



NATIONAL  
ACADEMIES

Sciences  
Engineering  
Medicine

TRANSFORMATIVE SCIENCE AND TECHNOLOGY SEMINAR SERIES FOR THE  
DEPARTMENT OF DEFENSE

## Brain-Computer Interfaces: From Drone Control to Neuroprosthetics

Recent advances in brain-computer interfaces, both invasive and noninvasive, have broad implications for applications ranging from medicine to defense. These new technologies have the potential to disrupt and transform traditional research and engineering approaches.

Please join the National Academies for a [virtual seminar](#) on new developments in brain-computer interfaces on **Wednesday, March 20, 2024 from 1030-1230 ET**.

### SEMINAR SPEAKERS:

- **Dr. Bin He** (Carnegie Mellon University) will discuss his recent work on noninvasive brain-computer interfaces used for humans to fly a drone or control a robotic arm.
- **Dr. Bolu Ajiboye** (Case Western Reserve University, Schools of Engineering and Medicine) will discuss the development of brain-computer interface neuroprosthetic technologies for individuals who have experienced debilitating nervous system injury.

REGISTER TO ATTEND

### ABOUT THE SEMINAR SERIES

This ongoing unclassified seminar series, designed for a non-expert audience, highlights emerging trends in science and technology that could transform the Department of Defense's approach to research and engineering. Learn more and find out about upcoming events on the [project website](#).