

RESEARCH CAREER DEVELOPMENT NEWSLETTER

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

February 2022

The **Office of Research Career Development Program (ORCD)** supports the research and professional development of SOM faculty with an emphasis on supporting early stage faculty. **ORCD** provides programs and resources to develop skills in effective grant writing, scientific communication, and scientific leadership. In addition, ORCD offers one-on-one consultations in areas that are critical to academic research. To view the events and services offered by ORCD, please visit:

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

CAREER SKILLS SHORT SEMINAR SERIES

The purpose of this short seminar series is to discuss best practices for research skills essential for early stage faculty and senior postdoctoral fellows' career development. This new series will include bi-monthly short sessions that are no longer than 30 minutes (20 minute lecture followed by 10 minutes of questions and answers). Each session will cover a topic related to grant writing, scientific communication, and career advancement. Registration is available for the next two sessions.

Writing a Compelling Specific Aims Page

Wednesday, February 16th • 9:00 – 9:30am (Zoom)

The specific aims page is considered the most important section of a grant application. This one page must convey the scientific problem, your overall objective, and the significance of your project to your reviewers. This session will cover suggestions for writing a specific aims page that is clear, concise, and compelling to reviewers.

Speaker: Joseph F. Cheer, PhD, Professor of Anatomy & Neurobiology and Psychiatry, Graduate Program in Neuroscience, UMSOM

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

Communicating with NIH Program Officers and Grants Management Specialists

Wednesday, February 23rd • 9:00 – 9:30am (Zoom)

Identifying who to contact about scientific and administrative questions for your grant application is essential, especially in the early stages of preparing your grant application. This session will describe the different grants and administrative specialists at a funding agency and your institute, including when and how to contact them as you complete your grant application.

Speaker: Marey Shriver, PhD, Director, Office of Research Career Development; Assistant Professor, Department of Biochemistry & Molecular Biology, UMSOM

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

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. Each session focuses on an important aspect of scientific writing. Registration is available for the next two sessions.

Tips for Scientific Writing with a focus on clarity/editing

Thursday, February 24th • 9:00 – 10:00am (Zoom)

Scientific papers that are well-written have higher rates of acceptance, but often scientists are unsure of how to present their research succinctly and clearly. This seminar focuses on tips for writing scientific research papers with a primary emphasis on clarity and editing. The session makes use of examples to reflect common errors in scientific writing, and how to address these.

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

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

Tips for Writing Case Reports, Commentaries and Review Articles

Thursday, March 24th • 9:00 – 10:00am (Zoom)

This session will help clinicians/clinician educators learn how to initiate and develop peer reviewed publications that don't involve "traditional" peer-reviewed research. Participants will also learn strategies to get the most out of being promoted with these types of publications (e.g. Do the literature search for a grand rounds talk and then publish a review; involve a trainee in a case report and get points for mentoring and a publication).

Speaker: Rose Marie Viscardi, MD, Professor Emeritus, Department of Pediatrics, UMSOM

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

RESEARCH SKILLS SEMINAR SERIES

International Research: Ethical and Regulatory Research Challenges

Tuesday, February 22nd • 10:00 – 11:00am (Zoom)

Conducting research outside the U.S. can be challenging, both from an operational as well as from a regulatory perspective. Quality research needs to include appropriate ethical considerations, follow specific regulations, and involve local collaborators. During this session, Dr. Hirshon will discuss regulatory policies and best practices for investigators performing research activities outside of the US.

If you would like Dr. Hirshon to address specific questions regarding international research, please submit them [HERE](#).

Speaker: Jon Mark Hirshon, MD, PhD, MPH, FACEP; Professor, Departments of Emergency Medicine and Epidemiology and Public Health, UMSOM; Chief, Emergency Department, Baltimore VA; Senior Vice-Chair, Institutional Review Board (IRB)

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

Giving a Good Research Talk

Thursday, March 10 • 9:00 – 10:00am (Zoom)

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, Professor, Department of Otorhinolaryngology-Head & Neck Surgery, UMSOM

Registration required: <https://registrationrcdp.eventbrite.com>

Overview of NIH Career Development (K) Awards

Thursday, March 17th (Zoom)

9:00 – 10:30am (Lecture)

10:30 – 11:00am (Optional Breakout sessions)

This seminar is intended for new/junior faculty who are considering applying for an NIH career development (K) award and will help determine if it is an appropriate mechanism for their research and further training. This seminar is intended as an introduction to NIH K awards (K01, K08, K23) and will not cover how to write an NIH K award (a small interactive course on writing a K award will be available in the fall of 2022). The following subjects will be covered:

- Components of a K award
- Eligibility and competitiveness for a K award
- Preliminary steps, including developing a fundable research question, identifying your mentor(s) and communicating with your Program Officer
- Review Criteria for a K Award

The session will conclude with optional 30-minute breakout sessions. During the breakout sessions participants will have the opportunity to interact with the speaker, recent K awardees, and an NIH peer reviewer and ask questions related to their grant application.

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

Registration required: <https://registrationrcdp.eventbrite.com>

RESEARCH SKILLS SEMINAR SERIES

(Continued)

Writing Your First NIH R01 Grant Application: Two-Part Seminar Series

PART 1:

Tuesday, March 22nd • 9:00 – 10:00am (Zoom)

PART 2:

Wednesday, April 6th • 9:00 – 10:00am (Zoom)

This two-part seminar series is targeted to new/junior faculty members who have not yet applied to the NIH or who are planning to prepare their first R01 application. Please see the details and topics for each session below.

Speaker: Christy Chang, PhD, Senior Program Advisor, Office of Research Career Development, UMSOM

Part 1: Topics include:

- When does NIH consider an investigator ready for R01?
- Best ways to structure specific aims
- How to demonstrate innovation and feasibility
- Avoid known major weakness and common pitfalls
- Know your reviewers

Registration required: <https://registrationrcdp.eventbrite.com>

Part 2: Topics include:

- Tips on effective grant writing and formatting
- How to make your reviewers your advocates
- Preparing a winning mindset for grant writing
- Big picture: how to extrapolate NIH statistics to your grant writing

Registration required: <https://registrationrcdp.eventbrite.com>

MANAGING YOUR RESEARCH PROGRAM Bi-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. Each session focuses on a subject/skill set that is important to successfully developing and managing a research program/team. Registration is available for the next session.

Time Management; including When to Say "Yes" and How and When to Say "No"

Tuesday, March 29 • 9:00 – 10:00am (Zoom)

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. Dr. Lumpkins will address 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.

Dr. Lumpkins will provide criteria for identifying requests that may further a junior faculty member's career. She will also provide tips for declining requests professionally, and in a way that leaves the door open to opportunities subsequently. She will conclude this session with tips for managing your time strategically.

Speaker: Kimberly Lumpkins, MD, MBA, FACS, FRCS (Eng); Associate Professor of Surgery, Division of Pediatric Surgery & Urology, UMSOM

Registration required: <https://registrationrcdp.eventbrite.com>

SCHOLARLY WRITING ACCOUNTABILITY GROUP (SWAG) PROGRAM

Virtual Program to Help Faculty Increase Their Scholarly Writing Productivity

The Office of Research Career Development (RCD) provides a virtual peer accountability/support program designed to increase writing productivity among UMB early stage faculty called **Scholarly Writing Accountability Group (SWAG)**. A description of our virtual SWAG program follows, including details on how to participate.

What is a VIRTUAL SWAG?

A virtual SWAG is an active peer-led writing group for **UMB junior faculty** that meets for 1-hour, once a week over a 10-week period using **Microsoft Teams**. Groups follow a structured agenda including 15 minutes of updates and goal-setting followed by 30 minutes of individual writing and then 15 minutes of reporting and wrap-up. Each group is limited to 4-8 members who must commit to attending at least 8 out of the 10 weekly sessions. In a SWAG, there is no peer review of writing; SWAGs focus on the process of writing, not the content. **The purpose of SWAG is to help junior faculty get in the habit of 1) writing in short blocks of time daily or almost every day and 2) identifying and prioritizing feasible writing goals.**

Writing accountability groups are being used at multiple major medical schools. The data which have been reported on the results of this program are very favorable, reflecting marked increases in the quantity and quality of writing by junior faculty participants.

What are the Benefits of Joining a SWAG?

Faculty who join SWAG will:

- Develop new writing habits to achieve writing goals
- Improved time management skills
- Gain a greater sense of control over the writing process
- Build a small community of support/social network

If you are interested in participating in a virtual SWAG, please complete the following form:

<https://umbforms.wufoo.com/forms/request-to-join-swag>

New groups are being formed on a rolling basis.

For more information on our SWAG program, visit:

<https://www.medschool.umaryland.edu/career/Scholarly-Writing-Accountability-Group-SWAG-Program/>

Questions?

Contact **Stacie Mendoza** at smendoza@som.umaryland.edu

New group forming: Thursdays from 8-9am starting Feb 10th – few spots available to faculty.

Email smendoza@som.umaryland.edu if interested in joining this group.

PROFESSIONAL DEVELOPMENT RESOURCES RECOMMENDED BY ORCD

February PICKS!

- **The things we wished we had known**
<http://ecoevoeco.blogspot.com/2022/01/the-things-we-wished-we-had-known.html>
This blog post is devoted to those things that the author wished he had known when becoming a new research faculty member.
- **Avoiding Barriers Between Your Work and Your Reviewer** - <https://edgeforscholars.org/avoiding-barriers-between-your-work-and-your-reviewer/>
- **Responding to Manuscript Reviews While Avoiding Cerebral Aneurysms-**
<https://edgeforscholars.org/responding-to-manuscript-reviews-while-avoiding-cerebral-aneurysms/>
- **Writing Papers & Books Means Battling Emotions –**
<https://www.annaclemens.com/blog/perfectionism-emotional-labor-academic-writing>.
Read or listen to hear suggestions for overcoming procrastination, fear of rejection, and perfectionism while completing your writing.
- **Grant Writing Habits and Hacks with Dionna W. Williams, PhD**
<https://facultyfactory.org/grant-writing/>.
Hear suggestions on strategically applying for funding and storytelling to engage readers.

ACCESS ORCD'S 2020-2022 SEMINAR SLIDES & RECORDINGS

Join Office of Research Career Development's Microsoft Teams Page!

This page serves as a hub for ORCD's 2020-2022 seminar recordings and slides including the seminar series listed below:

- **Managing Your Research Program**
- **Scientific Writing**
- **Research Skills** (*grant writing, presentations, etc*)
- **Funding Seminar Series**
- **Career Skills Short Seminar Series** (*30 minute lectures*)

Click on the link below and then go to the "FILES" tab.

<https://teams.microsoft.com/l/team/19%3a7a8c2a7346504ab29ce68a2430868fc0%40thread.tacv2/conversations?groupId=a2cb7ca2-f2d2-45de-a17e-7bbefeb3a92d&tenantId=717009a6-20de-461a-8894-0312a395cac9>

This page will be updated with materials for future seminars once they become available. **Please note:** Only those with a UMB email address will be able to join and access this page.

If you have any questions or issues joining the page, please contact **Stacie Mendoza**, Program Director, at smendoza@som.umaryland.edu

INDIVIDUAL CONSULTATIONS Offered by ORCD

RESEARCH GRANT APPLICATION/SUMMARY STATEMENT CONSULTATIONS

Christy Chang, PhD, Senior Program Advisor for Research Career Development, is available to meet with faculty to discuss writing their first R01 NIH application. Dr. Chang offers consultations regarding readiness and eligibility for R01 level funding, specific aims, and other elements of an R01 application. In addition, she is available to discuss strategies for addressing summary statements and revising research grant applications for resubmission.

Email: cchang@som.umaryland.edu

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### CAREER DEVELOPMENT (K) 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 the development of a complete NIH career development (K) application. Dr. Shriver offers consultations regarding developing a clear research question and testable hypothesis. In addition, she provides consultations regarding eligibility for K grant applications, planning for an upcoming grant proposal, and assembling a K application – including creating a training plan. Lastly, 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. To schedule a funding consultation, complete the [Funding Search Request Form](#) online.

Email: smendoza@som.umaryland.edu

ORCD's MINI LIBRARY *Check it out!*

The ORCD'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 ORCD's office (**MSTF Building, Room 319**) and can be signed out for up to 3 weeks. Email smendoza@som.umaryland.edu if you would like to set up a time to visit our library.

A complete list of books can be found at <https://www.medschool.umaryland.edu/career/Resources-for-Research-Faculty/Mini-Library/>

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## 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

**Early Admission Deadline: February 15, 2022**

**Final Application Deadline: May 15, 2022**

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.

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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

Early Admission Deadline: March 1, 2022

Final Application Deadline: May 15, 2022

For more information, visit:

<https://www.medschool.umaryland.edu/k30/Certificate-Program-in-Clinical-Research/>

In particular, read the "Frequently asked questions" for each.

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For an individual consultation on whether this training is appropriate for you, please contact **Jennifer Albrecht, PhD**, [jalbrecht@som.umaryland.edu](mailto:jalbrecht@som.umaryland.edu)

**OFFICE OF FACULTY AFFAIRS &  
PROFESSIONAL DEVELOPMENT**  
Faculty Development Workshops

**Preparing for Promotion**

**Objectives:** Upon completion of this activity, participants should be able to:

1. Develop a Clinical Portfolio
2. Develop a Teaching Portfolio
3. Learn to correctly research publications and citation analysis
4. Prepare a correctly formatted Curriculum Vitae

**February 18, 2022 (10:00am – 12:00pm)**

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16193&formid=1713>

**March 11, 2022 (10:00am – 12:00pm)**

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16194&formid=1715>

**May 6, 2022 (9:00 – 11:00am)**

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16195&formid=1717>

**June 15, 2022 (10:00am – 12:00pm)**

Registration Link: <https://umaryland.cloud-cme.com/course/courseoverview?P=0&EID=16196&formid=1719>

**Accreditation**

The University of Maryland School of Medicine is accredited by the [Accreditation Council for Continuing Medical Education](#) to provide continuing medical education for physicians.

The University of Maryland School of Medicine designates this Live activity for a maximum of 2.00 **AMA PRA Category 1 Credits**™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Credits**

**AMA PRA Category 1 Credits**™ (2.00 hours), Non-Physician Attendance (2.00 hours)

**HEALTH SCIENCES & HUMAN SERVICES  
LIBRARY (HSHSL)**

**OSF for UMB Researchers**

OSF, a project of the [Center for Open Science](#), is a free and open source project management and collaboration tool that supports researchers throughout the research lifecycle. It's a great way to organize and share resources with your team and others!

The University of Maryland, Baltimore is now an OSF Institution, which means **you can log in to OSF with your UMID and password**. You will also be able to affiliate your public research with UMB on OSF and discover other affiliated research through our new [UMB-OSF landing page](#). If your research is not yet public, now might be a good time to consider sharing your existing or future work. Conducting your research through UMB's OSFI platform is a strategic way to enhance transparency, foster collaboration, and increase the visibility of your research.

**OSF Workshop – February 15<sup>th</sup> at 12:00pm**

To get started, join the **Center for Data and Bioinformatics Services** for a virtual Introductory OSF workshop on Feb 15<sup>th</sup> at noon, where we will demonstrate the main features and potential use cases and get you started using OSF! [Registration page](#).

For more information, you can view help guides on [signing in with your institution](#) and [affiliating your projects](#).

If you have questions regarding UMB's OSFI platform, please contact **Amy Yarnell** at [data@hshsl.umaryland.edu](mailto:data@hshsl.umaryland.edu)

**COVID-19 RELATED UPDATES &  
FUNDING WEBSITES**

**NIH UPDATES**

- **Information for NIH Applicants and Recipients of NIH Funding during COVID-19 Pandemic (including Funding Opportunities Specific to COVID-19):** <https://grants.nih.gov/policy/natural-disasters/coronavirus.htm>
- **Funding for Research on COVID-19 and Information for NIH Applicants re: Impact of COVID-19 on Grants and Submissions**

The following [document](#) includes COVID-19 Information for NIH Applicants and a list of COVID-19 related research funding opportunities and databases. This document is posted on the [RCD website](#) under the "**Funding Highlights**" section located on the Home Page.

**WEBSITES LISTING FUNDING OPPORTUNITIES SPECIFIC TO COVID-19**

- **EDGE FOR SCHOLARS:** <https://edgeforscholars.org/covid-19-funding-updates/>
- **UNIVERSITY OF MARYLAND:** <https://umd.infoready4.com/#competitionDetail/1809933>  
The **UMD-College Park Division of Research** issues funding alert emails on a weekly basis. To receive this alert, fill out the [online form](#). Visit the [COVID-19 Research @ UMD](#) page for updates, listings, news, etc.
- **JOHNS HOPKINS UNIVERSITY:** <https://hub.jhu.edu/novel-coronavirus-information/research-preparedness/research-preparedness-covid-19-funding-opportunities/>

## FUNDING OPPORTUNITIES

### VASCULAR CURES

#### Wylie Scholar Award

The Wylie Scholar Program provides career development grants to outstanding young vascular surgeon-scientists who combine active patient care with academic research.

**DEADLINE:** March 1, 2022

**WEBSITE:** <https://vascularcures.org/our-programs/wylie-scholar-award/>

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### AMERICAN PARKINSON DISEASE ASSOCIATION

#### Diversity in Parkinson's Disease Research Grant

The Diversity in Parkinson's Disease Research Grant is a one-year grant to study the health inequities and/or difference among under-studied Parkinson's Disease communities, across the spectrum of ethnicity, ancestry, geography, socioeconomic conditions, and gender.

**DEADLINE:** March 11, 2022

**WEBSITE:** <https://www.apdaparkinson.org/article/apda-diversity-in-research-grant-academic-year-2020-2021/>

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### ROBERT WOOD JOHNSON FOUNDATION

#### Harold Amos Medical Faculty Development Program

This program was created to increase the number of faculty from historically disadvantaged backgrounds (ethnic, financial, or educational) who can achieve senior rank in academic medicine, dentistry, or nursing and who will encourage and foster the development of succeeding classes of such physicians, dentists, and nurse-scientists.

**DEADLINE:** March 16, 2022

**WEBSITE:** <https://www.amfdp.org/for-applicants>

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### SIMONS FOUNDATION

#### Pilot Awards

Pilot Awards are intended to provide early support for exploratory ideas, particularly those with novel hypotheses for **autism**. Appropriate projects for this mechanism include those considered higher risk with less assurance of ultimate impact, but with the potential for transformative results. Investigators new to the field of autism are encouraged to apply for these awards.

**DEADLINE:** March 17, 2022

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

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### FAHS-BECK FUND FOR RESEARCH AND EXPERIMENTATION

#### Faculty/Post-Doctoral Research Grant Program

Areas of interest to the Fund are: studies to develop, refine, evaluate, or disseminate innovative interventions designed to prevent or ameliorate major social, psychological, behavioral or public health problems affecting children, adults, couples, families, or communities, or studies that have the potential for adding significantly to knowledge about such problems.

**DEADLINE:** April 1, 2022

**WEBSITE:** [https://www.fahsbeckfund.org/grant\\_programs.html](https://www.fahsbeckfund.org/grant_programs.html)

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### AMERICAN CANCER SOCIETY

- Research Scholar Grants
- Clinician Scientist Development Grant (CSDG)
- Mission Boost Grants
- Postdoctoral Fellowships

**DEADLINE:** April 1, 2022

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

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### BREAST CANCER ALLIANCE Exceptional Project Grants

This grant supports creative, unique and innovative studies related to breast cancer research. Clinical physicians, research scientists, including postdoctoral investigators, at any stage of their careers who are focused on breast cancer research are eligible.

**LETTER OF INTENT DUE:** April 1, 2022

**WEBSITE:** <https://breastcanceralliance.org/how-to-apply>

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### 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:** April 15, 2022

**APPLICATION DEADLINE:** September 1, 2022

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

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### MORE FUNDING OPPORTUNITIES CAN BE FOUND AT:

#### UMSOM Internal Funding Opportunities & External Funding Databases

<https://www.medschool.umaryland.edu/career/Resources-for-Research-Faculty/Internal-FundingDatabases/>

#### UMGCC Funding Database

(Cancer related research) <https://umgcccfundingopps.org/>



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