

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

March 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

Getting Your Protocol Through the IRB

Thursday, March 8

1:00 - 2:00pm

660 W. Redwood Street, Howard Hall, Room 224
(Epidemiology conference room)

This seminar will cover the basics of conducting human subjects research at UMB including an introduction to the Human Research Protections Program (HRPP), the basics of conducting research at UMB, including principal investigators' responsibilities, as well as a discussion of the Comprehensive Institutional Collaborative Evaluation of Research On-line (CICERO) program for submitting and reviewing human subjects research protocols. It will also discuss upcoming changes to the federal regulations concerning human subjects research known as the "Common Rule".

Speaker:

Jon Mark Hirshon, MD, MPH, PhD

Senior Vice Chair, IRB

Professor, Department of Emergency Medicine

Professor, Department of Epidemiology and Public Health

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

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: TBA

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>

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

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### 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](mailto:smendoza@som.umaryland.edu)

## Ombudsman Services Available for UMB

Confidential Ombuds services are now available to UMB faculty and staff for assistance with workplace concerns. Reasons to visit the Ombudsperson include situations that make one uncomfortable in the workplace such as feeling something unfair has taken place; being unsure about a school or university policy or procedure; conflict with a co-worker or supervisor; needing a neutral person to listen; assistance with the challenges of working in team or seeking help when one does not know where else to turn. Upon request, the ombudsperson also offers mediation or shuttle diplomacy.

The Ombudsperson does not advocate for persons or groups; give legal advice; provide psychological counseling; or participate in formal procedures such as grievances. The Ombudsperson cannot change or waive school policies, nor can she serve as an agent of notice for the University.

**Dr. Laurelyn Irving** holds a PhD from the University of North Texas, an M.S.S.W. from the University of Wisconsin-Madison and a BA from Purdue University. She has over 20 years of experience teaching university staff how to resolve conflict and 11 years in practice as a mediator.

To make an appointment, contact **Dr. Irving** at 410-706-8534 or by email at [irving@umaryland.edu](mailto:irving@umaryland.edu). For more information, visit [www.umaryland.edu/ombuds](http://www.umaryland.edu/ombuds)

## Funding Opportunities ~ Upcoming Deadlines

### **CRAIG H. NEILSEN FOUNDATION 2019 Psychosocial Research grants**

Funding is to identify and prioritize critical gaps in the psychosocial field and develop more effective interventions aimed at improving the health of individuals with spinal cord injury across the lifespan.

**LOI DUE:** March 23, 2018

**WEBSITE:**

[http://chnfoundation.org/wp-content/uploads/2018/02/PSR-2019-Cycle-AG\\_FINAL-2.1.18.pdf](http://chnfoundation.org/wp-content/uploads/2018/02/PSR-2019-Cycle-AG_FINAL-2.1.18.pdf)

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ORGANIZATION FOR AUTISM RESEARCH 2018 Applied Research Competition

DEADLINE: Pre-proposals due by March 26, 2018

WEBSITE:

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

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### **NATIONAL MULTIPLE SCLEROSIS SOCIETY Pilot Grant Program**

**DEADLINES:**

Pre-applications must be received no later than April 9, 2018.

Full applications are due by April 11, 2018.

**WEBSITE:**

<https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants>

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AMERICAN DIABETES ASSOCIATION Innovative Basic Science Award

DEADLINE: April 16, 2018

WEBSITE:

https://professional.diabetes.org/sites/professional.diabetes.org/files/media/ibs_app_inst_1-19.pdf

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### **GERBER FOUNDATION**

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

**ELIGIBILITY:** Non-profit organizations

**DEADLINES:**

Concept Papers Due: May 15, 2018

Full Proposals Due: August 15, 2018 (invited)

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

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More funding opportunities can be found at:

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

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# 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 March Lunch and Learn, featuring the following presentations on **Thursday, March 8, 12:00PM – 1:00PM** in the **MSTF Atrium, 685 West Baltimore Street**. ***Lunch will be provided.***

**“A Practical Guide to Genome Engineering – The Do’s and don’ts of CRISPR-Cas9 editing”**

**Shondra Miller, PhD**, Director, Center for Advanced Genome Engineering (CAGE), St. Jude Children’s Research Hospital

**“CRISPR Core Services: CRISPR-Cas9 Tools for Your Research”**

**Tami J. Kingsbury, PhD**, Assistant Professor, Leader CRISPR Services - Translational Core Lab

**“The Cutting Edge of CRISPR-Cas9 Genome Editing Technology: from Enhancing Knock-In Efficiency to Screening with Whole Genome Libraries”**

**M. Zulfiquer Hossain, PhD**, Millipore Sigma

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

**SAVE THE DATE:** CIBR Lunch & Learn to be held on **April 12, 2018** from 12:00 pm – 1:00 pm in the MSTF Atrium Featuring Flow Cytometry and Mass Cytometry Core (CVD)

### 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](mailto:cibr@som.umaryland.edu)

## Spotlight on CIBR Resources

### University of Maryland Medicine (UMM) Biorepository

The University of Maryland Medicine (UMM) Biorepository is a core service established by the University of Maryland School of Medicine's (UMSOM) Program for Personalized and Genomics Medicine (PPGM). The PPGM was initiated in 2011 to facilitate the development of an infrastructure for large-scale studies to empower basic and clinical researchers to make scientific discoveries and translate them to more effective diagnostics and therapeutics. The UMM Biorepository initiative was the result of two NIH-funded grants, a high-end shared instrumentation grant to purchase an integrated Hamilton Biorepository (BiOS) freezer system and a grant to renovate space to co-locate many of UMSOM's biomedical research core laboratories into what is now the Center for Innovative Biomedical Resources.

The UMM Biorepository offers UMSOM researchers the resources necessary for building biospecimen collections for their research. State-of-the-art, automated equipment provides a secure and managed environment for sample handling and includes the BiOS, an ultra-low temperature (-80°C) robotic freezer system, and two benchtop liquid handling robots that assist with sample aliquoting, assay preparation and extraction of DNA and RNA. Samples are uniquely identified and tracked throughout their stay in the Biorepository by 2D-barcodes located on the bottom of storage tubes.

Services provided by the UMM Biorepository involve processing, storage and distribution of a broad range of biospecimens including, but not limited to whole blood for serum, plasma and/or buffy coat banking, urine banking and tissue banking. We also extract, quantitate and bank DNA and RNA from a variety of sources.

Contact Dr. Coleen Damcott, core director, to discuss how the UMM Biorepository services can be customized to support your research (410-706-8968, [cdamcott@som.umaryland.edu](mailto:cdamcott@som.umaryland.edu)).

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**

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Baltimore, Maryland 21201  
Email: [CIBR@som.umaryland.edu](mailto:CIBR@som.umaryland.edu)



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