

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

February 2021

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 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, RCD will only be offering virtual events at this time.**

## RESEARCH SKILLS SEMINARS

### Defining your Project on Paper: Developing your Research Question, Hypothesis, and Specific Aims Tuesday, February 23 • 9:00 – 10:00am (Zoom)

Explaining the fundamental idea of your research project on paper is essential for writing grants. The purpose of this workshop 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>

### Tips for Developing the Budget and Justification for an NIH Grant Application Wednesday, March 24 • 9:00 – 10:00am (Zoom)

This seminar is targeted to faculty and postdoctoral fellows who plan on submitting an NIH grant application and want to understand the basics of developing a budget. This seminar will address both the strategic questions involved in budgeting, as well as the basic components of a budget. Topics include the following: personnel issues, including differences between collaborators and consultants, as well as how to determine percent effort; direct vs indirect costs; budget categories, and what items to include, etc.

**Speaker:** **Robert Mitchell**, Associate Director for administration of the Marlene & Stewart Greenebaum Comprehensive Cancer Center, 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. Dates and subjects for the subsequent sessions will be announced in future newsletters.

### Negotiation Skills

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

The ability to negotiate successfully is essential to managing a research program; however, early stage faculty often lack training in negotiations skills. In addition, scientists –especially at the early stages of their careers –feel uncomfortable with the process of negotiating, and are uncertain how to do this effectively. During this session, participants will receive tips for negotiating for protected time, resources, etc. as an early stage faculty member.

**Speaker:** **Peter Crino, MD, PhD**, Chair & Professor, Department of Neurology, 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 three sessions. Dates and subjects for the subsequent monthly sessions will be announced in future newsletters.

### Writing Effective Titles and Abstracts

Thursday, February 18 • 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, March 11 • 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>

### Tips for Writing Case Reports, Commentaries and Review Articles

Thursday, April 15 • 9:00 – 10:00am (Zoom)

This session will help clinicians/clinician educators learn how to initiate and develop peer reviewed publications that don't involve "traditional" peer-reviewed research. Participants will also learn strategies to get the most out of being promoted with these types of publications (e.g. Do the literature search for a grand rounds talk and then publish a review; involve a trainee in a case report and get points for mentoring and a publication).

**Speaker:** **Rose Viscardi, MD**, Professor, Department of Pediatrics, UMSOM

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 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](mailto:smendoza@som.umaryland.edu)

### SWAG "Pop-Up" Session

Thursday, February 18 • 12:00 – 1:00pm (Zoom)

This session will provide a great opportunity for **UMB junior faculty** to have dedicated time to work on a writing project of their choice (manuscript, grant application, presentation). Participation in this 1-hour session is meant to give faculty an idea of what it is like to part of a SWAG before deciding to commit to the 10-week program. Participants will be asked to share with the group their writing goal for the session and their goal for the week ahead.

Faculty not actively writing a manuscript or grant can use this time to brainstorm, outline, or analyze data.

If you would like to participate in this session, please email **Stacie Mendoza** at [smendoza@som.umaryland.edu](mailto: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

**APPLICATIONS DUE:** February 15, 2021

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

**APPLICATIONS DUE:** March 1, 2021

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 is appropriate for you, please contact:

**Kristen Stafford, MPH, PhD** [kstafford@ihv.umaryland.edu](mailto:kstafford@ihv.umaryland.edu)

## PROFESSIONAL DEVELOPMENT RESOURCES RECOMMENDED BY RCD FEBRUARY PICKS!

### EFFECTIVE STRATEGIES FOR MENTORING MINORITY TRAINEES

**Antenor Hinton, PhD**

Tailoring your style to meet the unique needs of each mentee.  
<https://edgeforscholars.org/why-i-wrote-mentoring-minority-trainees/>

### YOU NEED MENTORS - NOUN, PLURAL

**Katherine Hartmann, MD, PhD**

Diversified mentoring is key.

<https://edgeforscholars.org/you-need-mentors-noun-plural/>

### WHAT YOU SHOULD EXPECT FROM MENTORS

**Edge for Scholars**

Practical advice from four senior mentors.

<https://edgeforscholars.org/what-you-should-expect-from-mentors/>

## 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 a 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](mailto: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](mailto: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](mailto:smendoza@som.umaryland.edu)

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

**Auditing Human Subjects Research**

Thursday, February 18 • 12:00-1:00pm (Webex)

LaToya A. Lewis, MS, MT (ASCP), Compliance Specialist for the UMB Office of Accountability and Compliance will be presenting on the primary goal of auditing human subjects research; the federal requirements of the Department of Health and Human Services (DHHS), FDA, Institutions Federal Wide Assurance (FWA) responsibilities; identifying non compliance; and being audit ready.

**RSVP Here:**

<https://umaryland.webex.com/umaryland/onstage/q.php?MTID=e856d08fbd4f88a518a0b014cc45d917>

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

**Open Access Publishing Fund**

The HSHSL's Open Access Publishing Fund is designed to improve access to research produced at UMB. The fund will reimburse 50% of the cost of article processing charges for Open Access journals up to a maximum of \$3,000 for early career researchers. This is a pilot project, and reimbursements will be made on a first-come, first-served basis, until the funds are exhausted.

Graduate students, postdoctoral researchers and fellows, and faculty at the rank of assistant professor or equivalent are eligible.

For more information and an application form, please visit <https://www.hshsl.umaryland.edu/services/apc.cfm>.

**Love Data Week 2021 begins on February 8**

Love Data Week (Feb. 8 to 12) is an international celebration of all things data! Each year we hope to engage with our community on issues like data management, sharing, wrangling, and visualization, as well as open and reproducible science. This year we are excited to celebrate with the official launch of the new Center for Data and Bioinformation Services (CDABS) at the Health Sciences and Human Services Library (HSHSL) and a week of activities.

**Want to participate? Here's how!**

Check out the full schedule of events at [here](#) and be sure to follow the Health Sciences & Human Services Library on Facebook, Twitter, and Instagram!

#LoveData21 #UMB LovesData

**Questions? Contact:**

Jean-Paul Courneya, Bioinformaticist & Amy Yarnell, Data Services Librarian at [data@hshsl.umaryland.edu](mailto:data@hshsl.umaryland.edu)

**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/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 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

### VASCULAR CURES

#### Wylie Scholars

Vascular Cures' Wylie Scholar Program provides three year career development grants to outstanding young vascular surgeon-scientists who combine active patient care with academic research.

**NOMINATION DEADLINE:** March 1, 2021

**WEBSITE:** <https://vascularcures.org/wylie-scholar-program-2/>

---

### DEPARTMENT OF DEFENSE (DOD)

#### FY21 Breast Cancer Research Program (BCRP)

Era of Hope Scholar Award

**PRE-APPLICATION (LETTER OF INTENT):** March 11, 2021

**APPLICATION:** March 25, 2021

<https://cdmvp.army.mil/funding/bcrp>

---

### DEPARTMENT OF DEFENSE (DOD)

#### FY21 Breast Cancer Research Program (BCRP)

Innovator Award

**PRE-APPLICATION (PREPROPOSAL):** March 12, 2021

**APPLICATION:** June 23, 2021

<https://cdmvp.army.mil/funding/bcrp>

---

### MCKNIGHT FOUNDATION

#### Neurobiology of Brain Disorders Award

The Neurobiology of Brain Disorders Awards solve the problems of neurological and psychiatric disorders. The awards encourage research aimed at translating laboratory discoveries about the brain and nervous system into diagnoses and therapies to improve human health.

**LOI DEADLINE:** March 15, 2021

**APPLICATION DEADLINE:** September 20, 2021

**WEBSITE:** <https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/neurobiology-of-brain-disorders-award/>

---

### ROBERT WOOD JOHNSON FOUNDATION

#### Harold Amos Medical Faculty Development Program

This program was created to increase the number of faculty from historically disadvantaged backgrounds (ethnic, financial, or educational) who can achieve senior rank in academic medicine, dentistry, or nursing and who will encourage and foster the development of succeeding classes of such physicians, dentists, and nurse-scientists.

**APPLICATION DEADLINE:** March 17, 2021

**WEBSITE:** <https://www.amfdp.org/for-applicants>

---

### FAHS-BECK FUND FOR RESEARCH AND EXPERIMENTATION

#### Faculty/Post-Doctoral Research Grant Program

Areas of interest to the Fund are: studies to develop, refine, evaluate, or disseminate innovative interventions designed to prevent or ameliorate major social, psychological, behavioral or public health problems affecting children, adults, couples, families, or communities, or studies that have the potential for adding significantly to knowledge about such problems.

**DEADLINE:** April 1, 2021

**WEBSITE:**

[https://www.fahsbeckfund.org/grant\\_programs.html](https://www.fahsbeckfund.org/grant_programs.html)

---

### WHITEHALL FOUNDATION

Research Grant

The Whitehall Foundation funds grants in basic research in neurobiology, defined as follows: Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of 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:** April 15, 2021

**APPLICATION DEADLINE:** September 1, 2021

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

---

### 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/>

### 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](mailto:sbradley@som.umaryland.edu)

410-706-0107