

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

January 2020

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 RCD 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>

### Identifying Funding Sources for Faculty

Tuesday, January 28 • 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>

### Identifying Funding Sources for Postdocs

Tuesday, February 4 • 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>

### Foundation Funding for Research Scientists: Building the Partnership between Scientists and Development Officers

Thursday, February 13 • 1:00 – 2:15pm

621 W. Lombard Street, SMC Campus Center, Room 349

As the pool of funding becomes increasingly competitive, private foundations and other non-government grants can fund research, fill funding gaps during lean times, keep work going while a principal investigator applies for government funds, or support a pilot project designed to obtain data necessary to compete for larger grants. This session will highlight how UMSOM faculty at all levels can work with the School of Medicine Foundation Relations team to identify, develop, and submit private foundation and non-profit organization grants. Practical tips and strategies from successful submissions will be highlighted.

**Speakers:** Sarah E. Bradley, Director of Foundation Relations, Office of Development, and Emily Boydston, Development Associate - Foundation Relations, Office of Development, UMSOM

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

### Getting Your Protocol Through the IRB

Tuesday, February 25 • 1:00 - 2:00pm

621 W. Lombard Street, SMC Campus Center, Room 349

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>

# 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 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.

### 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 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.

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### 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>

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### 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, Dr. Marey Shriver, at [mshriver@som.umaryland.edu](mailto:mshriver@som.umaryland.edu) by February 13.

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

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

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### 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

### 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**

## 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)

## 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.

## Clinical and Translational Research Training

Applications for **Master of Science in Epidemiology and Clinical Research – Clinical Research Track** and the **Certificate Program in Clinical Research** are now being accepted by the Graduate School.

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

**APPLICATIONS DUE: February 15, 2020**

For more information, visit:

<http://www.medschool.umaryland.edu/k30/Master-of-Science-in-Epidemiology-and-Clinical-Research--Clinical-Research-Track/>  
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

**APPLICATIONS DUE: March 1, 2020**

For more information, visit:

<http://www.medschool.umaryland.edu/k30/Certificate-Program-in-Clinical-Research/>  
In particular, read the "Frequently asked questions" for each.

For an individual consultation on whether this is appropriate for you, please contact:

**Kristen Stafford, MPH, PhD** [kstafford@ihv.umaryland.edu](mailto:kstafford@ihv.umaryland.edu)

**Dan Morgan MD, MS** [dmorgan@som.umaryland.edu](mailto:dmorgan@som.umaryland.edu)



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## Funding Opportunities ~ Upcoming Deadlines

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

#### KL2 Mentored Career Development Award

The purpose of the KL2 is to provide support for clinical and translational research training and career development of persons in relevant disciplines and professions from the six professional schools on the UMB campus (Dentistry, Law, Medicine, Nursing, Pharmacy, and Social Work).

The KL2 awardee will receive support for three years. The initial two years, based upon satisfactory progress, is provided by the Institute for Clinical and Translational Research/ Clinical and Translational Science Award (ICTR/CTSA), the final year is provided by the applicant's home division/department or UMB School.

**SUBMISSION DUE DATE:** February 14, 2020, 5 pm EST

**WEBSITE:** <https://www.umaryland.edu/ictr/education-and-training/ictr-training-and-career-development-core/umb-ictrctsa-kl2-mentored-career-development-award/>

**INFORMATION SESSION:** January 8, 2020, 4:00 - 5:00 PM, UMB SMC Campus Center, 621 W. Lombard, Room 203

### PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE (PCORI)

- Addressing Disparities, Assessment of Options, Communication and Dissemination Research, Improving Healthcare Systems
- Improving Methods for Conducting Patient-Centered Outcomes Research

**LOI DUE:** February 4, 2020

**FULL APPLICATION DUE:** May 5, 2020

**WEBSITE:** [https://www.pcori.org/funding-opportunities?qt-funding\\_opportunities=1#qt-funding\\_opportunities?utm\\_source=weeklyemail&utm\\_medium=email&utm\\_campaign=122319](https://www.pcori.org/funding-opportunities?qt-funding_opportunities=1#qt-funding_opportunities?utm_source=weeklyemail&utm_medium=email&utm_campaign=122319)

### DEPARTMENT OF DEFENSE (DoD)

#### FY20 Breast Cancer Research Program (BCRP)

- Breakthrough Award Levels 1 and 2
- Era of Hope Scholar Award

**PRE-APPLICATION (LETTER OF INTENT) DUE:** March 12, 2020

**APPLICATION DUE:** March 26, 2020

**WEBSITE:** <https://cdmrp.army.mil/funding/bcrp>

### DEPARTMENT OF DEFENSE (DoD)

#### FY20 Breast Cancer Research Program (BCRP)

- Breakthrough Award Level 3
- Breakthrough Award Level 4
- Innovator Award

**PRE-APPLICATION (PREPROPOSAL) DUE:** March 13, 2020

**INVITED APPLICATION DUE:** June 24, 2020

**WEBSITE:** <https://cdmrp.army.mil/funding/bcrp>

**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)