

# 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:

- **(New) UM Ventures: IPP, Commercialization, & Industry Partnerships** (*3-Part Seminar Series*)
- **Introduction to Clinical and Translational Research at UMB & Baltimore VA** (*1-week course*)
- **Scholarly Writing Accountability Groups (SWAG)** (*new groups starting in June*)
- **New NIH Policy for Data Management and Sharing** (*coming January 2023*)
- **Funding Opportunities: NIH, Burroughs Welcome Fund, March of Dimes, and more...**

## CARTI's Upcoming Seminars

### UM VENTURE SERIES

#### Intellectual Property Protection, Commercialization, & Industry Partnerships 3-Part Seminar Series

Tuesdays, June 7<sup>th</sup>, 14<sup>th</sup> & 21<sup>st</sup> • 1:00 – 2:00pm (Zoom)

In collaboration with UM Ventures, Baltimore, the Center for Advanced Research Training and Innovation (CARTI) is sponsoring a new 3-part seminar series to help UMB investigators navigate through the technology transfer and commercialization process. UM Ventures, Baltimore provides services and resources to investigators to assist with obtaining intellectual property protection, technology commercialization, startup formation, successful industry partnerships, and realizing financial gains with royalty and licensing revenues.

Please see the details for each session and how to register below:

#### June 7: UM Ventures Introduction and Intellectual Property

##### Topics covered:

- Overview of UM Ventures' mission

- Office of Technology Transfer (OTT) resources
- Technology transfer process
- Invention disclosure & Intellectual Property (IP)-related Confidential Disclosure Agreements (CDAs)
- Intellectual Property (IP) policy
- Government reporting & Compliance
- Types of Intellectual Property (IP)

**Presenters:**

- **Nancy Cowger, PhD**, Director, Technology Licensing, Office of Technology Transfer, UMB
- **Rebecca Bettes, MS, MBA**, Senior Licensing Officer, Office of Technology Transfer, UMB
- **Dustin Lee, JD**, Patent Attorney Office of Technology Transfer, UMB
- **Gail Knott**, Senior Research Technology Transfer Specialist, Office of Technology Transfer, UMB

## June 14: Marketing, Agreements, and Revenue

**Topics covered:**

- Overview of Marketing Intellectual Property (IP) and IP-related confidential disclosure agreements (CDAs)
- Co-owned Intellectual Property (IP)
- Inventions with collaborators
- Sponsored Research Agreements (SRAs) and Intellectual Property (IP)
- Licenses & Start-Ups
- Compliance/Accounting
- Revenue Distribution to Inventors

**Presenters:**

- **Rebecca Bettes, MS, MBA**, Senior Licensing Officer, Office of Technology Transfer, UMB
- **Gail Knott**, Senior Research Technology Transfer Specialist, Office of Technology Transfer, UMB
- **Nancy Woon Schaefer**, Assistant Finance Director, Office of Research and Development, UMB

## June 21: Startup Support and Resources

**Topics covered:**

- Introduction to the New Ventures team
- Office of Technology Transfer (OTT) campus resources for PIs and startups
- Maryland Innovation Initiative (MII) Site Miners & Entrepreneurs in Residence (EIRs)
- Funding Sources
- Investments
- Campus Initiatives

**Presenters:**

- **Rebecca Bettes, MS, MBA**, Senior Licensing Officer, Office of Technology Transfer, UMB
- **Rana Quraishi, PhD**, Director of New Ventures, UM Ventures Office, UMB
- **Mary Morris**, Director of the Baltimore Economic Development Fund, UM Ventures Office, UMB

*Please register for the entire series and only attend the session(s) of your choice.*

Click [HERE](#) to register

# Clinical & Translational Research Training

## Introduction to Clinical and Translational Research at UMB & Baltimore VA

**August 1-5, 2022**

9:00 – 3:15pm (Monday – Thursday)\*

9:00 – 2:00pm (Friday)

*\*ending times vary*

**LOCATION:** HSFII Auditorium, 20 Penn Street, Baltimore, MD 21201

The Department of Epidemiology and Public Health at UMSOM is pleased to sponsor the 21<sup>st</sup> annual “Introduction to Clinical and Translational Research at UMB & Baltimore VA” course.

This course is open to all UMB and Baltimore VA faculty, fellows, residents, students and staff with an interest in clinical and translational research. This course is designed for new researchers, or those looking for a refresher, who struggle with designing good studies and/or writing publishable manuscripts/grants.

The course is **free** of charge and **only** open to those affiliated with the University of Maryland, Baltimore (UMB) and Baltimore VA.

**CREDITS:** To receive academic/graduate school credit, students already enrolled in a UMB graduate school program should register for PREV 616 in the 2022 fall semester. To register for PREV 616 in the fall, contact your graduate program office. Anyone who is interested in registering for PREV616 in the fall, **MUST** contact **Dr. Kristen Stafford** to discuss eligibility prior to registering. Dr. Stafford’s email is [kstafford@ihv.umaryland.edu](mailto:kstafford@ihv.umaryland.edu)

CME credits and other continuing medical education credits will **not** be offered for this one-week course.

#### **COURSE AGENDA:**

<https://www.medschool.umaryland.edu/k30/Summer-Course-Introduction-to-Clinical-and-Translational-Research-at-UMB--Baltimore-VA/>

#### **COURSE DIRECTORS:**

- **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology and Public Health, UMSOM
- **John Sorkin, MD, PhD**, Professor, Department of Medicine, Chief, Biostatistics and Informatics, UMSOM
- **Kristen Stafford, PhD, MPH**, Associate Professor, Department of Epidemiology and Public Health, UMSOM

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

This course is jointly sponsored by:

- University of Maryland Claude D. Pepper Older Americans Independence Center (UM-OAIC)
- Baltimore VA Medical Center, Geriatric Research Education and Clinical Centers (GRECC)
- Center for Advanced Research Training & Innovation, UMSOM (CARTI)

**Registration is required**

***This is an in-person course***

Click [HERE](#) to register

## **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?**

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



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.*

- goals
- Improved time management skills
- Gain a greater sense of control over the writing process
- Build a small community of support/social network

### Summer SWAG Opportunities

- **Thursdays 4-5pm** (June 9 - August 11)
- **Tuesdays 9-10am** (June 14 - August 16)

### Registration

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

Questions? Email [Stacie Mendoza](#)

## Professional Development Resources Recommended by CARTI

### EQUATOR Network

The **EQUATOR** (*Enhancing the QUALity and Transparency Of health Research*) **Network** is an international initiative that seeks to improve the reliability and value of published health research literature by promoting transparent and accurate reporting and wider use of robust reporting guidelines. Specifically, EQUATOR maintains and develops a comprehensive collection of online resources with information, tools, and other materials related to health research reporting. Their toolkit contains resources for writing research, selecting the appropriate reporting guidelines based on your study type, peer reviewing research, and developing reporting guidelines for your study. Visit the [website](#) for more information.

### Methods: Mind the Gap Webinar Series

*Sponsored by the NIH*

These webinars explore research design, measurement, intervention, data analysis, and other methods of interest in prevention science.

**Upcoming Webinars:**

**Multiple Imputation Methods for  
Group-Based Interventions**

**June 17 @ 2:00PM ET**

Visit the [website](#) to register and to access past webinars.

### Center for Data and Bioinformation Services (CDABS)

CDABS is the data and bioinformation hub for the UMB/UMMC community. We offer a comprehensive range of services for working with data at each stage of your research project, from do-it-yourself guides and tutorials to interactive workshops and personalized consultations.

CDABS offers:

- Guidance on **data management** and writing data management plans, and support for tools like DMPTool and OSF.
- Helpful in-house **resources** like the UMB Data Catalog and the high-performance Bioinformatics and Data Science Workstation
- Specialized **services** like sequence data submission to genomic repositories and data visualization for grants and publications
- **Facilitated access** to special datasets and repositories, such as ICPSR, All of Us, and N3C
- **Communication** about data-related events and opportunities at UMB and beyond

Visit the [CDABS web portal](#) to quickly and easily navigate the many data and bioinformation related resources and services we provide at the HSHSL, as well as those on campus and beyond. **For questions, contact:** [data@hshsl.umaryland.edu](mailto:data@hshsl.umaryland.edu).



## 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*)

To gain access, email [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](mailto:cchang@som.umaryland.edu)

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

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### 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](mailto: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.

# Office of Faculty Affairs & Professional Development

## Faculty Development Workshops

### Preparing for Promotion

June 15, 2022

10:00 – 12:00pm

Click [HERE](#) to register

**Objectives:** Upon completion of this activity, participants should be able to:

1. Develop a Clinical Portfolio
2. Develop a Teaching Portfolio
3. Learn to correctly research publications and citation analysis
4. Prepare a correctly formatted Curriculum Vitae

#### **Accreditation**

*The University of Maryland School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.*

*The University of Maryland School of Medicine designates this Live activity for a maximum of 2.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.*

#### **Credits**

*AMA PRA Category 1 Credits™ (2.00 hours), Non-Physician Attendance (2.00 hours)*

Please contact **Ms. Robertha Simpson** at [rsimpson@som.umaryland.edu](mailto:rsimpson@som.umaryland.edu) with any questions.

## University of Maryland School of Nursing

### Research Seminar Series

#### Qualitative Research and the IRB: A Primer for Researchers

Thursday, June 16 • 12:00 – 1:00pm (Webex)

**Speakers:** Patricia Condon, PhD and Andrew Hedrick, MPA, CIP

Click [HERE](#) to register

## UMB Student Affairs

#### Exploring Anti-Racist Practices in the Workplace

Thursday, June 30, 2022  
12:00 - 1:00pm

What does diversity look like in the workplace? How can you apply a DEI lens? In this workshop, participants will gain a greater understanding of diversity, equity, and inclusion (DEI) as a tool to improve organizational effectiveness, culture, and inclusivity.

Visit [WEBSITE](#) for more information and to register

#### Social Media for Career Development

Friday, August 12, 2022  
12:00 - 1:00pm

Social media is an ever-present component of society, but have you ever wondered, "what do my social media profiles say about me professionally?" Join Jenn Aumiller as she shares how to make social media work for you in developing a professional brand as you grow in your career.

Visit [WEBSITE](#) for more information and to register

## ***New NIH Policy for Data Management and Sharing Coming Jan 2023***

On January 25, 2023, the new NIH Policy for Data Management and Sharing will come into effect. This new policy will require:

1. Submission of a **data management and sharing plan** with all NIH grant applications for projects that generate scientific data, and
2. **Compliance** with that plan

Have no fear, the [Center for Data and Bioinformation Services](#) (CDABS) is here to help you prepare for this change! CDABS facilitates access for UMB researchers to several [great resources](#) for working with data at all stages of the data lifecycle. You can write and request feedback on your data management plans with [DMPTool](#) and stay organized with [OSF](#), a collaborative project management tool. [ICPSR](#) and [QDR](#) are excellent repository options for sharing sensitive data, and the [UMB Data Catalog](#) can hold a record of your shared data, with metadata and access instructions. [Schedule a consult with us](#) to talk more in-depth about your personalized data management needs, finding an appropriate repository, and anything else data-related!

For more information, read the [policy full text](#), and visit the new [NIH Data Sharing website](#) for policy breakdown, supplemental information, and news. Stayed tuned to this space for announcements on additional workshops and resources offered by CDABS.

**Questions?** Contact: Amy Yarnell, data services librarian and Jean-Paul Courneya, bioinformationist, at [data@hshsl.umaryland.edu](mailto:data@hshsl.umaryland.edu).

## **NIH COVID-19 Related Updates & Funding**

### **NIH Updates**

Information for NIH Applicants and Recipients of NIH Funding during COVID-19 Pandemic (*including Funding Opportunities Specific to COVID-19*) can be found [HERE](#)

### **COVID-19 Funding Websites**

The following websites provide a frequently updated listing of COVID-19 related funding opportunities.

- **UNIVERSITY OF MARYLAND**

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.

- **JOHNS HOPKINS UNIVERSITY**

## **Funding Opportunities**

### **March of Dimes**

#### **Basil O'Connor Starter Scholar Research Award**

March of Dimes invites applications for impactful research studies that will advance our translational understanding of, or lead to improved clinical treatment of, any serious medical conditions that affect the health of a woman's pregnancy and/or mothers and newborns within the first year postpartum. Applications focused on preterm birth and health equity are prioritized.

### **Burroughs Wellcome Fund**

#### **Investigators in the Pathogenesis of Infectious Disease**

The Investigators in the Pathogenesis of Infectious Disease award provides support to accomplished investigators at the assistant professor level to study pathogenesis, with a focus on the interplay between human and microbial biology, shedding light on how human and microbial systems are affected by their encounters.



**DEADLINE:** June 30, 2022  
Visit [WEBSITE](#) for more information

## Prevent Cancer Foundation

### Research Grant

The Foundation funds important research grants and fellowships at some of the most prestigious academic institutions and medical centers across the U.S. The goal of the Prevent Cancer Foundation's research program is to identify and fund innovative projects with the potential to make substantial contributions to cancer prevention or early detection.

**DEADLINE:** July 11, 2022

Visit [WEBSITE](#) for more information

## Maryland Stem Cell Research Fund (MSCRF)

MSCRF is offering the following 4 programs to accelerate discovery and commercialization of human stem cell-based technologies:

- Clinical
- Commercialization
- Validation
- Launch

**DEADLINE:** July 14, 2022

Visit [WEBSITE](#) for more information

## NIH Director's Transformative Research Award

**(R01 - Clinical Trial Optional): RFA RM-22-020**

Supports exceptionally innovative or unconventional research projects with the potential to create or overturn fundamental paradigms

- Open to all career stages
- Open to individuals or teams
- Flexible budgets
- No prior approval required for large budget requests
- Flexible research effort
- Piloting anonymized review process

**DEADLINE:** September 1, 2022

Visit [WEBSITE](#) for more information

**PRE-PROPOSAL DEADLINE:** July 14, 2022  
**APPLICATION DEADLINE:** November 15, 2022  
Visit [WEBSITE](#) for more information

## Howard Hughes Medical Institute (HHMI) Freeman Hrabowski Scholars Program

This is a new program that supports outstanding early career faculty who are committed to advancing diversity, equity, and inclusion in science. The program is open to individuals who:

- hold a PhD and/or MD (or equivalent)
- began their first post-training position and a tenure-track (or equivalent) faculty position on or after July 1, 2018, or have accepted an offer for a tenure-track (or equivalent) position that will begin no later than July 1, 2023
- maintain a tenure-track appointment (or equivalent) at an eligible US institution
- have a research focus in any area of basic biomedical science, as well as plant biology, evolutionary biology, biophysics, chemical biology, biomedical engineering, and/or computational biology
- are authorized to work in the US or can obtain work authorization for the duration of employment

**DEADLINE:** September 28, 2022 at 3:00pm ET

Visit [WEBSITE](#) for more information

## Seeking Foundation Funding for your Research?

The SOM's Office of Development, Corporate and Foundation Relations, provide 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)*



## Center for Advanced Research Training & Innovation (CARTI)

University of Maryland School of Medicine  
685 West Baltimore Street, MSTF Building, Room 319  
Baltimore, Maryland 21201-1559  
Phone: (410) 706-5434

Visit our [Website!](#)

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CARTI, UMSOM | 685 W. Baltimore Street, MSTF 319, Baltimore, MD 21201 410-706-5434

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