

CARTI

CENTER for ADVANCED RESEARCH TRAINING & INNOVATION



The **Center for Advanced Research Training & Innovation (CARTI)** newsletter lists upcoming events, resources, services and grant deadlines for UMB research faculty and fellows. To register for CARTI's upcoming events, click [HERE](#).

Highlights in this Issue:

Upcoming Seminars:

- **Developing Leadership Skills as a Research Investigator** (Jan 10 @ 1pm; Zoom)
- **Identifying Sources of Funding for Your Research** (Jan 11 @ 9am; Zoom)
- **Tips for Writing Case Reports, Commentaries and Review Articles** (Jan 12 @ 9am; Zoom)
- **Giving a Good Research Talk** (Jan 18 @ 9am; Zoom)
- **The Basics of Writing a Research Grant** (Jan 25 @ 9am; Hybrid)
- **Developing Your Research Question, Hypothesis, and Specific Aims** (Feb 8 @ 10am; Hybrid)
- **Ethical Considerations in Determining Authorship** (Feb 16 @ 9am; Hybrid)
- **NIH Basics: Understanding Grant Mechanisms, Funding Announcements, and using NIH RePORTER** (Feb 21 @ 9am; Hybrid)
- **Holding Effective Lab Meetings** (Feb 22 @ 1pm; Zoom)
- **UMSON, Research Seminar Series: NIH Policy Data Sharing** (Jan 19 @ 12pm; Webex)

CARTI Counseling Sessions: Individual appointments are available (Jan 25 & Jan 26; Zoom)

Funding Opportunities: Foundation Fighting Blindness, Sarcoma Foundation of America, Prostate Cancer Foundation, National Kidney Foundation, Klingenstein Philanthropies, New York Stem Cell Foundation, Simons Foundation Autism Research Initiative

CARTI's Upcoming Seminars

Managing Your Research Program Seminar Series

Developing Leadership Skills as a Research Investigator

Tuesday, January 10
1:00 – 2:00pm
Zoom

The transition to leading a research team can be a difficult one for junior faculty/senior postdocs. This session addresses the role of a research program/team leader. Subjects include strategies for identifying and developing effective leadership skills as well as tips for building and maintaining an effective team.

Speaker: **Kevin J. Cullen, MD**, Marlene and Stewart Greenebaum Distinguished Professor of Oncology; Director, University of Maryland, Marlene and Stewart Greenebaum Comprehensive Cancer Center, UMSOM

[Register Now!](#)

Research Skills Seminar Series

Giving a Good Research Talk

Wednesday, January 18
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**, Professor, Department of Otorhinolaryngology-Head & Neck Surgery, UMSOM

[Register Now!](#)

Scientific Writing Seminar Series

Tips for Writing Case Reports, Commentaries and Review Articles

Thursday, January 12

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 Marie Viscardi, MD, Professor Emeritus, Department of Pediatrics, UMSOM

[Register Now!](#)

Ethical Considerations in Determining Authorship

Thursday, February 16

9:00 – 10:00am

Hybrid Session: MSTF Room 354 & 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 and Vice Chair, Department Anatomy & Neurobiology, UMSOM

[Register Now!](#)

Career Skills "Short" Seminar Series

30-Minute Sessions

Identifying Sources of Funding for Your Research

Wednesday, January 11

9:00 – 9:30am

Zoom

This 30-minute session will assist faculty and postdoctoral fellows in identifying 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

Speaker: **Stacie Mendoza**, Program Director, Center for Advanced Research Training & Innovation (CARTI), UMSOM

[Register Now!](#)

Holding Effective Lab Meetings

Wednesday, February 22

1:00 – 1:30pm

Zoom

Regularly occurring laboratory meetings are essential for enhancing information sharing, productivity, and a sense of community within a research team. This 30-minute session will discuss recommendations for holding effective lab meetings that are focused, productive, and engage all members within the laboratory. Additionally, we will discuss strategies for making the most of virtual lab meetings.

Speaker: **Donna Calu, PhD**, Associate Professor, Department of Anatomy and Neurobiology, UMSOM

[Register Now!](#)

New "Introduction to Grant Writing" Seminar Series

The Basics of Writing a Research Grant

Wednesday, January 25

9:00 - 10:00am

Hybrid Session: MSTF Room 354 & Zoom

This session will provide a broad overview of writing a research grant. Topics will include early considerations before writing a grant application, including various funding mechanisms. The session will introduce the major components of a grant application, and best practices for writing each section.

Speaker: **Mary-Claire Roghmann, MD, MS**, Professor, Department of Epidemiology & Public Health; Associate Dean for Physician-Scientist Training, UMSOM

[Register Now!](#)

Developing Your Research Question, Hypothesis, and Specific Aims

**Wednesday, February 8
10:00 – 11:00am**

Hybrid Session: HSRF III, Room 1010 (1st floor) & Zoom

Explaining the fundamental idea of your research project on paper is essential for writing grants. The purpose of this seminar 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, Executive Director for Faculty Development, Center for Advanced Research Training & Innovation (CARTI), UMSOM

[**Register Now!**](#)

NIH Basics: Understanding Grant Mechanisms, Funding Announcements, and using NIH RePORTER

**Tuesday, February 21
9:00 – 10:00am**

Hybrid Session: HSRF III, Room 1010 (1st floor) & Zoom

Understanding the NIH organizational structure, how to identify the right funding mechanism and announcement, and the grants review process is an essential first step before applying for NIH funding. This session will provide an overview of the NIH grants process, as well as, helpful resources for early stage faculty not familiar with NIH funding. This workshop will cover topics including: an overview of the different NIH funding mechanisms; identifying Funding Opportunity Announcements (FOAs); using NIH RePORTER; and the NIH system of Peer Review.

Speaker: Marey Shriver, PhD, Executive Director for Faculty Development, Center for Advanced Research Training & Innovation (CARTI), UMSOM

[**Register Now!**](#)

CARTI Counseling Sessions

CARTI is offering individual counseling sessions to assist early-stage faculty and senior fellows at UMB with identifying long and short-term research career goals and resources for achieving those goals.

To request a meeting, please complete the [request form](#) online and include your preferred date/time slot from the options below:

Wednesday, January 25th (via Zoom)

- 2:00 - 2:30pm
- 2:30 - 3:00pm
- 3:00 - 3:30pm

Thursday, January 26th (via Zoom)

- 9:00 - 9:30am
- 9:30 - 10:00am
- 10:00 - 10:30am

Scholarly Writing Accountability Group (SWAG) Program

Virtual Program to Help Faculty Increase Their Scholarly Writing Productivity

The Center for Advanced Research Training & Innovation (CARTI) 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*

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

New SWAG forming:

- **Fridays from 12-1pm** (Jan 13 - Mar 17)
- 2 spots left

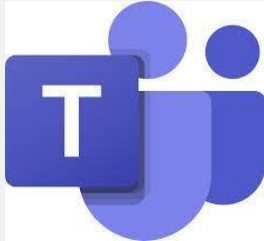
Registration

New SWAGs at UMB are being formed on a rolling basis. If you're interested in participating, please submit the following [REQUEST FORM](#).

and 2) identifying and prioritizing feasible writing goals.

Questions? Email [Stacie Mendoza](mailto:Stacie.Mendoza)

CARTI'S Seminar Slides & Recordings



Join CARTI's Microsoft Teams Page!

This [page](#) serves as a hub for CARTI's seminar recordings and slides for the seminar series listed below:

- **Managing Your Research Program**
- **Scientific Writing**
- **Research Skills** (*grant writing, presentations, etc*)
- **Funding Seminar Series**
- **Career Skills Short Seminar Series** (*30 minute lectures*)
- **Communicating Research Findings with a Broad Audience Seminar Series**
- **UM Ventures Seminar Series:** *Intellectual Property Protection, Commercialization, & Industry Partnerships*

To gain access, email [Stacie Mendoza](mailto:Stacie.Mendoza).

CARTI'S Individual Consultations

Research Grant Application/Summary Statement Consultations

Christy Chang, PhD, Senior Program Advisor, 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

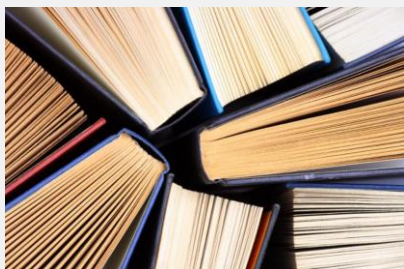
Career Development (K) Grant Application/Summary Statement Consultations

Marey Shriver, PhD, Executive Director for Faculty 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

Identifying Sources of Funding Consultations

Stacie Mendoza, Program Director, 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

CARTI'S Mini Library



The CARTI's "Mini Library" provides access to books that are relevant to developing the professional skills and success of an academic research career of SOM faculty.

A complete list of books can be found [HERE](#)

Books are available in the CARTI office located at **MSTF Building, Room 319** and can be signed out for up to 3 weeks. Email Stacie Mendoza if you would like to set up a time to visit our library.

University of Maryland School of Nursing *Research Seminar Series*

NIH Data Sharing Policy

Thursday, January 19

12:00 - 1:00pm

Webex

Speaker: **Taunton Paine, M.A.**, Director, Scientific Data Sharing Policy Division, Office of Science Policy, National Institutes of Health

[Register Now!](#)

UMB Graduate School

Applications are now being accepted by the UMB Graduate School for the following:

- **Master of Science in Epidemiology and Clinical Research –Clinical Research Track**
- **Certificate Program in Clinical Research**

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

Early Admission Deadline: March 1, 2023

Final Application Deadline: May 15, 2023

For more information, visit the [WEBSITE](#)

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

Early Admission Deadline: March 1, 2023

Final Application Deadline: May 15, 2023

For more information, visit the [WEBSITE](#)

In particular, read the "Frequently asked questions" for each.

For an individual consultation on whether this training is appropriate for you, please contact **Jennifer Albrecht, PhD** at jalbrecht@som.umaryland.edu

Funding Opportunities

FOUNDATION FIGHTING BLINDNESS

Career Development Program

The Career Development Program supports the advancement of junior clinical research scientists in their professional endeavors to cure retinal degenerative disease.

DEADLINE: February 1, 2023

Visit [WEBSITE](#) for more info

SARCOMA FOUNDATION OF AMERICA

Research Grants

The Research Grant supports pre-clinical, translational, and clinical research on the etiology, molecular biology, pathogenesis, diagnosis, and treatment of human sarcomas.

DEADLINE: February 1, 2023

Visit [WEBSITE](#) for more info

PROSTATE CANCER FOUNDATION

2023 Young Investigator Awards

The Young Investigator Award supports early-career basic scientists, medical oncologists, pathologists, urologists, radiologists, radiation oncologists, public health experts, bioinformaticians, bioengineers, or professionals from any other field that could contribute to the end of prostate cancer.

LOI DEADLINE: February 10, 2023

Visit [WEBSITE](#) for more info

NATIONAL KIDNEY FOUNDATION

Young Investigator Research Grant Program

The Young Investigator Research Grant Program supports clinical research studies addressing important issues for patients with kidney disease.

DEADLINE: February 13, 2023

Visit [WEBSITE](#) for more info

KLINGENSTEIN PHILANTHROPIES

Klingenstein-Simons Foundation Fellowship Awards in Neuroscience

The fellowship supports innovative research by early career investigators whose research has relevance for understanding the mechanisms underlying any of a wide range of neurological and behavioral disorders and may lead to improvements in the diagnosis and treatment of these disorders. The following areas within neuroscience are of particular interest: Cellular and molecular neuroscience; Neural systems; and Translational research.

APPLICATION DEADLINE: February 15, 2023

Visit [WEBSITE](#) for more info

NEW YORK STEM CELL FOUNDATION

Robertson Stem Cell Investigator Awards

NYSCF is soliciting applications from early career investigators for awards to support translational stem cell research. The aim of this initiative is to support highly innovative, emerging scientists whose pioneering approaches have the potential to transform the field of stem cell research, and that leverage stem cells to advance the understanding and treatment of human disease.

APPLICATION DEADLINE: February 15, 2023

Visit [WEBSITE](#) for more info

SIMONS FOUNDATION AUTISM RESEARCH INITIATIVE (SFARI)

Bridge to Independence Award

The Bridge to Independence Award program engaged talented early-career scientists to pursue autism research by facilitating their transition to research independence and providing grant funding at the start of their faculty positions at a U.S. or international research institution.

LOI AND LETTERS OF RECOMMENDATION

DEADLINE: February 16, 2023

FINALIST INTERVIEWS: June 1-2, 2023

Visit [WEBSITE](#) for more info

Seeking Foundation Funding for your Research?

The SOM's Office of Development, Corporate and Foundation Relations, provides services and resources to assist UMSOM faculty with identifying private foundation funding for research, programs, educational initiative, and community outreach at the local, regional, and national level. Visit their [website](#) for more information and to schedule an appointment.

Additional funding opportunities can be found at:
[UMSOM Internal Funding Opportunities & External Funding Databases](#)

[UMGCCC Funding Database](#)
(Cancer related research)

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