

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

July 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 management and 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, RCDP will only be offering virtual events at this time.

UPCOMING VIRTUAL SEMINARS Sponsored by RCD

Strategies for Success During Times of Uncertainty

Thursday, July 23 • 3:00 – 4:00pm
Virtual Session via Webex

Speaker: Rodney Taylor MD, MSPH, FACS, Professor, Chairman, Department of Otorhinolaryngology- Head & Neck Surgery, UMSOM

Due to the disruptions caused by the pandemic, it can be difficult to set and accomplish goals. The purpose of this session is to help early stage research faculty and senior postdocs understand the importance of setting goals during periods of uncertainty and to provide tips for setting goals, time management, and strategies for adjusting goals during periods of rapid change.

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

Passano Foundation Clinician-Investigator Award for Career Development Information Session

Wednesday August 12 • 10:00 – 11:00am
Virtual Session via Webex

This information session will provide an overview of the Passano Foundation Clinician-Investigator Award for Career Development at the UMSOM, including tips for applying, to potential candidates. **Curt Civin, MD, Associate Dean for Research and Director of Center for Stem Cell Biology & Regenerative Medicine UMSOM** will give an overview of the award. This award was created to provide partial salary and fringe benefits for clinician-investigators in the early stages of their faculty appointment (full-time appointment as instructor or assistant professor in a clinical department). This initiative has been developed to address the increasing pressures on young faculty clinician-investigators to expend substantial clinical time and effort in order to generate sufficient funds to support their salaries. The purpose of this award is to help protect the research time and thereby further the acquisition of experience and preliminary results for qualified young UMSOM faculty clinician-investigators during the time that they apply for external career development grant support.

The deadline for internal submission of applications for the Passano Foundation Clinician-Investigator Awards is **October 2, 2020**. For complete award guidelines, please visit: <https://www.medschool.umaryland.edu/researchaffairs/Funding-Information-Resources/Internal-Funding-Opportunities/>

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

SCHOLARLY WRITING ACCOUNTABILITY GROUP (SWAG)

New Virtual Program to Help Faculty Increase Their Scholarly Writing Productivity

The Office of Research Career Development (RCD) provides a peer accountability/support program designed to increase writing productivity among UMB early stage faculty called **Scholarly Writing Accountability Group (SWAG)**. A description of our SWAG program follows, including an introduction to our **new virtual SWAG**.

WHAT IS SWAG?

A **SWAG** is an active peer-led writing group for **UMB early stage faculty** that meets for 1-hour, once a week over a 10-week period. 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 goal for SWAG members is to write with increased frequency and for shorter durations; i.e., to develop a sustainable writing habit.** 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 significant increases in the quantity and quality of writing by faculty participants.

For more information on our SWAG program, visit: <https://www.medschool.umaryland.edu/career/Scholarly-Writing-Accountability-Group-SWAG-Program/>

VIRTUAL SWAG!

A virtual SWAG will function the same as our traditional "face-to-face" format mentioned above; however, groups will meet via Microsoft Teams using its video conference capability. Groups will meet virtually for one hour a week for 10 consecutive weeks. *Groups are forming on a rolling basis.*

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

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

Questions?

Contact **Stacie Mendoza** at smendoza@som.umaryland.edu

CLINICAL AND TRANSLATIONAL RESEARCH TRAINING

Introduction to Clinical and Translational Research

August 3-7, 2020

9:00 – 3:15pm (Monday – Thursday)*

9:00 – 12:00pm (Friday)

*ending times vary

Virtual (WebEx)

The Department of Epidemiology and Public Health at UMSOM is pleased to sponsor the 19th annual **Introduction to Clinical and Translational Research Course at UMB**. 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.

Topics include:

- Study Design
- Biostatistics/Data Management
- Ethical, Legal and Regulatory Issues
- Scientific Communication
- Grant Writing

This course is open to all UMB faculty, fellows, residents, students and staff with an interest in clinical and translational research at UMB.

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

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

COURSE DIRECTORS:

Kristen Stafford, PhD, MPH, Assistant Professor, Department of Epidemiology and Public Health, UMSOM

John Sorkin, MD, PhD, Professor, Department of Medicine, Chief, Biostatistics and Informatics, UMSOM

COURSE AGENDA:

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

REGISTRATION (required): <https://intro-to-clinical-and-translational-research-umb.eventbrite.com>

CREDITS: To receive academic/graduate school credit, students already enrolled in a UMB graduate school program should register for PREV 616 in the 2020 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

QUESTIONS: Contact Stacie Mendoza at 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)
- Office of Research Career Development, UMSOM

BUSINESS CONCEPTS FOR LIFE SCIENTISTS iBiology (free eCourse)

The purpose of the **Business Concepts for Life Scientists** self-paced course is to enhance PhD scientists' understanding of foundational business concepts. This business coursework is unique because it is designed to prepare scientists for career transitions into both academic and non-academic settings. The course comprises a series of three modules - Business Strategy, Finance and Business Development. <https://courses.ibiology.org/courses/course-v1:iBiology+BCLS+SP/about>

Course topics include:

- **Introduction to Strategy**
 - Strategy and Value Proposition
 - Creating a Strategic Plan
- **Business Development**
 - Identifying a Gap
 - Filling the Gap & Executing the Deal
- **Strategic Collaborations**
 - Academic and Biopharma Collaborations
 - Being Collaborative and Influential
- **Strategy Toolkits**
 - Tools for environmental assessment
 - Drafting SMART (Specific, Measurable, Achievable, Relevant, Time-Bound) objectives
- **Finance**
 - Financial Statements and Forecasting
 - Basic Financial Principles
 - Devising a Financial Plan

US DEPARTMENT OF VETERAN AFFAIRS (VA)

Tips for Scoring a VA Career Development Award

For those with a connection to the Veterans Health Administration, the VA CDA 2 can be a great way to propel your career. These awards are bigger than an NIH K, but come with unique requirements. In the following article, a recent recipient shares tips for success: <https://edgeforscholars.org/tips-for-scoring-a-va-career-development-award/>

NIH RIGOR & REPRODUCIBILITY TRAINING

Are you completing a Career Development (K) Award? Are you preparing for an upcoming NIH grant application? The NIH has a selection of online training for pre-clinical and clinical research to enhance rigorous experimental design and training. (<https://www.nigms.nih.gov/training/pages/clearinghouse-for-training-modules-to-enhance-data-reproducibility.aspx>)

- [NIH Rigor and Reproducibility Training Modules](#)
NIH Office of the Director
- [Let's Experiment: A Guide for Scientists Working at the Bench](#)
iBiology
- [Improving Reproducibility in Research](#)
Indiana University School of Medicine
- [Bench to Bedside: Integrating Sex and Gender to Improve Human Health](#)
NIH Office of Research on Women's Health
- [Course on Pragmatic and Group-Randomized Trials in Public Health and Medicine](#)
NIH Office of Disease Prevention
- [Controls in Animal Studies for Rigor and Reproducibility](#)
American Physiological Society
- [Statistical Topics for Reproducible Animal Research](#)
Indiana University School of Public Health and University of Alabama at Birmingham
- [Improving Reproducibility of Computational Microbiome Analyses](#)
University of Michigan School of Medicine
- [edX Course: Principles, Statistical and Computational Tools for Reproducible Science](#)
Harvard School of Public Health
- [The BD2K Guide to the Fundamentals of Data Science Series](#)
Big Data to Knowledge (BD2K) Initiative
- [Society for Neuroscience Rigor and Reproducibility Training Webinars](#)
Rutgers University and Michigan State University
- [Cell Line Authentication Training](#)
Global Biological Standards Institute

INDIVIDUAL CONSULTATIONS Offered by RCD

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 development of a complete NIH application.

Dr. Shriver offers consultations regarding developing a clear research question and testable hypothesis, eligibility regarding grant applications, and planning for upcoming grant proposal. In addition, 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 OPPORTUNITIES

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 updated frequently and 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.
- **JOHNS HOPKINS UNIVERSITY:** <https://hub.jhu.edu/novel-coronavirus-information/research-preparedness/research-preparedness-covid-19-funding-opportunities/>

FUNDING OPPORTUNITIES

DEPARTMENT OF DEFENSE (DoD) FY20 Congressionally Directed Medical Research Programs (CDMRP)

- Breast Cancer Research Program
- Chronic Pain Management Research Program
- Duchenne Muscular Dystrophy Research Program
- Hearing Restoration Research Program
- Kidney Cancer Research Program
- Lung Cancer Research Program
- Lupus Research Program
- Neurotoxin Exposure Treatment Parkinson's Research Program
- Orthotics and Prosthetics Outcomes Research Program
- Ovarian Cancer Research Program
- Pancreatic Cancer Research Program
- Peer Reviewed Cancer Research Program
- Peer Reviewed Medical Research Program
- Prostate Cancer Research Program
- Vision Research Program

DEADLINES: Submission deadlines for each program can be found at <https://cdmrp.army.mil/funding/reftable>

CDMRP presents a webinar series on types of funding opportunities offered and strategies to increase the success of applications submitted to different CDMRP programs. To view webinar recordings, visit

https://cdmrp.army.mil/pubs/Webinars/webinar_series

PFIZER Artificial Intelligence/Machine Learning Research in Hemophilia - Competitive Grant Program

Projects that will be considered for support will focus on Artificial Intelligence/Machine Learning in the areas mentioned in the RFA. Projects with a focus on emerging potential one-time treatments such as genetic medicine/gene transfer will be preferentially considered

DEADLINE: July 30, 2020

WEBSITE: https://pfe-pfizercom-prod.s3.amazonaws.com/GMG_2020-RD-L_ArtificialIntelligenceMachineLearningHemophilia.pdf

ALFRED P. SLOAN FOUNDATION Sloan Research Fellowship

The Sloan Research Fellowship seeks to stimulate fundamental research by early-career scientists and scholars of outstanding promise. Applicants must hold tenure track positions that include a yearly teaching requirement and hold a PhD in chemistry, computational/evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics, or a related field.

NOMINATION DEADLINE: September 15, 2020

WEBSITE: <https://sloan.org/fellowships>

THRASHER RESEARCH FUND Early Career Awards

The purpose of the Early Career Awards is to encourage the development of medical research in child health by awarding grants to new researchers, helping them gain a foothold in pediatric research.

CONCEPT PAPER DEADLINE: September 15, 2020

APPLICATION DEADLINE: November 6, 2020

WEBSITE: <https://www.thrasherresearch.org/early-career-award?lang=eng>

LEONARD & HELEN R. STULMAN CHARITABLE FOUNDATION

The foundation makes contributions in the fields of mental health, health, and aging. Ninety five percent (95%) of funding is reserved for programs in greater Baltimore and the State of Maryland.

DEADLINE: Rolling basis

WEBSITE: <https://www.bcf.org/For-Grant-Scholarship-Seekers/Grants/Leonard-Helen-R-Stulman-Charitable-Foundation#deadlines>

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/>

UMGCCC Funding Database

(Cancer related research) <https://umgcccfd.fundinggopps.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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