

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

August 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>

Defining Your Next Project on Paper: Small, Interactive Class

Wednesdays, September 15 - 29 • 11:00-12:00pm (Zoom)

Are you preparing for an upcoming grant application? The Research Career Development Program is offering a short, interactive class on “Defining Your Next Research Project on Paper”. The goal is for participants to develop a one-page summary of a new research project that can be used to receive feedback from mentors, collaborators, and/or a program officer. The class will focus on identifying and clearly communicating the gap in knowledge, central research question and hypothesis, and the significance of the proposed work. The class will end by using the developed summary to conduct an NIH Matchmaker search. NIH Matchmaker is a free, online searchable database which identifies similarly funded projects. Discussion will include how to identify the appropriate NIH Institute, funding mechanism, and program officer after completing an NIH Matchmaker search.

Please note: This course is limited to *faculty members only*. The class size is small, with a maximum of 8-10 participants. To register or learn more, please email the instructor Marey Shriver, PhD at mshriver@som.umaryland.edu.

FUNDING SEMINAR SERIES Monthly Seminar Series

NIH Repays Your Student Loans!
Overview of the NIH's Loan Repayment Programs
Wednesday, September 1 • 9:00 - 10:00am (Zoom)

Guest Speaker: Matthew R. Lockhart, MBA, Acting Director, Division of Loan Repayment, Office of Extramural Research (OER), National Institutes of Health

The NIH Loan Repayment Programs (LRPs) are a set of programs established by Congress designed to recruit and retain highly qualified health professionals into biomedical or biobehavioral research centers. The NIH LRPs pay up to \$50,000 annually of qualified educational debt in return for a commitment to engage in NIH mission-relevant research. Applicants must hold an M.D., Ph.D., Psy.D., Pharm.D, D.O., D.D.S., D.M.D. D.P.M, D.C., N.D., O.D., D.V.M, or equivalent doctoral-level degree (except for the Contraception & Infertility Research LRP). **The NIH LRPs will accept applications from September 1-November 18.** Don't miss your opportunity to learn how you could receive up to \$100,000 in educational debt relief!

The following 6 LRPs are available to non-NIH scientists:

- 1) Clinical Research
- 2) Pediatric Research
- 3) Health Disparities Research
- 4) Contraception & Infertility Research
- 5) Clinical Research for Individuals from Disadvantaged Backgrounds
- 6) Research in Emerging Areas Critical to Human health (REACH)

For more information, visit the NIH LRP [website](#).

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

Maryland Stem Cell Research Fund (MSCRF) Funding Information Session

Wednesday, September 22 • 1:00 – 2:30pm
Hybrid Format: Zoom & In-person

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

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: Marel 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: Marel 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 session.

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>

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 17 • 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:

Marel 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

Hybrid Format: Zoom & In-person

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

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, Professor, Department Anatomy & Neurobiology, UMSOM

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

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

The Edge for Scholars

Articles on Grant Writing & Funding

1. **Mapping the Path for a K or R Submission**
Durango Kid, PhD
Follow the guide.
<https://edgeforscholars.org/couch-k23-r01-k99-r21-k08/>
2. **Diversify Your Funding Portfolio**
Ray Blind, PhD & Rebecca Helton, MA
More baskets are better.
<https://edgeforscholars.org/diversify-your-funding-portfolio/>
3. **A Smorgasbord of Writing Pointers with a Side of Wit**
Lucile Wrenshall, MD, PhD
Help yourself to an abundance of grant insights.
<https://edgeforscholars.org/an-entertaining-robust-writing-roundup-2/>

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/>.

OFFICE OF RESEARCH & SCHOLARSHIP
University of Maryland School of Nursing

Research Consent Part 2: Required Elements of Consent

Thursday, August 19 • 12:00 – 1:00pm (Webex)

Presenters:

Jan Martinez, MS, CIP, CLSSGB, IRB manager and
Casey Jackson, MS, CLSSGB, Research Quality Manager at UMSON

Please join us as we host part 2 of a multi-part series on consent. Part 2 will focus on the required elements of consent and CICERO related consent submission processes for review.

RSVP link:

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

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/>

**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 all ORCD's 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

CLINICAL AND TRANSLATIONAL RESEARCH TRAINING

Introduction to Clinical and Translational Research at UMB & Baltimore VA

August 9-13, 2021

9:00 – 3:15pm (Monday – Thursday)*

9:00 – 12:00pm (Friday)

*ending times vary

Virtual (WebEx)

The Department of Epidemiology and Public Health at UMSOM is pleased to sponsor the 20th annual **Introduction to Clinical and Translational Research at UMB and Baltimore VA** course.

This course is open to all UMB and Baltimore VA faculty, fellows, residents, students and staff with an interest in clinical and translational research. This course is designed for new researchers, or those looking for a refresher, who struggle with designing good studies and/or writing publishable manuscripts/grants. The course is **free** of charge and only open to those affiliated with University of Maryland, Baltimore (UMB) and Baltimore VA.

REGISTRATION (required):

<https://www.eventbrite.com/e/introduction-to-clinical-and-translational-research-course-at-umb-tickets-158528072733>

CME credits and other continuing medical education credits will **not** be offered for this one-week course.

COURSE DIRECTORS:

Kristen Stafford, PhD, MPH, Associate Professor, Department of Epidemiology and Public Health, UMSOM

John Sorkin, MD, PhD, Professor, Department of Medicine, Chief, Biostatistics and Informatics, UMSOM

COURSE AGENDA:

<http://www.medschool.umaryland.edu/k30/Summer-Short-Course-Introduction-to-Clinical-and-Translational-Research-at-UMB/>

CREDITS: To receive academic/graduate school credit, students already enrolled in a UMB graduate school program should register for PREV 616 in the 2021 fall semester. To register for PREV 616 in the fall, contact your graduate program office.

Anyone who is interested in registering for PREV616 in the fall, MUST contact Dr. Kristen Stafford to discuss eligibility prior to registering. Dr. Stafford's email is kstafford@ihv.umaryland.edu

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

This course is jointly sponsored by:

- University of Maryland Claude D. Pepper Older Americans Independence Center (UM-OAIC)
- Baltimore VA Medical Center, Geriatric Research Education and Clinical Centers (GRECC)
- Office of Research Career Development, UMSOM

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

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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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## 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.

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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

NIH COMMON FUND

High-Risk, High-Reward Research Program (HRHR)

These funding opportunities seek outside-the-box research ideas that if successful would have a large impact in an area of research relevant to the broad mission of NIH.

There are four initiatives within the HRHR program:

1. **The Pioneer Award Program:** for investigators at any career stage who have a record of unusually innovative research and who propose pioneering ideas going forward. (Application receipt date of **September 10, 2021**.)
2. **The New Innovator Award:** for Early Stage Investigators (those within ten years of receipt of their terminal research degree or completion of their clinical training) who propose unusually innovative and impactful research. (Application receipt date of **August 20, 2021**.)
3. **The Transformative Research Awards:** for individuals (single Principal Investigator) or teams (multiple Principal Investigators) who propose unconventional, potentially groundbreaking research projects with flexible budgets. (Application receipt date of **September 1, 2021**.)
4. **The Early Independence Awards:** for exceptional junior scientists who wish to "skip the post-doc" to launch independent research careers (only up to two applications per institution are allowed). (Application receipt date of **September 3, 2021**.)

WEBSITE: <https://commonfund.nih.gov/highrisk>

WEBINAR: The National Research Mentoring Network is hosting an HRHR webinar on **Friday, August 6th at 11am CT**. This is an opportunity for you to speak with NIH Program Officers and have your questions directly answered. Register online: https://unthsc.zoom.us/webinar/register/7016263679972/WN_xZukXtDdR7e3oJYbnRxlow

Foundation Funding Assistance

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

Ms. Emily Boydston

Development Associate - Foundation Relations Team
Office of Development

EBoydston@som.umaryland.edu

410-706-8503

MEDLINE FOUNDATION

Community Impact Grant Program

Grants of up to \$25,000 will be awarded to nonprofits that offer community-centered solutions, stimulate health equity, and improve population health in under-resourced areas to address challenges in chronic disease, breast cancer, or population health.

DEADLINE: August 27, 2021

WEBSITE: <https://www.medline.com/pages/community-impact-grant/>

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: September 1 & November 1, 2021

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

SFARI

Autism Rat Models Consortium

The Autism Rat Models Consortium is offering grant funding to use SFARI rat models to advance our understanding of the behavioral and circuit neuroscience mechanisms driving autism. Proposals are encouraged to incorporate recent advances in computational ethology and high-resolution behavioral phenotyping.

APPLICATION DEADLINE: September 7, 2021

WEBSITE: <https://www.sfari.org/grant/2021-autism-rat-models-consortium-rfa>

ALFRED P. SLOAN FOUNDATION

Sloan Research Fellowship

The Sloan Research Fellowship seeks to stimulate fundamental research by early-career scientists and scholars of outstanding promise. Successful candidates have strong records of significant independent research accomplishments that demonstrate creativity and the potential to become future leaders in the scientific community.

NOMINATION DEADLINE: September 15, 2021

WEBSITE: <https://sloan.org/fellowships>

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/>