

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

June 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

NIH Repays Your Student Loans!
Overview of the NIH's Loan Repayment Programs
Wednesday, June 17 • 3:00 - 4:00pm
Virtual Session via Webex

Guest Speaker: **Ericka Boone, Ph.D.**, Director, Division of Loan Repayment, 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 15. Don't miss your opportunity to learn how you could receive up to \$100,000 in educational debt relief!

For more information, visit the NIH LRP website at <http://www.lrp.nih.gov>

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

Writing and Conducting a Systematic Review
Thursday, June 18 • 9:00 – 10:00am
Virtual (WebEx)

This seminar provides an overview of the systematic review process. According to the Cochrane Handbook, a systematic review is

“...a review of a clearly formulated question that uses systematic and explicit methods to identify, select and critically appraise relevant research, and to collect and analyze data from the studies that are included in the review.”

This differs from narrative reviews, which are often authored by experts in a field and are generally narrative summaries of a topic. Find out what you should know before starting, important steps for conducting a review and resources to help you throughout the process, including the HS/HSL Systematic Review Service.

Speaker: **Andrea Goldstein Shipper, MSLIS**, Research, Education and Outreach Librarian, Health Sciences and Human Services Library, UM

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

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/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 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/>

Clinical and Translational Research Training

Introduction to Clinical and Translational Research

August 3-7, 2020

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 19th annual **Introduction to Clinical and Translational Research Course at UMB**.

This course is open to all UMB faculty, fellows, residents, students and staff with an interest in clinical and translational research at UMB.

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.

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

The course is free of charge and only open to those affiliated with University of Maryland, Baltimore (UMB).

COURSE DIRECTORS:

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

John Sorokin, 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/>

REGISTRATION (required):<https://intro-to-clinical-and-translational-research-umb.eventbrite.com>

CREDITS: To receive academic/graduate school credit, students already enrolled in a UMB graduate school program should register for PREV 616 in the 2020 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

Scholarly Writing Accountability Group (SWAG) Program

New 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** starting this summer.

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 SUMMER SWAG!

Since SWAGs are not able to meet in at this time, we are now organizing virtual SWAGs. 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

PUBMED VIRTUAL WORKSHOP

Sponsored by HS/HS Library

PubMed has a new look! In this workshop, we will highlight classic features you rely on and introduce you to new features designed for a better experience. New features include a modern display, intuitive navigation and citation formatting options. The updated PubMed will become the default in spring 2020.

The HS/HSL will offer workshops to highlight the features of the new **PubMed** on the following dates:

[June 3, 12-12:30pm](#)

For more assistance searching new PubMed, you can contact **Andrea Shipper**, School of Medicine Librarian, or [schedule an appointment](#) with a librarian.

DATA SERVICES

Sponsored by HS/HS Library

Include Your Dataset in the UMB Data Catalog

Do you have a dataset you've been meaning to share, but just haven't gotten around to it? Now is the perfect time! [Results of a recent survey](#) on how life scientists have adapted to COVID-19 restrictions indicate that 43% of respondents are spending more time on data analysis.

The task may seem daunting, but we at the HS/HSL are here to help! [Contact us](#) if you want to talk about:

Finding the right repository: There is an ever-increasing number of options out there for sharing and storing data. We can help you sort through these options, and find an appropriate fit for your data that takes into account funding or publisher requirements, discipline, size, privacy requirements, data type and more!

Creating documentation for your data: Don't send your data out into the wild without a good description. We can help you craft a README file or data dictionary to add context to your dataset. Well-described data is a happy data!

Listing your data in the UMB Data Catalog: The [UMB Data Catalog](#) is a resource that aims to facilitate the discovery of datasets created by or used by UMB researchers. The catalog is not a repository to store datasets; it describes them. By having a record for your dataset in the Data Catalog, you can increase the visibility of your research on campus and beyond. Datasets are discoverable through a search in the UMB Data Catalog, Google's Dataset Search (beta) and Google. Use the link to your dataset record in articles, CVs, and your web profile.

Read more about [Bioinformatics](#) and [Data Services](#) at the HS/HSL.

Request a [consultation](#) or [submit your dataset](#) to the Data Catalog.

RECOMMENDED ONLINE RESOURCES

Re: Research Career Development

3 tips to Avoid Working From Home (WFH) Burnout

<https://hbr.org/2020/04/3-tips-to-avoid-wfh-burnout>
Harvard Business Review

iBiology (free eCourse)

Educator Resources: Business Concepts for Life Sciences

This training is designed for graduate students, postdocs and junior faculty who wish to gain a basic understanding of business fundamentals.

The goal is to impact participants' career readiness by helping prepare scientists who want to start their own labs, and inform scientists who want to go into industry. The purpose of the Business Concepts for Life Scientists course is to enhance PhD scientists' understanding of foundational business concepts.

The course comprises a series of three modules – Business Strategy, Finance and Business Development. Visit [website](#) for more information.

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 a [Funding Search Request Form](#) online at **Email:** smendoza@som.umaryland.edu

FUNDING OPPORTUNITIES

AMERICAN THORACIC SOCIETY

ATS/CHEST Foundation Research Grant in Diversity

To fund clinical research that contributes to the understanding of the pathophysiology or treatment of conditions related to pulmonary, critical care, or sleep medicine that disproportionately affects URM patient groups. The grant is not specific to COVID-19, but it may be of interest to researchers interested in addressing the pandemic's health effects in communities of underrepresented minorities.

Eligibility notes: At least one key personnel must be an ATS member at the time of application.

DEADLINE: June 23, 2020

WEBSITE: <https://research.thoracic.org/grants/chest.php>

GORDON AND BETTY MOORE FOUNDATION

Development of Clinical Quality Measures to Improve Diagnosis

Funds to support the development of innovative clinical quality measures that promote excellence in diagnosis of three categories of disease: **acute vascular events** (such as stroke and myocardial infarction), **infections** (such as sepsis and pneumonia), and **cancer** (such as lung and colorectal cancer). The expected work requires two interlinked activities: 1) development of the rationale for a measure; and 2) operationalizing the measure into an algorithm that can undergo pilot (or proof-of-concept) testing.

DEADLINE: June 30, 2020

WEBSITE: https://moore-patientcare.smapply.io/prog/request_for_proposals/

ARNOLD AND MABEL BECKMAN FOUNDATION

Beckman Young Investigator Award

The Beckman Young Investigator Program is intended to provide research support to the most promising young faculty members in the early stages of academic careers in the chemical and life sciences particularly to foster the invention of methods, instruments and materials that will open up new avenues of research in science.

LOI DEADLINE: August 3, 2020

APPLICATION DEADLINE: January 11, 2021

IN-PERSON INTERVIEWS: April 15, 2021

WEBSITE: <https://www.beckman-foundation.org/programs/beckman-young-investigator/>

NATIONAL MULTIPLE SCLEROSIS SOCIETY

Harry Weaver Neuroscience Scholar Awards

The National MS Society offers a limited number of Harry Weaver awards to highly qualified candidates who have concluded their research training and begun academic careers as independent investigators in an area related to multiple sclerosis.

PRE-APPLICATION DEADLINE: August 14, 2020*

APPLICATION DEADLINE: August 21, 2020*

*Subject to change

WEBSITE: <https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Training-Grants-and-Fellowships/Harry-Weaver-Neuroscience-Scholar-Awards>

SOCIETY TO IMPROVE DIAGNOSIS IN MEDICINE

DxQI Seed Grant Program

The purpose of this program is to stimulate innovation in a field where quality improvement activity is lagging, and to elevate the importance of addressing diagnostic error within healthcare delivery systems. Care-delivery systems are eligible to apply and will typically come from the following list:

- Office-based primary care
- Office-based specialty care
- Clinic (e.g., Urgent, Acute)
- Other ambulatory centers
- Community Hospital
- Academic Medical Center
- Psychiatric Hospital
- Rehab Facility
- VA & Military Centers
- Skilled Nursing Facility
- Federally Qualified Health Center
- Safety Net Hospitals

DEADLINE: Extended indefinitely

WEBSITE: <https://www.improvediagnosis.org/wp-content/uploads/2020/04/FINAL-DxQI-RFP-Design-Deadline-4.1.2020.pdf>

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://umgccffundingopps.org/>

UMD, Division of Research

Early Career Faculty Opportunities

<https://research.umd.edu/funding/early-career-opportunities>

