

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

WEBSITE: <http://medschool.umaryland.edu/career>

January 2015

The Research Career Development Program (RCD) offers workshops, classes and seminars in subjects that are critical to an academic research career, including Grant Writing, Publishing Your Research and Identifying Funding Sources for Your Research. In addition, we offer symposia in Scientific Leadership & Professional Development. To view the workshop calendar, workshop descriptions, funding sources, grant deadlines etc., please visit: <http://medschool.umaryland.edu/career/>.

## Research Skills Workshops

### Center for Innovation Biomedical Resources (CIBR) Core Technologies: Imaging facilities resources for SOM investigators

Wednesday, January 14  
8:30 - 9:30am

660 W. Redwood Street, Howard Hall Room 450

You are invited to learn about three key imaging facilities available to UMB investigators for their research: The **Core for Translational Research in Imaging @ Maryland (C-TRIM)**, the **Electron Microscopy Core Imaging Facility**, and the **Confocal Microscopy Facility**. These facilities provide specialized and high-end instrumentation not typically available to individual labs, covering a broad range of imaging applications from single molecules to whole animals to humans. Expert staff are available to perform experiments and to provide training for researchers on campus. This presentation will provide an overview of the available resources, their capabilities, and how to access them.

#### Speakers:

##### **Rao Gullapalli, PhD, MBA**

*Professor, Diagnostic Radiology and Nuclear Medicine, UMSOM*

##### **Ru-Ching Hsia, PhD**

*Associate Professor, Department of Neural and Pain Sciences, UMSOD and adjunct faculty in the Department of Microbiology and Immunology in UMSOM*

##### **Thomas Blanpied, PhD**

*Associate Professor, Department of Physiology, UMSOM*

Registration required online at: <http://registrationrcdp.eventbrite.com>

### Funding Opportunities through the VA

Friday, January 16  
9:00 - 10:30am

SMC Campus Center, Room 349 (621 W. Lombard Street)

The VA offers a number of funding opportunities available to faculty. This seminar will introduce participants to the various types of grant applications available through the VA, including eligibility requirements, tips for applying, and insights into the review process. Recent VA awardees will also share their personal experiences with applying and receiving a VA award.

#### Speakers:

##### **Miriam Smyth, PhD**

*Deputy Associate Chief of Staff for Research and Development, VA Maryland Health Care System*

##### **Mary-Claire Roghmann, MD, MS**

*Professor of Epidemiology and Public Health, UMSOM and Research Health Scientist, Staff Physician and Associate Hospital Epidemiologist, VA Maryland Health Care System*

Registration is required online: <http://registrationrcdp.eventbrite.com>

### Publish, Don't Perish! How to Write and Publish a Biomedical Research Paper Workshop

Thursday, January 22  
9:00- 3:00pm

SMC Campus Center, Room 210 (621 W. Lombard Street)

This workshop consists of morning talks, followed by afternoon work sessions, on writing a peer-reviewed paper. The workshop is targeted to all residents, fellows, grads, postdocs and junior faculty with an interest in learning tips for writing and publishing a scientific research paper. Subjects that will be addressed include: Understanding the Structure and Content of a Research Article (Introduction, Methods, Results and Discussion); Tips for Effective Writing; Successfully Navigating the Publication Process; and Ethical Considerations. [A light breakfast and networking luncheon are included.](#)

Participants have the opportunity to participate in 2 small group interactive sessions in the afternoon. Participants are encouraged to submit the relevant piece of their research paper one week prior to the workshop. For example, if participants wish to discuss their response to the reviewer, they are asked to submit their draft by Jan 15. Similarly, if participants wish to receive feedback on their abstract, a table/figure of their choice or, for the scientific editing table, the Introduction to their paper, they must submit their drafts by Jan 15. Additional information on the process for submission will be provided closer to the workshop date.

Registration is required online: <http://registrationrcdp.eventbrite.com>

### The Responsibilities of the Principal Investigator in Clinical Research

Tuesday, January 27  
9:00 - 10:30am

SMC Campus Center, Room 210 (621 W. Lombard Street)

#### Speaker

##### **Robert Edelman, MD, FACP**

*Clinical Professor of Medicine and Pediatrics, UMSOM  
Director, Clinical Research Training and Mentoring Program, UMB.  
Associate Director for Regulatory Affairs & Bioethics, CVD*

Dr. Edelman will provide a more practical, "hands on" summary of the many responsibilities of a Principal Investigator conducting clinical research. After a brief review of fundamental ethical guidelines, he will discuss how to establish a research team, ensure compliance with regulatory requirements, recruit and consent participants and ensure their well-being, manage study conduct and study data, and report the results.

Registration is required online: <http://registrationrcdp.eventbrite.com>

## Identifying Funding Sources for Postdocs

Thursday, January 29

9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, *Research Information Specialist*, will assist postdocs in identifying non-NIH sources of funding for their research. Topics will include:

- Comprehensive introduction to various funding resources, including searchable databases and useful websites
- Interactive demonstration using funding databases
- Helpful tips for identifying sources of funding

Registration required online at: <http://registrationrcdp.eventbrite.com>

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## Identifying Funding Sources for Faculty

Friday, January 30

9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, *Research Information Specialist*, will assist faculty in identifying non-NIH sources of funding for their research. Topics will include:

- Comprehensive introduction to various funding resources, including searchable databases and useful websites
- Interactive demonstration using funding databases
- Helpful tips for identifying sources of funding

Registration required online at: <http://registrationrcdp.eventbrite.com>

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## Getting Promoted in an Academic Medical Institution

Monday, March 2

9:00 - 10:00am

SMC Campus Center, Room 210 (621 W. Lombard Street)

Dr. Mary-Claire Roghmann, Professor of Epidemiology and Public Health and current Chair of the School of Medicine APT Committee, will give an overview of the SOM promotions process, explaining how various factors are evaluated by the APT Committee.

Registration required online at: <http://registrationrcdp.eventbrite.com>

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## How to Write a Career Development (K) Award

Friday, April 10

9:00 – 12:00pm

SMC Campus Center, Room 210 (621 W. Lombard Street)

This workshop is intended for new/junior faculty and senior postdocs who are actively working on a draft of a career development (K) award. The workshop focuses on writing an NIH K award, although the majority of information is relevant to other types of career development awards. The workshop will cover both the candidate sections of a K award (personal statement, career goals & objectives, career development plan) and the Research Strategy (Specific Aims, Significance, Innovation, Approach). In addition, the workshop will explain the NIH review criteria for a K award, focusing on how to address these within the application.

Registration required online at: <http://registrationrcdp.eventbrite.com>

## Working Effectively with a Biostatistician

Tuesday, May 5

9:00 – 10:00am

HSFII Auditorium, 20 Penn Street, 1<sup>st</sup> floor

The role of a statistician in quantitative biomedical research is fundamental. This seminar is intended to help investigators understand this role and establish an effective working relationship with a biostatistician. We will discuss how the statistician can help with the design and conduct of research, from refining the initial concept all the way to the analysis and interpretation of study outcomes.

Get answers to some frequently asked questions: When to enlist the help of a statistician? Which aspects of developing a research proposal/grant/manuscript can a statistician help with? How to find a statistician? *And* how to pay for his/her services?

### Speaker:

**Soren M. Bentzen, Ph.D., D.M.Sc.**

Professor, Director of the Division of Biostatistics and Bioinformatics, Director of the UM Greenebaum Cancer Center Biostatistics Shared Service, Departments of Epidemiology and Public Health and Radiation Oncology, UMSOM

Registration required online at: <http://registrationrcdp.eventbrite.com>

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## NEW: PEER ACCOUNTABILITY GROUPS TO INCREASE WRITING PRODUCTIVITY

The SWAG program is designed as a peer accountability/support program to increase writing productivity among junior faculty who often find it difficult to find time to write. This program does not provide instruction in scientific writing, although some helpful written materials are included. Rather, this program is based on the premise that small groups of faculty who want to increase their writing productivity can achieve this by a program of regularly scheduled, structured meetings with their peers.

Each SWAGS session consists of 10 one-hour weekly meetings. Participants must commit to participate in a minimum of 7 of the 10 sessions. Each session is one hour in length, with the first 15 minutes consisting of participants' identification of goals; one half hour of writing; 15 minute wrap up, including goals for coming week. In addition to attendance at weekly sessions, SWAGS participants keep track of their daily writing, and are encouraged to interact with the group on a regular basis. In summary, SWAGS is not a program of formal instruction regarding writing a research paper, but is a peer accountability group designed to increase productivity via weekly structured meetings, in addition to regularly scheduled writing blocks.

The SWAGS program is being used at several major medical institutions, including Johns Hopkins. The data which have been reported on the results of this program are very favorable, reflecting marked increases in the quantity and quality of writing by junior faculty participants. Thus, several months ago, we developed our first SWAGS group at SOM, and this group has also documented significant increases in the number of publications submitted. Based on the success of the pilot, including the enthusiasm of its members, who have elected to continue meeting, we are forming new SWAGS groups.

During the first session, **Wendy Sanders, M.A.**, *Assistant Dean for Research Career Development* and **Stacie Mendoza**, *Research Information Specialist*, will provide an orientation to the SWAGS program, and will provide program material.

If you are interested in participating in a future SWAGS session, please contact **Stacie Mendoza** at [ssmall@som.umaryland.edu](mailto:ssmall@som.umaryland.edu) and let her know a few days/times that would work for you as additional SWAGS sessions are continuously being formed.

## Individual Consultations

### GRANT WRITING/SUMMARY STATEMENT REVIEW CONSULTATIONS

**Wendy Sanders, MA**, *Assistant Dean* for Research Career Development, is available to meet with junior faculty regarding how to plan, organize, write and revise a research grant application, including how to address summary statements. To schedule an appointment with Ms. Sanders, email: [wsanders@som.umaryland.edu](mailto:wsanders@som.umaryland.edu)

### FUNDING SOURCE CONSULTATIONS

**Stacie Mendoza**, *Specialist, Research Information* for Research Career Development, assists junior faculty and postdocs with identifying sources of funding for their research including how to navigate the NIH funding database. To schedule an appointment with Ms. Mendoza, email: [ssmall@som.umaryland.edu](mailto:ssmall@som.umaryland.edu)

## Funding Opportunities ~ Upcoming Deadlines

**AMERICAN INSTITUTE FOR CANCER RESEARCH (AICR)**  
Research on cancer prevention, treatment and survival through food, nutrition, physical activity and weight management (body fatness).  
**LOI DUE:** January 26, 2015

**WEBSITE:**  
[http://www.aicr.org/research/grant/research\\_funded\\_grant\\_programs.html](http://www.aicr.org/research/grant/research_funded_grant_programs.html)

**INTERNATIONAL ANESTHESIA RESEARCH SOCIETY**  
Frontiers in Anesthesia Research Award

**DEADLINE:** January 30, 2015

**WEBSITE:** <http://www.iars.org/awards/frontiers/>

### **BD Biosciences**

Stem Cell Research Grants

**DEADLINE:** January 31, 2015

**WEBSITE:**  
[http://www.bdbiosciences.com/research/grant/apply/stem\\_cell.jsp](http://www.bdbiosciences.com/research/grant/apply/stem_cell.jsp)

### **PhRMA FOUNDATION**

Research Starter Grants (Health outcomes)

**DEADLINE:** February 1, 2015

**WEBSITE:**  
[http://www.phrmafoundation.org/index.php?option=com\\_award&task=sdetail&id=16](http://www.phrmafoundation.org/index.php?option=com_award&task=sdetail&id=16)

### **PARALYZED VETERANS OF AMERICA (PVA)**

Paralyzed Veterans of America Education Foundation helps develop tools that share spinal cord injury and disease (SCI/D) knowledge and improve the lives of those with SCI/D.

**DEADLINE:** February 1, 2015

**WEBSITE:**  
[http://www.pva.org/site/c.ajIRK9NJLcJ2E/b.6305829/k.6E40/PVA\\_Education\\_Foundation.htm](http://www.pva.org/site/c.ajIRK9NJLcJ2E/b.6305829/k.6E40/PVA_Education_Foundation.htm)

### **2015 JHU-UMD Diabetes Research Center (DRC)**

The Pilot and Feasibility (P and F) Program, directed by Dr. Sally Radovick, of the JHU-UMD Diabetes Research Center (DRC) is seeking applications to support new initiatives in diabetes-related biomedical, epidemiological or behavioral research. The JHU-UMD DRC is an NIH-funded joint-venture between the Johns Hopkins University, University of Maryland and Howard University School of Medicine. It is composed of Cores that are designed to support research in diabetes and related endocrine and metabolic diseases.

For more information, contact **Stacie Mendoza** at [ssmall@som.umaryland.edu](mailto:ssmall@som.umaryland.edu)

**DEADLINE:** February 6, 2015

### **GLOBAL PROBIOTICS COUNCIL**

Young Investigator Grant for Probiotics Research

**DEADLINE:** February 10, 2015

**WEBSITE:** <http://www.probioticsresearch.com/grantprogram.asp>

More funding opportunities can be found at:

<http://medschool.umaryland.edu/career/deadlines.asp>