

Imaging Methods for C/T Research

REQUEST FOR APPLICATIONS

Brief description:

Imaging Methods for Clinical and Translational (C/T) Research is an introductory online course for imaging technologies.

In this online course, participants will learn about how to select an imaging technology for use in research. This will include the process of designing a research question that can be tested through imaging, understanding the strengths and weaknesses of each technology, and then proposing the research project with an understanding of the features of the chosen technology. The technologies discussed are: nuclear imaging (PET/SPECT), electroencephalogram (EEG), optical imaging (NIRS), magnetoencephalogram (MEG), magnetic resonance imaging (MRI), computed tomography (CT), and ultrasound (US). The course will focus on the use of each of these technologies for research rather than for clinical application, with participants being able to choose the technologies that they are interested in learning about.

Target audience: Individuals with an interest in using imaging technology in research. No prior experience with imaging is expected or required, as this will be a basic introduction to the technologies.

Date applications are due for applicants: Thursday, June 15, 2017

Date by which applicants will be notified: Friday, June 29, 2017

Selection process and criteria: MD or PhD required.

Harvard Catalyst's Education Program offers first priority to applicants who are current Harvard students, faculty, or current employees of Harvard University, its ten schools, and its seventeen Academic Healthcare Centers (AHC), or that of Boston College School of Nursing, MIT, or Harvard Pilgrim Health Care. A complete list of participating institutions can be found on the Harvard Catalyst website: <http://catalyst.harvard.edu/about/>.

The next level of priority is awarded to members of the national Clinical Translational Science Award (CTSA) consortium. A complete list of participating institutions (CTSCs) can be found on the CTSA website: <https://www.ctsacentral.org/institutions>

Applicants who are external to the groups listed above are accepted for a fee when space is available.

The expectation is that by accepting a seat in one of the Education Program courses, the participant is agreeing to participate in the entirety of the course. Since the Education Program courses are expensive to produce, but are offered to Harvard and CTSC affiliates free-of-

charge, including Continuing Medical Education (CME) credits, the only obligation of participants is to fully participate and meet the basic requirements of completion for the course.

Please note that participants seeking CME credits must fulfill all requirements set forth in the course syllabus and complete all course surveys and evaluations to receive CME credits. No partial CME credits are offered.

If you have any questions about the course or information above, please don't hesitate to ask. The course coordinators can be reached at imaging@catalyst.harvard.edu.