



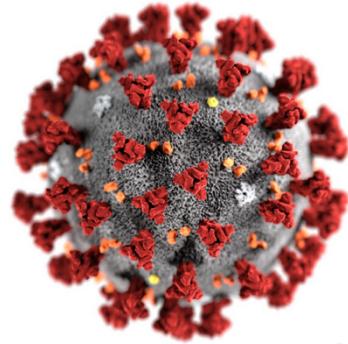
The Public is Invited to a Free Zoom Meeting

**of Pomona Valley UNA-USA
and University Club of Claremont**

Tuesday, May 5th, 2020 at 12:00 noon PST



“What We Need to Know About Covid-19 and Pandemic Responses”



Dr. Divya Chander, MD, PhD

Join Zoom Meeting

<https://us02web.zoom.us/j/82280101918?pwd=WGd6SkUraUE4VktLWDR0SzhVNEQrUT09>

Meeting ID: 822 8010 1918 Password: 084790

Dr. Chander is a physician, neuroscientist, and futurist who trained at Harvard, UCSF, UCSD, and the Salk Institute. She is currently the Chair of Neuroscience and Faculty of Medicine at Singularity University. She is also a Visiting Scholar in the Stanford Department of Medicine, and was on the Stanford School of Medicine Faculty for 8 years. Her postdoctoral training at Stanford allowed her to use light-activated ion channels inserted in DNA to study sleep and consciousness switches in brains. In the operating room, she applies EEG technology to understand what human brains look like when they lose and regain consciousness, and has a precision medicine initiative at Stanford aimed at understanding genetic variability in responses to anesthetic drugs. Her goal is to understand neural mechanisms of consciousness, as well as the evolution of human consciousness secondary to human augmentation.

She is working on devices that read the brain in order to screen for neural disease and perform drug and biomarker discovery. Her work in brain mapping and algorithms may enable writing to the brain or interfacing it to machines as well. Finally, her expertise crosses into studies of human longevity. There is no extended human lifespan without the preservation of the brain and mind. How do technologies like brain machine interfaces, human augmentation and cryonics affect the future of human consciousness?

Dr. Chander also contributes to space life sciences and medicine. A finalist for astronaut selection and an alumnus of the International Space University, Dr. Chander has performed remote simulations of trauma rescues, anesthesia and surgery in Mars analogue settings with physicians in the US, France, and the Concordia base in Antarctica. She has also been involved with a consortium that elaborated a road-map for studying the effect of microgravity and radiation on the nervous system, cardiovascular system, cognition and sleep.