

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

October 2017

The Research Career Development Program (RCD) offers workshops, classes and seminars in subjects that are critical to an academic research career, including Grant Writing, Publishing Your Research and Identifying Funding Sources for Your Research. In addition, we offer 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

### Patient Centered Outcomes Research (PCOR) Funding Information Session

Tuesday, October 3  
9:00 – 10:30am

20 North Pine Street, Pharmacy Hall, N310

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/>.

**Speaker:** C. Daniel Mullins, PhD, Professor and Chair, PHSR Department, UMSOP

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

### Get to Know AHRQ: Healthcare Research Funding

Tuesday, October 17  
1:00 – 2:30pm

660 W. Redwood Street, Howard Hall, Room 224

The Office for Research Career Development is sponsoring a series of seminars to help investigators learn about available funding sources. The Agency for Healthcare Research and Quality (AHRQ) invests over \$100 million in research grants annually in order to produce evidence to make health care safer, higher quality, more accessible, equitable, and affordable. This 1 ½ hour session will cover AHRQ's research priorities, funding opportunities, and how to write competitive applications. More information on AHRQ funding is available at [www.ahrq.gov/funding](http://www.ahrq.gov/funding).

**Speaker:** Brent Sandmeyer, MPH, AHRQ Grants Lead

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

### Conflict Management for Scientists: Tips for Dealing with Conflicts Successfully

Thursday, October 19  
9:00 – 10:30am

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

The role of team science is increasing, leading to new opportunities, but also requiring different interpersonal skills than the traditional "single P.I." research. Whenever there is more than one person involved, conflict is likely to occur; this is especially true in team science, where there are many opportunities for conflict over differing perspectives, need for resources, personalities, work load and time pressures. Understanding how to manage conflict is an essential skill for both team leaders and members of research teams.

One important skill needed for Team Scientists is how to manage conflict positively. Failure to manage conflict can derail your team morale and productivity. Conversely, the ability to deal with conflict positively can help your team bond and move forward collaboratively with their science. Many scientists are unsure about how to manage conflicts, and try to avoid them altogether – a strategy which rarely works.

This workshop is designed to help you understand your current conflict style and explore other options to expand your conflict management toolbox. The workshop combines didactic information with participant exercises.

**Speaker:** Laurelyn Irving, PhD, Ombudsperson, University of Maryland, Baltimore

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

### Rigor & Reproducibility in Biomedical Research

Wednesday, October 25  
10:00 – 11:00am

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

Dr. Judy Hewitt from the National Institute of Allergy & Infectious Diseases had the privilege in 2014-2015 to assist the Office of the Director in formulating NIH's extramural policy on Enhancing Reproducibility through Rigor and Transparency for grants and contracts (NOT-OD-16-011). She will speak about the problem of reproducibility in biomedical research, the NIH policy and resources, as well as take questions.

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

### Identifying Funding Sources for Faculty

Friday, October 27  
9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This interactive workshop, given by **Stacie Mendoza**, Research Support Specialist, 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>

## Tips for Improving your Scientific Writing (Scientific Writing Seminar Series)

Tuesday, October 31  
9:00am – 10:00am

660 W. Redwood Street, Howard Hall, Room 450

This seminar focuses on tips for writing a clear scientific research paper, with a primary emphasis on the structure and content of a paper, but also providing some writing tips. This seminar is intended for investigators with limited experience writing research papers, or investigators who are uncertain about the appropriate content of each major section of a paper. The purpose of this seminar is twofold: 1) to help investigators write clearer, better organized papers; and 2) to help investigators write more quickly, based on better understanding of the structure of a standard peer-reviewed paper. Investigators with prior data that is waiting to be written into a paper are particularly welcome!

**Speaker:** Isabell May, PhD, Director, Writing Center, UMB

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

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

Thursday, November 2  
9:00 – 12:30pm

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

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 for Research Career Development, UMSOM

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

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## Working Effectively with a Biostatistician

Friday, November 3  
9:00am – 10:00am

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

The role of a statistician in quantitative biomedical research is fundamental. This seminar is intended to help investigators understand this role and establish an effective working relationship with a biostatistician. We will discuss how the statistician can help with the design and conduct of research, from refining the initial concept all the way to the analysis and interpretation of study outcomes.

Get answers to some frequently asked questions: When to enlist the help of a statistician? Which aspects of developing a research proposal/grant/manuscript can a statistician help with? How to find a statistician? And how to pay for his/her services?

**Speaker:**

**Soren M. Bentzen, Ph.D., D.M.Sc.**

*Professor, Director of the Division of Biostatistics and Bioinformatics,  
Director of the UM Greenebaum Cancer Center  
Biostatistics Shared Service, Departments of Epidemiology and Public  
Health and Radiation Oncology, UMSOM*

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

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## NIH Grant Writing: Things I wish I'd known when I was a junior faculty member

Tuesday, November 21  
9:00am – 10:00am

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

**Speaker:**

**Christy Chang, M.D.**

*Associate Professor of Medicine, UMSOM*

Dr. Chang is the recipient of several NIH R01 awards for her work on the genetics of complex disorders. Dr. Chang has also served as an NIH reviewer as well as a grant writing coach within National Research Mentoring Network. Dr. Chang combines these two perspectives to give junior faculty insights into how to write a competitive grant application. In the current funding climate, when rates are low, it is crucial to develop an application that does more than present the facts. Thus, Dr. Chang goes beyond the basics of presenting data to providing a scientific story based on the data. The ability to get reviewers interested in your scientific story is the key to a fundable grant.

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

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## Responding to Reviewers (Scientific Writing Seminar Series)

Tuesday, November 28  
9:00am – 10:00am

660 W. Redwood Street, Howard Hall, Room 450

During this seminars, participants will receive advice on how to respond to reviewers which is an important aspect of submitting a research paper.

## NIH Announcement Next Generation Researchers Initiative

The NIH recently announced the Next Generation Researchers Initiative (NIH Guide Notice [NOT-OD-17-101](#)). The goal of this initiative is to invest in the next generation of researchers. In order to reach these goals, the NIH will prioritize meritorious R01 and R01-equivalent applications from PIs with Early Stage (ESI) and Early Established (EEI) investigator status. The initial goal is to fund approximately 200 more early stage investigator awards and an additional 200 early established investigators than were funded in FY2016. **You should verify that all of your information is correct in eRA Commons in order to confirm your eligibility for priority funding!** Please contact **Joni M. Prasad, PhD** for more information: [jprasad@som.umaryland.edu](mailto:jprasad@som.umaryland.edu)

## Individual Consultations (RCD)

### GRANT WRITING/SUMMARY STATEMENT REVIEW CONSULTATIONS

**Wendy Sanders, MA**, Associate Dean for Research Career Development, is available to meet with junior faculty regarding how to plan, organize, write and revise a research grant application, including how to address summary statements. To schedule an appointment with Ms. Sanders, email: [wsanders@som.umaryland.edu](mailto:wsanders@som.umaryland.edu)

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### FUNDING SOURCE CONSULTATIONS

**Stacie Mendoza**, Research Support Specialist 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 an appointment with Ms. Mendoza, email: [smendoza@som.umaryland.edu](mailto:smendoza@som.umaryland.edu)

## Funding Opportunities ~ Upcoming Deadlines

### UNIVERSITY OF MARYLAND CLAUDE D. PEPPER OLDER AMERICANS INDEPENDENCE CENTER (UM-OAIC)

#### One-year pilot project funding

The UM-OAIC focuses on the restoration of function in persons with physical impairments, and the prevention of further progression in those who are already disabled. Studies may examine the mechanisms underlying the functional impairments associated with stroke, hip fracture, osteoarthritis and other common chronic diseases in older adults.

A pilot investigator (PI) should be a full time junior faculty member with limited external funding, a post-doctoral fellow with a written departmental commitment to faculty appointment within the coming academic year, or a more senior funded investigator transitioning to research in aging. PIs may use the funds for technical support, but not for their salaries. There must be a letter of commitment from the department to support a minimum of 5% of the PI's salary and effort for up to 2 years on the grant project. Additionally, human subjects (IRB) or IACUC approval is required before funding will be released. Interested applicants must discuss their project with a core leader (below) to assure compatibility with the center.

#### For more information, please visit:

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

To submit a letter of intent, please send it electronically in WORD format to **Anne Sullens** at [asullens@som.umaryland.edu](mailto:asullens@som.umaryland.edu).

The pilot projects that show promise will be invited to submit a five-page application.

**LETTER OF INTENT DUE:** November 13, 2017

**PILOT PROJECT APPLICATIONS DUE:** January 31, 2018

**Questions?** Contact **Ms. Anne Sullens** at 410-706-1695 or [asullens@som.umaryland.edu](mailto:asullens@som.umaryland.edu).



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685 W. Baltimore Street, MSTF 3-19  
Baltimore, MD 21201 Phone: 410-706-5434

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

## Funding Opportunities ~ Upcoming Deadlines

### UNIVERSITY OF MARYLAND CLAUDE D. PEPPER OLDER AMERICANS INDEPENDENCE CENTER (UM-OAIC)

**One junior faculty research scholar position available for a qualified M.D. or Ph.D. research scientist interested in studying aging-associated diseases using basic biological, patient-oriented clinical translational and epidemiological approaches.**

The goal of this program is to foster the career development of qualified junior faculty from multiple disciplines into independent, academic scientists in gerontology and geriatrics through a mentor-based, translational research training program.

#### Candidate Must Meet The Following Criteria:

1. Research interests and academic accomplishments (3-5 publications and abstracts/presentations) that demonstrate potential for success in aging research that involves enhancing functional independence and cardiometabolic health in older persons;
2. Demonstrated competence in research during previous clinical, research, and fellowship training;
3. Evidence of originality and critical thought in the conduct of research;
4. US citizen, permanent resident and/or green card; and
5. Not previously a PI on an NIH R01, program project, K Award or VA Merit grant.

**INITIAL SCHOLAR APPLICATION DUE:** November 13, 2017

**DETAILED SCHOLAR APPLICATION DUE:** January 31, 2018

Further information about the UM-OAIC including center core leaders and investigators can be found at

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

Interested candidates are encouraged to contact **Dr. Mary-Claire Roghmann** through **Ms. Sullens** ([asullens@som.umaryland.edu](mailto:asullens@som.umaryland.edu)) to discuss their application.

**Questions?** Contact Anne Sullens, at (410) 706-1695, or email [asullens@epi.umaryland.edu](mailto:asullens@epi.umaryland.edu).

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### THE McKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

#### 2018 McKnight Scholar Awards

The McKnight Endowment Fund for Neuroscience supports innovative research designed to bring science closer to the day when diseases of the brain can be accurately diagnosed, prevented, and treated.

**APPLICATIONS DUE:** January 8, 2018

For application form and guidelines, visit:

<https://neuroscience.mcknight.org/the-awards/scholar>

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### DORIS DUKE CHARITABLE FOUNDATION Scientist Development Award

The Doris Duke Clinical Scientist Development Award provides grants to junior physician scientists to facilitate their transition to independent clinical research careers.

**PRE-PROPOSAL DUE:** December 1, 2017

**FULL PROPOSAL DUE:** March 16, 2018

**WEBSITE:** <http://www.ddcf.org/what-we-fund/medical-research/goals-and-strategies/encourage-and-develop-clinical-research-careers/clinical-scientist-development-award/>

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More funding opportunities can be found at:

<http://www.medschool.umaryland.edu/career/Grant-Deadlines/>

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