

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

April 2018

The **Research Career Development Program (RCD)** offers workshops, classes and seminars in subjects that are crucial to an academic research career, including Grant Writing, Publishing Your Research and Identifying Funding Sources for Your Research. In addition, RCDP offers 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

Foundation Funding for Research Scientists: Building the Partnership between Scientists and Development Officers

Thursday, April 5
9:00 – 10:00am

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

It is no secret that the majority of large grants for scientific and medical research come from the NIH and other federal agencies. However, as that pool of funding becomes increasingly competitive, private foundations and other non-government grants can fund research, fill funding gaps during lean times, keep work going while a principal investigator applies for government funds, or support a pilot project designed to obtain data necessary to compete for larger grants.

This session will highlight how UMSOM faculty at all levels can work with the Director of Foundation Relations to identify, develop, and submit private foundation and non-profit organization grants.

Speaker:

Sarah E. Bradley, Director of Foundation Relations, UMSOM

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

Tips for Being an Effective Mentor

Wednesday, April 11
8:00 - 11:00am

SMC Campus Center, 621 W. Lombard Street, Room 349

This session offers practical advice for investigators who are new to mentoring, or who have mentoring experience, but are seeking to improve their skills as a mentor. This workshop will focus on two of the key issues in mentoring: 1) Fostering Independence and Promoting Professional Development and 2) Effective Communications, including how to align expectations of the mentor and mentee. This session will conclude with a panel discussion focused on strategies for dealing with common problems that arise in scientific mentoring. *Continental breakfast will be provided.*

Speakers:

Anthony Harris, MD, MPH, Professor, Department of Epidemiology & Public Health, UMSOM, Division Head, Health Care Outcomes Research, UMSOM

Miriam Laufer, MD, MPH, Associate Professor, Department of Pediatrics, Division of Infectious Diseases and Tropical Pediatrics Director, Division of Malaria Research, Associate Director for Global Health, Institute of Global Health, UMSOM

Kerri Thom, MD, MS, Associate Professor, Department of Epidemiology & Public Health, Assistant Dean, Student Research & Education & Director of the Office of Student Research, UMSOM

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

Defining your Project on Paper: Developing your Research Question, Hypothesis, and Specific Aims

Tuesday, April 17
10:00 – 12:00pm

685 W. Baltimore Street, MSTF Building, Room 321

Explaining the fundamental idea of your research project on paper is essential for writing grants. The purpose of this workshop is to help faculty in composing and clearly describing their underlying research question, hypothesis, and specific aims. The first hour of the session will be a lecture including tips for developing your research question and how to progress to defining your hypothesis and specific aims. The second hour of the session participants will have the opportunity to discuss drafts of their research question or specific aims.

Speaker:

Marey Shriver, PhD, Research Administrator, Office of Research Affairs, UMSOM

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

Conflict Management for Scientists & Physicians: Tips for Dealing with Conflicts Successfully

Friday, April 20
1:00 – 2:30pm

621 W. Lombard Street, SMC Campus Center, Room 349

Conflicts occur frequently in the workplace, including in science and medicine. In reality, whenever there is more than one person involved, conflict is likely to occur; this is true in science, which is characterized by research teams, as well as in medical care, where there are many opportunities for conflict over differing perspectives, need for resources, personalities, work load and time pressures. Understanding how to manage conflict is an essential skill for scientists as well as physicians, as failure to manage conflict negatively impacts team morale as well as productivity.

While the word “conflict” often has a negative connotation, the disagreements that give rise to conflicts are often healthy, a reflection of different perspectives. This workshop is designed to help participants better understand their own approach to dealing with conflict, as well as understanding some of the major differences in how others deal with conflict. The goal is to help participants deal with conflicts more successfully, whether in the lab or in the clinic. This workshop will help you understand your current conflict style and explore other options to expand your conflict management “toolbox”. The workshop combines didactic information with participant exercises.

Speaker:

Laurelyn Irving, PhD, Ombudsperson, UMB

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

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

Friday, April 27
9:00 - 10:00am

660 W. Redwood Street, Howard Hall, Room 450

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

Daniel J. Morgan, MD, MS, Associate Professor, Department of Epidemiology and Public Health, UMSOM, Chief Hospital Epidemiologist, VA Maryland Health Care System

Elizabeth Klingaman, PhD, Psychologist Clinician Investigator Assistant Director, VA Advanced Fellowship Program in Mental Illness Research and Treatment, VISN 5 Mental Illness Research, Education, and Clinical Center, (MIRECC)

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

Identifying Funding Sources for Postdocs

Thursday, May 17
9:00 - 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, Program Director, 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
- Helpful tips for identifying sources of funding
- Interactive demonstration using funding databases

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

Identifying Funding Sources for Faculty

Friday, May 18
9:00 - 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, Program Director, 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
- Helpful tips for identifying sources of funding
- Interactive demonstration using funding databases

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

Educators in Training (EdiT) Program

Evaluating Your Grant Proposal

Thursday, April 12
12:00 - 1:00pm

621 W. Lombard Street, SMC Campus Center, Room 353

Grant experts will provide tips on putting together a great grant proposal!

Panelists:

Dr. Sally A. Amero, NIH Review Policy Officer & NIH Extramural Research Integrity Liaison Officer

Ms. Marilyn Hatza, Program Officer, Grants & Strategic Partnerships Maryland Humanities Council

Dr. Sylvia M. James, Ed.D., Acting Deputy Assistant Director (DAD), Directorate for Education and Human Resources (EHR), National Science Foundation

Limited refreshments will be available

Register online before April 10th at:

<https://umbforms.wufoo.com/forms/educators-in-training-edit-program/>

Targeted audience: UMB students, faculty, postdocs, who are planning to write a grant proposal

Sponsored by: Educators in Training (EdiT) Program, UMB Campus Life Services

Questions? Contact **Cynthia Rice**, Director of Student Development & Leadership, at 410-706-7117

OnPAR

Matchmaking Tool for Funding

OnPAR

A new funding site that might help researchers receive funding on grant proposals that were highly reviewed but not funded. Specifically, OnPAR launched in 2016 in partnership with the National Institutes of Health (NIH). OnPAR accepts reviewed, high scoring abstracts from all research investigators globally.

- un-reviewed ideas
- pharmaceutical assets
- other research based collateral
- clinical trials information

OnPAR is a matchmaking platform where applicants and non-government funders come together. Their goal is to support research and drug development for the advancement of public health by matching quality biomedical research projects with priority areas of interest of private foundations, pharmaceutical and biotech companies and/or other private biomedical research funders to advance research, discovery, and development that will benefit the world.

Questions? Contact Dennis Paffrath at dpaffrath@umaryland.edu or visit **OnPar's website** at: <https://onpar.leidosweb.com/about-onpar/>

Individual Consultations (RCD)

GRANT APPLICATION/SUMMARY STATEMENT CONSULTATIONS

Wendy Sanders, MA, Associate Dean for Research Career Development, is available to meet with junior faculty regarding how to plan and develop NIH grant applications. In addition, Ms. Sanders is available to discuss eligibility for various NIH applications. Finally, Ms. Sanders is also available to discuss strategies for addressing summary statements/revising a research grant application. To schedule an appointment with Ms. Sanders, email: wsanders@som.umaryland.edu

FUNDING SOURCE CONSULTATIONS

Stacie Mendoza, Program Director 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

Funding Opportunities ~ Upcoming Deadlines

ELSA U. PARDEE FOUNDATION

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

DEADLINE: April 30, 2018

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

MARCH OF DIMES

March of Dimes now supports research in the following five priorities: Major challenges of premature babies:

1. Necrotizing Enterocolitis, Respiratory Distress Syndrome, and Retinopathy of Prematurity;
2. Biological mechanisms underlying the high incidence of preterm birth in African American women;
3. Genome targeted therapeutics to treat birth defects;
4. Effect of anesthesia in the late fetus or newborn on neurologic development;
5. Preventing and treating chromosomal and structural abnormalities.

LOI DUE: May 15, 2018

FULL APPLICATION: September 21, 2018

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

Foundation Funding Assistance

To learn more about foundation funding opportunities, individual funding searches, and assistance with grant development and submission, please contact:

Ms. Sarah Bradley

Director, Foundation Relations
Office of Development

sbradley@som.umaryland.edu

410-706-0107

Funding Opportunities ~ Upcoming Deadlines

CROHNS & COLITIS FOUNDATION OF AMERICA

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

LOI DUE: May 1, 2018

APPLICATION DUE: July 1, 2018

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

DEPARTMENT OF DEFENSE (DoD)

FY18 Breast Cancer Research Program (BCRP)

- Innovator Award
- Breakthrough Award Levels 3 & 4
- Distinguished Investigator Award

PRE-APPLICATION DUE: May 15, 2018

INVITED APPLICATION DUE: August 14, 2018

WEBSITE: <http://cdmrp.army.mil/funding/bcrp>

DEPARTMENT OF DEFENSE (DoD)

FY18 Breast Cancer Research Program (BCRP)

- Era of Hope Scholar Award
- Breakthrough Award Levels 1 and 2
- Breakthrough Fellowship Award

PRE-APPLICATION DUE: May 16, 2018

APPLICATION DUE: May 30, 2018

WEBSITE: <http://cdmrp.army.mil/funding/bcrp>

LUNG CANCER RESEARCH FOUNDATION

2018 Scientific Research Grant

DEADLINE: July 2, 2018

WEBSITE:

<https://www.lungcancerresearchfoundation.org/assets/uploads/default/2018-LCRF-Request-for-Proposals.pdf>

RHEUMATOLOGY RESEARCH FOUNDATION

Scientist Development Award

DEADLINE: July 2, 2018

WEBSITE: <https://www.rheumresearch.org/career-development-research-awards>

AMERICAN SOCIETY FOR PARENTERAL AND ENTERAL NUTRITION (ASPEN)

ASPEN is dedicated to improving patient care by advancing the science and practice of clinical nutrition and metabolism

DEADLINE: August 22, 2018

WEBSITE:

http://www.nutritioncare.org/Research/ARRF/ASPEN_Rhoads_Research_Foundation_Annual_Grants/

More funding opportunities can be found at:

<http://www.medschool.umaryland.edu/career/Upcoming-Funding-Opportunities/>

PLEASE NOTE: We strongly encourage faculty to discuss their research application plans with their supervisor/Chairman. For some applications, approval of the Chairperson is required to apply, such as career development awards or foundation applications.

CENTER FOR INNOVATIVE BIOMEDICAL RESOURCES (CIBR)

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

The **Center for Innovative Biomedical Resources (CIBR)** is the administrative umbrella for the wide portfolio of core facilities UMSOM investigators have available to support their research. In addition to the cutting-edge services, instrumentation and expertise CIBR cores provide, CIBR also hosts seminars, workshops, symposia and an annual retreat.

CIBR News Update

Lunch and Learn Series

Plan to attend the April Lunch and Learn, featuring the following presentations on **Thursday, April 12, 12:00PM – 1:00PM** in the **MSTF Atrium, 685 West Baltimore Street**. ***Lunch will be provided.***

“Discovery and Functional Profiling with Mass Cytometry Single-Cell Proteomics”

Kevin Brown, PhD, Field Applications Scientist, Fluidigm

“Development of a Mass Cytometry Panel to study Antigen-Specific B Cells for Enteric Pathogens”

Franklin Toapanta, MD, PhD, Assistant Professor, Department of Medicine

“Utilizing Mass Cytometry to Identify Differences between Pediatric and Adult T Cell Responses to Ty21a Vaccination”

Mark Rudolph, PhD Candidate

This seminar is free but you must register: <http://tiny.cc/CIBRLLAPRIL>

School of Medicine CIBR Retreat – **SAVE THE DATE!**

“Leveraging Core Facilities to Improve Your Research”

May 31, 2018

8:00AM – 1:00PM

Leadership Hall, MSTF Atrium, 685 West Baltimore Street

- Hear stories of success on using Cores to increase funding and publications
- Learn how PIs leverage Cores to create robust research programs
- Meet Core Directors and discuss your research needs

Questions? Contact: cibr@som.umaryland.edu

Spotlight on CIBR Resources

Spinning Disk Confocal at the CIBR/Physiology Confocal Core Facility

The Confocal Core Facility is acquiring a new microscope in early April. This new system is a Nikon W1 spinning disk confocal that will allow high speed, high resolution, multicolor acquisition. This versatile, inverted microscope will be fast and easy to use for imaging of fixed samples, but has been optimized for long-term studies of living cells. The unit will be equipped with an environment chamber to allow imaging living samples under physiological conditions. Cell growth, cell migration, endocytosis, protein trafficking, and many other processes can now be more easily studied with the new equipment. New image analysis software will also be available in conjunction with the microscope, enabling large-area tile scanning, batch processing, and “smart analysis” interventions during acquisition runs. Training in the use of this new microscope will begin in June. Please contact jmauban@som.umaryland.edu if you have further questions regarding this exciting new acquisition for CIBR. Our thanks to the School of Medicine and to the *fifteen* departments and centers who contributed to this acquisition!

To learn more about the Confocal Core and all the other Core services, instrumentation and expertise available to support your research please visit <http://medschool.umaryland.edu/cibr>

Visit <http://medschool.umaryland.edu/cibr> to learn what our cores can do for your research.

**University of Maryland School of Medicine,
Center for Innovative Biomedical Resources**

655 W. Baltimore Street
Baltimore, Maryland 21201

Email: CIBR@som.umaryland.edu



UNIVERSITY OF MARYLAND
SCHOOL OF MEDICINE
Where Discovery Transforms Medicine
www.medschool.umaryland.edu

**OFFICE FOR RESEARCH CAREER
DEVELOPMENT**

685 W. Baltimore Street, MSTF 3-19
Baltimore, MD 21201 Phone: 410-706-5434
<http://www.medschool.umaryland.edu/career/>