

APFUS 2024

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Dr. Ali R. Rezai

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Ali R. Rezai, MD is the Associate Dean of Neuroscience at West Virginia University (WVU) and Executive Chair and Director of the WVU Rockefeller Neuroscience Institute (RNI). Since inception in 2018, Rezai has developed the RNI into a world-class patient care, education and research institute with 250 faculty in 6 Departments, and over 1,600 professionals providing neurological and mental health care for 270,000 patients annually.

Dr. Rezai's areas of clinical and research expertise involve neuromodulation, deep brain stimulation (DBS), and focused ultrasound for Parkinson's disease, chronic pain, addiction and Alzheimer's disease. He has led multiple first-in-human FDA clinical trials involving DBS and focused ultrasound.

Dr. Rezai is the author of more than 200 scientific publications with a h-index of 92, appearing in journals such as New England Journal of Medicine, Nature, JAMA Neurology, Lancet Neurology, and PNAS. He has served on the editorial board of multiple journals, edited two books, and has been the principal or co-investigator on seven NIH grants. He is currently the PI on a NIDA UO1 UG/UH3 grant for deep brain stimulation for addiction. He holds over 60 issued U.S. patents.

He is the past president of the Congress of Neurological Surgeons, the North American Neuromodulation Society (NANS) and the American Society of Stereotactic and Functional Neurosurgery (ASSFN). Dr. Rezai has received numerous awards including the Cleveland Clinic and Ohio State University Innovator of the Year and the NANS Lifetime Achievement Award.

Dr. Rezai's research has been featured in a range of media including The Washington Post, Wall Street Journal, New York Times, BBC, CBS, CNN, PBS, Good Morning America, 60 Minutes, Today, and others.