

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

April 2021

The **Office of Research Career Development Program (RCD)** supports the research and professional development of SOM faculty with an emphasis on supporting early stage faculty. **RCD** provides programs and resources to develop skills in effective grant writing, scientific communication, and scientific leadership. In addition, RCD offers one-on-one consultations in areas that are critical to academic research. To view the events and services offered by RCD, please visit:

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

In compliance with the UMB COVID-19 Response Policies, RCD will only be offering virtual events at this time.

RESEARCH SKILLS SEMINARS Monthly Seminar Series

Maximizing Translational Research with ICTR Thursday, April 22 • 1:00 – 2:00pm (Zoom)

Speaker: Stephen N. Davis, MBBS, FRCP, FACE, MACP, Theodore E. Woodward Professor of Medicine, Professor of Physiology; Chairman, Department of Medicine, UMSOM; Director, Institute for Clinical and Translational Research, Vice President of Clinical Translational Science, UMB; Physician-in-Chief, UMMC

The UMB's Institute of Clinical and Translational Research (ICTR) is a campuswide clinical translational research initiative which provides high-quality, cost-effective informatics, biostatistics, clinical resources, mentorship, and other core services that will support clinical research, community engagement, ethics and regulatory science, pilot projects, and the development of novel technologies.

During this session, Dr. Davis will highlight ICTR-supported resources available to invigorate, facilitate, and accelerate clinical translational research to improve patient and community health. For more information on UMB ICTR, visit [website](#).

Registration required: <https://registrationrcdp.eventbrite.com>

Getting Your Protocol Through the IRB Tuesday, May 4 • 9:00 – 10:00am (Zoom)

This seminar will cover the basics of conducting human subjects research at UMB. Included within the discussion will be an introduction to the Human Research Protections Program (HRPP), the basics of conducting research at UMB, 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. Recent changes to the federal regulations concerning human subjects research known as the "Common Rule" will also be discussed.

Speaker: Jon Mark Hirshon, MD, MPH, PhD, Senior Vice Chair, IRB; Professor, Department of Emergency Medicine; Professor, Department of Epidemiology and Public Health, UMSOM.

Registration required: <https://registrationrcdp.eventbrite.com>

MANAGING YOUR RESEARCH PROGRAM Bi-Monthly Seminar Series

The purpose of the **Managing Your Research Program Seminar Series** is to support faculty, fellows and senior postdocs who are either new to leading a research team or are interested in honing their leadership skills. Each session focuses on a subject/skill set that is important to successfully developing and managing a research program/team. Registration is available for the next two sessions.

Leading a Diverse and Inclusive Lab Tuesday, May 11 • 9:00 – 10:00am (Zoom)

Research teams composed of individuals from diverse backgrounds and life experiences have been shown to be more effective in scientific problem solving and driving discovery and innovation. Enhancing diversity in research teams and programs requires creating an inclusive environment where all members of a lab are supported and valued. During this session panelists will discuss the benefit of managing a lab with diverse members, and best practices for cultivating an inclusive, safe, and supportive environment where all trainees and peers can thrive.

Panelists:

Alexandros Pouloupoulos, PhD

Assistant Professor, Department of Pharmacology, UMSOM

Luana Colloca, MD, PhD, MS

Associate Professor, UMSOM, Director, CTSA TL1 Pre- and Postdoctoral Training Program, UMSOM

Mary Kay Lobo, PhD

Professor, Anatomy & Neurobiology, UMSOM

Registration required: <https://registrationrcdp.eventbrite.com>

SCIENTIFIC WRITING Monthly Seminar Series

The purpose of the **Scientific Writing Seminar Series** is to help faculty, fellows and postdocs write clear, well-organized scientific papers. Each session focuses on an important aspect of scientific writing. Registration is available for the next three sessions.

Tips for Writing Case Reports, Commentaries and Review Articles

Thursday, April 15 • 9:00 – 10:00am (Zoom)

This session will help clinicians/clinician educators learn how to initiate and develop peer reviewed publications that don't involve "traditional" peer-reviewed research. Participants will also learn strategies to get the most out of being promoted with these types of publications (e.g. Do the literature search for a grand rounds talk and then publish a review; involve a trainee in a case report and get points for mentoring and a publication).

Speaker: Rose Viscardi, MD, Professor, Department of Pediatrics, UMSOM

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

Writing and Conducting a Systematic Review

Thursday, May 13 • 9:00 – 10:00am (Zoom)

This seminar provides an overview of the systematic review process. According to the Cochrane Handbook, a systematic review is "...a review of a clearly formulated question that uses systematic and explicit methods to identify, select and critically appraise relevant research, and to collect and analyze data from the studies that are included in the review."

This differs from narrative reviews, which are often authored by experts in a field and are generally narrative summaries of a topic. Find out what you should know before starting, important steps for conducting a review and resources to help you throughout the process, including the HS/HSL Systematic Review Service.

Speaker: Andrea Goldstein Shipper, MSLIS Research, Education and Outreach Librarian, Health Sciences and Human Services Library, UM

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

Responding to Reviewers

Thursday, June 17 • 9:00 – 10:00am (Zoom)

The ability to effectively respond to reviewers is an important aspect of resubmitting a research paper, and having it accepted for publication; however, this process can be a daunting task. During this session, participants will receive helpful advice on how to best respond to reviewers' comments when resubmitting a research paper.

Speaker: Stefanie Vogel, PhD, Professor, Department of Microbiology and Immunology, UMSOM

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

SCHOLARLY WRITING ACCOUNTABILITY GROUP (SWAG) PROGRAM

Virtual Program to Help Faculty Increase Their Scholarly Writing Productivity

The Office of Research Career Development (RCD) provides a virtual peer accountability/support program designed to increase writing productivity among UMB early stage faculty called **Scholarly Writing Accountability Group (SWAG)**. A description of our virtual SWAG program follows, including details on how to participate.

What is a VIRTUAL SWAG?

A virtual SWAG is an active peer-led writing group for **UMB junior faculty** that meets for 1-hour, once a week over a 10-week period using **Microsoft Teams**. Groups follow a structured agenda including 15 minutes of updates and goal-setting followed by 30 minutes of individual writing and then 15 minutes of reporting and wrap-up. Each group is limited to 4-8 members who must commit to attending at least 8 out of the 10 weekly sessions. In a SWAG, there is no peer review of writing; SWAGs focus on the process of writing, not the content. **The purpose of SWAG is to help junior faculty get in the habit of 1) writing in short blocks of time daily or almost every day and 2) identifying and prioritizing feasible writing goals.**

Writing accountability groups are being used at multiple major medical schools. The data which have been reported on the results of this program are very favorable, reflecting marked increases in the quantity and quality of writing by junior faculty participants.

What are the Benefits of Joining a SWAG?

Faculty who join SWAG will:

- Develop new writing habits to achieve writing goals
- Improved time management skills
- Gain a greater sense of control over the writing process
- Build a small community of support/social network

For more information on our SWAG program, visit:

<https://www.medschool.umaryland.edu/career/Scholarly-Writing-Accountability-Group-SWAG-Program/>

If you are interested in participating in a virtual SWAG, please complete the following form:

<https://umbforms.wufoo.com/forms/request-to-join-swag>

New groups are being formed on a rolling basis.

Questions?

Contact **Stacie Mendoza** at smendoza@som.umaryland.edu

FUNDING SEMINAR SERIES

Monthly Seminar Series

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

Thursday, April 29 • 9:00 – 10:00am (Zoom)

Speaker: Frederick M. Ivey, PhD, Acting Deputy Associate Chief of Staff, Baltimore VA Medical Center, Research & Development Service

The US Department of Veteran Affairs (VA) offers a number of funding opportunities available to faculty and postdocs. Dr. Ivey 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.

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

Department of Defense (DoD) Funding Seminar

Thursday, May 6 • 1:00 – 2:00pm (Zoom)

The Department of Defense (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 & Vice Chair, Research, Dept of Anesthesiology, UMSOM;

Mohammad Minhaj Siddiqui, MD

Associate Professor of Surgery, Director of Urologic Oncology and Robotic Surgery; Chief of Urology, Baltimore VA Medical Center

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

OFFICE OF RESEARCH & SCHOLARSHIP

University of Maryland School of Nursing

DocuSign Use for Research Compliant e-Signature Capture

Thursday, April 15 • 12:00 – 1:15pm (Webex)

Presenters:

Douglas Bowser and Eunissa Yancy
(UMB CITS team)

Please join us as we host the UMB CITS team as they provide an overview on what DocuSign is, how to use it, how to access it, the various security user levels and how to request them, the functions available to each security level and the level(s) best suited for researchers, the e-signature process and document outputs, and more.

Registration required online at:

<https://umaryland.webex.com/umaryland/onstage/g.php?MTID=e082120877e0dcdb63f0696c966f26224>

PROFESSIONAL DEVELOPMENT RESOURCES

RECOMMENDED BY RCD

APRIL PICKS!

The Edge for Scholars - Articles on Scholarly Writing

One-Minute Writing Repairs

The Edge for Scholars

Small adjustments make big differences in clarity and style

Creating Sentences That Flow

Lucile Wrenshall, MD, PhD

"If words are cobblestones, then sentences are the way the stones are put together so that one can walk through the forest without getting lost."

Becoming a More Productive Writer

Michelle Cardel, PhD, MS

#4: Ignore your inner perfectionist.

Avoiding a Mismatch: How to Work with an Editor

Rebecca Helton, MA

Investing in quality editing will pay dividends and save resubmissions.

EDGE for Scholars is a **free** online community for candid conversations about academic life including grants, funding, writing, publishing, productivity, mentoring and so much more. Visit their website and sign up to receive their free weekly e-newsletters:

<https://edgeforscholars.org/>

NEW!

Join Office of Research Career Development's Microsoft Teams Page!

This page serves as a hub for all ORCD's seminar recordings and slides.

Click on the link below and then go to the "FILES" tab.

<https://teams.microsoft.com/l/team/19%3a7a8c2a7346504ab29ce68a2430868fc0%40thread.tacv2/conversations?groupId=a2cb7ca2-f2d2-45de-a17e-7bbefeb3a92d&tenantId=717009a6-20de-461a-8894-0312a395cac9>

This page will be updated with materials for future seminars once they become available. **Please note:** Only those with a UMB email address will be able to join and access this page.

If you have any questions, please contact Stacie Mendoza, Program Director, at smendoza@som.umaryland.edu

NIH UPDATE

NOT-OD-21-073: Upcoming Changes to the Biographical Sketch and Other Support Format Page for Due Dates on or after May 25, 2021

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-073.html>
This Notice informs the extramural community that NIH has updated its application forms and instructions to support the need for applicants and recipients to provide full transparency and disclosure of all research activities, foreign and domestic. The updated forms and instructions will be required for use for applications and Research Performance Progress Reports (RPPR) submitted for due dates on or after **May 25, 2021**. Updated instructions and templates for the NIH biosketch can be found at <https://grants.nih.gov/grants/forms/biosketch.htm>. Updated instructions and templates for the other support page can be found at <https://grants.nih.gov/grants/forms/othersupport.htm>.

INDIVIDUAL CONSULTATIONS

Offered by RCD

RESEARCH GRANT APPLICATION/SUMMARY STATEMENT CONSULTATIONS

Christy Chang, PhD, Senior Program Advisor for Research Career Development, is available to meet with faculty to discuss writing their first R01 NIH application. Dr. Chang offers consultations regarding readiness and eligibility for R01 level funding, specific aims, and other elements of an R01 application. In addition, she is available to discuss strategies for addressing summary statements and revising research grant applications for resubmission.

Email: cchang@som.umaryland.edu

CAREER DEVELOPMENT (K) GRANT APPLICATION/SUMMARY STATEMENT CONSULTATIONS

Marey Shriver, PhD, Director for Research Career Development, is available to meet with junior faculty to discuss early project conception to the development of a complete NIH career development (K) application. Dr. Shriver offers consultations regarding developing a clear research question and testable hypothesis. In addition, she provides consultations regarding eligibility for K grant applications, planning for an upcoming grant proposal, and assembling a K application – including creating a training plan. Lastly, she is available to discuss strategies for addressing summary statements and revising research grant applications for resubmission.

Email: mshriver@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. To schedule a funding consultation, complete the [Funding Search Request Form](#) online.

Email: smendoza@som.umaryland.edu

COVID-19 RELATED UPDATES & FUNDING WEBSITES

NIH UPDATES

- Information for NIH Applicants and Recipients of NIH Funding during COVID-19 Pandemic (*including Funding Opportunities Specific to COVID-19*): <https://grants.nih.gov/policy/natural-disasters/coronavirus.htm>
- Funding for Research on COVID-19 and Information for NIH Applicants re: Impact of COVID-19 on Grants and Submissions

The following [document](#) includes COVID-19 Information for NIH Applicants and a list of COVID-19 related research funding opportunities and databases. This document is posted on the [RCD website](#) under the “**Funding Highlights**” section located on the Home Page.

WEBSITES LISTING FUNDING OPPORTUNITIES SPECIFIC TO COVID-19

- **EDGE FOR SCHOLARS:**
<https://edgeforscholars.org/covid-19-funding-updates/>
 - **UNIVERSITY OF MARYLAND:**
<https://umd.infoready4.com/#competitionDetail/1809933>
The UMD-College Park Division of Research issues funding alert emails on a weekly basis. To receive this alert, fill out the [online form](#). Visit the [COVID-19 Research @ UMD](#) page for updates, listings, news, etc.
 - **INFOED GLOBAL:**
<https://www.infoedglobal.com/COVID19/COVID-19.html>
 - **JOHNS HOPKINS UNIVERSITY:**
<https://hub.jhu.edu/novel-coronavirus-information/research-preparedness/research-preparedness-covid-19-funding-opportunities/>
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FUNDING OPPORTUNITIES

NATIONAL INSTITUTES OF HEALTH (NIH) Shared Instrumentation Grants (S10)

1. High-End Instrumentation (HEI) Grant Program (\$600,000 - \$2,000,000):
<https://grants.nih.gov/grants/guide/pa-files/PAR-21-126.html>
2. Shared Instrumentation Grant (SIG) Program (\$50,000 - \$600,000)
<https://grants.nih.gov/grants/guide/pa-files/PAR-21-127.html>

The Office of Research Affairs (ORA) will be coordinating these applications and their accompanying institutional support requests with the leadership of CIBR. In order to ensure a timely and efficient process, if you are planning on requesting some institutional support you must submit an outline draft of the proposal to SOM-ORA@som.umaryland.edu by **Wednesday, April 21, 2021**. This draft should include:

- Paragraph summary of the equipment, significance, rationale, and justification, etc.
- Draft of the overall budget
- List of key users and their departments
- Detail of your request for institutional support and any other support you have or are requesting for the application, and please estimate which fiscal year(s) you are requesting support, and how much each year and category of expense (e.g., service contracts, salary, space, etc.).

Following the receipt of these draft proposals, ORA will work with all the stakeholders to ensure sufficient institutional support will be leveraged for these proposals.

If you do not submit a draft to ORA by April 21, they cannot provide any contingency institutional support for your proposal. Also, be aware that a **June 1, 2021, NIH deadline** predicates an **internal routing deadline to ORA of Friday, May 20, 2021, and an internal SPA deadline of Monday, May 24, 2021** (accounting for the Memorial Day Holiday) for the routing of your proposals.

Foundation Funding Assistance

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

Ms. Sarah Bradley

Director, Foundation Relations
Office of Development
sbradley@som.umaryland.edu
410-706-0107

FOUNDATION FOR WOMEN'S WELLNESS (FWW) Research Awards

FWW targets small, short-term studies with promise for improving medical care in leading women's health concerns including cardiovascular disease, female cancers, the role of hormones in disease and stage-of-life health issues like pregnancy and menopause and diseases disproportionately affecting women. We also fund studies on sex differences where gender or sex has been under examined.

APPLICATIONS DUE: April 26, 2021

WEBSITE: <http://thefww.org/research-awards/>

DONAGHUE FOUNDATION

Higher Value Healthcare System Research Program

Supports projects to test approaches and tools that organizations can readily use to improve the value of the healthcare they provide to their patients and communities. Multiple awards of up to \$400,000 each may be made. Eligibility is restricted to PhD (or equivalent) investigators at tax-exempt research institutions in the United States.

LETTERS OF INTENT DUE: April 26, 2021

WEBSITE:

<https://donaghue.org/grant-opportunities/greater-value-portfolio/>

GORDON AND BETTY MOORE FOUNDATION

Clinical Quality Measures to Improve Diagnosis Program

Supports the development of innovative clinical quality measures that promote excellence in diagnosis of three categories of disease; acute vascular events, infections, and cancer. Up to eight awards of up to \$500,000 each may be made. Eligibility is unrestricted.

APPLICATIONS DUE: May 10, 2021

WEBSITE:

https://moore-patientcare.smapply.io/prog/request_for_proposals/

ALEX'S LEMONADE STAND FOUNDATION (ALSF) 'A' Award Grant

The purpose of the 'A' Award Grant is to advance ALSF's mission to find cures and better treatments for childhood cancers by providing support to early career scientists who want to establish a career in pediatric oncology research.

APPLICATIONS DUE: June 18, 2021

WEBSITE:

https://www.alexlemonade.org/sites/default/files/images/2020/2021_a_award_grant_guidelines_v2.pdf

MORE FUNDING OPPORTUNITIES CAN BE FOUND AT:

UMSOM Internal Funding Opportunities & External Funding Databases

<https://www.medschool.umaryland.edu/career/Resources-for-Research-Faculty/Internal-FundingDatabases/>

UMGCC Funding Database

(Cancer related research) <https://umgcccfundingopps.org/>

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/>

