

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

April 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

### 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

Friday	April 21	11:00 – 12:00pm
Tuesday	May 2	1:00 – 2:00pm

Please email Ms. Stacie Mendoza at: [smendoza@som.umaryland.edu](mailto:smendoza@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.

### Funding Opportunities through the US Department of Veteran Affairs (VA)

Friday, April 7  
9:00 - 10:00am

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

The US Department of Veteran Affairs (VA) 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 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:

**Carol Fowler, PhD**

Deputy Associate Chief of Staff, 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 required online at: <http://registrationrcdp.eventbrite.com>

### Identifying Funding Sources for Postdocs

Wednesday, April 19  
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

Thursday, April 20  
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>

### Getting Promoted in an Academic Medical Institution

Tuesday, April 25  
9:00 – 10:00am

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

#### Speaker:

**Amy Fulton, PhD**

Professor of Pathology, Chair, Appointment, Promotion and Tenure Review Committee, UMSOM

Dr. Fulton will present information outlining the SOM Appointments, Promotion and Tenure Policy and Procedures. Dr. Fulton will describe the different academic titles, considerations for promotion, criteria for tenure, and specifics of scholarship, clinical activity, teaching and service that are evaluated.

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

## NIH Loan Repayment Programs (Info session)

Thursday, April 27

9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

### Speaker:

**Daniel Morgan, MD, MS**, *Assistant Professor, Department of Epidemiology and Public Health/Infectious Diseases, UMSOM*

Join us for an information session on the National Institutes of Health Loan Repayment Program (LRPs). Dr. Morgan is a past recipient of the NIH LRP and will discuss the basic elements of the application process, including eligibility, as well as sharing some of his own experience with this award. The LRP provides researchers with up to \$35,000 annually to help repay student loans. The LRPs repay the outstanding student loans of researchers who are or will be conducting nonprofit biomedical or behavioral research.

Opportunities are available in five research areas: clinical, pediatric, health disparities, contraception and infertility and clinical research for individuals from disadvantaged backgrounds. Applications will be accepted until 8:00 p.m. Eastern time on December 1, 2017. Visit the LRP website at <http://www.lrp.nih.gov> for more information and to access the online application.

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

## NEW! Research Mentoring Workshop

Thursday, May 4

9:00 – 11:00am

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

The Research Career Development Program is providing a new workshop on Research Mentoring. The purpose of this workshop is to help participants maximize their mentoring relationships. Towards that goal, this workshop will focus on four 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 of Epidemiology and Public Health, UMSOM and Research Health Scientist, Staff Physician and Associate Hospital Epidemiologist, VA Maryland Health Care System*

**Wendy Sanders, MA**

*Associate Dean for Research Career Development*

**Tonya Webb, PhD**

*Associate Professor, Department of Microbiology and Immunology*

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>

## Department of Defense (DOD) Funding Seminar

Tuesday, May 23

9:00 – 10:00am

SMC Campus Center, Room 351 (621 W. Lombard St)

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 M.D.**

*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>

## SAVE THE DATE!

### Hiring the Right Team for Your Lab

Tuesday, June 13

9:00 -10:00pm

## UMB Writing Center

### Grant Proposals: What Works Well

Thursday, April 27

12:00 -1:00pm

School of Nursing, Room 150

As part of the Educators in Training (EdiT) program "It's All About Writing," Marilyn Hatza from Maryland Humanities and Drs. Sally Amero and René Etcheberrigaray from the National Institutes of Health (NIH) will be discussing general selection criteria for successful grant proposals. Participants will have the opportunity to ask questions of all three panelists after a moderated segment of the event. A light lunch will be served. Please RSVP via UMB's Common Calendar page for the event. Short bios of all three participants are available on the calendar page as well.

To register, click [HERE](#)

## 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

### MARCH OF DIMES

The mission of the March of Dimes is to improve the health of babies by preventing birth defects, premature birth and infant mortality

**LOI DUE:** April 28, 2017

**FULL APPLICATION DUE:** September 15, 2017

**WEBSITE:** <http://www.marchofdimes.org/glue/css-images/notes/research-program-request-for-proposals.pdf>

### CROHNS & COLITIS FOUNDATION OF AMERICA

-Senior Research Awards  
-Career Development Awards  
-Research Training Awards

**LOI DUE:** May 1, 2017

**FULL APPLICATION DUE:** July 1, 2017

**WEBSITE:** <http://www.crohnscolitisfoundation.org/science-and-professionals/research/grants-fellowships/>

### WILLIAM T. GRANT FOUNDATION

Research Grants

Focus Areas: 1) Programs, policies, and practices that reduce inequality in youth outcomes, and 2) Strategies to improve the use of research evidence in ways that benefit youth.

**LOI DUE:** May 3, 2017

**WEBSITE:** <http://wtgrantfoundation.org/grants/research-grants>

### CRAIG H. NEILSEN FOUNDATION

Spinal Cord Injury Research on the Translational Spectrum (SCIRTS) grants

**LOI DUE:** May 12, 2017

**WEBSITE:** [http://chnfoundation.org/wp-content/uploads/2017/03/SCIRTS-2018-Application-Guide-draft\\_27-Feb\\_FINAL-3.8.17.pdf](http://chnfoundation.org/wp-content/uploads/2017/03/SCIRTS-2018-Application-Guide-draft_27-Feb_FINAL-3.8.17.pdf)

### ALEX'S LEMONADE STAND FOUNDATION

Foundation for Childhood Cancer

Reach Grants are designed to move hypothesis-driven research into the clinic

**DEADLINE:** May 22, 2017

**WEBSITE:**

[https://www.alexlemonade.org/sites/default/files/2017\\_reach\\_guidelines\\_final.pdf](https://www.alexlemonade.org/sites/default/files/2017_reach_guidelines_final.pdf)

### ALEX'S LEMONADE STAND FOUNDATION

Foundation for Childhood Cancer

The 'A' Award is a four-year grant designed for the early independent career scientist who wants to establish a career in pediatric oncology research

**DEADLINE:** May 22, 2017

**WEBSITE:**

[https://www.alexlemonade.org/sites/default/files/2017\\_a-award\\_guidelines\\_final.pdf](https://www.alexlemonade.org/sites/default/files/2017_a-award_guidelines_final.pdf)

### GERBER FOUNDATION

Enhancing the quality of life of infants and young children in nutrition, care, and development.

**DEADLINES:**

Concept Papers Due: June 1, 2017

Full Proposals Due: August 15, 2017 (invited)

**WEBSITE:** <http://www.gerberfoundation.org/how-to-apply/>

### ELSA U. PARDEE FOUNDATION

Research programs directed toward discovering new approaches for cancer treatment and cure

**DEADLINE:** June 1, 2017

**WEBSITE:** <http://www.pardeefoundation.org/grants.aspx>

### CHILDREN'S HEART FOUNDATION

Research in Congenital Heart Disease

**DEADLINE:** June 2, 2017

**WEBSITE:**

<http://www.childrensheartfoundation.org/sites/default/files/2017%20Call%20for%20Proposals.pdf>

### AMERICAN PSYCHOLOGICAL FOUNDATION

David Wechsler Early Career Grant for Innovative Work in Cognition

**DEADLINE:** June 15, 2017

**WEBSITE:** <http://www.apa.org/apf/funding/wechsler.aspx>

### Muscular Dystrophy Association

Research Grants

**DEADLINES**

Letter of Intent: June 15, 2017

Submission of Application: July 15, 2017

**WEBSITE:** <https://www.mda.org/sites/default/files/research-grant-app-instructions-06012016.pdf>

### CHILDREN'S LEUKEMIA RESEARCH ASSOCIATION

Research Grants

**DEADLINE:** June 30, 2017

**WEBSITE:**

<http://www.childrensleukemia.org/researchgrants.html>

More funding opportunities can be found at:

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

**UMB, Office of Accountability and Compliance Lecture Series  
Spring 2017**

**Research Misconduct**  
Wednesday, April 5  
12:00 – 1:00pm  
School of Nursing, Room 304

Speakers: Dr. Sarah Archibald, Research Integrity Officer, and Dr. Stephan Vignes, Program Director for Research Accountability and Compliance Monitoring

**Peer Review and Research Misconduct**  
Wednesday, April 12  
12:00- 1:00pm  
School of Pharmacy N111

This seminar will cover the peer review process and the seven deadly sins of publishing, including data manipulation, duplicate submissions, plagiarism, and conflicts of interest. Further, case studies will be used to illustrate research misconduct as it relates to publishing and peer review. Speaker: Dr. Peter Swaan

**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 lead 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)

**Health Sciences and Human Services Library  
Workshops  
Spring 2017**

**LOCATION/TIME for all workshops below:**

Location: Library Lower Level Computer classrooms (601 W. Lombard Street)

Time: 12:00 – 1:00pm

**Bioinformatics Workshops**

**Introduction to the Command Line for Managing Genomic Data  
April 14**

In this workshop attendees will learn basic commands to manage files and folders, search across large files quickly to find information, and practice with real genomic data.

**The Fundamentals of NCBI-BLAST  
April 18**

This workshop which will be mainly hands-on will teach you to use BLAST's search programs for nucleotide and protein, setting parameters, interpreting search results, and linking out to NCBI content related to searches performed.

**Bioinformatics in the Cloud  
April 27**

This workshop will inform you about using cloud based biomedical data analysis environments. The goal for the workshop is to teach you the ins and outs of using Galaxy.

**Research Data Management Workshops**

**Data Management 101  
April 4**

Get organized and avoid a "data disaster"! If you manage data as part of research, this workshop provides basic strategies for effectively managing research data to ensure its organization and accessibility.

**Using GitHub.com to Manage your Scholarly Work  
April 6**

In this workshop you will learn to use GitHub to solve problems like struggling with clumsy file-naming conventions for documents that change over time, or keeping track of updates to multiple files by multiple team members.

**Introduction to Data Analysis and Visualization with R  
April 18**

This introductory workshop will cover the basics of using R, look at R's plugin ecosystem, and perform common analyses and visualizations on practice data sets.

**Emerging Technology Workshops**

**Introduction to 3D Printing  
April 7, 11, 20**

In this workshop you will learn where to find and download 3D model files online and learn the steps to take to ensure that the file can actually be printed including scaling and checking for non-manifold geometry issues

**From CT to .STL: Create a Printable 3D Model from CT Scan Data  
April 12**

This workshop provides a hands-on introduction to 3D modeling bone segmentation from a CT scan and preparing the model for 3D printing

**Introduction to 3D Modeling  
April 19**

In this workshop you will be introduced 3D modeling. You will learn where to find existing models and how to create a model from scratch.

**Registration required online at:** [www.hshsl.umaryland.edu](http://www.hshsl.umaryland.edu)

**Questions?** Contact: Jean-Paul Courneya  
[jpcourneya@hshsl.umaryland.edu](mailto:jpcourneya@hshsl.umaryland.edu)

