

Program Announcement Cancer Research Education Excellence in Radiotherapy Program (CaREER)

CaREER (Cancer Research Education Excellence in Radiotherapy) is an NIH/NCI funded R25 education and training program designed for the next generation of radiation oncology trainees. Our program is tailored to provide comprehensive training and education in the field of radiation oncology, preparing trainees for a successful career in this specialized area of medicine.

This program is intended for medical and graduate students who are in good standing in their programs and interested in building on their experience in radiation oncology research. Students will learn cutting edge technologies used in clinical research, medical physics, and discovery research in cancer biology.

We specifically encourage applicants from diverse backgrounds and underrepresented minorities, as well as students interested in Global Health. The number of fellowships is limited and admission is highly competitive. All applicants must be eligible to work in the United States and have working authorization.

The in-person portion of the program will run for a total of 8 to 12 weeks.

Key features of the program are:

- A mentored 8 to 12-week hands-on research experience through a co-op mentored by world class cancer researchers and clinicians at Johns Hopkins and collaborators. The hands-on training will help expand the trainee's research skills, sharpen critical thinking abilities, and develop practical team participation and collaboration skills. The aim is to facilitate trainees' abilities to conduct independent research and to publish or present their work at CaREER workshops and other conferences.
- Year-round complementary didactic CaREER program activities with research seminars and workshops for students. Seminars will focus on radiotherapy research areas, responsible conduct of research, research design, leadership, and cross-cultural communication. Meanwhile, annual CaREER workshops will focus on knowledge/experience sharing, research posters and oral presentations by trainees, as well as networking.

An application form may be found here: https://jh.qualtrics.com/jfe/form/SV_6PXFPVGWJgz4tUO and is due by 11:59 pm on Sunday, February 1, 2026. Please note that incomplete applications will not be reviewed. Decision notifications will be sent via email by early March 2026.

For questions regarding the CaREER Program, please email:

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