

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

August 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/>.

Research Skills Workshops

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**

Friday	Aug 3	12-1pm
Tuesday	Aug 21	9-10am
Thursday	Sept 6	1-2pm

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 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/fundingopps/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.

NOTE: Continental breakfast will be provided.

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

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 session, described below. 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.

Target Audience: UMB Faculty, Fellows and Postdocs

Speakers:

Wendy Sanders, MA

Associate Dean, Research Career Development Program, UMSOM

Stacie Mendoza

Program Director, Research Career Development Program, UMSOM

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

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.

- Oct 11: Writing and Conducting a Systematic Review
- 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
- April 11: Responding to Reviewers
- May 9: Reviews, Commentaries and Opinion Pieces
- June 13: Business Writing for Scientists: Email, Resumes, Reports, Etc.

The Research Career Development Program is pleased to announce a major new addition to our curriculum, a monthly seminar series, outlined below, which focuses on the skills and knowledge needed to successfully manage a research program or research team.

Managing Your Research Program: Monthly Seminar Series (NEW)

Tuesdays (September 2018 – June 2019)

9:00 – 10:00am

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

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.

Faculty and senior postdocs are welcome to attend all sessions, or to select the sessions they feel would be most useful to their needs. Registration is available for the first session noted below:

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: Will be announced shortly

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

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

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

Nov 20: Getting the Mentoring You Need – and Learning How to Mentor

Dec 18: Project Management

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

June 18: Planning for Promotion

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: Recent recipients of K awards

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!

Lecturer:

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>

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>

Introduction to Basic Research Training

Introduction to Basic Research

August 13-24, 2018

9:00 – 12:00pm each day

685 W. Baltimore Street, MSTF Building, Room 3-54

The Department of Medicine is pleased to offer its 16th annual summer course "**Introduction to Basic Research**" in August 2018.

The course is designed for fellows, residents, post-docs, technicians, students and clinicians who would like to include basic research in their studies, as well as clinicians who would like to explore the applications of basic science methodologies in clinical research. The goal of this course is to provide an overview of the various research techniques and expertise available on campus and also the core scientific resources that are available to our scientists at UMB. Lectures will deal with the background behind various molecular techniques, statistical applications and data analysis, balancing effort versus impact when beginning new research projects, research portfolio building, use of experimental animals, concepts of experimental design and experimental models.

The course will be held for two weeks from **August 13 – August 24, 2018**. Classes will be held **from 9 AM to 12 noon** each day in **MSTF, Room 3-54**.

The deadline for registration is **August 8, 2018**. Registration, which covers the cost of all class materials, is \$25. Checks should be written to the **University of Maryland, Baltimore**.

Link to the website: <http://medschool.umaryland.edu/medicine/>

For further information please contact

Ishwar S. Singh (is Singh@medicine.umaryland.edu)

Registration forms can be scanned and emailed or mailed to

Ishwar S. Singh: is Singh@medicine.umaryland.edu, or

Ishwar S. Singh: Health Science Facility II, Room S141, 20 Penn St., Baltimore, MD 21201.

CME credits will not be available.

CENTER FOR INNOVATIVE BIOMEDICAL RESOURCES (CIBR)

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

The **Center for Innovative Biomedical Resources (CIBR)** is the administrative umbrella for the wide portfolio of core facilities UMSOM investigators have available to support their research. In addition to the cutting-edge services, instrumentation and expertise CIBR cores provide, CIBR also hosts seminars, workshops, symposia and an annual retreat.

Spotlight on CIBR Resources

Translational Laboratory Shared Service (TLSS)

The Translational Laboratory Shared Service (TLSS) is a Core Lab in the Stewart and Marlene Greenebaum Comprehensive Cancer Center (UMGCC) in UMB's School of Medicine. Our mission is to translate or further the ideas of the researchers at UMB toward their next research goal and ultimately to clinical practice. We perform *in vitro* and *in vivo* work as well as support early phase clinical trials.

The lab's role is to support principle investigators at UMB who want to conduct scientific research using cancer cell lines, *in vivo* models, primary human cells, patient derived xenografts and clinical trial material. Our collaboration with Dr. Feyruz Rassool exemplifies one of our primary goals, to generate data using our umbrella IACUC protocol. Dr. Rassool investigates the combination of two classes of drugs to treat cancer, the demethylating epigenetic drugs (e.g. Azacytidine) and DNA repair inhibitors (e.g., PARP inhibitor, Talozaparib). With our help, Dr. Rassool and her students were able to demonstrate *in vivo* efficacy of this combination in both breast cancer and leukemia (Muvarak *et al*, Cancer Cell 2016).

Our collaboration with Dr. Ashkan Emadi illustrates the support the TLSS can provide physicians who want to conduct pre-clinical and translational research but do not have a lab of their own. Dr. Emadi's projects extend from bench work, *in vivo* work, processing of clinical trial samples and training his medical students, residents and fellows on how to conduct research. The result has been a fruitful list of publications, grant submissions and correlative studies for clinical trials.

Additionally, we have just started to offer CRISPR services with the help of Tami Kingsbury, PhD. We plan to work with cell lines initially. Though most of the experiments we perform are cancer-centric, we are able to support investigators of all disciplines.

University of Maryland School of Medicine
Center for Innovative Biomedical Resources
655 W. Baltimore Street
Baltimore, Maryland 21201
Email: CIBR@som.umaryland.edu

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

LEUKEMIA & LYMPHOMA SOCIETY Translational Research Program

The Translational Research Program put you on the bench-to-bedside fast track when it comes to finding better treatment and cures for leukemia, lymphoma and myeloma. Leukemia & Lymphoma Society is particularly interested in proposals to advance breakthroughs for the treatment of pediatric blood cancers.

LOI DEADLINE: August 31, 2018

APPLICATION DEADLINE: October 31, 2018

WEBSITE: <https://www.lls.org/research/translational-research-program?src1=22051&src2=>

Foundation Funding Assistance

To learn more about foundation funding opportunities, individual funding searches, and assistance with 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

NATIONAL INSTITUTES OF HEALTH (NIH)

Extramural Loan Repayment Program for Clinical Researchers
APPLICATION PERIOD: Annually from Sept 1 - Nov 15

WEBSITE:

https://grants.nih.gov/grants/guide/notice-files/NOT-OD-18-196.html?utm_campaign=+33170562&utm_content=&utm_medium=email&utm_source=govdelivery&utm_term

NATIONAL INSTITUTES OF HEALTH (NIH)

Extramural Loan Repayment Program for Pediatric Research
APPLICATION PERIOD: Annually from Sept 1 - Nov 15

WEBSITE:

https://grants.nih.gov/grants/guide/notice-files/NOT-OD-18-200.html?utm_campaign=+33170562&utm_content=&utm_medium=email&utm_source=govdelivery&utm_term

ALFRED P SLOAN FOUNDATION

Sloan Research Fellowship

The Sloan Research Fellowship seek to stimulate fundamental research by early-career scientists and scholars of outstanding promise.

NOMINATION DEADLINE: September 17, 2018

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

CONQUER CANCER FOUNDATION

Career Development Award

The Career Development Award provides research funding to clinical investigators, who have received their initial faculty appointment, as they work to establish an independent clinical cancer research program. Research must have a patient-oriented focus.

APPLICATION DEADLINE: September 25, 2018

WEBSITE: <https://www.conquer.org/career-development-award>

More funding opportunities can be found at:

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

UMB Internal Grants:

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

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.



UNIVERSITY OF MARYLAND
SCHOOL OF MEDICINE
Where Discovery Transforms Medicine
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