

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

December 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

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>

Sponsored by the *University of Maryland Greenebaum Comprehensive Cancer Center and Office of Research Career Development*

Mentee's Workshop: Getting the Most from Your Mentor(s)

Wednesday, December 11 • 9:00 – 10:30am

685 W. Baltimore Street, MSTF Building, Room 316

The role of a mentor(s) is one of the most important factors in developing a successful research career. Often, faculty are unsure about how to identify – and develop an effective relationship – with a mentor or team of mentors. The first hour of this session consists of practical tips for establishing and maintaining productive relationships with your mentor(s). Subjects include the following: the role of a mentor; approaching a potential mentor; and preparing for a successful first meeting, as well as ensuring that subsequent meetings are of maximum value. The last half hour of this session will be devoted to common dilemmas in mentoring relationships, including how to work together to problem solve. Participants will have the opportunity to ask questions anonymously via a survey link that will be emailed to them prior to this session. This session will be small, with a maximum of 12 participants, to allow for discussion.

Speaker: Wendy Sanders, MA, Associate Dean, Office of Research Career Development, UMSOM

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

UPCOMING EVENTS

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>

Defining your Project on Paper: Developing your Research Question, Hypothesis, and Specific Aims

Tuesday, January 21 • 10:00 – 11:00am

685 W. Baltimore Street, MSTF Building, Room 316

Explaining the fundamental idea of your research project on paper is essential for writing grants. The purpose of this workshop 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, Director, Office of Research Career Development, UMSOM

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

Getting Your Protocol Through the IRB

Tuesday, February 18 • 1:00 - 2:00pm

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

This seminar will cover the basics of conducting human subjects research at UMB. Included within the discussion will be an introduction to the Human Research Protections Program (HRPP), the basics of conducting research at UMB, principal investigators' responsibilities, as well as a discussion of the Comprehensive Institutional Collaborative Evaluation of Research On-line (CICERO) program for submitting and reviewing human subjects research protocols. Recent changes to the federal regulations concerning human subjects research known as the "Common Rule" will also be discussed.

Speaker: Jon Mark Hirshon, MD, MPH, PhD, Senior Vice Chair, IRB; Professor, Department of Emergency Medicine; Professor, Department of Epidemiology and Public Health

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

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 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

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 following three 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.

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

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

Project Management

Tuesday, January 14 • 9:00 – 10:00am

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

This session will identify some of the techniques used for managing a research project and your role as a research program/team leader.

Subjects include:

- Strategies for planning, initiating, executing and finishing a project
- Resolving conflicts
- Monitoring and controlling a project
- Management and leadership styles

Speaker: **Mary-Claire Roghmann, MD, MS**, Professor of Epidemiology and Public Health, Associate Dean for Physician Scientist Training and Trans-disciplinary Research Advancement, UMSOM

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

Establishing Collaborations and Creating Your Network

Tuesday, February 11 • 9:00 – 10:00am

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

Collaborations are a crucial aspect of developing and maintaining a successful research program and should be developed and maintained carefully. Often, early stage faculty are uncertain as to how to identify the best collaborators, as well as how to obtain the most meaningful input from collaborators. This session will cover:

- How to build successful collaborations and maintain relationships
- How to Identify venues to network and how to create your own networking opportunities
- The importance of establishing a network for career progression
- Challenges early stage investigators often face when collaborating and how to deal with them effectively
- How to make the meeting/conference experience professionally useful
- Using social media to network

Speaker: **Lynn Schriml, PhD**, Associate Professor, Institute for Genome Sciences, Department of Epidemiology and Public Health, 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.

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 three 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.

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>

Writing Effective Titles and Abstracts

Thursday, February 20 • 9:00 – 10:00am

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

Effective titles and abstracts are key components of a scientific paper, as these two parts of the paper are read most often and are also the basis for searches. This session focuses on how to write an interesting and informative title and abstract, including tips on writing style. This session begins with a didactic session (20 minutes), followed by an examples-driven discussion (40 minutes).

If any participants would like to submit an abstract for discussion, please email a draft to the speaker, Wendy Sanders, at Wsanders@som.umaryland.edu by February 6.

Speaker: **Marey Shriver, PhD**, Director, Office of Research Career Development, 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.

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

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### **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)

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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

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## Health Sciences and Human Services Library

Please join the Health Sciences and Human Services Library for their spring Scholarly Publishing Workshop Series:

### [Choosing the Right Journal for Your Research](#)

**Tuesday, February 4 at 1:00pm**

This workshop will introduce you to tools you can use to identify the journal that best matches your work. We will discuss strategies for choosing a journal and the important features you should consider to make a strategic choice. Feel free to come with a current manuscript or just to learn about approaches for the future.

### [Open Access Publishing: The Good and the Predatory](#)

**Wednesday, February 5 at 1:00pm**

This workshop will teach you about open access publishing models, how to identify reputable open access journals, and what red flags to look for in predatory publications. You will learn why open access helps disseminate research more widely and how to leverage this new publishing venue to increase your research impact.

### [Strategic Publishing: Making the Most of Your Research](#)

**Thursday, February 6 at 1:00pm**

This workshop will help you increase the impact of your research output by discussing how to disseminate it more broadly. We will cover preprint and other repositories, author IDs such as ORCID, and ways of measuring research impact.

All workshops will be held in **room LL03 of the HS/HSL**.

Please register at the links above, or contact **Andrea Shipper** at [ashipper@hshsl.umaryland.edu](mailto:ashipper@hshsl.umaryland.edu) with 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-orcid/>. 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).



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

## Funding Opportunities ~ Upcoming Deadlines

### **SIMONS FOUNDATION AUTISM RESEARCH INITIATIVE (SFARI) Research Award**

This award will support research that will improve the understanding, diagnosis, and treatment of autism spectrum disorders (ASD) by funding innovative research of the highest quality and relevance.

**APPLICATIONS DUE:** January 10, 2020

**WEBSITE:** <https://www.sfari.org/grant/research-awards-request-for-applications/>

### **WHITEHALL FOUNDATION**

#### **Research Grant**

The Whitehall Foundation funds grants in basic research in neurobiology, defined as follows: Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.

**LOI DEADLINE:** January 15, 2020

**APPLICATION DEADLINE:** June 1, 2020

**WEBSITE:** <http://www.whitehall.org/grants/>

### **MARYLAND STEM CELL RESEARCH FUND (MSCRF)**

- Launch
- Discovery Program
- Validation Program
- Commercialization Program
- Post-Doctoral Fellowship Grants
- Clinical Program

The Maryland Stem Cell Research Fund provides a variety of grant programs for human stem cell research in the state of Maryland which are listed above. Please read each RFA carefully when applying.

**APPLICATION DEADLINE:** January 16, 2020

**WEBSITE:** <https://www.msrf.org/funding-opportunities>

### **KLINGENSTEIN FUND**

#### **Klingenstein-Simons Fellowship Awards in Neuroscience**

Aimed at advancing cutting-edge investigations, the Klingenstein-Simons Fellowship Awards in Neuroscience are presented to highly promising, early career scientists. At this critical juncture in young investigators' careers, when funding can be a challenge, the fellowship awards promote higher-risk, and potentially higher-reward, neuroscience projects.

**APPLICATION DEADLINE:** February 15, 2020

**WEBSITE:** <http://klingsfund.org/>

### **RITA ALLEN FOUNDATION**

#### **Award in Pain**

The Rita Allen Foundation in partnership with the American Pain Society award the Rita Allen Foundation Award in Pain, which recognizes emerging leaders in basic pain research whose work hold the high potential for uncovering new pathways to improve the treatment of chronic pain.

**APPLICATION DEADLINE:** February 19, 2020

**WEBSITE:** <http://ritaallen.org/stories/2020-award-in-pain/>

**MORE FUNDING OPPORTUNITIES CAN BE FOUND AT:**

#### **UMB Internal Grant Announcements**

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

#### **UMGCC Funding Database (Cancer related research)**

<https://umgccfundingopps.org/>

To receive weekly UMGCCC funding announcements, contact:

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