

Neuroscape News

January 2019

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



GET INVOLVED:

Internship opportunity: We have opened applications for our summer 2019 high school internship program. [Learn more.](#)

Neuroscape is also actively recruiting participants who are able to visit our Mission Bay campus. For more information or to sign up, please see our [participation page](#).

Neuroscape relies on support and participation from people around the world to make its programs possible. Thank you to all our current and past volunteer participants! Even if you have participated in the past, you may still be eligible to participate in further studies.

VIDEO FEATURE:

Exploring Video Games and the Brain with WIRED



CLOSE TO HOME:

Celebrating Neurotech at the Bay Area Science Festival



Neuroscape was a proud participant in the Bay Area Science Festival in November, introducing visitors to the Glass Brain, among other technologies.

VOLUNTEER SPOTLIGHT:



Brigid Larkin has been volunteering at Neuroscape, specifically working on Body Brain Trainer. A recent graduate of the University of San Francisco, she is planning now to apply to medical school. When asked why someone should volunteer at Neuroscape, she said:

“When you become a volunteer at Neuroscape, you’re going to have access to a tight knit community of some truly brilliant minds in the field who let you know they are a resource for you and mean it. Jumping into an environment like this one as an undergraduate with virtually no experience can be intimidating, but I’ve always been treated with so much respect and people go out of their way to let you know your work is appreciated. The degree to which you can get involved is entirely dependent on you, so if you are ambitious and curious, you really aren’t limited in what you can accomplish.

Neuroscape is a gem of place for young, aspiring healthcare professionals like myself. I can’t emphasize that enough. I could not have imagined how much I

would learn, not just about the field, but also about myself along the way. Get your foot in the door here and keep it propped open!"

NEUROSCAPE IN THE JOURNALS:

[Focus on the breath: Brain decoding reveals internal states of attention during meditation:](#)

"Evidence suggests meditation may improve health and well-being. However, understanding how meditation practices impact therapeutic outcomes is poorly characterized, in part because existing measures cannot track internal attentional states during meditation. To address this, we applied machine learning to track fMRI brain activity patterns associated with distinct mental states during meditation," the Neuroscape scientists wrote in the preprint with results on BioRxiv. "This new framework holds promise for elucidating therapeutic mechanisms of meditation and furthering precision medicine approaches to health."

BRAIN NEWS ROUNDUP:

- [Is our constant use of digital technologies affecting our brain health? We asked 11 experts.](#)
- [Ars on your lunch break: This is your brain on video games](#)
- [Brain Stimulation Relieves Depression Symptoms](#)
- [‘We’re All Hallucinating All of the Time’](#)
- [We Are All Bewildered Machines](#)

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