The Center for Sensorimotor Neural Engineering (CSNE) sponsors a 10-week immersive summer research program for undergraduate students.

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The goal of the CSNE is to leverage an understanding of how biological systems acquire and process information to make smarter machines, and to interface those machines more effectively with the nervous system. This approach is being used by researchers at the Center to develop engineering interventions for neurological disease and injury as well as to augment normal neural function. Research at the CSNE is focused on reverse-engineering the sensorimotor aspects of the brain, developing neural interfaces, using neural signals to control external devices and developing sophisticated algorithms for closed-loop control between humans and machines.

Questions?
Go to csne-erc.org or contact Dr. Lise Johnson, University Education Manager at liseaj@u.washington.edu

CENTER FOR SENSORIMOTOR NEURAL ENGINEERING