

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

September 2018

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 workshop calendar, workshop descriptions, funding sources, grant deadlines etc., please visit: <http://medschool.umaryland.edu/career/>.

Upcoming Events

Information Sessions for New Faculty re: Research Career Development Program

The Research Career Development Program (RCDP) is providing small group information sessions for new faculty as an introduction to our program and available services. All new faculty, as well as faculty who aren't new to SOM, but are interested in learning more about our training and services, are invited to participate in one of the small group information sessions listed below.

The purpose of these sessions is to introduce ourselves and discuss how we can help support your research and professional development. In addition, we will address any questions you may have about research or professional development, including resources available to you. We are happy to help you with issues such as identifying an appropriate mentor(s), identifying any research resources you may need, joining a writing accountability group (to increase your writing productivity), grant writing classes and classes in scientific leadership, etc.

Small group sessions are scheduled on the following days/times and located at **685 W. Baltimore Street, MSTF Building, Room 3-19**

Thursday	Sept 6	1-2pm
Thursday	Sept 20	9-10am
Tuesday	Sept 25	2-3pm

Please email Stacie Mendoza at: smendoza@som.umaryland.edu with your preferred session. **Please note:** If none of the small group meeting times work for your schedule, please contact Stacie to set up an individual meeting and suggest a few days/times that work for your schedule.

Maryland Stem Cell Research Fund (MSCRF) Information Session/Breakfast

Thursday, September 6
9:00 – 10:30am

660 Redwood Street, Howard Hall, Room 450

This information session/breakfast will provide an overview of the grant programs offered by the Maryland Stem Cell Research Fund (MSCRF) for human stem cell research in the state of Maryland. This session will be led by **Dan Gincel, PhD**, VP University Partnerships, TEDCO and Executive Director of MSCRF, and **Curt Civin, MD**, Associate Dean for Research, UMSOM and Director of Center for Stem Cell Biology & Regenerative Medicine.

Past recipients of this award, **Ricardo Feldman, PhD**, *Associate Professor, Department of Microbiology and Immunology* and **Muthukumar Gunasekaran, PhD**, *Post Doctoral Fellow, Center for Vascular and Inflammatory Diseases*, will share their experience with applying and receiving this award.

For more information on MSCRF funding opportunities, visit: <http://www.mscref.org/content/fundingopportunities/index.php>

Target audience: Researchers including faculty, post-doctoral fellows and pre-doctoral students who wish to conduct basic, translational and/or clinical research in Maryland involving human stem cells and have institutional support are eligible to apply.

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

Identifying Funding Sources for Faculty Wednesday, September 19

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>

Overview/Introduction to NIH Career Development (“K”) Awards

Tuesday, September 25

9:00 – 12:00pm

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

This session provides an overview of NIH Career Development (“K”) Awards, including the major types of awards (K99, K22, K01, K08, K23, K25). The following subjects will be covered 1) components of a K award 2) eligibility and competitiveness for a K award 3) preliminary steps, including developing a fundable research question, identifying your mentor(s) and communicating with your Program Officer.

This session will also include a panel of recent K awardees who will discuss their experiences with competing successfully – and holding – a K award.

The session will conclude with **optional** ½ hour interactive table discussions which will allow participants to interact with the speakers and ask questions re: applying for different types of career development awards.

Target audience: UMB faculty and postdocs who are considering applying for an NIH Career Development “K” award.

NOTE: A continental breakfast will be provided.

Speakers:

Wendy Sanders, MA

Associate Dean, Office of Research Career Development, UMSOM

Stacie Mendoza

Program Director, Office of Research Career Development, UMSOM

Jennifer Aumiller, MEd

*Director of Pre & Postdoctoral Career Development,
Office of Postdoctoral Scholars, UMSOM*

Renee Cockerham, PhD

Program Manager, Office of Postdoctoral Scholars, UMSOM

Peixin Yang, PhD

Deputy Director of Graduate and Postdoctoral Studies, UMSOM

Panelists: **Vivek Thumbigere Math, BDS, PhD** and **Kathleen Morrison, PhD**

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

This session is sponsored by the Office of Research Career Development, UMSOM and the Office of Postdoctoral Scholars, UMSOM

Introduction to the UM Institute for Clinical and Translational Research (ICTR) and its Funding Opportunities

Thursday, September 27
1:00 – 2:00pm

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

The University of Maryland, Baltimore (UMB) Institute for Clinical & Translational Research (ICTR) is the campus-wide interdisciplinary hub for clinical translational research and training, providing support for all campus professional schools and the community. The UMB ICTR has multiple mechanisms for awarding resources (at no cost to the investigator) and funding to UMB faculty for clinical & translational research as well as facilitating community-focused research. These resources include the "Voucher Program" (micro-grants of up to \$10,000), the General Clinical Research Center, the Accelerated Translational Incubator Pilot (ATIP) Grant Program, ICTR "Studios", and ICTR Navigator services. The ICTR Cores offer biostatistics, informatics, and community collaboration assistance. The ATIP Grant Program provides funds of up to \$50,000 to initiate, implement, and complete a research project that will contribute to the understanding of mechanisms of diseases and the development of new therapies, devices, or approaches to clinical and community-focused research. Attend this session to find out more information and how to apply!

Speaker:

Stephen N. Davis, MBBS, FRCP, FACE, MACP

Theodore E. Woodward Professor of Medicine

Professor of Physiology

Chairman, Department of Medicine, UMSOM

Director, Institute of Clinical and Translational Research

Vice President of Clinical Translational Science, UMB

Physician-in-Chief, UMMC

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

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## Translational Technology Symposium Series: Biostatistics and Bioinformatics

Friday, October 5  
8:00 – 1:00pm\*

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

Biostatistics and bioinformatics constitute the backbone of quantitative biomedical research. In this half-day symposium, we will highlight the range and depth of collaborative research supported by the Division of Biostatistics and Bioinformatics, Department of Epidemiology and Public Health. Use-cases will represent the full spectrum from preclinical research to clinical trials, from molecular biology to population health science. Examples will be presented of successful synergy between data analytical expertise on one hand and advancing the biomedical research on the other. Finally, we will discuss how investigators get access to biostatistical support from our Division. **\*Breakfast and Lunch provided!**

Registration required online at:

[https://translational-symposium\\_biostatistics.eventbrite.com](https://translational-symposium_biostatistics.eventbrite.com)

*This symposium is sponsored by the Division of Biostatistics and Bioinformatics, Department of Epidemiology and Public Health, UMSOM*

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Patient Centered Outcomes Research (PCOR) Funding Information Session

Tuesday, October 23
9:00 – 10:30am

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

The Office for Research Career Development is sponsoring a series of seminars to help investigators learn about available funding sources. This 1 ½ hour information session will provide an overview of the Patient-Centered Outcomes Research Institute (PCORI) funding opportunities, including tips and personal experiences from investigators who have successfully competed for these grants. In addition, there will be a discussion of opportunities available to UMB investigators via the infrastructure grants as well as other opportunities available in PCOR, followed by an open Q & A.

PCORI research priorities include: 1) Assessment of Prevention, Diagnosis, and Treatment Options 2) Improving Healthcare Systems 3) Communication and Dissemination Research 4) Addressing Disparities and 5) Accelerating Patient-Centered Outcomes Research and Methodological Research.

For more information on PCORI, visit:

<http://www.pcori.org/funding-opportunities/funding-center/>.

Speakers:

C. Daniel Mullins, PhD

Professor and Chair, PHSR Department, UMSOP

Michelle Medeiros

Director of Research, PATIENTS Program

Joey Mattingly, PharmD, MBA

Assistant Professor, Department of Pharmacy Practice and Science (PPS), UMSOP and Director of Operations, PATIENTS Program

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

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## How to Write an NIH Grant Application: An Introduction & Overview

Wednesday, November 14  
8:30 – 12:30pm

621 W. Lombard Street, SMC Campus Center, Room 210

This half day workshop is designed as an introduction to grant writing for investigators with little or no experience writing an NIH or other peer-reviewed grant application. The workshop material is based on the NIH grant application, as it is the basis for the majority of peer-reviewed grant applications; however, most of the information covered is relevant to the majority of other grant funding agencies. This workshop will cover the following subjects: how to determine the most appropriate funding mechanism; developing a fundable research question; how to write the research plan for an NIH grant application, including the new requirements re: Rigor & Reproducibility; and the NIH System of Peer Review. NOTE: *A light breakfast will be provided.*

### Speaker:

**Wendy Sanders, MA**

Associate Dean for Research Career Development  
Office of Research Career Development, UMSOM

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

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SCIENTIFIC WRITING: Monthly Seminar Series **(Expanded Series)**

Scientific Writing: Monthly Seminar Series Thursdays (September 2018 – June 2019) 9:00 – 10:00am

660 W. Redwood Street, Howard Hall, Room 450

The purpose of this 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 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.

Sept 13: Tips for Increasing your Scientific Writing Productivity

Writing is a fundamental part of a scientist's "job", but strategies for writing efficiently are rarely taught. As a result, scientists often struggle with writing, especially with the practical steps of the writing process, such as how to get started. This session begins with ten tips for increasing writing productivity, with a focus on making writing part of your workday. These tips are designed to make writing easier and to help participants write more quickly and efficiently.

One of the most successful strategies for increasing writing productivity is to join a writing accountability group. Participants will learn about different writing accountability group opportunities available to UMB faculty, fellows and postdocs.

Speakers:

Wendy Sanders, MA

Associate Dean for Research Career Development
Office of Research Career Development, UMSOM

Stacie Mendoza

Program Director

Office of Research Career Development, UMSOM

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

Oct 11: Writing and Conducting a Systematic Review

This seminar provides an overview of the systematic review process. According to the Cochrane Handbook, a systematic review is

"...a review of a clearly formulated question that uses systematic and explicit methods to identify, select and critically appraise relevant research, and to collect and analyze data from the studies that are included in the review."

This differs from narrative reviews, which are often authored by experts in a field and are generally narrative summaries of a topic. Find out what you should know before starting, important steps for conducting a review and resources to help you throughout the process, including the HS/HSL Systematic Review Service.

Speaker:

Andrea Goldstein Shipper, MSLIS

Research, Education and Outreach Librarian,
Health Sciences and Human Services Library, UM

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

SAVE THE DATE!

Please mark your calendar for the following scheduled sessions on **Thursdays, 9-10am** in **Howard Hall 450**. Subjects are identified below and registration information will be announced in future newsletters.

Nov 8: Planning Your Publication: Defining Your Research Question, Choosing an Appropriate Journal, Determining Authorship, etc.

Dec 13: Tips for Writing a Standard Scientific Research Paper: (Introduction, Methods, Results and Discussion; Abstract)

Jan 10: Developing Tables, Figures and Graphs for Your Research Paper

Feb 14: Developing Effective Titles and Abstracts

Mar 14: Tips for Scientific Writing, with a focus on clarity

Apr 11: Responding to Reviewers

May 9: Reviews, Commentaries and Opinion Pieces

Jun 13: Business Writing for Scientists: Email, Resumes, Reports, Etc.

MANAGING YOUR RESEARCH PROGRAM: Monthly Seminar Series **(New)**

Managing Your Research Program: Monthly Seminar Series

Tuesdays (September 2018 – June 2019)

9:00 – 10:00am

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

The purpose of this new 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 new 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.

Sept 18: Developing Your Leadership Skills

This session addresses the role of a research program/team leader. Subjects include strategies for identifying and developing effective leadership skills as well as tips for building and maintaining an effective team.

Speaker:

Gary Fiskum, PhD

M. Jane Matjasko Professor for Research in Anesthesiology;
Vice-Chair For Research; Professor of Biochemistry and
Molecular Biology and of Pharmacology, UMSOM

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

Oct 16 Time Management: including When to Say “Yes” and How and When to Say “No”

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:

Maureen Black, PhD

John A. Scholl, MD and Mary Louise Scholl, MD Professor,
Department of Pediatrics, UMSOM

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

SAVE THE DATE!

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

Nov 27: Project Management

Dec 18: Getting the Mentoring You Need – and Learning How To Mentor

Jan 15: Financing Research: 1) Developing a Budget for Your Research Program and 2) Diversifying Your Sources of Funding

Feb 19: Staffing Issues: Making the Best Hiring Decisions, including Interviewing and Evaluating Applicants; Terminating Employees

Mar 19: Communicating Effectively, including tips for holding small group meetings, conversations with your research group, communication styles

Apr 16: Negotiating Skills

May 21: Setting Up Collaborations, Networking, Getting the Most from Meetings & Conferences

Jun 18: Planning for Promotion

Individual Consultations (RCD)

GRANT APPLICATION/SUMMARY STATEMENT CONSULTATIONS

Wendy Sanders, MA, Associate Dean for Research Career Development, is available to meet with junior faculty regarding how to plan and develop NIH grant applications. In addition, Ms. Sanders is available to discuss eligibility for various NIH applications. Finally, Ms. Sanders is also available to discuss strategies for addressing summary statements/revising a research grant application. To schedule an appointment with Ms. Sanders, email: wsanders@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/> Ms. Mendoza can be contacted via email at smendoza@som.umaryland.edu

Funding Opportunities ~ Upcoming Deadlines

AMERICAN HEART ASSOCIATION Collaborative Sciences Award

The purpose of the Collaborative Sciences Award is to foster innovative collaborative approaches to research projects that propose novel pairings of investigators from at least two broadly disparate disciplines.

LOI DEADLINE: October 9, 2018

APPLICATION DEADLINE: January 31, 2019

WEBSITE:

https://professional.heart.org/professional/ResearchPrograms/UCM_460459_Collaborative-Sciences-Award.jsp

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

Funding Opportunities ~ Upcoming Deadlines

AMERICAN CANCER SOCIETY Research Scholar Grant

The Research Scholar Grant seeks to support innovative cancer research across a wide range of disciplines to meet critically important needs in the control of cancer. Applicants must be within six years of their first academic appointment.

APPLICATION DEADLINE: October 15, 2018

WEBSITE: <https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/research-scholar-grants.html>

AMERICAN HEART ASSOCIATION Career Development Award

The Career Development Award supports research on innovative questions or pilot studies that will provide preliminary data and training necessary to assure the applicant's future success as a research scientist in the field of cardiovascular and stroke research. Applicants must be within four years of their initial faculty appointment.

APPLICATION DEADLINE: October 17, 2018

WEBSITE:

https://professional.heart.org/professional/ResearchPrograms/UCM_495968_Career-Development-Award.jsp

AMERICAN HEART ASSOCIATION Innovative Project Award

The Innovative Project Award supports highly innovative, high-impact research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular or stroke research.

LOI DEADLINE: October 29, 2018

APPLICATION DEADLINE: January 17, 2019

WEBSITE:

https://professional.heart.org/professional/ResearchPrograms/UCM_497202_Innovative-Project-Award.jsp

More funding opportunities can be found at:

<http://www.medschool.umaryland.edu/career/Upcoming-Funding-Opportunities/>

UMB Internal Grants

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

UMGCC Funding Database (Cancer related research)

<https://umgcccfundingopps.org/>

PLEASE NOTE: We strongly encourage faculty to discuss their research application plans with their supervisor/Chairman. For some applications, such as career development awards or foundation applications, approval of the Chairperson is required to apply.



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