

# NEURAL ENGINEERING SEMINAR SERIES

cne.psu.edu

## Trapped Inside Your Head: An Ethics Journey for Neural Engineering

<https://psu.zoom.us/j/94639233394>

**Feb. 22, 2023**

12:15 -1:15 p.m. (E.T.)

W306 Millennium Science



### Judy Illes, Ph.D

Professor of Neurology,  
Distinguished University  
Scholar, and UBC  
Distinguished  
Professor in  
Neuroethics  
University of British  
Columbia (UBC)

**ABSTRACT:** What can we learn from history of the arts and sciences to inform the ethics of neural engineering of the future? Where should we look to have maximum benefit in the design and implementation of neuro-related research and dissemination of results? This interactive seminar will address these questions and others that highlight the imperative of ethical thinking for neural engineering.

**BIOGRAPHY:** : Dr. Illes is Professor of Neurology, Distinguished University Scholar, and UBC Distinguished Professor in Neuroethics. She is Director of Neuroethics Canada, and faculty in the Centre for Brain Health and at the Vancouver Coastal Health Research Institute. In addition to her primary appointment in the Faculty of Medicine at UBC, Dr. Illes holds associate appointments in Population and Public Health and in Journalism at UBC, and in the Department of Computer Science and Engineering at the University of Washington in Seattle, WA, USA. Dr. Illes received her PhD in Hearing and Speech Sciences, and in Neuropsychology at Stanford University, and is a pioneer of the field of neuroethics formally established in early 2000. She is Vice Chair of the Advisory Board of the Institute on Neuroscience, Mental Health and Addiction of CIHR, Canada's NIH equivalent, Director-at-Large of the Canadian Academy of Health Sciences, and Chair of the International Brain Initiative. Dr. Illes received the Order of Canada, one of the country's highest awards for citizens, in 2017. Her latest books, a series on Developments in Neuroethics and Bioethics, feature pain, global mental health, do-it-yourself brain devices, neuro-law, and neuroarchitecture. She writes frequently for the public on topics related to the challenges of biomedicine for the brain in local and international news media.



CENTER FOR NEURAL  
ENGINEERING