



Access for Medical Physicists to Education and Research Excellence (AMPERE)

Train. Lead. Transform Global Cancer Care.

AMPERE is an NIH/NCI-funded R25 research education program designed to prepare the next generation of medical physics leaders to work across disciplines, institutions, and international settings to advance cancer care in the United States and globally. The program equips trainees with mentored research experience, professional development, and exposure to cancer care delivery in low- and middle-income country settings.

Who Should Apply?

- Graduate and postgraduate trainees
- Backgrounds in physics, medical physics, engineering, or biomedical engineering
- Individuals in good academic standing
- Those with strong interest in global oncology research
- U.S. citizens or have a valid U.S. work permit*

*US-based international students with visas are eligible, contingent upon their ability to secure the appropriate work permit before the start of the program (June 2026). Visa holders are advised to speak with their university's international office to confirm work permit requirements and timelines.

Program Structure

- 2-week virtual global orientation program
- 10-week mentored, in-person research experience in Bangladesh, Botswana, Ghana, Nigeria, or Uganda
- Year-round digital seminars and lectures
- Responsible Conduct of Research training
- Leadership and cross-cultural communication development
- Annual AMPERE Symposium



Applications due **Tuesday, March 31, 2026** by 11:59pm EDT
Apply online: <https://forms.gle/KCsHovhLToPxo5Ko9>