## MAURY STRAUSS DISTINGUISHED PUBLIC LECTURE

Presented by the Fralin Biomedical Research Institute at VTC



READ MONTAGUE, Ph.D.

Virginia Tech Carilion Vernon Mountcastle Research Professor Director, Center for Human Neuroscience Research Fralin Biomedical Research Institute

## In Person Lecture: Machine Learning and Human Thought - A Modern Frontier

Machine learning and neural network approaches to complex problems have now invaded all parts of neuroscience and have long been part of an effort to understand the mind-brain connection. These efforts have now reached a stage where artificial systems best human performance and they even serve as a basis for understanding healthy and diseased mental function. This talk will highlight some recent successes of machine learning methods and point the way to practical advances in how we treat disorders of the mind and brain.



(Reception and hors d'oeuvres at 5 p.m.)
Room M203, 2 Riverside Circle, or watch via Zoom: <a href="https://FralinBioMed.info/DPL-Join.">https://FralinBioMed.info/DPL-Join.</a>

