



The ACADEMY for Radiology & Biomedical Imaging Research

Advancing Innovation in Imaging Science

 www.acadrad.org

 @Acadrad

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What is our mission?

The Academy is an advocacy organization committed to **advancing research in medical imaging** to promote the health and well-being of patients. By engaging in a community of developing and experienced imaging scientists, novel technology experts, patients, and their advocates, we promote shared learning and communication on both current research and future initiatives. We also inform the public and policy makers about how imaging and image-guided therapies translate into disease prevention, earlier and more accurate diagnoses, and improved quality of health care.



Who do we support & who supports us?

The Academy's membership is reflective of the imaging community at large as it is made up of:

- 48 Academic radiology departments from across the U.S.
- 27 Imaging societies
- 8 Industry manufacturers
- 100 Patient advocacy groups

How do we interact with the NIH/NINDS?

At its core, the Academy is an advocacy organization committed to advancing innovation in imaging science by seeking more robust and sustained funding for the NIH. In addition to its base funding, we also work to increase the level of support that goes to imaging research overall. This means that every institute and center with an imaging portfolio is a priority, including NINDS.



How do we promote research?

As you will see in the research examples below, the Academy engages with a number of institutions whose research priorities are funded by the NINDS. This collection of these grant examples is a part of the Academy's annual NIH Data Collection project, which works to showcase not only the vital increases to NIH funded imaging research, but also highlights the incredible reach of imaging throughout multiple institutes and centers. In addition to this promotion of funding, we also promote investigators in the early career phase through our Council of Early Career Investigators in Imaging (CECI²). This council not only educates the next generation of imaging's advocates, but also enables them navigate the NIH grant process.

NINDS SUPPORTED IMAGING RESEARCH (FY22)

- Validation of Early Prognostic Data for Recovery Outcomes after Stroke for Future, Higher Yield Trials (VERIFY) - University of Cincinnati - \$3,992,880
- Therapeutic targeting of multiple glioblastoma phagocytosis checkpoints using a novel bispecific antibody - University of Texas, MD Anderson Cancer Center - \$435,054
- Stroke Rehabilitation utilizing BCI technology - Medical College of Wisconsin - \$446,255
- Multimodal MRI To Predict DBS Motor and Cognitive Outcomes in Parkinson's Disease - University of California, San Francisco - \$661,509

NINDS FUNDING TO IMAGING RESEARCH

The following figures show the progressive increase in NINDS' funding to imaging research. These figures were collected as part of the Academy's annual NIH Data Collection Project.

FY 2019 - \$63,900,000
 FY 2020 - \$78,234,956
 FY 2021 - \$87,965,896
 FY 2022 - \$103,313,795