

Center for Advanced Research Training & Innovation (CARTI)

Clinical/Translational Research Training Track 2025 Application

Information Session: Monday September 23rd 1-2pm

Application Deadline: Friday October 25th by 5:00pm EST

The Center for Advanced Research Training & Innovation (CARTI) is seeking applications for the 2025 Clinical/Translational Research Training Track. This program provides training to UMB fellows and faculty in an early stage of their research career who are seeking foundational training in developing and executing a mentored clinical/translational and/or public health research project, including effectively communicating research to get published and funded. *CARTI scholars are expected to submit a grant application within 6 months of participation in the training track.*

This 6-month training program will include didactic instruction, experiential learning, grant writing training, and a capstone project. Upon completion of the didactic and experiential learning, scholars will have a research protocol for a clinical or public health project that they are executing or will execute under the guidance of a mentor. Lastly, scholars will complete a capstone project which will consist of writing a grant application and participate in a mock study section review. CARTI scholars are required to complete each element of the training schedule, including completion of an individual development plan (IDP) and submission of a grant application within 6 months of participation. The proposed training schedule for CARTI scholars is as follows:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2024** | | **2025** | | | | | |
| Oct | Nov | Jan | Feb | March | April | May | June |
| Application deadline | 25-Oct |  |  |  |  |  |  |  |
| Selection of scholars |  |  |  |  |  |  |  |  |
| Orientation & completion of individual development plan |  |  |  |  |  |  |  |  |
| Didactic & grant writing instruction |  |  |  |  |  |  |  |  |
| Scientific communication training |  |  |  |  |  |  |  |  |
| Experiential Learning |  |  |  |  |  |  |  |  |
| Capstone Grant Application & Mock Study Section |  |  |  |  |  |  |  |  |
| Graduation Ceremony |  |  |  |  |  |  |  |  |

**Eligibility:**

To participate in the CARTI Clinical/Translational Research Training Track participants must meet the following eligibility criteria:

* 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/translational and/or public health research project or an area of clinical/translational and/or public health research you are interested in pursuing.
* 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 6-month period.
* Have NOT served as a Principal Investigator on an NIH or federally funded research or career development award.

\* Interested fellows or faculty who have not identified a mentor should consider using CARTI mentor matching to identify a mentor prior to completing their application. For more information, contact Dr. Marey Shriver ([mshriver@som.umaryland.edu](mailto:mshriver@som.umaryland.edu)).

**CARTI Mentor Expectations:**

Mentors of the CARTI scholars are expected to be available and supportive of CARTI scholars in executing a clinical/translational and/or public health research project. Mentors should strive to meet weekly or bi-weekly with CARTI scholars and provide guidance on designing, executing, and overcoming obstacles of the proposed clinical/translational and/or public health research project submitted with this application. Specifically, mentors are expected to provide guidance on the development of a research protocol during the didactic instruction, execution of the proposed research during the experiential learning, and completion of a capstone project. We recommend CARTI scholars conduct a clinical/translational and/or public health research project that is complementary to an ongoing, funded project of the mentor. Mentors will be asked to complete a short survey after their CARTI scholar completes the CARTI training track program.

**Application Format:**

Applicants must submit a single PDF which contains the following:

1. Cover page (see template on page 4)
2. UMB curriculum vitae (CV)
3. Personal statement (1-2 page(s)) describing applicant’s:

* Prior clinical, research, and career accomplishments to date
* Long term career goals
* Ongoing research project and mentor(s)
* Need for additional training and how CARTI training track will fill gaps in training

1. Preliminary summary of proposed research project to be completed during experiential learning component (1 page). The summary could include:
   * Research problem (including the critical barrier in the field the research addresses)
   * Health relevance
   * Overall objective of the proposed research
   * How the proposed research will impact your field and public health
   * *Please note: we do not expect a grant level specific aims page. The project summary will be used to determine a scholar’s research interests and level of knowledge on a subject area. We recommend scholar’s work with their mentors to prepare a project summary.*
2. Letter of support from research mentor that includes:
   * Research qualifications and specific details of previous mentoring experience, including number of previous mentees
   * Candidate’s need for additional research training and career goals
   * Description of the support provided to the scholar as they prepared their CARTI Clinical/Translational Research Training Track application
   * Description of commitment to candidate’s training and career development, including description of supervision and mentoring that will occur during 6-month training
3. Letter of support from the Departmental Chair that includes:
   * Current role of applicant in the Department, including research related experience
   * Support of participation in CARTI Clinical/Translational Research Training Track, including guarantee of at least 20% protected time (8 hours/week)
   * Commitment to the applicant’s career development and long-term goal of conducting research

**Application Deadline:**

Complete applications must be submitted to Yarlene Williams, at *(*[*YWilliams@som.umaryland.edu*](mailto:YWilliams@som.umaryland.edu)*)* by **Friday**, **October 25th by 5pm EST**.

**Review Criteria:**

All applications will be reviewed by a committee of faculty at UMB who have expertise in clinical/translational and/or public health training and research. CARTI scholars will be selected based on the following review criteria:

* **Potential of the applicant**. Priority will be given to applicants who have prior research experience and a commitment to conducting research as their long-term career goal.
* **Quality of the proposed project summary**. The proposed project is clear, focused, and builds on the applicant’s research interests and mentor’s expertise.
* **Commitment from the Department**. The applicant’s Department is committed to their career development and has provided 20% or more protected time for research and training. The applicant’s mentor thoroughly describes a clear commitment to the applicant, including frequency of regular meetings and description of supervision that will occur during the 7-month training.
  + **Engagement and quality of mentor**. The applicant’s mentor has the appropriate research expertise and experience in mentoring trainees in clinical/translational and/or public health research projects. The mentor has clearly described their ongoing and continued support to the applicant’s training and career development, including how frequently they will meet with the applicant during the 7-month training.

**Contacts:**

For questions, please contact Yarlene Williams at ([YWilliams@som.umaryland.edu](mailto:YWilliams@som.umaryland.edu)).

**CARTI Clinical/Translational Research Training Track Application Cover Page**

Name:

Terminal Degree:

Academic Title:

Primary Department/Institute/Center:

Email:

Name and email of your mentor(s): *please note, you must list at least one mentor who you will work with to conduct the proposed research detailed in the application.*

Mentor 1 name & email:

Mentor 2 name & email *(optional)*:

Mentor 3 name & email *(optional)*: