

Inside this issue:

In the News	1
CSR New Releases	1
Grant Clinic	1-2
Funding Opportunities: NIH	3-4
Extramural Loan Repayment Program Notice	4
Funding Opportunities: Robert Wood Johnson Foundation	4
Awards received with start dates: 1/1/10-6/30/10	5-6
Words to Live By	6

In the News

The April 2010 issue of UB's Impact magazine featured Pavani Ram (Social and Preventive Medicine) in the group of new faculty whose research and scholarly activities are attracting significant attention. For more information, please visit the VPRs website and click on the magazine "Transforming Tomorrow" <http://www.research.buffalo.edu/ovpr/annualreport.cfm>

CSR New Releases

CSR has released new videos: "NIH Peer Review Revealed" and "NIH Tips for Applicants" View the videos: <http://www.csr.nih.gov/video/video.asp>

Read the press release:

<http://www.nih.gov/news/health/june2010/csr-16.htm>

Grant Clinic

THE ROOKIE PI, comments by Morgan Giddings, PhD, *The Principal Investigator Grant Clinic* No. 30, May 24-28, 2010

1. When is the best time to apply for one's first grant?

Reader Question: I have been told by my university that I need to apply for a grant to fund my research, but how do I know when I am ready to do so? How much preliminary data do I need?

Expert Comments: Some claim that you need to have already "done the work" before you can write a grant proposal. Others counsel submitting the preliminary research first. While the latter approach has been used successfully, it is quite problematic for a new faculty member, since they won't have access to a lot of preliminary data.

My first successful R01 proposal as an independent investigator was one for which I already had one paper in the area as an independent scientist, and I had obtained some additional preliminary data subsequent to that. Having the publication in a high-profile journal added to my credibility.

Subsequently, I've had proposals funded without as much preliminary data, but I already had a track record in the field, which to some extent substituted for data.

From these experiences, I can boil it down to a fairly simple rule: Either you should have one or more publications worth of preliminary data, or you should have been working in the field long enough to establish a clear track record.

Most new investigators will be in the first category. If so, do you submit your proposal before having a publication, or do you wait until your article is accepted for a journal?

This will depend on your budgetary situation. But if you have the time, you should wait until acceptance of your first paper gives you the extra credibility of

being an independent investigator. The new NIH rules allow only one resubmission of a proposal that fails to get funded the first time. Therefore you will want to maximize your chances of success the first time. Having an accepted paper helps.

If you are in a situation where you have budgetary pressures causing you to apply for funding before having a published paper, then you should tell a very strong story in the required sections on your background and training, along with what preliminary data you've already acquired.

I estimate that the typical timing on this will be 1.5 to two years from starting up an independent lab, though that will vary. Young investigators often think they can get going quickly (I did!), but just obtaining all the supplies and recruiting good personnel can take six months. Then it often takes six months to a year or more to produce worthwhile data. And for many journals, the publication cycle takes at least another six months after submission, review, revision, re-review, acceptance, and proofing. It is important to keep this long timetable in mind when planning whether and when to apply for funding. If you are getting to within six to eight months of when funding will run out, you may have to go ahead and apply without a publication, as long as you have enough preliminary data that you will be submitting something soon.

For NIH proposals, the new format may assist young investigators. There is no longer an explicit "preliminary results" section into which senior investigators can put reams of data. Instead, the preliminaries are directly incorporated into the "Approach" section, along with the research you will be doing. I suggest that you clearly state each aim, convey what you've already done to prove its feasibility, then present what you will do.

Bottom line: All investigators — rookies and veterans — must market their science and their capabilities very effectively in a grant proposal in order to get funding.

Morgan Giddings, PhD, associate professor of microbiology & immunology, biomedical engineering, and computer science at the University of North Carolina - Chapel Hill. She also advises young scientists on maximizing their career, along with providing a free report on five tips to a successful science career on her blog at: <http://morganonscience.com>.

2. New Investigator question

I self-identified on my grant application as a New Investigator/Early Stage Investigator (ESI), but this designation does not appear when I view the grant folder in the NIH Commons. How can I correct the information?

For applications submitted for or after February 5, 2009, individuals are identified as new investigators based on a search of prior award history. The parameters for identifying New Investigators are described in the definition of New Investigator that appears on the [New Investigator Webpage](#). New Investigator status is not dependent on the Check Box on the face page of the application. In the relatively near future, the New Investigator Check Box will be removed from the face page of the grant application form. For those individual identified as New or Early Stage Investigators (ESI), that classification will be assigned to R01 and DP2 applications that are submitted during the period of eligibility. ESI status is based on the time since the terminal research degree or the end of clinical residency as described on the New Investigator Webpage.

Note that New Investigator/ESI status will not appear on Exploratory/Developmental Grants (R21), Smalls Grants (R03), AREA (R15) applications; NIH Challenge Grants (RC1), Grand Opportunities (RC2), etc. Special review and funding considerations associated with New Investigator and ESI status only apply to R01s and DP2s.

For more information see: http://grants.nih.gov/grants/new_investigators/resources.htm



Funding Opportunities: NIH

RFA (Request for Applications)

RFA-ES-10-002 (R01)

Epigenomics of Human Health and Disease
Application due date(s): 9/29/10
Expiration date: 9/30/10

RFA-RM-10-008 (DP1)

2011 NIH Director's Pioneer Award Program
Application due date(s): 9/13/10
Expiration date: 9/14/10

RFA-ES-10-004 (R01)

Outstanding New Environmental Scientist Award (ONES)
Application due date(s): 10/29/2010
Expiration date: 10/30/10

PAR (Program Announcement Reviewed by an Institute)

PAR-09-136 (K01)

Promoting Careers in Aging and Health Disparities Research
Application due date(s): Standard dates apply
Expiration date: 5/8/12

PAR-09-050 (K08)

NCI Mentored Clinical Scientist Research Career Development Award to Promote Diversity
Application due date(s): Standard dates apply
Expiration date: 1/8/12

PAR-09-139 (R21)

NIOSH Exploratory and/or Developmental Grant Program
Application due date(s): Standard dates apply
Expiration date: 9/8/12

PAR-10-133 (R01)

Understanding and Promoting Health Literacy
Application due date(s): Standard dates apply
Expiration date: 5/8/13

PAR-10-136 (R01)

Behavioral and Social Science Research on Understanding and Reducing Health Disparities
Application due date(s): 9/14/10, 1/11/11, 5/11/11, 9/14/11, 1/11/12, 5/11/12, 9/14/12, 1/14/13, 5/11/13
Expiration date: 5/12/13

PAS (Program Announcement with Set-aside funds)

PAS-10-226 (R21)

Advancing Novel Science in Women's Health Research (ANSWHR)
Application due date(s): 10/16/10, 10/16/11, 10/16/12

for new applications; 11/16/10, 11/16/11, 11/16/12 for re-submission AIDS application due date(s): 1/7/11, 1/7/12, 1/7/13

Expiration date: 1/8/13

Program Announcement (PA) R01s

PA-08-167 (R01)

Secondary Analysis of Existing Alcohol Epidemiology Data
Application due date(s): Standard dates apply
Expiration date: 9/8/11

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-10-152 (R01)

Diet Composition and Energy Balance
Application due date(s): Standard dates apply
Expiration date: 5/8/13

PA-10-158 (R01)

Research on Autism and Autism Spectrum Disorders
Application due date(s): Standard dates apply
Expiration date: 5/8/13

PA-10-179 (R01)

Aging Studies in the Pulmonary System
Application due date(s): Standard dates apply
Expiration date: 5/8/13

Program Announcement (PA) R21s

PA-09-244 (R21)

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

PA-10-028 (R21)

Obesity Policy Research: Evaluation and Measures
Application due date(s): Standard dates apply
Expiration date: 1/8/13

PA-09-047 (R21)

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

PA-08-125 (R21)

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

Funding Opportunities: NIH continued

Program Announcement (PA) R21 (continued)

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-10-069 (R21)

NIH Exploratory Developmental Research Grant Program

Application due date(s): Standard dates apply

Expiration date: 1/8/13

PA-10-102 (R21)

Alcohol Use Disorders: Treatment, Services Research and Recovery

Application due date(s): Standard dates apply

Expiration date: 5/8/13

Program Announcements (K) Career Development

PA-10-057 (K02)

Independent Scientist Award

Application due date(s): Standard dates apply

Expiration date: 1/8/13

PA-10-059 (K08)

Mentored Clinical Scientist Research Career Development Award

Application due date(s): Standard dates apply

Expiration date: 1/8/13

PA-10-060 (K23)

Mentored Patient-Oriented Research Career Development Award

Application due date(s): Standard dates apply

Expiration date: 1/8/13

PA-10-063 (K99/R00)

NIH Pathway to Independence Award

Application due date(s): Standard dates apply

Expiration date: 1/8/13

Notice Number: NOT-OD-10-108

Extramural Loan Repayment Program for Health Disparities Research (LRP-HDR): Program Specific Information

Application Period: Annually: from **September 1** through **November 15**, at 8:00 PM EST.

For more information: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-108.html>

Funding Opportunities: Robert Wood Johnson Foundation

Robert Wood Johnson Foundation Invites Applications for Health & Society Scholars Program

The Robert Wood Johnson Foundation Health & Society Scholars program provides two years of support to postdoctoral scholars at all stages of their careers to help build the United States' capacity to address the multiple determinants of population health through research and leadership. The program is based on the principle that progress in the field of population health depends on multidisciplinary collaboration and exchange. The program's goal is to investigate the connections among biological, genetic, behavioral, environmental, economic, and social determinants of health, and develop, evaluate, and disseminate knowledge, interventions, and policies that integrate and act on these determinants to improve health.

To be eligible, scholars must have completed their doctoral training by the time of entry into the program (August or September 2011) 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, engineering, and ethics. Applicants must have significant research experience, connect their research interests to substantive population health concerns, and be citizens or permanent residents of the United States or its territories. Up to eighteen scholars will be selected for two-year appointments beginning in the fall of 2011. Scholars will each receive an annual stipend of \$89,000. Visit the RWJF Web site for complete program guidelines.

Contact: <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21001>

Awards Received with Start Dates between 1/1/10 and 6/30/10

At 6-month intervals, we wish to 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 between 1/1/10 and 6/30/10:

PI	Department	Title	Sponsor
Alan Hutson	Biostatistics	Host Genes that Control Lymphocyte Infiltration of Tumors	HRI
Lara Sucheston	Biostatistics	DNA Methylation: A Mechanism for Aggressive Breast Cancer in African-American Women	HRI
Lara Sucheston	Biostatistics	MicroRNAs: Novel Breast Cancer Susceptibility Factors in Caucasian and African-American Women	HRI
Gregory Wilding	Biostatistics	PDT Mechanisms and Strategies for Optimization; CORE C	HRI
Randolph Carter	Biostatistics	Early Childhood Outcomes (ECO) Data System Development	NYS Department of Health
Jeffrey Miecznikowski	Biostatistics	ARRA: ST6GAL-1 Sialyltransferase in Allergic Airway Inflammation	HRI
Jeffrey Miecznikowski	Biostatistics	Biomarkers for the Progression of Head and Neck Squamous Cell Carcinoma	HRI
Sumana Silverheels	Center for Assistive Technology	Western New York Regional TRAIID Center	NYS Commission on Quality Care and Adv for Persons with Disabilities
Sumana Silverheels	Center for Assistive Technology	ARRA: Adaptive Equipment Loan Project for CBVH	NYS Office of Children and Family Services
Christine Oddo	Center for Assistive Technology	ARRA: CBVH Innovative Employment and Training Program: Center for Assistive Technology - Innovative Scoping	NYS Office of Children and Family Services
Christine Oddo	Center for Assistive Technology	NYS Office of Child and Family Services Commission for the Blind and Visually Handicapped Assistive Technology	NYS Office of Children and Family Services
Gasper A. Farkas	Exercise and Nutrition Sciences	Does Sleep Apnea Exacerbate Respiratory Muscle Dysfunction in Muscular Dystrophy?	Nat'l Inst. of Arthritis Musculoskeletal and Skin Diseases/NIH
John Wilson	Exercise and Nutrition Sciences	Vitamin C in Polymicrobial Sepsis	Nat'l Center for Complementary & Alternative Medicine/NIH

Continued on next page

Awards Received with Start Dates between 1/1/0 and 6/30/10 continued

PI	Department	Title	Sponsor
John Wilson	Exercise and Nutrition Science	ARRA: Vitamin C in Polymicrobial Sepsis	Nat'l Center for Complementary & Alternative Medicine/NIH
Joan Dorn	Exercise and Nutrition Science	Western New York Wellness Works	NYS Department of Health
Gary Giovino	Health Behavior	Memorandum of Understanding with the CDC Foundation for Work on the Global Adult Tobacco Survey	National Foundation for the Centers of Disease Control
Lynn Kozlowski	Health Behavior	Smoking Topography and Harm Exposure in a New Prep	University of Pennsylvania
R. Lorraine Collins	Health Behavior	AARA: Malt Liquor and Marijuana Factors in their Concurrent versus Separate Use	Natl. Inst. on Alcohol Abuse and Alcoholism/NIH
James Lenker	Rehabilitation Sciences	Consortium for Assistive Technology Outcomes Research (CATOR) II	Duke University
Jo Freudenheim	Social and Preventive Medicine	Interdisciplinary Training in Cancer Epidemiology at UB	Natl. Cancer Institute/NIH
Heather Ochs-Balcom	Social and Preventive Medicine	Search for Novel Breast Cancer Susceptibility Genes in Pedigrees of African Ancestry	Susan G. Komen Breast Cancer Foundation
Amy Millen	Social and Preventive Medicine	Vitamin D Status and Periodontal Disease	Natl. Inst. of Dental and Cranio-facial Research/NIH

*Health Research Foundation, Roswell Park Cancer Institute

Congratulations to all of our award recipients!



Words to Live By: "Many of life's failures are people who did not realize how close they were to success when they gave up."-- Thomas Edison

Please email your comments and/or suggestions to: jacksont@buffalo.edu