

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

February 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

Scientific Writing Accountability Group (SWAG) Information Session

Tuesday, February 10
9:00 – 10:00am

660 West Redwood Street, Howard Hall 450

If one of your New Year's resolutions is to increase your writing productivity, we hope you'll join us for an information session about a new program, the Scientific Writing Accountability Group (SWAG). This program consists of 10 regularly scheduled one hour sessions, during which small groups of participants commit to working on their scientific writing. It is based on the premise that junior faculty often find it difficult to find the time to write, and that by joining a group of their peers and engaging in writing on a regular schedule, productivity increases.

The Research Career Development Program initiated the SWAG program about 6 months ago, and participants have reported a significant increase in their writing productivity, including manuscripts submitted for publication. Based on the positive results of the first SWAG groups, we are now initiating new groups. In order to provide interested faculty with an overview of the program, we are holding an information session on Tuesday, February 10, from 9 – 10 a.m. in Howard Hall 450.

During this information session, **Wendy Sanders, M.A.** *Assistant Dean for Research Career Development* and **Stacie Mendoza, Research Information Specialist**, will explain how the program functions. In addition, several members of current SWAGs will explain the program from participants' perspectives, sharing their experiences re: how participation in a SWAG increased their writing productivity. This information session will also provide interested faculty with the opportunity to sign up for a SWAG group.

Please join us to learn more about SWAGs as we are forming new groups!

NOTE: Postdocs are welcome to attend this information session as the Office of Postdoctoral Scholars is also forming groups.

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

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If you are interested in participating in a future SWAG, 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.

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

Tuesday, February 17  
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>

### Tips for Writing an NIH R03/R21 Grant Application

Friday, February 20  
12:00 – 2:30pm

685 W. Baltimore Street, MSTF Building, Room 316

The NIH offers two grant mechanisms to support the early stages of project development: the R03 (Small Research Grant) and the R21 (Exploratory Development Research Grant). These two mechanisms, both of which support up to 2 years of research, are often useful as a stepping stone to an R01. While the R03 supports small research projects that can be carried out in a short period of time with limited resources, the R21 supports exploratory, novel studies that are high risk, but which have the potential for high reward. This workshop focuses on strategies for determining when to use one of these mechanisms, as well as tips for writing a successful R03/R21.

Please note: The NIH often targets these mechanisms to established investigators. While some R03s and R21s are awarded to junior faculty, the majority of these awards are made to senior faculty (Associate Professor/Professor).

Participants are welcome to bring their lunch to this workshop. Coffee will be provided.

#### Instructor:

**Wendy Sanders, MA**

*Assistant Dean Research Career Development*

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

## Identifying Funding Sources for Postdocs

Tuesday, February 24

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>

## Identifying Funding Sources for Faculty

Thursday, February 26

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>

## 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>

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

Friday, April 10

8:30 – 11:30am

660 W. Redwood Street, Howard Hall Room 450

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>

## 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

### **BIRCWH K12 PROGRAM** (*INSTITUTIONAL FUNDING*)

The Maryland's Organized Research Effort in Women's Health (MORE-WH), and the Building Interdisciplinary Research Careers in Women's Health (BIRCWH) K12 program is now accepting applications from early career researchers in women's health.

**ELIGIBILITY:** Eligible candidates must 1) Have a clinical doctorate or Ph.D. degree or its equivalent;

2) Have completed any postgraduate training normally expected for a faculty appointment in their field (including clinical or postdoctoral fellowship training, or residency if they have chosen not to subspecialize);

3) Have no more than six years of research or research training experience beyond their last doctoral degree

However, in order to accommodate the needs of those interested in participating in this program that may have had a career hiatus because of family responsibilities, uniformed service, etc., there is no limit on time elapsed since completion of training. (*See website for more requirements*)

**DEADLINE:** March 1, 2015

**WEBSITE:**

[http://medschool.umaryland.edu/womenshealth/bircwh\\_app.asp](http://medschool.umaryland.edu/womenshealth/bircwh_app.asp)

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### **AMERICAN SOCIETY OF REPRODUCTIVE MEDICINE**

2015 Research Grants Program for Junior Investigators

**ELIGIBILITY:** Principal Investigator (PI) must

1) Have earned an M.D. and/or Ph.D. and/or D.O. and/or D.V.M. degree or their equivalents. 2) Be an independent investigator who has completed his/her training and has a full-time faculty/research staff appointment as of July 1, 2015; note that clinical and research students, residents, fellows and postdoctoral trainees are not eligible. 3) Have been an active or associate member of ASRM since at least July 1, 2014.

**DEADLINE:** March 2, 2015

**WEBSITE:** [http://www.asrm.org/ASRM\\_Research\\_Grants/](http://www.asrm.org/ASRM_Research_Grants/)

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### **AMERICAN CANCER SOCIETY**

Research Scholar Grants

**ELIGIBILITY:** Independent investigators in the first six years of an independent research career or faculty appointment

**DEADLINES:** April 1, 2015 and October 15, 2015

**WEBSITE:**

<http://www.cancer.org/research/applyforaresearchgrant/granttypes/research-scholar-grants>

### **THE DOCTORS COMPANY FOUNDATION (TDCF)**

Supports patient safety education for health care professionals in training and in practice, patient safety research with clinically useful applications, and medical professional liability research.

**ELIGIBILITY:** Non-profit organizations (*See website for more details*)

**DEADLINES:** April 1, 2015

**WEBSITE:** <http://www.tdcfoundation.com/Apply/index.htm>

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### **WHITEHALL FOUNDATION**

The Foundation is currently interested in basic research in neurobiology, defined as follows: Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.

**ELIGIBILITY:** The principal investigator must hold no less than the position of assistant professor, or the equivalent, in order to participate in the application process. The applicant need not be in a tenure track position but must be an independent researcher and have Principal Investigator status at his/her institution, usually construed as having lab space independent of another Principal Investigator.

**LOI DUE:** January 15, 2015 and April 15, 2015

**APPLICATION DUE:** September 1, 2015

**WEBSITE:** <http://www.whitehall.org/grants/>

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### **MARCH OF DIMES**

Research Grants (*Birth Defect Research*)

**ELIGIBILITY:** Qualified scientists with faculty appointments or the equivalent, at universities, hospitals and research institutions (not for profit or profit).

**LOI DUE:** April 30, 2015

**FULL APPLICATION DUE:** September 15, 2015

**WEBSITE:**

<http://www.marchofdimes.org/materials/research-program-request-for-proposals.pdf>

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More funding opportunities can be found at:  
<http://medschool.umaryland.edu/career/deadlines.asp>