

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

September 2021

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

RESEARCH SKILLS Monthly Seminar Series

NIH Basics: Understanding Grant Mechanisms, Funding Announcements, and using NIH RePORTER Thursday, September 9 • 9:00 – 10:00am (Zoom)

Understanding the NIH organizational structure, how to identify the right funding mechanism and announcement, and the grants review process is an essential first step before applying for NIH funding. This session will provide an overview of the NIH grants process, as well as, helpful resources for early stage faculty not familiar with NIH funding. This workshop will cover topics including: an overview of the different NIH funding mechanisms; identifying Funding Opportunity Announcements (FOAs); using NIH RePORTER; and the NIH system of Peer Review.

Speaker: Marey Shriver, PhD, Director, Office of Research Career Development, UMSOM

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

FUNDING SEMINAR SERIES Monthly Seminar Series

Maryland Stem Cell Research Fund (MSCRF) Wednesday, September 22 • 1:00 – 2:30pm (Zoom)

Guest Speaker: Amritha Jaishankar, PhD, Executive Director, Maryland Stem Cell Research Fund (MSCRF)

This information session will provide an overview of the grant programs offered by the **Maryland Stem Cell Research Fund (MSCRF)** for human stem cell research in the state of Maryland. Participants will also hear from a panel of recent awardees who will share their personal experience/advice with submitting a MSCRF grant. For more information on MSCRF funding opportunities, visit: <https://www.msccrf.org/funding-opportunities>. **Target Audience:** Faculty and Postdocs

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

NEW CAREER SKILLS SHORT SESSIONS Bi-monthly Seminar Series

The purpose of this short series is to discuss best practices for research skills essential for early stage faculty and senior postdoctoral fellows career development. This new series will include bi-monthly short sessions that are no longer than 30 minutes (20 minute lecture followed by 10 minutes of questions and answers). Each session will cover a topic related to grant writing, scientific communication, and career advancement. Registration is available for the next two sessions.

Selecting a Journal for Publication

Friday, September 10 • 9:00 – 9:30am (Zoom)

An important step in the publication process is identifying a reputable journal to disseminate your findings. This session will discuss considerations for choosing a journal that reaches your target audience, searchable databases, and open access journals.

Speaker: Marey Shriver, PhD, Director, Office of Research Career Development, UMSOM

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

Organizing and Optimizing Your Writing

Friday, September 17 • 9:00 – 9:30am (Zoom)

Starting can be the hardest part of the writing process. Creating a plan for where to begin can help initiate your writing and allow you to maintain momentum in your writing projects. This session will discuss tips for beginning your writing process, including different methods and tools for organizing your writing and creating a schedule.

Speaker: Marey Shriver, PhD, Director, Office of Research Career Development, 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.

Staffing Your Lab:

Making the Best Hiring Decisions, including Interviewing and Evaluating Applicants; Terminating Employees
Tuesday, October 5 • 9:00 – 10:00am (Zoom)

Staffing your lab with the right people is one of the most important things you can do to manage a successful research program. This session focuses on making the best hiring decisions, beginning with tips on how to attract postdocs and techs to your lab, which can be challenging if you are an early stage investigator. This session will provide advice on how to interview and evaluate applicants. The session will conclude with advice for handling staffing situations that aren't working, including how to handle terminating an employee's contract, which is always difficult – and hopefully can be avoided by identifying and recruiting the best employees at the outset.

Speaker: Achsah D. Keegan, PhD, Professor, Department of Microbiology and Immunology; Associate Director, Medical Scientist Training Program, UMSOM

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

Establishing Collaborations and Creating Your Network

Tuesday, December 7 • 9:00 – 10:00am (Zoom)

Collaborations are a crucial aspect of developing and maintaining a successful research program and should be developed and maintained carefully. Often, early stage faculty are uncertain as to how to identify the best collaborators, as well as how to obtain the most meaningful input from collaborators.

This session will cover:

- How to build successful collaborations and maintain relationships
- How to Identify venues to network and how to create your own networking opportunities
- The importance of establishing a network for career progression
- Challenges early stage investigators often face when collaborating and how to deal with them effectively
- How to make the meeting/conference experience professionally useful
- Using social media to network

Speaker: Lynn Schriml, PhD, Associate Professor, Institute for Genome Sciences, Department of Epidemiology and Public Health, 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 two sessions.

Tips for Increasing Your Scientific Writing Productivity

Thursday, September 23 • 9:00 – 10:00am (Zoom)

Writing is a fundamental part of a scientist's "job", but strategies for writing efficiently are rarely taught. As a result, scientists often struggle with writing, especially with the practical steps of the writing process, such as how to get started. This session begins with tips for increasing writing productivity, with a focus on making writing part of your workday. These tips are designed to make writing easier and to help participants write more quickly and efficiently.

One of the most successful strategies for increasing writing productivity is to join a writing accountability group. Participants will learn about different writing accountability group opportunities available to UMB faculty, fellows and postdocs.

Speakers:

Marey Shriver, PhD, Director, Office of Research Career Development, UMSOM

Stacie Mendoza, Program Director, Office of Research Career Development, UMSOM

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

Ethical Considerations in Authorship including how to determine authorship

Thursday, October 28 • 9:00 – 10:00am (Zoom)

Being published in a peer-reviewed journal is a crucial aspect of a researcher's career and a common metric by which productivity is gauged. Thus, as a form of 'currency', disputes and conflicts of interest involving authorship frequently occur, requiring careful consideration of the scientific community standards by which individuals should be identified as an author. This session will discuss modern trends in authorship and ethical considerations when determining authorship.

Speaker: Adam Puche, PhD, Vice Chair & Professor, Department of Anatomy & Neurobiology, UMSOM

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

**PROFESSIONAL DEVELOPMENT RESOURCES
RECOMMENDED BY ORCD
SEPTEMBER PICKS!**

“The Write Rules”

Edge for Scholars

10 writing rules to improve readability and reduce reader frustration. <https://edgeforscholars.org/the-write-rules/>

“How Social Media Can Help Increase Your Citations”

Dr. Anna Clemens Blog

Read recommendations for promoting your publication on social media, including the best platforms to use, how to reduce your time on social media while maximizing output, and best practices for promoting your work.

<https://www.annaclemens.com/blog/scientific-paper-citations-social-media>

“Early Stage Investigator (ESI) Policy and Extensions”

NIH All About Grants Podcast

Learn about the NIH's ESI policy and how it affects grant review. In addition, learn about how to apply for an extension to take full advantage of your ESI status.

<https://nexus.od.nih.gov/all/2021/08/11/all-about-grants-podcast-early-stage-investigator-policy-and-extensions/>

**ACCESS ORCD'S 2020-2021 SEMINAR
SLIDES & RECORDINGS**

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

This page serves as a hub for ORCD's 2020-2021 seminar recordings and slides including the seminar series listed below:

- **Managing Your Research Program**
- **Scientific Writing**
- **Research Skills** (*grant writing, presentations, etc*)
- **Funding Seminar Series**
- **Career Skills Short Seminars** (*30 minute lectures*)

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 or issues joining the page, please contact **Stacie Mendoza**, Program Director, at smendoza@som.umaryland.edu

**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

**ORCD's MINI LIBRARY
Check it out!**

The ORCD's “Mini Library” provides access to books that are relevant to developing the professional skills and success of an academic research career of SOM faculty.

The following books are now available in the ORCD's office (**MSTF Building, Room 319**) and can be signed out for up to 3 weeks. Email smendoza@som.umaryland.edu if you would like to set up a time to visit our library.

A complete list of books can be found at

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

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

OFFICE OF RESEARCH & SCHOLARSHIP

University of Maryland School of Nursing

Why should we care about protecting human research participants and how can we do it well?

Thursday, September 16 • 12:00 – 1:00pm (Webex)

Presenter: Marianna Azar, MA – Program Specialist, Division of Education and Development, Office for Human Research Protection, U.S. Department of Health and Human Services

RSVP link:

https://umaryland.az1.qualtrics.com/jfe/form/SV_0kS2ETAHQZblp1r

HEALTH SCIENCES & HUMAN SERVICES LIBRARY (HS/HSL)

New SOM Librarian

Christina Pabon-Buck, MSLIS, is a new Research and Education Librarian at the HSHSL. She will serve as co-liaison to the School of Medicine. Christina's background includes information literacy, outreach, and multidisciplinary instruction. She is excited to work with the School of Medicine. You can reach her at cpabon@hshsl.umaryland.edu.

NIH VIRTUAL SEMINAR ON PROGRAM FUNDING AND GRANTS ADMINISTRATION

SAVE THE DATE:

**NIH Virtual Seminar on Program Funding and Grants Administration
November 1-4, 2021**

This free event is Sponsored by the Office of Extramural Research (OER)

Who Should Attend? Administrators, researchers, early-stage investigators, graduate students, or anyone new to working with the NIH grants process. More experienced? Attend the policy updates and check out the case study series.

Each session is given by experienced NIH staff and includes time for questions. Attendees will also have the opportunity to interact with NIH program, grants management, review and policy staff.

For more information and/or to be notified when registration is available, visit: <https://grants.nih.gov/2021-nih-virtual-seminar.htm>

Questions regarding this seminar should be addressed to NIHRegionalSeminars@nih.gov.

OREGON STATE UNIVERSITY

Antiracist Teaching, Language, and Assessment Conference

September 17, 24 & October 1
11:00am – 2:15pm all on Friday (Zoom)

This free conference is sponsored by Oregon State University. Key scholars in the field of writing studies will discuss the following takeaways:

- How to focus on the rhetoric of writing by Black people, Indigenous people and other people of color to combat the centering of “standardized” white English in classrooms
- A heuristic process for investigating Habits of White Language (HOWL) in classrooms with students
- A community of teachers and instructors committed to forwarding antiracism in our work, schools, classrooms, and communities and more!

Register by September 16th @ 11am

For more information and to register, visit:

<https://liberalarts.oregonstate.edu/conference-antiracist-teaching-language-and-assessment>

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/corona-virus.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/>

FUNDING OPPORTUNITIES

AMERICAN ACADEMY OF NEUROLOGY

Career Development Award

This is a three-year award to support junior investigators interested in an academic career in neurology.

DEADLINE: October 1, 2021

WEBSITE: <https://www.aan.com/education-and-research/research/aan-research-program/career-development-award/>

FUNDING OPPORTUNITIES (continued)

BURROUGHS WELLCOME FUND

Career Awards for Medical Scientists

The Career Awards for Medical Scientists specifically address the declining participation of physicians engaged in academic biomedical research. This award provides support to facilitate the transition from advanced postdoctoral/fellowship training and the early years of faculty service. Proposals must be in basic biomedical, disease-oriented, or translational research, with particular interest in artificial intelligence and machine learning.

APPLICATION DEADLINE: October 1, 2021

WEBSITE: <https://www.bwfund.org/funding-opportunities/biomedical-sciences/career-awards-for-medical-scientists/>

PASSANO FOUNDATION

Clinician-Investigator Awards for Career Development

The purpose of these Passano Clinician-Investigator Awards is to help protect the research time, and thereby further the acquisition of experience and preliminary results for qualified young UMSOM faculty clinician-investigators during the time that they are applying for external career development grant support.

DEADLINE: Proposals must be submitted by **October 4, 2021**.

Guidelines for this opportunity can be found at:

[https://www.medschool.umaryland.edu/media/SOM/Offices-of-the-Dean/Office-of-Research-Affairs/documents/Passano-Fnd-Clin-Scientist-Award-Guidelines-2021\(final\).doc](https://www.medschool.umaryland.edu/media/SOM/Offices-of-the-Dean/Office-of-Research-Affairs/documents/Passano-Fnd-Clin-Scientist-Award-Guidelines-2021(final).doc)

CONTACT: Marey Shriver, PhD mshriver@som.umaryland.edu

TEDCO MARYLAND INNOVATION INITIATIVE (MII)/ UNIVERSITY OF MARYLAND VENTURES

Advancing innovative technologies from lab to market.

MII funds up to \$265,000 through two phases of the program:

1. **Technology Assessment** - Technology Validation and Market Assessment, 9 months, up to \$115,000
2. **Company Formation** - Commercial Launch, 9 months, up to \$150,000

UPCOMING DEADLINES: November 1, 2021

WEBSITE: <https://www.tedcomd.com/funding/maryland-innovation-initiative>

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://umgccfundingopps.org/>