

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

October 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/>.

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>

CAREER SKILLS SHORT SESSIONS

Bi-monthly Seminar Series

The purpose of this short seminar 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.

Holding Effective Mentor Meetings

Wednesday, November 10 • 9:00 – 9:30am (Zoom)

Receiving regular feedback and guidance from your mentoring team is essential for achieving research and career development goals. This session will discuss recommendations for holding effective meetings with your mentoring team, including how to prepare for meetings, the best format to get the feedback you need, and how often you should meet with your mentoring committee.

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

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

Holding Effective Lab Meetings

Wednesday, November 17 • 9:00 – 9:30am (Zoom)

Regularly occurring laboratory meetings are essential for enhancing information sharing, productivity, and a sense of community within a research team. This session will discuss recommendations for holding effective lab meetings that are focused, productive, and engage all members within the laboratory. Additionally, we will discuss strategies for making the most of virtual lab meetings.

Speaker: Donna Calu, PhD, Assistant Professor, Department of Anatomy and 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 two sessions.

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>

How to Write a Standard Scientific Research Paper

Thursday, November 18 • 9:00 – 10:00am (Zoom)

This session will provide tips for writing a peer-reviewed scientific research paper and will focus on the content of the sections (Introduction, Methods, Results and Discussion, and Title & Abstract). In addition, this session will include advice about organizing and communicating your research.

Speaker: Joseph P. Stains, PhD, Associate Professor,
Department of Orthopaedics, UMSOM

Registration required: <https://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

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

Picking Which Grants to Write

<https://edgeforscholars.org/not-that-kind-of-selection-likes-of-picking-which-grants-to-write/>

11 questions to determine if you should apply for a grant opportunity.

Diversify Your Funding Portfolio

<https://edgeforscholars.org/diversify-your-funding-portfolio/>

Strategies for maintaining continual funding by targeting different funders.

Designing Your Career

<https://edgeforscholars.org/designing-your-career/>

Suggestions for planning your career goals to share with mentors, including a template timeline and examples.

**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

**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 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

**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

**UMB's INSTITUTE FOR CLINICAL
TRANSLATIONAL RESEARCH (ICTR)
Enrichment Seminar Series**

**Science of Teams and Community-Based
Participatory Research: Practical Strategies for
Managing Teams Towards Engaged Research**
Tuesday, October 12 • 12:00 – 1:00pm (Zoom)

This Enrichment seminar will introduce the high impact research is done increasingly by teams, working across disciplinary and organizational boundaries to integrate diverse perspectives and expertise. However, managing these teams and building strong relationships between partners is challenging. This talk presents frameworks and tools for using the science of teams to inform your approach to building and managing effective research collaborations. Principles and tools will be introduced and analyzed in interactive case discussions.

Register online:

https://us02web.zoom.us/webinar/register/WN_MrsGKGgUSkarEg_4V-mksg

Speaker: Michael Rosen, PhD, Associate Professor
Department of Anesthesiology and Critical Care, Medicine
Johns Hopkins University Schools of Medicine, Public Health,
and Nursing

**HEALTH SCIENCES & HUMAN SERVICES
LIBRARY (HS/HSL)**

UMB is now an OSF Member Institution

OSF, a project of the [Center for Open Science](#), is a free and open source project management tool that supports researchers throughout their entire project lifecycle. It's a great product to help you collaborate and share resources with your team and others!

The HSHSL has recently coordinated UMB's membership in OSF, which means that you will soon be able to log in to OSF with your UMB credentials, and you will have the option to affiliate your project with UMB. All UMB affiliated projects will show up on a special landing page – a great way to promote all the great work we do here! Stay tuned for more information and resources on using OSF in the near future.

We here at CDABS love using OSF to share materials from our workshops. See OSF in action by checking out our workshops page here: <https://osf.io/eyk4d/>.

**NIH's All of Us Research Program Offers Expanded
COVID-19 Data in Latest Release**

The [All of Us Research Program](#), part of the National Institutes of Health, is a historic precision medicine effort to collect and study data from a diverse cohort of one million or more participants living in the United States. In the program's latest data release, the second major update since it launched, tens of thousands of records have been added containing COVID-19 related data from the COVID-19 Participant Experience (COPE) survey, electronic health records, and wearable devices. Read more about this newest update in the [official press release](#).

Not sure how to get started using **All of Us** data? Check out our [step-by-step guide](#) on getting registered to use the **All of Us** Researcher Workbench, and please [reach out to CDABS](#) if you have any questions about the process or using Workbench tools!

**FACULTY CENTER FOR TEACHING AND
LEARNING
University of Maryland, Baltimore**

**Professional Development Coaching Service
for UMB Faculty**

If you are interested in working with a trained coach to boost your professional performance and to enhance your well-being as a UMB faculty member, please visit

<https://www.umaryland.edu/fctl/services/professional-development-coaching/>

**NIH VIRTUAL SEMINAR ON PROGRAM
FUNDING AND GRANTS ADMINISTRATION**

**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 **register**, visit:

<https://grants.nih.gov/2021-nih-virtual-seminar.htm>

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

**OFFICE OF RESEARCH & SCHOLARSHIP
University of Maryland School of Nursing**

**Integrating Health Literacy into the
Informed Consent Process – Tips for Developing
Understandable Consent Materials**
Thursday, October 21 • 12:00 – 1:00pm (Virtual)

Presenters: Sylvia Baedorf Kassis, MPH, Program Manager – Multi Regional Clinical Trials Center of Brigham and Women's Hospital and Harvard and Professor Christopher Trudeau, JD, Associate Professor of Law at University of Arkansas Little Rock, William Bowden School of Law

RSVP link:

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

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/>

FUNDING OPPORTUNITIES

UMB CLAUDE D. PEPPER OLDER AMERICANS INDEPENDENCE CENTER (UM-OAIC)

Pilot Funds

This funding is designed to provide start-up support for quality research proposals of high relevance to the Center’s mission, which addresses the process by which function is lost, and the multiple factors that affect the onset, and progression of disability in older adults.

LETTERS OF INTENT DUE: October 18, 2021

WEBSITE:

<https://www.medschool.umaryland.edu/media/SOM/Research-General/peppercenter/docs/Pilot-announcement-letter-2021.pdf>



OFFICE FOR RESEARCH CAREER DEVELOPMENT

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

FUNDING OPPORTUNITIES (continued)

UMSOM PROGRAM IN HEALTH EQUITY AND POPULATION HEALTH, CENTER FOR EQUITY, DIVERSITY, AND INCLUSION Call for Proposals

The Program supports the elimination of health disparities in Baltimore City, Maryland, and beyond through research, education, and community engagement. This initiative will provide “seed” incentives to stimulate new or existing research collaborations that will ultimately result in external grant funding.

DEADLINE: November 1, 2021

See the attached RFA in the newsletter email for details

DORIS DUKE CHARITABLE FOUNDATION Clinical Scientist Development Award

The Clinical Scientist Development Award provides grants to junior physician scientists to facilitate their transition to independent clinical research careers.

PRE-PROPOSAL DEADLINE: November 12, 2021

APPLICATION DEADLINE: March 11, 2022

WEBSITE: <https://www.ddcf.org/funding-areas/medical-research/clinical-scientist-development-award/>

AMERICAN DIABETES ASSOCIATION (ADA) Nutrition & Diabetes Junior Faculty Development Award

This award supports early investigators as they establish independence as diabetes researchers

LETTER OF INTENT DUE: November 22, 2021

APPLICATION DUE: March 7, 2022

WEBSITE: <https://professional.diabetes.org/content-page/current-funding-opportunities-nutrition>

AMERICAN HEART ASSOCIATION Career Development Award

This award supports highly promising healthcare and academic professionals, in the early years of one’s first professional appointment, to explore innovative questions or pilot studies that will provide preliminary data and training necessary to assure the applicant’s future success as a research scientist.

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

DEADLINE: December 6, 2021

UPCOMING INFO WEBINARS:

<https://professional.heart.org/en/research-programs/application-information>

HEALTH SCIENCES & HUMAN SERVICES LIBRARY (HS/HSL) Open Access Publishing Fund Pilot for Early-Career Researchers

This fund is designed to promote open-access publication by early-career researchers. It is open to the following individuals at UMB: Students, Postdoctoral researchers or fellows or equivalent, Faculty at the rank of Assistant Professor or equivalent.

DEADLINE: Funds will be made on a first-come, first-served basis until funds are exhausted.

WEBSITE: <https://www.hshsl.umaryland.edu/services/apc.cfm>

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/>