

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

March 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**

Thursday March 9 9:00 – 10:00am
Tuesday March 28 1:00 – 2:00pm

Please email Ms. Stacie Mendoza at: 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.

Tips for Writing an NIH Grant Application

Friday, March 17
8:30 – 11:30am

660 Redwood Street, Howard Hall, Room 450

This workshop will focus on tips for writing the research plan of an NIH grant application. This session is a practical guide to writing each of the following sections: the Specific Aims; Significance; Innovation; Approach; and Abstract. This session is intended for faculty with little or no experience writing an NIH grant application, and will be most useful for faculty who are actively engaged in drafting a proposal or who intend to work on one in the very near future. This session will also cover the new changes to NIH applications, focusing on the "Rigor and Reproducibility" requirement. A continental breakfast will be provided.

Speaker: Wendy Sanders, MA, Associate Dean of Research Career Development, UMSOM

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

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 LRP repays 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. ELIGIBILITY: Applicants must possess a doctoral-level degree (with the exception of the contraception and infertility research LRP); be a U.S. citizen, national or permanent resident; devote 20 hours or more per week to conducting qualified research funded by a domestic nonprofit, university or government entity; and have qualified educational loan debt equal to or exceeding 20 percent of their institutional base salary.

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

Mohummad 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>

UMSOM, Office of Research and Compliance

Law in the Laboratory: A Primer for Scientists Conducting Federally Funded Research

Wednesday, March 29

10:00 – 12:00pm

20 Penn Street, HSF II Auditorium

The School of Medicine is pleased to present the seminar, **Law in the Laboratory: A Primer for Scientists Conducting Federally Funded Research**. This seminar, conducted by Robert P. Charrow, J.D. from Geenberg Traurig, LLP, will address three areas—misconduct in science, human subjects and privacy, and financial conflicts of interest. To help illustrate the application of the rules that pertain in each area, two hypothetical case studies are presented. Attendees should read and be prepared to discuss each during the seminar.

Robert P. Charrow focuses his practice on research, biotechnology and health care issues. He represents health care providers, scientists, pharmaceutical companies, universities, research institutes and other entities with respect to legislative, regulatory and litigation matters arising under the Federal Food, Drug, and Cosmetic Act and research issues under the Public Health Service Act. Mr. Charrow served as a member of the Secretary's Task Force on Medical Liability, and was Chairman of the Task Force on Scientific Misconduct and has written extensively in the area of science and the law, and in particular on the effects of the legal system on scientific research, product development and health. In addition, he has taught as an Associate Professor of Law at University of Cincinnati College of Law and also serves on the Board of Advisors for the Institute of Human Virology at the University of Maryland, Baltimore.

Registration required online at: <http://tinyurl.com/hvvnwqg>

UMB, Office of Accountability and Compliance Lecture Series Spring 2017

Introduction to the Institutional Animal Care and Use Committee

Wednesday, March 15
12:00 – 1:00pm
School of Medicine, HSF II Auditorium

This seminar will cover topics which include: what the IACUC is responsible for, when you should seek approval, and training opportunities provided by the Office of Animal Welfare Assurance.
Speaker: Angela Peiser

Research Ethics Overview

Wednesday, March 22
12:00 – 1:00pm
School of Pharmacy N111

The event is co-sponsored by the Office of Research and Scholarship, School of Nursing. Speaker: Dr. Adil Shamoo

Research Misconduct

Wednesday, April 5
12:00 – 1:00pm
Location: TBA

Speakers: Dr. Sarah Archibald and Dr. Stephan Vigues

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
Location: TBA

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 on Interest Policies and Procedures

Wednesday, May 31
12:00 – 1:00pm
Location: TBA

Speaker: Alison Watkins

Registration is not required for lecture series noted above.

Questions? Contact: Dr. Sarah Archibald 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

Bioinformation 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

Introduction to Data Analysis and Visualization with R March 15 & 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.

Create a Data Management Plan with the DMP Tool March 7

In this workshop you will be walked through the DMPTool to learn from existing plans and create new plans.

Using GitHub.com to Manage your Scholarly Work March 8 & 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.

Data Management 101 March 16 & 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.

Emerging Technology Workshops

Introduction to 3D Printing March 10, 14, 28 & 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

Introduction to 3D Modeling March 17, 31 & 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.

From CT to .STL: Create a Printable 3D Model from CT Scan Data March 3, 30 & 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.

Registration required online at: www.hshsl.umaryland.edu

Questions? Contact: Jean-Paul Courneya
jpcourneya@hshsl.umaryland.edu

UMSOM, Office of Research

2017 Passano Laureate Award Lecture: "Two Sides of the Same Coin: New Human Cancer Viruses and What They Can Tell Us About Immunology and Tumor Suppression"

Monday March 27
4:00 – 5:00pm

20 Penn Street, HSF II Auditorium
(Pre-reception in the lobby at 3:30pm)

Professors Yuan Chang and Patrick S. Moore, from the University of Pittsburgh School of Medicine, have been chosen to receive the 2017 Passano Laureate Award. This prestigious annual award recognizes the work of outstanding biomedical research scientists, a number of whom have gone on to receive the Nobel Prize. Using innovative genomic tools, Drs. Chang and Moore identified two new viruses, Kaposi's Sarcoma Herpes Virus (KSHV) and Merkel Cell Polyoma Virus (MCPV), which cause cancer. Their groundbreaking work has led to the development of new and accurate tests for medical diagnosis, and it has provided deep insights into the biology of human viruses, the molecular pathophysiologic mechanisms by which viruses can contribute to the development of cancer, and the role of the immune system in combating both viruses and cancer.

If you would like to meet with the 2017 Passano Laureates, a "meet and greet" is scheduled prior to the lecture from 1-3pm at the Institute of Human Virology, 6th Floor Conference Room, 725 West Lombard Street (Light refreshments will be served)

Questions? Contact Dr. Curt Civin (6-1181)

Department of Defense

2017 Military Medicine Partnership Conference & Expo!

*Pre-Conference Seminar- March 6

Conference: March 7-8

Location:

Turf Valley Hotel and Conference Center
2700 Turf Valley Road
Ellicott City, MD 21042

This event is an opportunity for science and industry representatives to learn more about the DoD Research, Development, Test & Evaluation missions, programs and gap areas and to better understand the complexities of military medicine in the environment within which the military operates. **Special Event! March 6 for a Pre-Conference Seminar.** This optional special session is geared towards enhancing your understanding of the DoD medical R&D funding opportunities to make the conference more impactful.

For more information and to register, go online:

<http://www.ndia.org/events/2017/3/7/7310>

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

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

Funding Opportunities ~ Upcoming Deadlines

ALLIANCE FOR CANCER GENE THERAPY (ACGT),
2017 Investigator's Award in Clinical Translation of Cell and Gene
Therapies for Cancer

DEADLINE: March 21, 2017

WEBSITE: <http://www.acgtfoundation.org/grants-and-research/research-grants/>

ORGANIZATION FOR AUTISM RESEARCH

Research Grants

PRE-PROPOSALS DUE: March 27, 2017

WEBSITE: <https://researchautism.org/research-grants/apply-for-a-grant/applied-research/>

FAHS-BECK FUND

Research and Experimentation Seeks Applications for Mental
Health Research

DEADLINE: April 1, 2017

WEBSITE:

http://www.fahsbeckfund.org/pdf_files/Post_Doctoral_Guidelines.pdf

ANEURYSM AND AVM FOUNDATION (TAAF)

Cerebrovascular Research Grant Award

DEADLINE: April 3, 2017

WEBSITE:

<http://www.taafonline.org/CerebrovascularResearchGrantApplication.html>

HARRINGTON DISCOVERY INSTITUTE

Scholar-Innovator Program

The goal of the Harrington Scholar-Innovator Program is to advance physician-scientist-initiated projects aimed at clinical introduction of new medicines (drugs or biologics). The specific focus of eligible projects includes fundamental discovery (elucidation of novel targets and leads) or development of novel drugs or biologics or drug-device combinations.

LOI DUE: April 5, 2017

FULL INVITED PROPOSAL DUE: May 31, 2017

WEBSITE: <http://www.uhhospitals.org/services/harrington-discovery-institute/programs-and-initiatives/harrington-scholar-innovator-program/policies>

More funding opportunities can be found at:

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



OFFICE FOR RESEARCH CAREER DEVELOPMENT

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