

# MAURY STRAUSS DISTINGUISHED PUBLIC LECTURE

Presented by the Fralin Biomedical Research Institute at VTC



## MICHAEL FRIEDLANDER, Ph.D.

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Senior Dean for Research, Virginia Tech Carilion School of Medicine

## *Conducting the Neuro-Symphony in the Brain – Space, Time, and Calcium*

Dr. Friedlander's lab's recent work examined how the timing of electrical signals in the brain impact plasticity, influencing its ability to adapt after injury, as well as the crucial role calcium plays in our ability to learn and remember by regulating communication between nerve cells. Dr. Friedlander will share how these processes contribute to the brain's ability to adapt and learn by tuning its own connections on the fly.

THURSDAY, SEPT. 12, at 5:30 p.m.

(Reception and hors d'oeuvres at 5 p.m.)

Room M203, 2 Riverside Circle

Watch via Zoom: <https://FralinBioMed.info/DPL-Join>.



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