

Neuroscape News

April 2024

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Neuroscape is advancing the world of neuroscience and technology every day. Stay current with this quarterly update, and also follow us on [Facebook](#) and [Twitter](#) for the latest news.



NOW PLAYING:

Medicinal Media



A new video highlights the work of the Neuroscape Psychedelics Division within the broader context of our work to create new experiences for understanding and enhancing cognition and behavior.

[Watch Here](#)

OPPORTUNITY:

Participate: Recruiting Participants for MediTrain

Neuroscape is recruiting for our MediTrain studies on mindfulness and meditation. This Saturday, May 4, 2024, the research team will be at the Northpointe Elder Care Conference in Fresno, talking to people about the study and brain health. [Check it out.](#)

We are also actively recruiting participants for several other exciting studies to advance understanding and improvement of cognition and mental health. You may be eligible if you fit one of these groups:

Video Game Studies in Memory and Attention

- Open to healthy adults 65-85 years old willing to complete a few in-lab visits (fMRI) and multiple at-home sessions. [Get more information.](#)

Study on Emotional Well-Being in Adults

- Healthy adults 65-85 years of age willing to complete an in-lab fMRI session and to potentially participate in a remote, app-delivered intervention study. [Get more information.](#)

We are not currently recruiting for any psychedelic studies, but please check our [studies participation page](#) for updates.

STAFF SPOTLIGHT:

Journeys of Self-Growth



Working on the psilocybin study at Neuroscape has given Kate Allison a front-row seat to some remarkable journeys of self-growth among participants while also enabling her to grow her own skills in neuroscience research. The hope is that the study will lead to new understanding of how the brain changes with the psychedelic and thus lead to new therapeutic interventions.

Allison both provides a supportive presence while the participants are engaged in the study, as well as has learned to carry out MRI and EEG measurements during the study. Her work as an Assistant Clinical Research Coordinator at Neuroscape came after volunteering in the Psychedelics Division in her senior year at UC Berkeley.

Allison was drawn to the psychedelics research at Neuroscape because she sees an opportunity for the transformative power of science and technology. “I’ve felt that there’s been a lack of progress in treating growing numbers of mental health challenges, and I wanted to research new methods of treatment,” she says.

VOLUNTEER SPOTLIGHT:

A Path Forged in Exploration



For years, Ti-Fen Pan enjoyed building advanced software, but she had a lingering feeling something was missing. During the pandemic, she started a podcast to interview teachers and explore new innovations in education. This exploration would profoundly affect her career: leading her to the mind.

After interviewing an inspiring Taiwanese teacher who harnessed visual imagery mediators to teach Chinese, Pan reflected on how the lack of scientific validation of this promising method “hindered her advocacy.” She would then go on to interview more teachers who integrated practical science into their teaching methods.

These experiences “reignited my enthusiasm for self-studying various scientific fields, particularly cognitive neuroscience. I found myself invigorated by the mysteries of our brains and minds,” she says. Pan would volunteer at Neuroscape as a way to merge her background in software engineering (she has a master’s degree in electrical and computer engineering from Carnegie Mellon) with her burgeoning interests in the mind and brain.

As a volunteer, Pan has assisted with physiological data collection in EEG and fMRI studies and is now applying machine learning models to analyze the data in the Music and Mindfulness Study.

BRAIN NEWS ROUNDUP:

These news picks include articles about research and technology related to Neuroscape:

- [How to Have a Healthier Relationship with Your Phone](#)
- [To Appreciate the Music, the Human Brain Listens and Learns to Predict](#)

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