

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

November 2019

The Research Career Development Program (RCD) offers workshops, classes and seminars in subjects that are crucial to an academic research career, including Grant Writing, Publishing Your Research and Identifying Funding Sources for Your Research. In addition, RCDP offers symposia on professional skills development, including Scientific Leadership & Professional Development. To view the events and services offered by RCD, please visit: <http://medschool.umaryland.edu/career/>.

## UPCOMING EVENTS

### Planning Your Successful Academic Research Career: Information Session

Friday, November 15 • 9:00– 10:00am (breakfast)  
Tuesday, November 19 • 12:00– 1:00pm (lunch)  
685 W. Baltimore Street, MSTF Building, Room 316

This 1-hour session discusses the factors that play a role in being successful as a new research faculty member and some challenges research faculty often experience. This session will focus on topics related to mentoring, creating a professional development plan, establishing a writing practice, and identifying the research resources faculty need to conduct research. In addition, this session will offer an opportunity to network with other junior faculty from other departments. Please note: this session is intended for new SOM research faculty (i.e. assistant professors, instructors, research associates).

Please email Stacie Mendoza with your preferred information session (Nov 15 or 19) at [smendoza@som.umaryland.edu](mailto:smendoza@som.umaryland.edu). If neither of these times and dates work for your schedule, please let us know and we will consider offering an additional session.

### Grant Writing Workshop for New Investigators: An Introduction & Overview

Wednesday, November 20 • 8:30 – 12:15pm  
621 W. Lombard Street, SMC Campus Center, Room 351

This workshop is targeted to new/junior faculty members who have not yet applied to the NIH or who are not familiar with the new requirements focusing on rigor and reproducibility. This half day, examples-driven workshop is designed to help faculty understand how to plan, organize and write a competitive grant application, with a focus on the R01. The workshop is designed to help investigators understand how to write the components of an NIH grant application (Specific Aims; Significance; Innovation; Approach). In addition, participants will learn how to write their grants to address the new NIH review criteria, as well as learn about the NIH System of Peer Review. **NOTE:** A light breakfast will be provided.

**Speakers:** Marel Shriver, PhD, Director, Office of Research Career Development, UMSOM and Stuart Martin, PhD, Professor, Department of Physiology, UMSOM, Marlene and Stewart Greenebaum Comprehensive Cancer Center

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

### Identifying Funding Sources for Postdocs

Tuesday, December 3 • 9:00 – 10:00am  
685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by Stacie Mendoza, Program Director, will assist postdocs in identifying non-NIH 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
- Interactive demonstration using funding databases

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

### Identifying Funding Sources for Faculty

Friday, December 6 • 9:00 – 10:00am  
685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by Stacie Mendoza, Program Director, will assist faculty in identifying non-NIH 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
- Interactive demonstration using funding databases

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

### American Cancer Society Extramural Research & Training Grants Workshop

Monday, December 9 • 1:00– 2:30pm

621 W. Lombard Street, SMC Campus Center, Room 208

**Guest Speaker:** Susanna Greer, Ph.D., Director, Clinical Cancer Research, Nutrition and Immunology, American Cancer Society, will provide an overview of the American Cancer Society's grant opportunities and discuss grantsmanship tips.

The American Cancer Society awards research grants and fellowships to promising scientists early in their careers who have unique hypotheses for cancer prevention and study, fostering the next generation of cancer research and creating a strong foundation of preliminary evidence to make scientific advancements.

**Target audience:** Junior Faculty, Residents/Trainees, Post-Doctoral Fellows, Graduate Students and Administrators

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

This workshop is sponsored by the University of Maryland Greenebaum Comprehensive Cancer Center and Office of Research Career Development

### Giving a Good Research Talk

Thursday, January 16 • 9:00 – 10:00am

621 W. Lombard Street, SMC Campus Center, Room 351

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

# MANAGING YOUR RESEARCH PROGRAM

## 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 monthly seminar series consists of ten (10), 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 first two sessions. Dates and subjects for the monthly sessions are outlined below and will be described in detail in subsequent newsletters.

**Please note:** faculty, fellows and postdocs are welcome to attend every session in the series or single sessions of interest.

### Time Management; including When to Say "Yes" and How and When to Say "No" Tuesday, November 12 • 9:00 – 10:00am

621 W. Lombard Street, SMC Campus Center, Room 351

This session addresses 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. 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 may be too time consuming at an early stage in their career. This session provides criteria for identifying requests that may further a junior faculty member's career – as well as those which may not be in the faculty member's interest at an early stage of their career development. This session includes tips for declining requests professionally, and in a way that leaves the door open to opportunities subsequently. This session concludes with tips for managing your time strategically.

#### Speaker:

**Margaret McCarthy, PhD**, James and Carolyn Frenkil Dean's Professor and Chair, Department of Pharmacology, UMSOM

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

### Financing Your Research

Tuesday, December 10

9:00 – 10:00am

621 W. Lombard Street, SMC Campus Center, Room 351

A challenging and crucial aspect of leading a research lab or program is the need to fund your research/program. Given the current competitive funding rates, this responsibility can be even more challenging. During this session, participants will hear from two academic research scientists who have learned how to finance their programs by applying for funding from diverse sources, including the NIH, foundations and corporate funding. This session will begin by helping faculty understand how to develop a budget for their research lab or program, and will then address how to diversify your sources of funding. This session will address issues relevant to both preclinical and clinical research labs and programs, and will include tips for dealing successfully with some of the current challenges in funding.

#### Speakers:

**Matthew Frieman, PhD**, Associate Professor, Department of Microbiology and Immunology, UMSOM

**Matthew Laurens, MD, MPH**, Associate Professor, Department of Pediatrics, UMSOM

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

### SAVE THE DATE!

Please mark your calendar for the following scheduled "Managing Your Research Program" seminars on **Tuesdays, 9-10am** in **SMC Campus Center, Room 351**. Subjects are identified below and registration information will be announced in future newsletters.

**Please note:** Topics are subject to change.

**Jan 14** Project Management

**Feb 11** Setting Up Collaborations, Networking, Getting the Most from Meetings & Conferences

**Mar 17** Staffing Issues: Making the Best Hiring Decisions, including Interviewing and Evaluating Applicants; Terminating Employees

**Apr 14** Managing Conflict

**May 12** TBA

**Jun 9** TBA

## 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 threesessions. Dates and subjects for the monthly sessions are outlined below and will be described in detail in subsequent newsletters.

**Please note:** faculty, fellows and postdocs are welcome to attend every session in the series or single sessions of interest.

### Ethical Considerations in Authorship including how to determine authorship

**Thursday, November 14 • 9:00 – 10:00am**

621 W. Lombard Street, SMC Campus Center, Room 351

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, Department Anatomy & Neurobiology, UMSOM

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

### Tips for Writing a Standard Scientific Research Paper

**Thursday, December 12 • 9:00 – 10:00am**

621 W. Lombard Street, SMC Campus Center, Room 351

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, Associate Professor, Department of Orthopaedics, UMSOM

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

### Developing Tables, Figures and Graphs for Your Research Paper

**Thursday, January 23 • 9:00 – 10:00am**

621 W. Lombard Street, SMC Campus Center, Room 351

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>

### SAVE THE DATE!

Please mark your calendar for the following scheduled "Scientific Writing" seminars on **Thursdays, 9-10am** in **SMC Campus Center, Room 351**. Subjects are identified below and registration information will be announced in future newsletters. **Please note:** Topics are subject to change.

**Feb 20** Writing effective titles and abstracts

**Mar 19** Tips for Scientific Writing, with a focus on clarity/editing

**April 23** Tips for Writing Case Reports, Commentaries and Review Articles

**May 21** Writing and Conducting a Systematic Review

**Jun 18** Responding to Reviewers

## RCDP's Mini Library

*Check it out!*

The RCDP'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.

The following books are now available in the RCDP's office (**MSTF Building, Room 319**) and can be signed out for up to 3 weeks. Click on any book title below for more information.

[Ask for It: How Women Can Use the Power of Negotiation to Get What They Really Want](#)

Authors: Linda Babcock and Sara LaSchever

[Drop the Ball: Achieving More by Doing Less](#)

Author: Tiffany Dufu

[How to Work a Room: The Ultimate Guide to Making Lasting Connections--In Person and Online](#)

Author: Susan Roane

[Getting to Yes: Negotiating Agreement Without Giving In](#)

Authors: Roger Fisher, William L. Ury and Bruce Patton

[Not Discussed: The Unspoken Rules for A Career in Academic Medical Research](#)

Author: C. Michael Stein

[The Power of a Positive No: Save the Deal, Save the Relationship – And Still Say No](#)

Author: William L. Ury

[Thanks for the Feedback: The Science and Art of Receiving Feedback Well](#)

Authors: Douglas Stone and Sheila Heen

[WAG Your Work: Writing Accountability Groups](#)

*Bootcamp for Increasing Scholarly Productivity*

Author: Kimberly A. Skarupski

[Why So Slow? The Advancement of Women](#)

Author: Virginia Vallian

The following books are available in print in the RCDP's office and can be downloaded online:

[Training Scientists to Make the Right Moves: A Practical Guide to Developing Programs in Scientific Management](#)

Burroughs Wellcome Fund, Howard Hughes Medical Institute

[Making the Right Moves: A Practical Guide to Scientific Management for Postdocs and New Faculty](#)

Burroughs Wellcome Fund, Howard Hughes Medical Institute

*New books will be added continuously.*

*RCDP welcomes suggestions for appropriate books as well as donations of gently used books.*

## Individual Consultations (RCD)

### MENTORING/SCIENTIFIC LEADERSHIP CONSULTATIONS

**Wendy Sanders, MA**, *Associate Dean for Research Career Development*, is available to meet with junior faculty regarding how to identify and develop an effective relationship with a mentor or team of mentors. She will also meet with faculty to discuss issues regarding professional/career development and scientific leadership. **Email:** [wsanders@som.umaryland.edu](mailto:wsanders@som.umaryland.edu)

### 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](mailto: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 including how to navigate the NIH funding database. To schedule a funding consultation, complete a **Funding Search Request Form** online at <http://www.medschool.umaryland.edu/career/Grant-Funding-Consultation-Service/>  
**Email:** [smendoza@som.umaryland.edu](mailto:smendoza@som.umaryland.edu)

### Need to Increase Your Scientific Writing Productivity?

**Join A SWAG!**

**Scientific Writing Accountability Group for Junior Faculty**

SWAG is designed as a peer accountability/support program to increase scientific writing productivity for junior faculty. Groups meet for 1-hour a week for 10 consecutive weeks. These meetings consist of individual timed writing and discussion of/sharing weekly goals and updates. Space is limited to 4-8 participants in each group. Evidence supports that SWAG members significantly improve their writing productivity/quality, goal-setting and time management skills, and networking/community-building. - **New groups are forming!**

To learn more about SWAG or to join a group, contact **Stacie Mendoza** at [smendoza@som.umaryland.edu](mailto:smendoza@som.umaryland.edu) or 6-5434.

**SWAG Website:**

<http://www.medschool.umaryland.edu/career/Scientific-Writing-Accountability-Group-SWAG-Program/>

*SWAG is sponsored by the Office of Research Career Development*

## Health Sciences and Human Services Library

The Health Sciences and Human Services Library hosts free workshops throughout the year. This fall, please join us for a workshop on citation management tools. Workshops will help you decide which tool is right for you and get you started with the tool of your choice.

### Managing Citations Using Mendeley

November 6, 1-2pm, online

### Managing Citations Using Zotero

November 12, 1-2pm, online

To see the full workshop schedule and register, see our [website](#). Please contact Andrea Shipper, School of Medicine Librarian at [ashipper@hshsl.umaryland.edu](mailto:ashipper@hshsl.umaryland.edu) with any questions.

## New Requirement for ORCID iDs Effective January 2020

As of October 2019 the NIH, CDC, and AHRQ will now require trainees, scholars, and participants supported by institutional research training awards to have an ORCID iD linked to an individual's eRA Commons Personal Profile ([NOT-OD-19-109](#)). A helpful step by step guide for creating an ORCID iD can be found at <https://edgeforscholars.org/water-your-oid/>. For details on how to link your work to your ORCID iD visit <https://guides.hshsl.umaryland.edu/orcid/addworks>. If you have any questions about creating an ORCID iD please contact Andrea Shipper at [ashipper@hshsl.umaryland.edu](mailto:ashipper@hshsl.umaryland.edu).

## School of Nursing MONTHLY RESEARCH SEMINAR

### Preventing and Investigating Research Misconduct

Thursday, November 21

12:00 – 1:00pm

UMSON, Room 150

#### Speaker:

**Stephan Vignes**, program director of the Research Accountability and Compliance Monitoring Division of the UMB Office of Accountability and Compliance

#### Register online

[https://umaryland.az1.qualtrics.com/jfe/form/SV\\_0kS2ETAHQZblp1r](https://umaryland.az1.qualtrics.com/jfe/form/SV_0kS2ETAHQZblp1r)



OFFICE FOR RESEARCH CAREER DEVELOPMENT

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

## Funding Opportunities ~ Upcoming Deadlines

### UNIVERSITY OF MARYLAND CENTER OF EXCELLENCE IN REGULATORY SCIENCE AND INNOVATION (M-CERSI)

#### Visiting FDA Scientists Program

The mission of M-CERSI is to foster the development of regulatory science – the science of developing new tools, standards and approaches to assess the safety, efficacy, quality and performance of FDA-regulated products. M-CERSI could have up to seven (7) Visiting FDA Scientists per year. M-CERSI will provide the UM collaborator up to \$5,000 per visiting scientist in order to conduct collaborative regulatory science research. Funds are for expenses at UM and not provided to the FDA employee. A visiting scientist must be an FDA employee (includes members of the USPHS).

**DEADLINE:** December 2, 2019

For more information, please contact Dr. Polli ([jpolli@rx.umaryland.edu](mailto:jpolli@rx.umaryland.edu)) and Dr. Bentley ([bentley@umd.edu](mailto:bentley@umd.edu)), with a cc: to Ms. Blum-Kemelor ([Donna.Blumkemelor@fda.hhs.gov](mailto:Donna.Blumkemelor@fda.hhs.gov))

### MCKNIGHT FOUNDATION

#### Technological Innovations in Neurosciences Awards

Technological Innovations in Neurosciences Awards support scientists who work on novel and creative approaches to understanding brain function. The McKnight Foundation is especially interested in how technology may be used or adapted to monitor, manipulate, analyze, or model brain function at any level.

**LOI DEADLINE:** December 2, 2019

**APPLICATION DEADLINE:** April 27, 2020

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

### UMB INSTITUTE FOR CLINICAL AND TRANSLATIONAL RESEARCH (ICTR)

#### 2020 - 2021 Accelerated Translational Incubator Pilot (ATIP) Grant

The University of Maryland, Baltimore (UMB) Institute for Clinical and Translational Research (ICTR) is pleased to announce the third round of the UMB ICTR Accelerated Translational Incubator Pilot (ATIP) Grant competition to provide up to \$50,000 in starter funds for projects specifically focused on innovative, translational research that involve faculty from the UMB schools of dentistry, law, medicine, nursing, pharmacy, or social work; UMBC, and UMB-community partnerships.

**DEADLINE:** January 5, 2020 (5pm)

**WEBSITE:**

<https://www.umaryland.edu/ictr/funding/atip-grant-program-foa/>

### AMERICAN LUNG ASSOCIATION

#### Various Grant Opportunities

The American Lung Association has various grant opportunities available for young investigators working in the field of lung disease science. For more information and to apply, please contact Sarah Bradley at [SBradley@som.umaryland.edu](mailto:SBradley@som.umaryland.edu).

**APPLICATION DEADLINE:** December 12, 2019

**WEBSITE:** <https://www.lung.org/our-initiatives/research/awards-and-grant-funding/>

### MORE FUNDING OPPORTUNITIES CAN BE FOUND AT:

#### UMB Internal Grant Announcements

<http://www.umaryland.edu/ictr/funding/umb-internal-funding-highlights/>

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

<https://umgcccfundingopps.org/>

To receive weekly UMGCCC funding announcements, contact:

Sarah Laye at [SLaye@som.umaryland.edu](mailto:SLaye@som.umaryland.edu)