

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

December 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>

Giving a Good Research Talk

Thursday, January 28 • 9:00 – 10:00am (Zoom)

This seminar will address the information covered in a research talk, including how to use graphics appropriately. This seminar is intended to help participants understand how to communicate their research effectively and address some of the common mistakes speakers make when presenting their research.

Speaker: Ronna Hertzano, MD, PhD, Associate Professor, Department of Otorhinolaryngology-Head & Neck Surgery, 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. 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 2 sessions. Dates and subjects for the subsequent sessions will be announced in future newsletters.

Time Management; including When to Say “Yes” and How and When to Say “No”

Tuesday, January 26 • 9:00 – 10:00am (Zoom)

Early stage faculty face many demands on their time, and need to be strategic in identifying requests that are appropriate and which they can fulfill, as well as those which are beyond their field of expertise or maybe too time consuming at an early stage in their career. Dr. Lumpkins will address some of the most difficult scenarios facing new faculty: when to say “yes” to requests for service, teaching, collaborating, etc., and when – and how – to say “no” to requests, especially when these requests are made by senior faculty/your chairman. Dr. Lumpkins will provide criteria for identifying requests that may further a junior faculty member’s career. She will also provide tips for declining requests professionally, and in a way that leaves the door open to opportunities subsequently. She will conclude this session with tips for managing your time strategically.

Speaker: Kimberly Lumpkins MD, MBA, FACS, FRCS (Eng) Associate Professor of Surgery, Division of Pediatric Surgery & Urology, UMSOM

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

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, frequently 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. 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 three sessions. Dates and subjects for the subsequent monthly sessions will be announced in future newsletters.

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, Professor, Department of Orthopaedics, UMSOM

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

Developing Tables, Figures and Graphs for Your Research Paper

Thursday, January 14 • 9:00 – 10:00am (Zoom)

Tables, figures and graphs play a significant role in presenting and enhancing the writer's message in a scientific paper. Deciding when and how to use these visual aids -- and developing the most appropriate -- can be challenging. This session will provide tips to consider when producing effective tables, figures and graphs.

Speaker: Jessica Brown, PhD, Assistant Professor, Department of Epidemiology & Public Health, UMSOM

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

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>

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/>

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

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.

To register for this session, please email **Stacie Mendoza** at 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

PROFESSIONAL DEVELOPMENT RESOURCES RECOMMENDED BY RCD

DECEMBER PICKS!

Edge for Scholars

Templates for clinical trial documents including recruitment and retention plans:

(<https://trialinnovationnetwork.org/recruitment-retention-toolkit/?key-element=1681>)

Great resource for faculty writing grants!

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

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

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 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

410-706-0107



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OFFICE FOR RESEARCH CAREER DEVELOPMENT

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

FUNDING OPPORTUNITIES

MCKNIGHT FOUNDATION

Scholar Award

The McKnight Scholar Awards encourage neuroscientists in the early stages of their careers to focus on disorders of learning and memory.

APPLICATION DEADLINE: January 4, 2021

WEBSITE: <https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/scholar-awards/>

WHITEHALL FOUNDATION

Research Grants

Research Grants are available for researchers at all levels working on basic research in neurobiology. The overall goal of proposals should be to better understand behavioral output or brain mechanisms of behavior.

LOI DEADLINE: January 15, 2021

APPLICATION DEADLINE: June 1, 2021

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

NATIONAL INSTITUTES OF HEALTH (NIH)

- **PAR-21-038 Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Clinical Trial Not Allowed)**
<https://grants.nih.gov/grants/guide/pa-files/par-21-038.html>
Scientific Contacts & IC Priority
Areas: <https://grants.nih.gov/grants/guide/contacts/ka-tzR01CTNotAllowed.html>
- **PAR-21-039 Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Basic Experimental Studies with Humans Required)**
<https://grants.nih.gov/grants/guide/pa-files/PAR-21-039.html>
Scientific Contacts & IC Priority
Areas: <https://grants.nih.gov/grants/guide/contacts/ka-tzR01BESH.html>

2021 Due Dates: January 26, May 26, September 28

UMB INSTITUTE FOR CLINICAL AND TRANSLATIONAL RESEARCH (ICTR)/CTSA

KL2 Mentored Career Development Award

The purpose of the KL2 is to provide support for clinical and translational research training and career development of persons in relevant disciplines and professions from the six professional schools on the UMB campus (Dentistry, Law, Medicine, Nursing, Pharmacy, and Social Work).

DEADLINE: January 29, 2021 at 5:00 PM EST

WEBSITE: <https://www.umaryland.edu/ictr/education-and-training/ictr-training-and-career-development-core/umb-ictctsa-kl2-mentored-career-development-award/>

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/>