

Funding Opportunities

TITLE: Early Phase Clinical Trials in Imaging and Image-Guided Interventions (R21)
[\(PAR-14-013\)](#)

SPONSOR: National Cancer Institute

Synopsis: This Funding Opportunity Announcement (FOA) is intended to support clinical trials conducting preliminary evaluation of the safety and efficacy of imaging agents, as well as an assessment of imaging systems, image processing, image-guided therapy, contrast kinetic modeling, 3-D reconstruction and other quantitative tools. As many such preliminary evaluations are early in development, this FOA will provide investigators with support for pilot (Phase I and II) cancer imaging clinical trials, including patient monitoring and laboratory studies.

Application Receipt/Submission Date(s): June 30, 2014; October 10, 2014; February 9, 2015, June 9, 2015; October 9, 2015; February 9, 2015; June 9, 2016; October 11, 2016; February 9, 2017, by 5:00 PM local time of applicant organization.

TITLE: Bioengineering Research Partnerships (BRP) R01
[\(PAR-14-092\)](#)

SPONSOR: National Institute of Biomedical Imaging and Bioengineering, National Cancer Institute, National Eye Institute, National Human Genome Research Institute, National Institute on Aging, National Institute on Alcohol Abuse and Alcoholism, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, National Institute on Drug Abuse, National Institute of Environmental Health Sciences

Synopsis: This Funding Opportunity Announcement (FOA) encourages bioengineering applications that will accelerate the development and adoption of promising tools and technologies that can address important biomedical research problems. The objectives are to establish these tools and technologies as robust, well-characterized solutions that fulfill an unmet need and are capable of enhancing our understanding of life science processes or the practice of medicine. Awards will focus on supporting multidisciplinary teams that apply an integrative, quantitative bioengineering approach to developing these technologies and engage biomedical researchers or clinicians throughout the project. The goal of the program is to support projects that can realize meaningful solutions within 5-10 years.

Application Receipt/Submission Date(s): May 20, 2014, September 18, 2014, May 20, 2015, September 18, 2015; AIDS Date: September 7, 2014, January 7, 2015, September 7, 2015, January 7, 2016

TITLE: SBIR Phase IIB Bridge Awards to Accelerate the Development of Cancer Therapeutics, Imaging Technologies, Interventional Devices, Diagnostics and Prognostics Toward Commercialization (R44)
[\(RFA-CA-14-002\)](#)

SPONSOR: National Cancer Institute

Synopsis: This Funding Opportunity Announcement (FOA) solicits Small Business Innovation Research (SBIR) applications from small business concerns (SBCs) that seek additional funding to support the next stage of development for projects that were previously funded under SBIR or STTR Phase II awards from any Federal agency. This FOA is expected to promote partnerships between Federally-funded SBIR or STTR Phase II awardees and third-party investors and/or strategic partners to facilitate and accelerate the capital-intensive steps that are required to commercialize new products and services.

Application Receipt Date(s): April 21, 2014, by 5:00 PM local time of applicant organization.