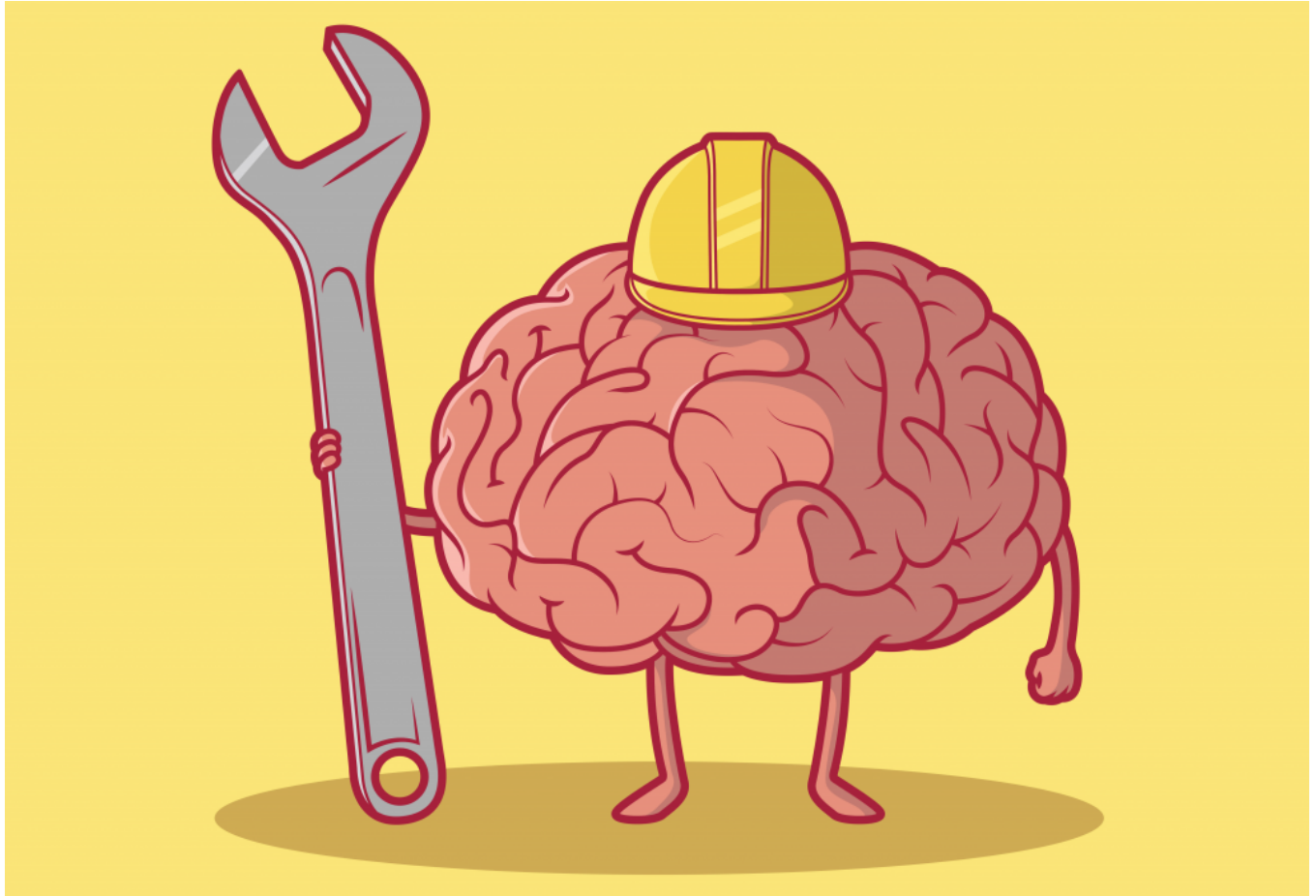


NSF Funding Available for Research on Augmenting Human Cognition and Intelligent Cognitive Assistants

March 12, 2018



In 2016, the US National Science Foundation (NSF) released a set of 10 “Big Ideas” reflecting promising areas of research lying at the intersection of multiple fields of analysis. To support research on one of these ideas, called [“The Future of Work at the Human-Technology Frontier,”](#) NSF has released a new funding opportunity calling for the involvement of behavioral scientists.

In this [new funding opportunity](#), NSF invites researchers to apply for funding for projects addressing two main themes related to the human-technology frontier: (1) Foundations for Augmenting Human Cognition and (2) Embodied Intelligent Cognitive Assistants.

According to NSF, Foundations for Augmenting Human Cognition proposals should seek to address “fundamental questions regarding human cognitive systems in the context of the future of work, leading to new knowledge in relevant science, engineering, and education fields. Projects may also incorporate meaningful research collaborations in which hardware or software testbeds co-evolve with, and synergistically inform, augmentation of human cognition.”

The Embodied Intelligent Cognitive Assistants theme invites research on “electronic devices, external to the body, that are informed by and responsive to the architecture of the human brain for the purpose of enhancing human capabilities.”

NSF anticipates funding a set of small projects (\$750,000 – \$1,000,000) and a set of large projects (\$1,500,000 – \$3,000,000) over a period of 3-5 years per grant.

To apply for this opportunity, researchers must submit a letter of intent, due April 16, 2018. Full proposals are due June 4, 2018.

APS recommends that interested researchers read through NSF’s entire solicitation, accessible through the following links, if they are considering applying for funding:

- https://nsf.gov/funding/pgm_summ.jsp?pims_id=505528&org=NSF&sel_org=NSF&from=fund
- https://nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=505528&ods_key=nsf18548