

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

December 2016

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

### Information Sessions for New Faculty

The Research Career Development Program (RCDP) is providing small group information sessions for new faculty as an introduction to our program and available services. All new faculty, as well as faculty who aren't new, but are interested in learning more about our training and services, are invited to participate in one of the small group information sessions listed below.

The purpose of these sessions is to introduce ourselves, and discuss how we can help support your research and professional development. In addition, we will address any questions you may have about research or professional development resources or issues, such as identifying an appropriate mentor(s), identifying any research resources you may need, joining a writing accountability group (to increase your writing productivity), scientific leadership training, etc. Small group sessions are scheduled on the following days/times and located at **685 W. Baltimore Street, MSTF Building, Room 3-19**

**Thursday January 12 9-10am**  
**Tuesday February 7 1-2pm**

Please email Ms. Stacie Mendoza at: [Ssmall@som.umaryland.edu](mailto:Ssmall@som.umaryland.edu) with your preferred information session. **Please note:** If none of the small group meeting times work for your schedule, please suggest a couple of days/times that work for your schedule.

### Team Science: An Introduction

**Tuesday, December 6**  
**1:00 – 2:30pm**

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

"Team Science" is a term that is rapidly gaining currency, in part driven by the NIH which stated its intent to "stimulate new ways of combining skills and disciplines in the physical, biological and social sciences to realize the great promise of 21<sup>st</sup> century medical research." The goal of integrating multiple scientific disciplines to solve a research problem is promising, but more complicated than the traditional model consisting of a single investigator. Consequently, investigators with an interest in participating in team science often have questions, such as how to identify appropriate opportunities; how to participate successfully as a member of a multidisciplinary team; and how to get credit for individual contributions as a member of a team.

The purpose of this panel is to stimulate discussion of these questions, as well as to help participants succeed in this new approach to scientific research. Subjects of discussion will include: the concepts that guide team science; the skill sets that are needed to work in teams; and tips for coping with challenges of team science, such as effective communications in a multi-team group.

#### Speaker/Panelists:

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

*Professor, Department of Epidemiology and Public Health, UMSOM  
Associate Program Director, Research Career Development Program, UMSOM*

##### **James Kaper, PhD**

*Senior Associate Dean for Academic Affairs, Professor and Chair  
Department of Microbiology & Immunology, UMSOM*

##### **Braxton Mitchell, PhD**

*Professor, Departments of Medicine and Epidemiology & Public Health, UMSOM*

##### **Lynn Schriml, PhD**

*Associate Professor, Department of Epidemiology & Public Health, UMSOM*

##### **Jennifer Snyder, PhD**

*Instructor, Department of Medicine, UMSOM*

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

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

**Friday, January 6**  
**8:30 – 12:00pm**

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, the differences between them, as well as tips for writing a successful R03/R21.

Please note: Not all NIH Institutes fund the "parent" or investigator initiated R03/R21 mechanism, and some Institutes intend the R21 for established investigators. Therefore, it is important to check whether the Institute relevant to your research funds either/both of these mechanisms, as well as the eligibility criteria. The parent announcements for the NIH R03 and R21 are as follows: <http://grants.nih.gov/grants/guide/pa-files/PA-16-162.html>  
<http://grants.nih.gov/grants/guide/pa-files/PA-16-161.html>

#### Speaker:

**Wendy Sanders, MA**

*Associate Dean for Research Career Development, UMSOM*

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

### NIH Grant Writing: Things I wish I'd known when I was a junior faculty member

**Tuesday, January 24**  
**9:00 - 10:00am**

660 Redwood Street, Howard Hall, Room 450

#### Speaker:

**Christy Chang, MD, Associate Professor of Medicine, UMSOM**

Dr. Chang is the recipient of several NIH R01 awards for her work on the genetics of complex disorders. Dr. Chang has also served as an NIH reviewer as well as a grant writing coach within National Research Mentoring Network. Dr. Chang combines these two perspectives to give junior faculty insights into how to write a competitive grant application. In the current funding climate, when rates are low, it is crucial to develop an application that does more than present the facts. Thus, Dr. Chang goes beyond the basics of presenting data to providing a scientific story based on the data. The ability to get reviewers interested in your scientific story is the key to a fundable grant.

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

## Identifying Funding Sources for Postdocs

Wednesday, December 7 &

Wednesday, January 25

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, December 9 &

Thursday, January 26

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>

## Giving a Good Research Talk

Friday, January 27

9:00 – 10:00am

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

This seminar will address the information covered in a research talk, including how to use graphics appropriately. This seminar is intended to help participants understand how to communicate their research effectively and address some of the common mistakes speakers make when presenting their research.

### Speaker:

**Scott Thompson, PhD**

*Professor and Chair of Physiology, UMSOM*

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

## “Consent or Not to Consent – That is the Question” Ethical issues in Human Participant Research

Friday, February 3

10:00 – 11:00am

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

### Speaker:

**Jon Mark Hirshon, MD, MPH, PhD**

*Senior Vice Chair, UMB, IRB; Professor, Departments of Emergency Medicine and of Epidemiology and Public Health, UMSOM*

Dr. Hirshon will present a brief historical perspective on research ethics with a focus on informed consent. He will place this discussion within the current U.S. regulatory environment about research and research ethics, including a review of the differences between waiver of informed consent for minimal risk research versus exception from informed consent for emergency research. Finally, he will briefly introduce the University of Maryland, Baltimore's Human Research Protection Program.

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

## Corporate Funding Seminar

Tuesday, February 21

1:00 – 2:00pm

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

The Office for Research Career Development is sponsoring a series of seminars to help investigators learn about available funding sources. This seminar will provide an overview of the range of SOM's corporate funding projects and describe state programs that help pay for collaborations with Maryland companies. Other topics include: how to identify traditional corporate funding opportunities from corporate sponsors and how to approach them; build long-term relationships; set appropriate expectations; ensure academic integrity and legal compliance; and identify advantages/disadvantages of corporate funding, etc. **Target audience:** UMB faculty and postdocs looking considering the pursuit of corporate funding sources for their research.

### Speakers:

**Mike Rollor**

*Assistant VP, Center for Clinical Trials & Corporate Contracts, UMB*

**Philip Robilotto, DO, MBA**

*Chief Commercialization Officer, UMB Ventures Baltimore  
AVP, Office of Technology Transfer, UMB*

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: [ssmall@som.umaryland.edu](mailto:ssmall@som.umaryland.edu)

## Funding Opportunities ~ Upcoming Deadlines

### ALLEN FOUNDATION

Funds grants to projects that benefit human nutrition in the areas of education, training, and research.

**DEADLINE:** December 31, 2016

**WEBSITE:** <https://www.allenfoundation.org/default.asp>

### MEDICAL TOXICOLOGY FOUNDATION

Funds enriched understanding, enhanced patient care, and improved dissemination of knowledge regarding toxic exposures.

**DEADLINE:** February 15, 2017

**WEBSITE:**

[http://www.acmt.net/MTF\\_Innovative\\_Research\\_and\\_Teaching\\_Awards.html](http://www.acmt.net/MTF_Innovative_Research_and_Teaching_Awards.html)

More funding opportunities can be found at:

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