

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

January 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

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

Thursday, January 11
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. During 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>

Tips on Writing an NIH R03 and/or R21 Grant Application

Tuesday, January 16
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*, Office of Research Career Development, UMSOM

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

Identifying Funding Sources for Faculty

Wednesday, January 24
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>

Scientific Writing Accountability Group (SWAG) Information Session

Friday, January 26
9:00– 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

Are you interested in increasing your writing productivity? If so, we invite you to attend an information session about our program, the Scientific Writing Accountability Group (SWAG). This program is based on the concept that by joining – and being accountable – to a group of one’s peers, writing productivity increases, including the number of submitted manuscripts.

Speaker: Stacie Mendoza, *Program Director*, Office of Research Career Development, UMSOM

SWAG Website:
<http://www.medschool.umaryland.edu/career/Scientific-Writing-Accountability-Group-SWAG-Program/>

NOTE: This session is intended for junior faculty only.

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

Planning Your Publication (Scientific Writing Seminar Series)

Tuesday, January 30
9:00 – 10:00am

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

This session focuses on the publication planning process and will provide advice on getting published in an academic journal.

Topics include:

- How to choose an appropriate journal
- Writing for your audience
- Overview of peer review including author responsibilities
- Keys to publishing success

Speaker: James Waltz, PhD, *Associate Professor*, Department of Psychiatry, UMSOM

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

Developing Tables, Figures and Graphs for Your Research Paper (Scientific Writing Seminar Series)

Tuesday, February 20
9:00 – 10:00am

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

Tables, figures and graphs play a significant role in presenting and enhancing the writer's message in a scientific paper. Deciding when and how to use these visual aids -- and developing the most appropriate -- can be challenging. This session will provide tips to consider when producing effective tables, figures and graphs.

Speaker: **Jessica Brown, PhD**, *Assistant Professor*, Department of Epidemiology & Public Health, UMSOM

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

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

Master of Science Degree in Clinical Research & Certificate in Clinical Research

Applications for the **Master of Science Degree in Clinical Research** and the **Certificate in Clinical Research** are now being accepted by the Graduate School. Applications for the Master of Science are due February 15, 2018 and applications for the certificate are due March 1, 2018. Both are designed specifically to meet the needs of clinicians and scientists who want further education and training to develop a successful career as a clinical and translational investigator. Graduates will gain the ability to identify important clinical research questions, develop research protocols, generate pilot data, conduct clinical research, analyze and write the results in a publishable form and develop and submit grant proposals. Former students include faculty members (particularly those on or applying for career development awards), fellows, residents and medical and dental students.

For more information, click on the following link:

<http://www.medschool.umaryland.edu/k30/Masters-of-Science-in-Clinical-Research/>

In particular, read the "Frequently asked questions" for each.

For an individual consultation on whether this is appropriate for you, please contact:

Kristen Stafford, MPH, PhD kstafford@ihv.umaryland.edu
Dan Morgan MD, MS dmorgan@som.umaryland.edu or
Mary-Claire Roghmann, MD, MS Mroghmann@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, **Dr. Irving** can be reached at 410-706-8534 or by email at lriving@umaryland.edu. For more information, visit www.umaryland.edu/ombuds

Funding Opportunities ~ Upcoming Deadlines

UNIVERSITY OF MARYLAND, BALTIMORE INSTITUTE FOR CLINICAL AND TRANSLATIONAL RESEARCH (UMB ICTR) Accelerated Translational Incubator Pilot (ATIP) Grant Program

-ICTR Innovative Collaboration Pilot Grant

-ICTR Community-Engaged Research Grant

The ATIP Grant program will provide starter funds for projects specifically focused on innovative, translational research that involve multi-disciplinary and inter-disciplinary collaborations among faculty from the Schools of Medicine, Pharmacy, Dentistry, Nursing, Law, and Social Work or UMB-community partnerships.

To be considered for the UMB ICTR ATIP Grant Program opportunity, proposals must be submitted electronically as a combined PDF file by 5:00 PM EST January 16, 2018 via email to ICTR-navigator@umaryland.edu. You can download the application packet and find out more information regarding this funding opportunity by logging into the UMB ICTR ATIP Grant Program website, using your UMID credentials.

For questions regarding application guidelines, contact **Meriem Gaval Cruz** at ICTR-navigator@umaryland.edu.
DEADLINE: January 16, 2018

AMERICAN HEART ASSOCIATION

Transformational Project Award

This award supports highly innovative, high-impact projects that build on work in progress that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research

DEADLINE: January 23, 2018

WEBSITE:

http://professional.heart.org/professional/ResearchPrograms/UCM_497208_Transformational-Project-Award.jsp

AMERICAN INSTITUTE FOR CANCER RESEARCH (AICR)

Investigator-Initiated Research Grant

AICR welcomes proposals for research addressing the effects of diet, nutrition, body composition and physical activity on cancer risk and outcomes.

LOI DUE: January 26, 2018

WEBSITE:

http://www.aicr.org/research/grant/research_funded_grant_programs.html

PhRMA FOUNDATION

PhRMA Foundation awards are offered in a variety of disciplines which support the research and early career endeavors of scientists in drug discovery and development.

DEADLINE: February 1, 2018

WEBSITE: <http://www.phrmafoundation.org/awards/>

UNIVERSITY OF MARYLAND, BALTIMORE INSTITUTE FOR CLINICAL AND TRANSLATIONAL RESEARCH (UMB ICTR) "Micro Grants" for Use of CIBR's & other UMB Core Facilities/Services

The UMB ICTR (ik-ter) is a clinical translational research initiative supported by the UMB campus

The [UMB ICTR Voucher Program](#) awards vouchers (micro grants) to enable preliminary work and generation of pilot data on clinical and translational research projects and to defray the cost of core services.

Vouchers, valued up to \$10,000 in [UMB Core services](#), are available to UMB faculty with IRB-approved Accelerated Translational Incubator Pilot (ATIP) grants, K awards, or other Federally-funded or extramural, peer-reviewed grants needing UMB Core services.

Visit the website to learn more about these "micro grants":

<http://www.umaryland.edu/ictr/funding/umb-ictr-support-and-funding/ictr-voucher-program>

Also, please note that the UMB ICTR offers no-cost services to UMB campus faculty in the areas of: Biostatistics, Informatics, and the Community and Collaboration (CCC) - as well as the ICTR Studios Program and Research Navigator. To learn more about all the ways ICTR can support your research visit the investigator resources section of the ICTR website:

<http://www.umaryland.edu/ictr/investigator-resources>

APPLICATION DEADLINES: February 1, April 2, June 1, August 1, October 1, December 3

Learn about CIBR cores: <http://medschool.umaryland.edu/cibr>
Order online at: <https://cibr.umaryland.edu>

PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE (PCORI)

- 1) Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes
- 2) Pharmacological Treatment for Anxiety in Children, Adolescents, and/or Young Adults
- 3) Improving Methods for Conducting PCOR - Broad PCORI Funding Announcements (*for Addressing Disparities, Assessment of Options, Communication and Dissemination Research, Improving Healthcare Systems*)
- 4) Dissemination and Implementation of PCORI-Funded Patient-Centered Outcomes Research Results

LOI DUE: February 13, 2018

APPLICATIONS DUE: May 16, 2018

WEBSITE: https://www.pcori.org/funding-opportunities?qt-funding_opportunities=1#qt-funding_opportunities&utm_source=December+2017+Newsletter&utm_campaign=December+2017+Newsletter&utm_medium=email

More funding opportunities can be found at:

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

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

Physiology Phenotyping Core (PPC) Is Now Available in iLab

The Physiology Phenotyping Core (PPC) is now available via the School's iLab/ Cores Portal: https://cibr.umaryland.edu/service_center/show_external/4470

PPC specializes *in vivo* models and measurements of cardiovascular and extra-cardiovascular (e.g. pulmonary, sympathetic, EEG) function in mice and larger animals. PPC has over a decade of expertise in rodent microsurgery, high-frequency ultrasound using Vevo2100 system, long-term telemetry recording using DSI system, and etc.

This core is directed by Dr. Ling Chen, who is available to speak with investigators about the ways PPC can support their research (410-706-3283, lingchen@som.umaryland.edu)

Questions about utilizing the PPC's iLab site or any of the other cores in iLab, please contact Tom McHugh tmchugh@som.umaryland.edu or Sanjay Uchil suchil@som.umaryland.edu

Learn more about all of the cores available to support research at <http://medschool.umaryland.edu/cibr>

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

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