

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

August 2020

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 management and 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, RCDP will only be offering virtual events at this time.

UPCOMING VIRTUAL SEMINARS

Sponsored by RCD

Passano Foundation Clinician-Investigator Award for Career Development Information Session

Wednesday, August 12
10:00 – 11:00am
Zoom

This information session will provide an overview of the Passano Foundation Clinician-Investigator Award for Career Development at the UMSOM, including tips for applying, to potential candidates. **Curt Civin, MD**, *Associate Dean for Research and Director of Center for Stem Cell Biology & Regenerative Medicine UMSOM* will give an overview of the award. This award was created to provide partial salary and fringe benefits for clinician-investigators in the early stages of their faculty appointment (full-time appointment as instructor or assistant professor in a clinical department). This initiative has been developed to address the increasing pressures on young faculty clinician-investigators to expend substantial clinical time and effort in order to generate sufficient funds to support their salaries. The purpose of this award 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 apply for external career development grant support.

The deadline for internal submission of applications for the Passano Foundation Clinician-Investigator Awards is **October 2, 2020**. For complete award guidelines, please visit:

<https://www.medschool.umaryland.edu/researchaffairs/Funding-Information-Resources/Internal-Funding-Opportunities/>

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

Defining Your Next Project on Paper: Small, Interactive Class

September 9-30 (Wednesdays)
1:00 – 2:00pm
Zoom

The goal of this class 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. **To register**, please email the instructor **Marey Shriver, PhD** at mshriver@som.umaryland.edu.

Leading a Successful Virtual Research Meeting or Event

Thursday September 10
9:00 – 10:00am
Zoom

Leading a virtual research meeting or event comes with many benefits and challenges. This session will cover how to effectively lead a virtual weekly research meeting or a large group event including 1) advice on best practices for preparing for and executing a virtual research meeting or event, 2) how to use the features of a virtual platform (WebEx, Zoom, and Microsoft Teams), and 3) common mistakes to avoid when transitioning to a virtual environment.

Speakers: **Gregory B. Carey, PhD**, Associate Professor of Microbiology and Immunology, UMSOM and **Odessa R. Addison, DPT, PhD**, Assistant Professor, Physical Therapy and Rehabilitation Science, UMSOM

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

SCHOLARLY WRITING ACCOUNTABILITY GROUP (SWAG)

Virtual Program to Help Faculty Increase Their Scholarly Writing Productivity

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

WHAT IS SWAG?

A **SWAG** is an active peer-led writing group for **UMB early stage faculty** that meets for 1-hour, once a week over a 10-week period. 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 goal for SWAG members is to write with increased frequency and for shorter durations; i.e., to develop a sustainable writing habit.** The SWAG program is being used at multiple major medical schools. The data which have been reported on the results of this program are very favorable, reflecting significant increases in the quantity and quality of writing by faculty participants.

For more information on our SWAG program, visit:
<https://www.medschool.umaryland.edu/career/Scholarly-Writing-Accountability-Group-SWAG-Program/>

VIRTUAL SWAG!

A virtual SWAG will function the same as our traditional "face-to-face" format mentioned above; however, groups will meet via Microsoft Teams using its video conference capability. Groups will meet virtually for one hour a week for 10 consecutive weeks. *Groups are forming on a rolling basis.*

If you are interested in participating in a virtual SWAG this summer, please complete the following form:
<https://umbforms.wufoo.com/forms/request-to-join-swag>

Questions?

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

UPCOMING WEBINAR Sponsored by the Office of Research and Scholarship, UMSO

"Is my study exempt? Understanding exemption criteria"

Thursday, August 20
12:00 – 1:00pm
WEBEX

Speaker: Jessica Rowe, MA, MS, CCRP

RSVP for Webex here:

<https://umaryland.webex.com/umaryland/onstage/g.php?MTID=efeaa66f919129f19869a95128574bf97>

NIH OFFICE OF INTRAMURAL TRAINING & EDUCATION (OITE) VIRTUAL TRAINING

The mission of the NIH Office of Intramural Training & Education (OITE) is to help NIH trainees develop the skills they will need to become leaders in the biomedical research community. This page provides resources developed by OITE with trainees outside the NIH, beginning with wellness activities. New posts will be added regularly.
(https://www.training.nih.gov/virtual_nih_activities_for_trainees_outside_the_nih)

Upcoming sessions:

Becoming a Resilient Scientist Series: Building Mentoring Networks

August 12 (2:00 - 3:30pm)

Talking Science: Designing and Delivering Successful Oral Presentations

August 13 (2:00 - 3:00pm)

ARTICLES & WEBINARS RECOMMENDED BY RCDP AUGUST PICKS!

- **Navigating Transitions: going back to the workspace**
Transition abound in life; from starting new projects, joining new research groups or schools, and even coming back to work after the stay at home orders lift. Learn to manage your stress and expectations as you move ahead in life. <https://www.youtube.com/watch?v=ZvS4uZW5yP8>
- **Webinars for the NIGMS Training Community**
(<https://www.nigms.nih.gov/News/meetings/Pages/webinars-for-trainees.aspx>)
 - **Developing the Right Skills for Your Scientific Career:**
<https://www.nigms.nih.gov/News/meetings/Pages/developing-right-skills-scientific-career.aspx>
 - **Leadership and Management as a Scientist:**
<https://www.nigms.nih.gov/News/meetings/Pages/leadership-management-scientist.aspx>
 - **Observations on Writing Grant Applications:**
<https://www.nigms.nih.gov/News/meetings/Pages/Observations-on-Writing-Grant-Applications.aspx>
- **Acting on the Essential**
<https://edgeforscholars.org/acting-on-the-essential-propelling-theory-into-practice/>
Edge for Scholars Article
- **10 Mentee Rules for Faculty**
<https://facultyfactory.podbean.com/e/10-mentee-rules-for-faculty-with-dave-yousem-md-mba-faculty-factory-snippet-no-28/>
Faculty Factory Podcast

NIH RIGOR & REPRODUCIBILITY TRAINING

Are you completing a Career Development (K) Award? Are you preparing for an upcoming NIH grant application? The NIH has a selection of online training for pre-clinical and clinical research to enhance rigorous experimental design and training. (<https://www.nigms.nih.gov/training/pages/clearinghouse-for-training-modules-to-enhance-data-reproducibility.aspx>)

- [NIH Rigor and Reproducibility Training Modules](#)
NIH Office of the Director
- [Let's Experiment: A Guide for Scientists Working at the Bench](#)
iBiology
- [Improving Reproducibility in Research](#)
Indiana University School of Medicine
- [Bench to Bedside: Integrating Sex and Gender to Improve Human Health](#)
NIH Office of Research on Women's Health
- [Course on Pragmatic and Group-Randomized Trials in Public Health and Medicine](#)
NIH Office of Disease Prevention
- [Controls in Animal Studies for Rigor and Reproducibility](#)
American Physiological Society
- [Statistical Topics for Reproducible Animal Research](#)
Indiana University School of Public Health and University of Alabama at Birmingham
- [Improving Reproducibility of Computational Microbiome Analyses](#)
University of Michigan School of Medicine
- [edX Course: Principles, Statistical and Computational Tools for Reproducible Science](#)
Harvard School of Public Health
- [The BD2K Guide to the Fundamentals of Data Science Series](#)
Big Data to Knowledge (BD2K) Initiative
- [Society for Neuroscience Rigor and Reproducibility Training Webinars](#)
Rutgers University and Michigan State University
- [Cell Line Authentication Training](#)
Global Biological Standards Institute

INDIVIDUAL CONSULTATIONS Offered by RCD

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 development of a complete NIH application.

Dr. Shriver offers consultations regarding developing a clear research question and testable hypothesis, eligibility regarding grant applications, and planning for upcoming grant proposal. In addition, 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 OPPORTUNITIES

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 updated frequently and 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

EMERGENCY MEDICINE FOUNDATION FUJIFILM SonoSite COVID-19 Point of Care Ultrasound Acceleration Research Grant

Emergency Medicine Investigators are encouraged to consider all aspects of COVID-19 and the value of point of care ultrasound including:

- Mild to severe illness
- Initial triage, examination and ongoing monitoring
- Multi-organ assessment

Priority will be given to projects studying new ultrasound COVID-19 care pathways that improve:

- Quality of care
- Cost of care
- Patient and/or staff safety
- Care efficiency
- Patient satisfaction

Deadline: August 21, 2020

<https://www.emfoundation.org/globalassets/general/profiles/emf-fujifilm-sonosite-covid-19-research-grant-rfp.pdf>

MARCH OF DIMES FOUNDATION 2020 COVID-19 Fund

This fund supports translational and actionable science leading directly to improved diagnosis, treatment, and ultimately prevention for mothers and infants in a pandemic climate. Funding is available to health professionals, health researchers, epidemiologists, and social scientists with doctoral or terminal academic degrees with a faculty appointment or equivalent at academic universities, hospitals and research institutions; small businesses or startup companies in biotech and/or pharmaceuticals, committed to research in the area of maternal and child health are welcome to apply.

DEADLINE: September 4, 2020

WEBSITE:

<https://qamod.marchofdimes.org/research/request-for-applications-2020-covid-19-fund.aspx>

WHITEHALL FOUNDATION Research Grant

Research grants are available to established scientists working at accredited institutions in the United States. Investigations should specifically concern neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.

LOI DEADLINE: October 1, 2020

APPLICATION DEADLINE: February 15, 2021

WEBSITE: <http://whitehall.org/grants/>

BURROUGHS WELLCOME FUND Career Awards for Medical Scientists

The Career Awards for Medical Scientists is a highly competitive program for physician-scientists, who are committed to an academic career, to bridge advanced postdoctoral/fellowship training and the early years of faculty service. Proposals must be in the area of basic biomedical, disease-oriented, or translational research.

APPLICATION DEADLINE: October 1, 2020

IN-PERSON INTERVIEWS: March 24-25, 2021

WEBSITE: <https://www.bwfund.org/grant-programs/biomedical-sciences/career-awards-medical-scientists>

NATIONAL INSTITUTES OF HEALTH (NIH) Lasker Clinical Research Scholars Program

This program supports early-stage, independent clinical researchers and provides 5+ years of full-time, funded research in the NIH intramural program, followed by 3 years of NIH funds at an extramural medical center/research institute or by continuation in the NIH intramural program. These are at the level of independent, tenure-track positions. NIH Lasker Scholars may be able to maintain an affiliation with their previous institution during their time at the NIH.

DEADLINE: August 28, 2020. The general start date for the positions is summer 2021, but this is flexible.

More information can be found at

<https://www.nih.gov/research-training/lasker-clinical-research-scholars> or by email at LaskerScholar@nih.gov.

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://umgcccfundingopps.org/>

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