

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

MAY 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.

NEW CAREER SKILLS SHORT SESSIONS Bi-monthly Seminar Series

The purpose of this short series is to discuss best practices for research skills essential for early stage faculty and senior postdoctoral fellows career development. This new series will include bi-monthly short sessions that are no longer than 30 minutes (20 minute lecture followed by 10 minutes of questions and answers). Each session will cover a topic related to grant writing, scientific communication, and career advancement. Registration is available for the next two sessions.

Figures for your Career Development Application Wednesday, June 9 • 9:00 – 9:30am (Zoom)

Speaker: **Mary-Claire Roghmann, MD, MS**, Associate Dean for Physician Scientist Training; Professor of Epidemiology and Public Health and Medicine; Associate Program Director for Research Career Development, UMSOM

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

Maximizing the Design of Your Scientific Illustrations

Wednesday, June 16 • 9:00 – 9:30am (Zoom)

Speaker: **Karen Scanlon, PhD**, Assistant Professor, Department of Microbiology and Immunology, 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.

Leading a Diverse and Inclusive Lab Tuesday, May 11 • 9:00 – 10:00am (Zoom)

Research teams composed of individuals from diverse backgrounds and life experiences have been shown to be more effective in scientific problem solving and driving discovery and innovation. Enhancing diversity in research teams and programs requires creating an inclusive environment where all members of a lab are supported and valued. During this session panelists will discuss the benefit of managing a lab with diverse members, and best practices for cultivating an inclusive, safe, and supportive environment where all trainees and peers can thrive.

Panelists:

Alexandros Pouloupoulos, PhD
Assistant Professor, Department of Pharmacology, UMSOM

Luana Colloca, MD, PhD, MS
Associate Professor, UMSOM, Director, CTSA TL1 Pre- and Postdoctoral Training Program, UMSOM

Mary Kay Lobo, PhD
Professor, Anatomy & Neurobiology, 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 two sessions.

Writing and Conducting a Systematic Review Thursday, May 13 • 9:00 – 10:00am (Zoom)

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

Responding to Reviewers

Thursday, June 17 • 9:00 – 10:00am (Zoom)

The ability to effectively respond to reviewers is an important aspect of resubmitting a research paper, and having it accepted for publication; however, this process can be a daunting task. During this session, participants will receive helpful advice on how to best respond to reviewers' comments when resubmitting a research paper.

Speaker: Stefanie Vogel, PhD, Professor, Department of Microbiology and Immunology, UMSOM

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

FUNDING SEMINAR SERIES Monthly Seminar Series

Department of Defense (DoD) Funding Seminar Thursday, May 6 • 1:00 – 2:00pm (Zoom)

The Department of Defense (DoD) offers a number of funding opportunities available to faculty and postdocs. This seminar will introduce participants to the various types of grant applications available through the DoD. Subjects will include how to identify the appropriate award mechanism, tips for applying, and insights into the review process.

Speakers: Gary Fiskum, PhD, M. Jane Matjasko Professor for Research & Vice Chair, Research, Dept of Anesthesiology, UMSOM; and **Mohammad Minhaj Siddiqui, MD**, Associate Professor of Surgery, Director of Urologic Oncology and Robotic Surgery; Chief of Urology, Baltimore VA Medical Center

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

FUNDING SEMINAR SERIES (continued) Monthly Seminar Series

Finding Foundation Grant Funding for Young Investigators

Tuesday, May 25 • 9:00 – 10:00am (Zoom)

As the pool of funding becomes increasingly competitive, private foundations and other non-government grants can fund research, fill funding gaps during lean times, keep work going while a principal investigator applies for government funds, or support a pilot project designed to obtain data necessary to compete for larger grants. This session will highlight how UMSOM early career faculty can work with the School of Medicine Foundation Relations team to find and apply for funding opportunities that are geared toward young investigators. Even though this session will focus on early career faculty, practical tips and strategies will be presented that are applicable to everyone.

Speaker: Emily Boydston, Development Associate - Foundation Relations, Office of 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.**

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 the 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.

OFFICE OF RESEARCH & SCHOLARSHIP University of Maryland School of Nursing

Site and Staff Engagement:

Resources and guidance for understanding who is engaged in your human subjects research protocol

Thursday, May 20 • 12:00 – 1:00pm (Zoom)

Please join Casey Jackson, MS, CCRP, Research Quality Manager for the UMSON as she presents upon the topic of site and staff engagement in human subjects research. Resources and guidance for understanding who is engaged in your human subjects research protocol will be highlighted.

Presenter: Casey Jackson, MS, CCRP, Research Quality Manager, Office of Research and Scholarship, UMSON

Registration required online at:

<https://umaryland.webex.com/umaryland/onstage/g.php?MTID=e0d477a661658c27190e4091d3765eb58>

Center for Data and Bioinformation Services (CDABS) Health Sciences and Human Services Library (HSHSL)

National COVID Cohort Collaborative (N3C) Data Now Available to UMB Researchers

The [Center for Data and Bioinformation Services \(CDABS\)](#) at the Health Sciences and Human Services Library (HSHSL) is excited to announce that the University of Maryland, Baltimore has recently signed a Data Use Agreement with the National Center for Advancing Translational Sciences (NCATS), making the [National COVID Cohort Collaborative \(N3C\) Data Enclave](#) available to UMB researchers.

N3C is an innovative new analytics platform containing clinical data from the electronic health records of people who were tested for the novel coronavirus or who had related symptoms. This data resource will help scientists further understand the disease, including potential risk factors, protective factors and long-term health consequences. The N3C Data Enclave was launched by NCATS and the National Center for Data to Health (CD2H), in partnership with experts from Observational Health Data Sciences and Informatics (OHDSI), PCORnet, the Accrual to Clinical Trials (ACT) network, and TriNetX.

For more information about gaining access to this valuable new resource, please see the full [CDABS announcement](#).

Questions? Contact: Amy Yarnell, Data Services Librarian and Jean-Paul Courneya, Bioinformationist at data@hshsl.umaryland.edu.

NIH UPDATE

NOT-OD-21-073: Upcoming Changes to the Biographical Sketch and Other Support Format Page for Due Dates on or after May 25, 2021

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-073.html>
This Notice informs the extramural community that NIH has updated its application forms and instructions to support the need for applicants and recipients to provide full transparency and disclosure of all research activities, foreign and domestic. The updated forms and instructions will be required for use for applications and Research Performance Progress Reports (RPPR) submitted for due dates on or after **May 25, 2021**. Updated instructions and templates for the NIH biosketch can be found at <https://grants.nih.gov/grants/forms/biosketch.htm>. Updated instructions and templates for the other support page can be found at <https://grants.nih.gov/grants/forms/othersupport.htm>.

PROFESSIONAL DEVELOPMENT RESOURCES RECOMMENDED BY RCD MAY PICKS!

The Effort Report (podcast)

<https://effortreport.libsyn.com/>

Professors Elizabeth Matsui and Roger Peng talk about life in the academic trenches, telling it like it is. Topics of discussion include:

- Grant writing
- Getting published
- Collaborating
- Teaching during the pandemic
- And so much more!

The Edge for Scholars

Articles on Managing Your Research Team

1. How to Manage People as a New Investigator

Rebecca Helton, MA

Tips from three newly independent investigators who run research teams.

<https://edgeforscholars.org/how-to-manage-people-as-a-new-investigator/>

2. A Guide to Managing Research Teams

Timothy Hohman, PhD

Training infrastructure for research groups including modern web-based platforms.

<https://edgeforscholars.org/a-guide-to-managing-research-teams/>

3. Build a Great Team: Help Your Staff Help You

Rebecca Helton, MA

Your staff is here to help you succeed. Use their talents well.

<https://edgeforscholars.org/build-a-great-team-help-your-staff-help-you/>

EDGE for Scholars is a **free** online community for candid conversations about academic life including grants, funding, writing, publishing, productivity, mentoring and so much more. Visit their website and sign up to receive their free weekly e-newsletters:

<https://edgeforscholars.org/>

NEW!

Join Office of Research Career Development's Microsoft Teams Page!

This page serves as a hub for all ORCD's seminar recordings and slides.

Click on the link below and then go to the "FILES" tab.

<https://teams.microsoft.com/l/team/19%3a7a8c2a7346504ab29ce68a2430868fc0%40thread.tacv2/conversations?groupId=a2cb7ca2-f2d2-45de-a17e-7bbefeb3a92d&tenantId=717009a6-20de-461a-8894-0312a395cac9>

This page will be updated with materials for future seminars once they become available. **Please note:** Only those with a UMB email address will be able to join and access this page.

If you have any questions, please contact Stacie Mendoza, Program Director, at smendoza@som.umaryland.edu

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 an 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/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 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/>
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FUNDING OPPORTUNITIES

ONE MIND

Rising Star Research Award

These awards support highly meritorious early career investigators with innovative ideas and approaches for accelerating research on major neuropsychiatric disorders, such as anxiety, bipolar disorder, compulsive disorders, including OCD and eating disorders, depression, post-traumatic stress and other trauma-related disorders, schizophrenia, suicidality, and other serious psychiatric illnesses.

ELIGIBILITY: Early career investigator, candidates should be within 10 years of their initial independent appointment as an assistant professor for academic institutions or equivalent for non-academic positions. Note that postdoctoral fellows are ineligible.

AWARD AMOUNT: \$300,000, with \$100,000 distributed annually over a 3-year period.

DEADLINE: June 1, 2021

WEBSITE: https://onemind.org/rising-star-awards/?utm_source=OM+Researcher+List&utm_campaign=f7eff56845-6845-

[6845-EMAIL_CAMPAIGN_2020_12_11_10_52_COPY_01&utm_medium=email&utm_term=0_a93297ec66-f7eff56845-232370518](https://onemind.org/rising-star-awards/?utm_source=OM+Researcher+List&utm_campaign=f7eff56845-6845-6845-EMAIL_CAMPAIGN_2020_12_11_10_52_COPY_01&utm_medium=email&utm_term=0_a93297ec66-f7eff56845-232370518)

ROBERT WOOD JOHNSON FOUNDATION (RWJF)

Health Equity Scholars for Action (HES4A)

2021 Call for Proposals

The goal of HES4A is to support the career development and academic advancement of researchers from historically underrepresented backgrounds who conduct health equity research.

ELIGIBILITY: Applicant must:

- Be from a systematically marginalized group that has historically been underrepresented in research disciplines. The term “systematically marginalized” refers to the challenges facing individuals because of their race, ethnicity, gender expression or sexual orientation, socioeconomic status, or similar factors. Eligible individuals include, but are not limited to:
 - Individuals from ethnically and racially minoritized groups underrepresented in research disciplines
 - First-generation college graduates
 - People for whom English is not a native language
 - People from low-income communities
 - LGBTQ+ individuals
 - Individuals with disabilities

DEADLINE: June 16, 2021

WEBSITE: https://www.rwjf.org/en/library/funding-opportunities/2021/health-equity-scholars-for-action.html?rid=0034400001rmCawAAE&et_cid=2456344

MICHELSON MEDICAL RESEARCH FOUNDATION

Human Vaccines Project - Next Generation Grants

Next Generation Grants support promising young researchers who are applying disruptive concepts and inventive processes to advance human immunology, vaccine discovery, and immunotherapy research for major global diseases.

ELIGIBILITY: Applicants must be 35 years or younger at the time of application submission (born on or after June 18, 1985). Junior Faculty, postdoctoral fellows, clinical fellows (residents and interns), doctoral students and other researchers in training or non-tenure track positions are eligible to apply.

AWARD AMOUNT: \$15,000 for one year

APPLICATION DEADLINE: June 18, 2021

WEBSITE: <https://michelsonprizes.smapply.org/>

NATIONAL INSTITUTES OF HEALTH (NIH) - COMMON FUND

2022 NIH Director's Pioneer Award (DP1 - Clinical Trial

Optional): [RFA-RM-21-015](#)

Supports scientists with outstanding records of creativity proposing pioneering approaches to major challenges in any area of science relevant to the broad mission of NIH. Individuals from diverse backgrounds and from the full spectrum of eligible institutions in all geographic locations are strongly encouraged to apply to this Funding Opportunity Announcement. In addition, applications in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, topics in the behavioral, social, biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research.

- Open to all career stages
- Single-PI applications only
- No preliminary data required
- Must be new scientific research direction

AWARD AMOUNT: \$700,000 direct costs per year for 5 years

APPLICATION DEADLINE: September 10, 2021

WEBSITE: <https://commonfund.nih.gov/pioneer>

Website includes FAQs, an application guide with a sample application, and past webinar (a new webinar will be forthcoming).

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

410-706-0107



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