 (R01)

NCMHD Health Disparities Research on Minority and Underserved Populations (R01)
Application due date: 2/26/10
Expiration date: 2/27/10

Program Announcements Reviewed in an Institute (PARs)

PAR-10-055 (R03)

National Institute of Deafness and other Communication Disorders (NIDCD)
Small Grant Program
Application due date(s): 2/24/10, 6/29/10, 10/29/10
Expiration date: 3/1/12

PAR-08-269 (R21)

Exploratory and Development Grant to Improve Health Care Quality through Health Information Technology (IT)
Application due date(s): Standard dates apply
Expiration date: 11/17/11

PAR-08-261 (R01)

Research on Emergency Medical Services for Children
 Application due date(s): 9/15/10
Expiration date: 9/16/10

PAR-08-212 (R01)

Methodology and Measurement in the Behavioral and Social Sciences
 Application due date(s): Standard dates apply
Expiration date: 9/8/11

Program Announcements (PAS)**PAS-10-097 (R01)**

Technology-Based Adherence Interventions for Substance Abusing Populations with HIV
 Application due date(s): Standard dates apply
Expiration date: 9/8/12

PAS-10-098 (R34)

Technology-Based Adherence Interventions for Substance Abusing Populations with HIV
 Application due date(s): Standard dates apply
Expiration date: 9/8/12

Program Announcements (PAs – R01s)**PA-10-267 (R01)**

Research Project Grant
 Application due date(s): Standard dates apply
Expiration date: 1/8/13

PA-09-243 (R01)

Nutrition and Physical Activity Research to Promote Cardiovascular and Pulmonary Health
 Application due date(s): Standard dates apply
Expiration date: 9/8/12

PA-09-046 (R01)

Testing Tobacco Products Promoted to Reduce Harm
 Application due date(s): Standard dates apply
Expiration date: 5/8/12

PA-09-099 (R01)

Mechanisms of Alcohol and Nicotine Co-dependence
 Application due date(s): Standard dates apply
Expiration date: 5/8/12

PA-08-263 (R01)

Health Services Research on the Prevention and Treatment of Drug and Alcohol Abuse
 Application due date(s): Standard dates apply
Expiration date: 1/8/12

PA-08-217 (R01)

Drug Abuse Prevention Intervention Research
 Application due date(s): Standard dates apply
Expiration date: 9/8/11

PA-10-031 (R01)

Epigenetic approaches in Cancer Epidemiology
 Application due date(s): Standard dates apply
 Expiration date: 1/8/13

Program Announcements (PAs - R21s)**PA-10-078 (R21)**

Proteomics in Auditory Developmental and Disease Processes
 Application deadline date(s): Standard dates apply
Expiration date(s): 1/8/13

PA-10-069 (R21)

NIH exploratory Developmental Research Grant Program
 Application due date(s): Standard dates apply
Expiration date: 1/8/13

PA-09-235 (R21)

Diet, Epigenetic Events, and Cancer Prevention
 Application due date(s): Standard dates apply
Expiration date: 9/8/12

PA-09-191 (R21)

Bioenergetics, Fatigability, and Activity Limitations in Aging
 Application due date(s): Standard dates apply
Expiration date: 1/8/12

PA-09-131 (R21)

Secondary Analyses in Obesity, Diabetes and Digestive and Kidney Diseases
 Application due date(s): Standard dates apply
Expiration date: 5/8/12

PA-08-247 (R21)

Chronic Fatigue Syndrome: Pathophysiology and Treatment
 Application due date(s): Standard dates apply
Expiration date: 9/8/11

PA-08-240 (R21)

Impact of Health communication Strategies on Dietary Behaviors
Application due date(s): Standard dates apply
Expiration date: 9/8/11

PA-08-125 (R21)

Epidemiology of Drug Abuse
Application due date(s): Standard dates apply
Expiration date: 5/8/11

PA-08-100 (R21)

Mechanisms of Functional Recovery after Stroke
Application due date(s): Standard dates apply
Expiration date: 5/8/11

Program Announcements (PAs – R13)

PA-10-106 (R13)

Scientific Meetings for Creating Interdisciplinary Research Teams
Application due date(s): Standard dates for conferences apply
Expiration date: 1/8/13

Funding Opportunities: Department of Defense

The Fiscal Year 2010 (FY10) Defense Appropriations Act provides \$50 million to the Department of Defense Peer Reviewed Medical Research Program (PRMRP) appropriation to provide support for military health-related research of exceptional scientific merit. This program is administered by the U.S. Army Medical Research and Materiel Command through the Office of Congressionally Directed medical Research Programs (CDMRP). A summary of funding mechanisms, evaluation criteria, and submission requirements can be found in the FY10 PRMRP Programs Announcements. Each Program Announcement is available electronically for downloading from the Grants.gov website: <http://www.grants.gov>, the CDMRP website <http://cdmrp.army.mil/funding/prmrp.htm> and the CDMRP eReceipt website <https://cdmrp.org>.

FY10 PRMRP Topic Areas

All applications for PRMRP funding must specifically and clearly address at least one of the topic areas as directed by Congress, and must have direct relevance to the health care needs of the Armed Forces, their family members, and/or the U.S. veteran population. ***If the proposed research has no relevance to currently advertised PRMRP topic areas, the Government reserves the right to administratively withdraw the application.*** The Government also reserves the right to reassign the application’s topic area if submitted under an inappropriate topic area. The FY10 PRMRP topic areas as provided by Congress are listed below.

Chronic Migraine and Post-traumatic Headache
Dystonia
Drug Abuse
Epilepsy
Fragile X Syndrome
Inflammatory Bowel Disease
Interstitial Cystitis
Listeria vaccine for infectious disease
Melanoma
Lupus
Mesothelioma

Neuroblastoma
Osteoporosis and related bone disease
Paget’s Disease
Pheochromocytoma
Polycystic Kidney Disease
Post-traumatic Osteoarthritis
Scleroderma
Social Work Research
Tinnitus

Funding Opportunities: UB Faculty Fellowship

Civic Engagement Research Fellowship Program 2010/11 - Deadline: Monday, February 22, 2010 at 2:00 p.m.

For 2010-11 opportunities related to this fellowship program have been expanded to include either single course relief or direct research grant support.

Purpose and Eligibility

The Civic Engagement Research Fellowship advances applied research and engaged scholarship that address social and policy challenges. Such research requires collaboration with a non-UB partner, and will confront issues ranging from local to global. The Program supports participatory research proposals that have the potential to evolve into larger studies that not only advance knowledge but will make a difference in the lives of external constituencies. The Program also actively encourages submission of external grant proposals. Proposals are invited from UB full-time faculty members. Fellows will receive a maximum of \$3,500 for either (a) a single course replacement. For application criteria and procedures, please see: http://sphhp.buffalo.edu/research/admin/fyi/CE_research_fellowships_2010-11.pdf

Funding Opportunities: Foundations

Robert Wood Johnson Foundation

Active Living Research (Childhood Obesity) Proposal Deadline: April 14, 2010

Active Living Research is a national program of the Robert Wood Johnson Foundation (RWJF). The program supports research to inform policy and environmental strategies for increasing physical activity among children and adolescents, decreasing their sedentary behaviors and preventing obesity. Special emphasis is placed on strategies with the potential to reach children and youths ages 3 to 18 who are at highest risk for obesity: African-American, Latino, American Indian, Alaska Native, Asian-American and Pacific Islander children, as well as children who live in under-resourced and lower-income communities. Grants funded under this call for proposals (CFP) are expected to advance RWJF's efforts to reverse the childhood obesity epidemic by 2015. This CFP consists of grant opportunities for specified research topics and dissertation awards. For more information, please see: http://rwjf.org/files/applications/cfp/cfp_ALR10.pdf

Funding Opportunities: American Cancer Society

American Cancer Society

Deadline, Review, Notification, and Activation Schedule Grants	Deadline for Receipt of Applications	Peer Review Meeting	Preliminary Notification	Council Meeting	Grantee Notification	Activation
Research Scholar Grant	April 1 October 15	June January	August March	Sept. March	October April	January 1 July 1
Mentored Research Scholar Grant	April 1 October 15	June January	August March	Sept. March	October April	January 1 July 1
Postdoctoral Fellowship	April 1 October 15	June January	August March	Sept. March	October April	January 1 July 1
Institutional Research Grant	April 1	June	August	Sept.	October	January 1

RESEARCH GRANTS FOR INDEPENDENT INVESTIGATORS

Research Scholar Grants in Basic, Preclinical, Clinical, and Epidemiology Research—Support for investigator-initiated research projects in basic, preclinical, clinical and epidemiology research. The maximum award is for 4 years and for as much as \$200,000 per year (direct costs), plus 20% allowable indirect costs.

Research Scholar Grants in Cancer Control and Prevention: Psychosocial and Behavioral Research — Support for investigator-initiated research projects in psychosocial and behavioral research, including epidemiologic approaches to psychosocial and behavioral research. The maximum award is for 4 years and up to \$200,000 per year (direct costs), plus 20% allowable indirect costs.

Research Scholar Grants in Cancer Control and Prevention: Health Services and Health Policy Research—Support for investigator-initiated research projects in health services and health policy research. The maximum award is for 4 years and up to \$200,000 per year (direct costs), plus 20% allowable indirect costs. For application specifics, please see:

http://sphhp.buffalo.edu/research/admin/fyi/ACS_research_grants_2010.pdf

We Need Your Feedback: Revamped RAS Evaluation Form

The RAS Evaluation form has been revised and we are asking all investigators to please complete it upon receipt. Your responses will provide the office with valuable data for monitoring adherence to the School's strategic plan and annual report for CEPH accreditation. It also provides information that will assist in improving services to all SPHHP Principal Investigators. A snapshot of the revised form is provided below:

Evaluation Form

Please take a few minutes to complete this Research Administrative Services (RAS) evaluation. We appreciate your feedback about the assistance we provided for your recent grant/subcontract application.

If you wish to be identified with this evaluation form. Please enter your name here:

Name:	<input type="text"/>					
Email:	<input type="text"/>					
	1 not satisfied	2 somewhat satisfied	3 satisfied	4 very satisfied	5 extremely satisfied	N/A
Initial meeting with RAS staff:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preparation of administrative sections of application:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Development of project budget:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coordination of the collection of application materials from co-investigators and/or subcontractors:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments (Please tell us how we can improve our services!):

Words to live by: "Don't wish it were easier, wish you were better. Don't wish for fewer problems, wish for more skills. Don't wish for less challenges, wish for more wisdom."-- Earl Shoaf

Please email your comments and suggestions to Traci Jackson, jacksont@buffalo.edu 106 Kimball Tower, 829-2375