

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

November 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 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

### Writing Your First NIH R01 Grant Application: PART 2

Friday, December 4 • 9:00 – 10:00am (Zoom)  
*(Part 1 was held on Oct 30)*

**Speaker:** Christy Chang, PhD, Senior Program Advisor, Office of Research Career Development, UMSOM

Topics covered during this seminar include:

- Tips on effective grant writing and formatting
- How to make your reviewers your advocates
- Preparing a winning mindset for grant writing
- Big picture: how to extrapolate NIH statistics to your grant writing

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

## FUNDING SEMINAR SERIES

### Funding Success at the National Science Foundation (NSF) Tips for Identifying the Right Funding Opportunity and Applying to the NSF

Tuesday, November 17 • 1:00 – 2:30pm (Zoom)

**Guest Speaker:** Edda (Floh) Thiels, PhD, Program Director, Neural Systems Cluster, National Science Foundation

The National Science Foundation (NSF) is an independent federal agency and funds basic research and education in most fields of science and engineering. This seminar will focus on grantsmanship and funding opportunities offered by NSF.

Major subjects will include:

- The NSF's mission
- Identifying the right NSF funding opportunity
- Specific biology-related funding opportunities
- How to apply
- Elements of a competitive proposal
- NSF Review Process

**Target audience:** Faculty and senior postdoctoral fellows.

For more information on NSF funding, visit:  
<https://www.nsf.gov/funding/>

**Registration required online at:** <http://registrationrcdp.eventbrite.com>

## FUNDING SEMINAR SERIES *(Continued)*

### Identifying Funding Sources for Faculty Wednesday, November 18 • 9:00 – 10:00am (Zoom)

This seminar will assist faculty in identifying non-NIH sources of funding for their research.

Topics will include:

- Comprehensive introduction to various funding resources, including searchable databases and useful websites
- Helpful tips for identifying sources of funding
- Demonstration using funding databases

**Speaker:** Stacie Mendoza, Program Director, Office of Research Career Development, UMSOM

**Registration required online at:** <http://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. This bi-monthly seminar series consists of five (5), 1-hour stand-alone sessions, each of which 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.

**Please note:** Faculty, fellows and postdocs are welcome to attend every session in the series or single sessions of interest.

### Increasing Your Scientific Visibility Through Social Media

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

Social media is an emerging platform for researchers to increase their professional visibility, establish new connections, and communicate with their peers and the public. This new session will discuss different social media platforms available (including Twitter, Facebook, LinkedIn) and considerations for maintaining a successful online presence. It will also include a panel of research faculty who will share their personal experience and provide helpful tips for using social media throughout your career.

**Speaker:** Jennifer Aumiller, MEd, Director of Career Services, Office of Postdoctoral Scholars, 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. The series consists of ten (10), 1-hour stand-alone sessions, each of which focuses on an important aspect of scientific writing. Registration is available for the next two sessions. Dates and subjects for the subsequent monthly sessions will be announced in future newsletters.

**Please note:** Faculty, fellows and postdocs are welcome to attend every session in the series or single sessions of interest.

### Ethical Considerations in Authorship including how to determine authorship

Thursday, November 19 • 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, Professor, Department Anatomy & Neurobiology, UMSOM

**Registration required online at:** <http://registrationrcdb.eventbrite.com>

### Tips for Writing a Standard Scientific Research Paper

Thursday, December 3 • 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 online at:** <http://registrationrcdb.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.**

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 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/>

*New groups are being formed on a rolling basis.*

If you are interested in participating in a virtual SWAG, please complete the following form:

<https://umbforms.wufoo.com/forms/request-to-join-swag>

#### Questions?

Contact **Stacie Mendoza** at [smendoza@som.umaryland.edu](mailto:smendoza@som.umaryland.edu)

### SWAG "Pop-Up" Session

Tuesday, December 8 • 11:00 – 12:00pm (Zoom)

This session will provide a great opportunity for **UMB faculty** to experience what it is like to be a part of a SWAG, before deciding to commit to the 10 week program, while having dedicated time to work on a writing project of their choice (manuscript, grant application, presentation). Participants will be asked to share with the group their writing goal for the session and the week ahead. Faculty who are 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).

## PROFESSIONAL DEVELOPMENT WEBINARS RECOMMENDED BY RCD

**NOVEMBER PICKS!**

NIH StrokeNet provides professional development webinar recordings for fellows and junior faculty on the following topics:

- [How to Prepare a Clinical Trial Budget](#)
- [Grant Writing](#)
- [Introduction to Biostatistics for Clinical Research](#)
- [How to Choose a Research Mentor](#)
- [Delivering An Effective Scientific Presentation](#)
- [When and How to Consult With a Statistician](#)

For a complete listing of webinar recordings, visit NIH's website at: <https://www.nihstrokenet.org/webinars>

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

The newlyformed **Center for Data and Bioinformation Services (CDABS)** at the Health Sciences & Human Services Library (HS/HSL) wants to hear from you!

[Take our survey](#) to help us understand more about your needs for data and bioinformation related resources and services. If you work with research data in any capacity, as a novice or as an expert and everything in between, we hope to hear from you!

The survey will remain open **until November 6, 2020**. You may access the survey at: <https://is.gd/dataneeds>

If you have any questions or concerns, please contact **Amy Yarnell**, Data Services Librarian and **Jean-Paul Courneya**, Bioinformantist at [data@hshsl.umaryland.edu](mailto:data@hshsl.umaryland.edu).

The HS/HSL has established a pilot **Open Access Publishing Fund**. The fund is designed to improve access to research produced at UMB and to advance UMB research by promoting publishing by early career researchers.

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. There is a limited budget for this pilot project. Reimbursements will be made on a first-come, first-served basis until funds are exhausted.

The fund is open to PhD students, postdoctoral researchers or fellows, and faculty at the rank of assistant professor or equivalent.

You can find more information about the program and eligibility on the [library's website](#). You can fill out the application form here: <https://www2.hshsl.umaryland.edu/hshsl/services/apcform.cfm>.

Please contact **Steven Douglas** ([sdouglas@hshsl.umaryland.edu](mailto:sdouglas@hshsl.umaryland.edu)) with any questions.

## 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)

## 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/>

#### 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



#### OFFICE FOR RESEARCH CAREER DEVELOPMENT

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

## FUNDING OPPORTUNITIES

### PANCREATIC CANCER ACTION NETWORK

#### Career Development Award

Supports junior faculty to conduct pancreatic cancer research and establish successful career paths in the field. Proposed research may be basic, translational, clinical or epidemiological in nature and must have direct applicability and relevance to pancreatic cancer

**DEADLINE:** November 20, 2020

**WEBSITE:** <https://www.pancan.org/research/grants-program/apply-for-a-pancreatic-cancer-research-grant/>

### PLASTIC SURGERY FOUNDATION

#### Pilot Research Grants

The PSF Pilot Research Grant is intended to support residents and junior faculty in their efforts to address focused research questions, obtain preliminary data to support larger grant proposals in the future, and develop a line of research that can be carried forward into an academic career.

**DEADLINE:** December 1, 2020

**WEBSITE:** <https://www.the-psf.org/research/grants-program/pilot-research-grants>

### AMERICAN LUNG ASSOCIATION

#### Catalyst Award

The Catalyst Award supports the next generation of scientists who are working toward independence by funding mentored-investigators who are conducting basic science, behavioral, clinical, or translational research into lung health.

**APPLICATION DEADLINE:** December 10, 2020

**WEBSITE:** <https://www.lung.org/research/awards-and-grants-opportunities>

### AMERICAN LUNG ASSOCIATION

#### Innovation Award

The Innovation Award supports promising independent investigators who are leveraging their existing body of work to conduct basic science, behavioral, clinical, or translational research for lung health. Applicants must have held a K or R type award within three years prior to applying.

**APPLICATION DEADLINE:** December 10, 2020

**WEBSITE:** <https://www.lung.org/research/awards-and-grants-opportunities>

### MARYLAND STEM CELL RESEARCH FUND (MSCRF)

MSCRF offers six programs to accelerate discovery and commercialization of human stem cell-based technologies.

**DEADLINE:** PIs must register in the TEDCO online submission system at least one month before the Application Submission Deadline. Grant Applications must be submitted through the TEDCO online submission system by January 14, 2021, no later than 5:00pm.

**WEBSITE:** <https://www.msccrf.org/funding-opportunities>

### AMERICAN HEART ASSOCIATION

#### Career Development 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 to assure the applicant's future success as a research scientist in the field of cardiovascular and/or cerebrovascular disease research.

**DEADLINE:** February 16, 2021

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