



UNIVERSITY *of* MARYLAND
SCHOOL OF MEDICINE
CENTER FOR ADVANCED RESEARCH
TRAINING & INNOVATION

CARTI Clinical/Translational & Public Health Research Training Track

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CARTI Clinical/Translational & Public Health Research Training Track



Mission: To increase the pool of scientists engaged in evidence-based clinical, translational, and public health research



Expected outcome: To increase the number of early-stage investigators conducting mentored research and successfully applying for extramural grant funding



Eligibility

- Be a senior fellow (MD, PhD, MD/PhD) or faculty member in an early to mid-stage of their research career at the University of Maryland, Baltimore with some prior research experience.
- Have research mentor(s) and existing clinical or public health research project or an area of research you are interested in pursuing



Eligibility (*cont.*)

- Have a letter of support from your Department Chair guaranteeing at least 20% protected time (8 hours/week) to conduct training and research over a 7-month period
- Have NOT served as a Principal Investigator on an NIH or federally funded research or career development award



Overview of CARTI Clinical/Translational and Public Health Research Training Track

Orientation



Didactic Instruction & Scientific Communication



Experiential Learning



Grant Writing Instruction



Capstone Grant Application & Mock Study Section



Didactic Instruction & Scientific Communication Intensive

- Length of time: 3 months
- Time commitment: 8 hours/week
- Format:
 - Combination of synchronous (live) and asynchronous (recorded)
 - Will include scholar presentations related to weekly lectures



Didactic Instruction & Scientific Communication Intensive (*cont.*)

- Didactic research topics:
 - Project design & implementation
 - Data collection, analysis, and management
 - Ethical, legal, and regulatory issues
- Scientific writing & communication topics:
 - Presenting your research
 - Reviewing & publishing scientific manuscripts
 - Responding to reviewer comments



Experiential Learning

- Length of time: at least 2 months
- Time commitment: 8 hours/week
- Format:
 - CARTI scholar works with mentor on finalizing a research protocol and/or beginning to execute a clinical research project



Grant writing instruction and capstone grant application

- Length of time: at least 2 months
- Time commitment: 8 hours/week
- Activities
 - Instruction on writing an NIH grant proposal
 - Write and present a grant proposal
 - Mock study section



Application Process

- **Application due date: September 8, 2023, 5pm EDT**
- Required material:
 1. Cover page
 2. UMSOM curriculum vitae (CV)
 3. Personal statement (1-2 page(s))
 4. Preliminary summary of proposed research project to be completed during experiential learning component (1 page)
 5. Letter of support from research mentor
 6. Letter of support from the Departmental Chair



Application & FAQ

- More information & full application:
<https://www.medschool.umaryland.edu/CARTI/CARTI-Training-Tracks/ClinicalTranslational-and-Public-Health-Research-Training-Track/>
- Answers to Frequently Asked Questions (FAQ):
<https://www.medschool.umaryland.edu/media/SOM/Research/CARTI/documents/CARTI-Clinical-Translational-Public-Health-Track-FAQ.docx>



Contact Us

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