

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

January 2022

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/>.

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 session.

Managing Up: Communicating with Your Boss Wednesday, January 26 • 9:00 – 10:00am (Zoom)

Managing a successful research program and advancing in your career requires working with and communicating effectively with your boss or bosses. This session will provide tips and strategies for developing a better working relationship, improving communication, and setting expectations with your boss. In addition, we will discuss best practices for providing feedback.

Speaker: Mary-Claire Roghmann, MD, MS, Associate Dean for Physician Scientist Training, Professor of Epidemiology and Public Health and Medicine, UMSOM

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

Time Management; including When to Say “Yes” and How and When to Say “No” Tuesday, March 29 • 9:00 – 10:00am (Zoom)

Early stage faculty face many demands on their time, and need to be strategic in identifying requests that are appropriate and which they can fulfill, as well as those which are beyond their field of expertise or may be too time consuming at an early stage in their career. Dr. Lumpkins will address some of the most difficult scenarios facing new faculty: when to say “yes” to requests for service, teaching, collaborating, etc., and when – and how- to say “no” to requests, especially when these requests are made by senior faculty/your chairman. Dr. Lumpkins will provide criteria for identifying requests that may further a junior faculty member’s career. She will also provide tips for declining requests professionally, and in a way that leaves the door open to opportunities subsequently. She will conclude this session with tips for managing your time strategically.

Speaker: Kimberly Lumpkins, MD, MBA, FACS, FRCS (Eng); Associate Professor of Surgery, Division of Pediatric Surgery & Urology, 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.

Writing Effective Titles and Abstracts

Thursday, January 20 • 9:00 – 10:00am (Zoom)

Effective titles and abstracts are key components of a scientific paper, as these two parts of the paper are read most often and are also the basis for searches. This session focuses on how to write an interesting and informative title and abstract, including tips on writing style. This session begins with a didactic session (20 minutes), followed by an examples-driven discussion (40 minutes).

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

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

Tips for Scientific Writing with a focus on clarity/editing

Thursday, February 24 • 9:00 – 10:00am (Zoom)

Scientific papers that are well-written have higher rates of acceptance, but often scientists are unsure of how to present their research succinctly and clearly. This seminar focuses on tips for writing scientific research papers with a primary emphasis on clarity and editing. The session makes use of examples to reflect common errors in scientific writing, and how to address these.

Speaker: Isabell May, PhD, Director, Writing Center, UMB

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

RESEARCH SKILLS SEMINAR SERIES

Developing Your Research Question, Hypothesis, and Specific Aims

Tuesday, January 25 • 9:00 – 10:00am (Zoom)

Explaining the fundamental idea of your research project on paper is essential for writing grants. The purpose of this seminar is to help faculty in composing and clearly describing their underlying research question, hypothesis, and specific aims. This session will include tips for developing your research question and how to progress to defining your hypothesis and specific aims.

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

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

Giving a Good Research Talk

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

This seminar will address the information covered in a research talk, including how to use graphics appropriately. This seminar is intended to help participants understand how to communicate their research effectively and address some of the common mistakes speakers make when presenting their research.

Speaker: **Ronna Hertzano, MD, PhD**, Professor, Department of Otorhinolaryngology-Head & Neck Surgery, UMSOM

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

FUNDING SEMINAR SERIES

Funding Success at the National Science Foundation (NSF)

Tips for Identifying the Right Funding Opportunity and Applying to the NSF

Tuesday, February 1 • 9:00 – 10:30am (Zoom)

Guest Speaker: **Edda (Floh) Thiels, PhD**, Program Director, Neural Systems Cluster, National Science Foundation

The National Science Foundation (NSF) is an independent federal agency and funds basic research and education in most fields of science and engineering. This seminar will focus on grantsmanship and funding opportunities offered by NSF.

Major subjects will include:

- The NSF's mission
- Identifying the right NSF funding opportunity
- Specific biology-related funding opportunities
- How to apply
- Elements of a competitive proposal
- NSF Review Process

Target audience: Faculty and senior postdoctoral fellows.

For more information on NSF funding, visit:

<https://www.nsf.gov/funding/>

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

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.

For more information on our SWAG program, visit:

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

Questions?

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

CLINICAL AND TRANSLATIONAL RESEARCH TRAINING

Applications for **Master of Science in Epidemiology and Clinical Research –Clinical Research Track** and the **Certificate Program in Clinical Research** are now being accepted by the Graduate School.

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.

Please see the details and application deadline for each below:

MASTER OF SCIENCE IN EPIDEMIOLOGY AND CLINICAL RESEARCH –CLINICAL RESEARCH TRACK

- 30 credits
- Eligible for tuition remission
- Designed for clinicians and clinicians-in-training wanting to develop a successful clinical research career

Early Admission Deadline: February 15, 2022

Final Application Deadline: May 15, 2022

For more information, visit:

<http://www.medschool.umaryland.edu/k30/Master-of-Science-in-Epidemiology-and-Clinical-Research--Clinical-Research-Track/>

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

CERTIFICATE PROGRAM IN CLINICAL RESEARCH

- 12 credits
- Eligible for tuition remission
- For clinicians and scientists who do not have time to do a full MS but need to gain skills not covered in their health profession or graduate education

Early Admission Deadline: March 1, 2022

Final Application Deadline: May 15, 2022

For more information, visit:

<https://www.medschool.umaryland.edu/k30/Certificate-Program-in-Clinical-Research/>

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

For an individual consultation on whether this training is appropriate for you, please contact **Jennifer Albrecht, PhD**, jalbrecht@som.umaryland.edu

PROFESSIONAL DEVELOPMENT RESOURCES RECOMMENDED BY ORCD

JANUARY PICKS!

- **Edge for Scholars**
"Tips for Writing Your Specific Aims"
Read this three part series to learn tips on structuring a specific aims page that is clear, concise, and captures the reviewers attention.
 - Part 1: The Problem
<https://edgeforscholars.org/specific-aims-part-1-the-problem/>
 - Part 2: The Solution
<https://edgeforscholars.org/specific-aims-part-ii-the-solution/>
 - Part 3: The Hypothesis
<https://edgeforscholars.org/specific-aims-part-iii-the-hypothesis-part-1/>
- **All about NIH grants**
Recordings and presentations from the 2021 NIH Virtual Seminar on Program Funding & Grants Administration are now available at <https://grants.nih.gov/virtual-seminar-2021/presentations.html>. Learn about NIH funding, grant writing, and how grants are reviewed. Our must see list includes:
 - Grant Writing for Success
<https://youtu.be/4TOMbEjL2wA>
 - Planning Your First Application: Top 5 Tips
<https://youtu.be/WSFsxy5leFI>
 - NIH Peer Review: "Live" Mock Study Section
<https://youtu.be/gEQh49zyv4E>
 - Using RePORT to Understand Who and What NIH Funds
<https://youtu.be/azTrSlrEYUM>

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 Seminar Series** (*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

INDIVIDUAL CONSULTATIONS

Offered by ORCD

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

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

Email: smendoza@som.umaryland.edu

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## 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](mailto: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/>

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OFFICE OF FACULTY AFFAIRS & PROFESSIONAL DEVELOPMENT

Faculty Development Workshops

Preparing for Promotion

Objectives: Upon completion of this activity, participants should be able to:

1. Develop a Clinical Portfolio
2. Develop a Teaching Portfolio
3. Learn to correctly research publications and citation analysis
4. Prepare a correctly formatted Curriculum Vitae

January 19, 2022 (12:00 - 2:00pm)

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16192&formid=1710>

February 18, 2022 (10:00am – 12:00pm)

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16193&formid=1713>

March 11, 2022 (10:00am – 12:00pm)

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16194&formid=1715>

May 6, 2022 (9:00 – 11:00am)

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16195&formid=1717>

June 15, 2022 (10:00am – 12:00pm)

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16196&formid=1719>

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#### **Accreditation**

The University of Maryland School of Medicine is accredited by the [Accreditation Council for Continuing Medical Education](#) to provide continuing medical education for physicians.

The University of Maryland School of Medicine designates this Live activity for a maximum of 2.00 **AMA PRA Category 1 Credits**™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### **Credits**

**AMA PRA Category 1 Credits**™ (2.00 hours), Non-Physician Attendance (2.00 hours)

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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.
- **JOHNS HOPKINS UNIVERSITY:** <https://hub.jhu.edu/novel-coronavirus-information/research-preparedness/research-preparedness-covid-19-funding-opportunities/>

FUNDING OPPORTUNITIES

ESTHER A. AND JOSEPH KLINGENSTEIN FUND Klingenstein-Simons Fellowship

The Klingenstein-Simons Fellowship supports young investigators engaged in basic or clinical neuroscience research that could lead to a better understanding of neurological and psychiatric disorders. Areas of particular interest include: cellular and molecular neuroscience; neural systems; and translational research.

APPLICATION DEADLINE: February 15, 2022

WEBSITE: <https://klingenstein.org/esther-a-joseph-klingenstein-fund/neuroscience/>

NEW YORK STEM CELL FOUNDATION Neuroscience Investigator Award

The goal of the Neuroscience Investigator Award is to foster innovative, emerging scientists whose pioneering approaches have the potential to transform the field of neuroscience. *Applicants need not be working in areas related to stem cells.

APPLICATION DEADLINE: February 16, 2022

WEBSITE: <https://nyscf.org/programs/extramural-grants/applicants/neuroscience-investigator-awards/>

FUNDING OPPORTUNITIES

(Continued)

AMERICAN HEART ASSOCIATION Transformation Project Award

To support highly innovative, high-impact projects that could ultimately lead to critical discoveries or major advancement that will accelerate the field of cardiovascular and/or cerebrovascular research.

APPLICATION DEADLINE: February 16, 2022

WEBSITE: <https://professional.heart.org/en/research-programs/application-information/transformational-project-award>

PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE (PCORI)

PCORI funds research that offers patients and caregivers the information they need to make important healthcare decisions. The following PCORI Funding Announcements (PFAs) have upcoming deadlines:

- Broad PCORI Funding Announcements
- Brief Interventions for Adolescent Alcohol Use
- Comparative Effectiveness of Interventions Targeting Mental Health in Individuals with Intellectual and Developmental Disabilities
- Prevention, Early Identification, and Treatment of Delirium in Older Adults
- Improving Methods for Conducting Patient-Centered Outcomes Research
- Implementation of Effective Shared Decision Making Approaches in Practice Settings

LETTER OF INTENT (LOI) DUE: Upcoming deadlines vary in 2022

FULL APPLICATION DUE: Upcoming deadlines vary in 2022

WEBSITE: <https://www.pcori.org/funding-opportunities>

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/>

UMGCCC Funding Database

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



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