

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

May 2017

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 on professional skills development, including 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

### Research Mentoring: Getting the Most from Your Mentoring Experiences

Thursday, May 4  
9:00 – 11:00am

621 W. Lombard Street, SMC Campus Center, Room 351

Good mentoring is a key aspect of a successful research career. Therefore it is important to identify the most appropriate mentor(s), as well as to understand how to develop a successful mentoring relationship. This new workshop is intended to help participants maximize their mentoring relationships by focusing on 4 crucial aspects of mentoring: 1) the role of a mentor in a research career; 2) tips for mentees to receive the best mentoring; 3) transitioning from mentee to mentor: how to mentor your first graduate student or postdoc; and 4) addressing challenges in the mentor-mentee relationship. **NOTE: Continental breakfast will be provided.**

#### Speakers:

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

Professor, Department of Epidemiology and Public Health  
Associate Dean for Physician Scientist Training and Trans-disciplinary Research Advancement, UMSOM

##### Wendy Sanders, MA

Associate Dean for Research Career Development, UMSOM

##### Tonya Webb, PhD

Associate Professor, Department of Microbiology & Immunology,  
UMSOM

#### Panelists:

##### Anthony D. Harris, MD, MPH

Professor, Department of Epidemiology and Public Health  
Division Head, Health Care Outcomes Research, UMSOM

##### Miriam K. Laufer, MD

Associate Professor, Department of Pediatrics  
Director of the Division of Malaria Research In the Institute of Global Health & Associate Director of Institute of Global Health, UMSOM

##### Stuart S. Martin, PhD

Professor, Department of Physiology  
Marlene & Stewart Greenebaum NCI Comprehensive Cancer Center,  
UMSOM

##### Braxton D. Mitchell, PhD, MPH

Professor, Department of Medicine  
Vice Chair for Research, Division of Endocrinology, Diabetes & Nutrition,  
UMSOM

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

### Research Impact Workshop

Tuesday, May 9  
9:00 – 10:00am

660 W. Redwood Street, Howard Hall Room 450

Are you seeking promotion or tenure? Applying for grant funding? In this workshop, you will learn to use tools like Web of Science and Scopus to measure and evaluate the impact of your research to present to funding agencies and promotion and tenure committees. Topics discussed include journal impact factor, h-index, alternative metrics, and methods for maximizing the impact of your research.

**Speaker:** Andrea Goldstein Shipper, MSLIS, Research, Education and Outreach Librarian, HS/HS Library, UM

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

### Are you Ready to Write an R01?

Thursday, May 18  
9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

Faculty often have questions about whether they are competitive or “ready” to write an R01, especially if it is their first R01. The purpose of this session is to identify and discuss some essential considerations in determining “readiness” to submit an R01. Some of these considerations include the following: 1) planning aspects of an R01, including how to determine where your proposed research fits at the NIH; 2) determining the amount of preliminary data needed to compete for an R01; 3) assessment of the PI’s “Contributions to Science” in the biosketch; 4) understanding the new NIH requirements for “Rigor & Reproducibility” and where to place these, etc. This session will consist of a 40 minute talk, given by **Wendy Sanders, MA**, Associate Dean for Research Career Development, followed by a discussion of participants’ individual questions/concerns.

If you have particular questions about your readiness to submit an R01, you are encouraged to email these questions directly to Wendy prior to the session. [WSanders@som.umaryland.edu](mailto:WSanders@som.umaryland.edu)

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

### Department of Defense (DOD) Funding Seminar

Tuesday, May 23  
9:00 – 10:00am

621 W. Lombard Street, SMC Campus Center, Room 351

The DOD offers a number of funding opportunities available to faculty and postdocs. This seminar will introduce participants to the various types of grant applications available through the DOD. Subjects will include how to identify the appropriate award mechanism, tips for applying, and insights into the review process.

#### Speakers:

##### Gary Fiskum PhD

M. Jane Matjasko Professor for Research and Vice Chair, Research,  
Department of Anesthesiology, UMSOM

##### Mohammad Minhaj Siddiqui MD

Assistant Professor, Department of Surgery, UMSOM  
Director of Urologic Robotic Surgery; Chief of Urology,  
Baltimore VA Medical Center

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

## Maintaining Morale and Succeeding in Research During Difficult Times

Friday June 2  
12:00 – 1:00pm

685 W. Baltimore Street, MSTF Building, Room 316

The process of becoming an independent investigator is challenging, requiring investigators to balance numerous competing needs, including the need to publish, obtain funding, have time for research, and more. These challenges increase when the funding rate is low or unpredictable. Early stage faculty often have questions about strategies for getting funded, including when to apply for funding and how many grant opportunities to pursue. The challenges inherent in getting funded are also relevant to getting published, often leading early stage investigators to have questions about how many research projects to pursue, and how to find time to write about their research. The need to balance the multiple facets of an academic research career while also having time for a personal life, can be daunting. Often early stage faculty are uncertain about how to balance competing needs; therefore, *a primary focus of this session is to help identify strategies to manage competing professional demands, while also leaving time for personal interests.*

This session will provide tools for identifying short and long term research and career goals, and will also identify resources and strategies that can help investigators achieve these goals

This session will consist of a half hour talk, followed by a half hour discussion based on participants' interests and concerns. This session will include a maximum of 10 participants, in order to ensure that all participants have the opportunity to discuss their own questions and concerns. **NOTE: Lunch will be provided.**

### Speakers:

**Wendy Sanders, MA,**

*Associate Dean, Office for Research Career Development, UMSOM*

**Stacie Mendoza**

*Research Support Specialist, Office for Research Career Development, UMSOM*

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

## Hiring the Right Team for Your Lab

Tuesday, June 13  
9:00 - 10:00am

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

The ability to carry out successful research requires identifying and hiring the right scientists. Often early stage scientists don't have experience or knowledge of how to staff their research project or lab. The purpose of this session is to provide information about the following key aspects of successful staffing for researchers: 1) How to identify the right people for your lab, including graduate students, postdocs, and staff 2) How to recruit and screen applicants 3) How to structure interviews to determine the best candidates.

**Speaker: Achsah D. Keegan, PhD,** *Professor of Microbiology and Immunology, UMSOM*

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

## Identifying Funding Sources for Postdocs

Thursday, June 15  
9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, *Research Support 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

Friday, June 16  
9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, *Research Support 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>

## Funding Success at the National Science Foundation (NSF) Tips for Identifying the Right Funding Opportunity and Applying to the NSF

Tuesday, July 25  
10:00 – 11:00am

621 W. Lombard Street, SMC Campus Center, Room 351

This seminar will focus on grantsmanship and funding opportunities offered by the National Science Foundation (NSF). Major subjects will include: The NSF's mission; Elements of a competitive NSF proposal; Identifying the right NSF funding opportunity; Requirements for specific NSF funding mechanisms; How to apply; and NSF Review Process.

Guest Speaker:

**Edda (Flo) Thiels, PhD,** Program Director, Neural Systems Cluster, National Science Foundation

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

## Individual Consultations (RCD)

### GRANT WRITING/SUMMARY STATEMENT REVIEW CONSULTATIONS

**Wendy Sanders, MA,** *Associate 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,** *Research Support Specialist* 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: [smendoza@som.umaryland.edu](mailto:smendoza@som.umaryland.edu)

## Funding Opportunities ~ Upcoming Deadlines

### DIACOMP

DiaComp Pilot and Feasibility Program  
Diabetic complications and promote communication and collaboration between investigators involved in complications research.

**ELIGIBILITY:** Full-time faculty members at an academic institution.

**DEADLINE:** June 12, 2017

**WEBSITE:**

<https://www.diacomp.org/shared/pilotFeasibility.aspx>

### CAREFIRST

#### Community Grants

Focus Areas:

- 1) Improving Maternal and Child Health
- 2) Expanding Access to Behavioral Health
- 3) Empowering the Region's Safety Net Clinics
- 4) Addressing the Region's Shortage of Nurses; and
- 5) Promoting the Patient-Centered Medical Home Concept

**ELIGIBILITY:** Local, non-profit organizations

**DEADLINE:** June 30, 2017

**WEBSITE:**

<http://www.carefirstcommitment.com/html/index.html>

### BURROUGHS WELLCOME FUND

Investigators in the Pathogenesis of Infectious Disease

**ELIGIBILITY:** Investigators at the assistant professor level to study pathogenesis, with a focus on the interplay between human and microbial biology

**PRE-PROPOSAL DUE:** July 14, 2017

**FULL PROPOSAL DUE:** November 15, 2017

**WEBSITE:** <http://www.bwfund.org/grant-programs/infectious-diseases/investigators-in-pathogenesis-of-infectious-disease>

### NIH Opens Applications for Common Fund High-Risk, High-Reward Research Awards

The NIH opened applications for the NIH Director's Common Fund high-risk, high-reward research awards, including the [Transformative Research Awards](#), [Pioneer Award Program](#), [New Innovator Award Program](#), and [Early Independence Awards](#). These [special awards](#) address emerging scientific opportunities that no single NIH Institute or Center (IC) can address on its own, but are of high priority for the NIH as a whole.

**Applications are due in September 2017**

**WEBSITE:** <https://commonfund.nih.gov/highrisk/index>

More funding opportunities can be found at:

<http://www.medschool.umaryland.edu/career/Grant-Deadlines/>

## UMB, Office of Accountability and Compliance Lecture Series

### Ethical Scientific Conduct

Wednesday, May 3

12:00 – 1:00pm

School of Pharmacy N111

This session will cover common ethical scientific issues, such as authorship disputes, appropriate use of data analysis and statistics, and 'gray' areas in science ethics. Case studies that gained media attention will be discussed as well as methods to avoid common pitfalls. Speaker: Dr. Peter Swaan

### Basic Scientists Involved in Clinical Research

Wednesday, May 10

12:00 – 1:00pm

School of Medicine, HSF II Auditorium

This discussion will feature two basic scientists who are now involved in clinical research. Each will describe their research trajectories that have led them to clinical research. The overall aim of this discussion is to promote greater involvement of basic scientists in clinical research. Speakers: Dr. Jim Polli and Dr. Marcela Pasetti

### Conflict of Interest Policies and Procedures

Wednesday, May 31

12:00 – 1:00pm

School of Nursing, Room 304

This session will cover conflict of interest policies and procedures. Speaker: Alison Watkins, COI Officer for UMB

**Registration is not required for lecture series noted above.**

**Questions?** Contact: Dr. Sarah Archibald [sarchibald@umaryland.edu](mailto:sarchibald@umaryland.edu)



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