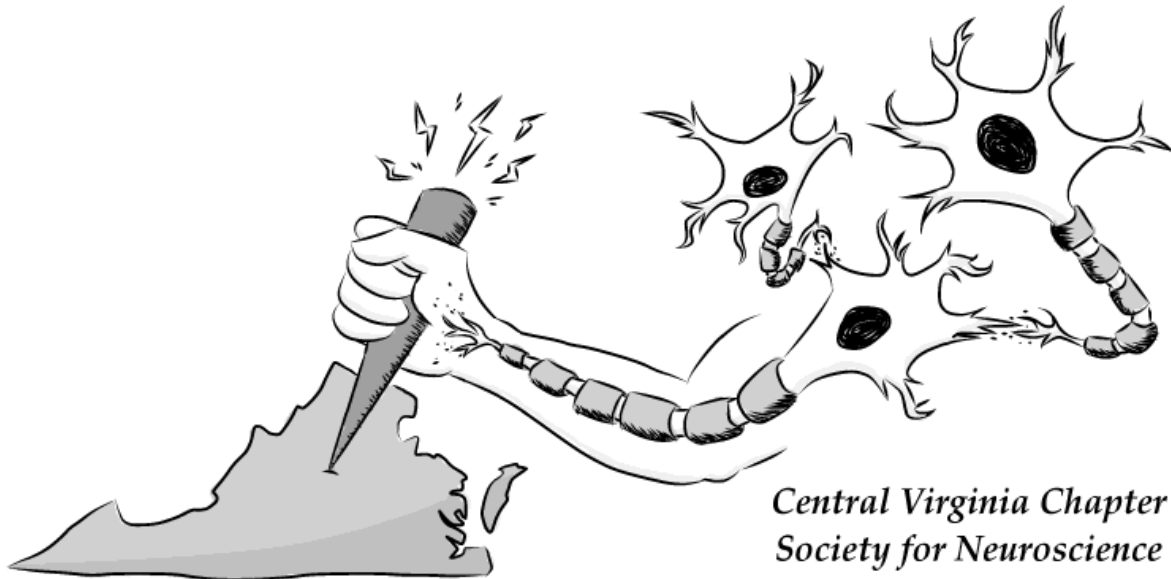


**Central Virginia Chapter of the Society for Neuroscience
2019 Annual Meeting
University of Virginia, School of Medicine**



Friday, April 12th

1:00 PM – Registration and Poster Set-up Open

2:30 PM – Welcome

Introduction by CVCSN President

2:40 PM – Illuminating Cells, Circuits and Behavior with Opto-tools

Co-Chair: Anousheh Bakhti-Suroosh – Lynch Lab *UVA*

Mi Mi Shin – Venton Lab *UVA*

Speaker: Daniel English, PhD – *Virginia Tech*

Title: “Optoelectrodes”

Speaker: Jonathan Marvin, PhD – *Janelia Farm, HHMI*

Title: “Genetically Encoded iGluSnFRs and iGABASnFRs”

Speaker: Shen Zheng - Ai Lab *University of Virginia*

Title: "Genetically-encoded serotonin sensors"

Speaker: Bowen Xiang/Yajun Zhang, PhD – Zhu Lab *University of Virginia*

Title: "Genetically-encoded acetylcholine, monoamine and peptide sensors"

3:45 PM – Poster Session

5:00 – Keynote Speaker

Juan Song, Ph.D. - *UNC School of Medicine*

**Dissecting Neural Circuits for Adult Hippocampal
Neurogenesis Regulation and Function**

Saturday, April 13th

9:00 AM – *In Vivo* Imaging

Chair: C. Daniel Meliza, PhD – *University of Virginia*

Speaker: Elise Savier, PhD – Cang Lab *University of Virginia*

Title: "Seeing without seeing: *in vivo* 2-photon imaging in the mouse superior colliculus"

Speaker: Ukpong Eyo, PhD – *University of Virginia*

Title: "Imaging microglia following seizures *in vivo*"

Speaker: Yanin Wan, PhD – Keller Lab *Janelia Farm, HHMI*

Title: "Reconstructing circuit development at the single-cell level"

10:00 AM – Glia !!!

Chair: Jony Kipnis, PhD – *University of Virginia*

Speaker: Sarah Kucenas, PhD – *University of Virginia*

Title: “Unwrapping glial diversity in the vertebrate nervous system”

Speaker: Tajie Harris, PhD – *University of Virginia*

Title: “Glia-derived signals promote focal protective immunity to CNS infection”

Speaker: Harald Sontheimer, PhD – *Virginia Tech*

Title: “Role of extracellular matrix in epilepsy”

11:00 AM – Cognition: Philosophy, Behavior and the Brain

Chair: Chase Amos – *University of Virginia*

Speaker: Zac Irving, PhD – *University of Virginia*

Title: “Mind-Wandering in Philosophy and Neuroscience”

Speaker: Felipe De Brigard, PhD – *Duke University*

Title: “The mirage of big data phrenology”

Speaker: Stephen LaConte, PhD – *Virginia Tech*

Title: “Decoding-based closed-loop neuroimaging”

12:00-1:00 PM – Lunch provided by Virginia Neuroscience Initiative

1:00 PM – Poster Session

2:00 PM – Virginia Neuroscience Initiative, and Virginia Graduate Schools

2:45 PM – Epilepsy & TBI

Chair: Mark Beenhakker, PhD – *University of Virginia*

Speaker: Kathryn Salvati – Beenhakker Lab *University of Virginia*

Title: “Glucose Modulation of Thalamocortical Neuron Excitability”

Speaker: Carmen Munoz Ballester, PhD – Robel Lab *Virginia Tech*

Title: “Astrocytes as key drivers of epilepsy after traumatic brain injury”

Speaker: Allison Bouslog – Campbell Lab *Virginia Tech*

Title: “Epilepsy and the gut microbiome”

Speaker: Kimberle Jacobs – *Virginia Commonwealth University*

Title: “Optogenetically-identified alterations in inhibitory connections after mild traumatic brain injury”

4:00 PM – Keynote Speaker

Stevens Rehen, Ph.D. – *UFRJ, D’Or Institute*

Biological Effects of Psychedelics in Human Neural Cells and Brain Organoids

5:00 PM: Awards Presentation and Closing

* Indicates not yet confirmed

Location: University of Virginia
Conference Center on the first floor of Pinn Hall
1311 Lane Road, Charlottesville, VA 22903

Parking can be found in the 14th Street Garage: 104 14th St NW

Walking to Pinn Hall Conference Center from 14th Street Garage:

Pinn Hall – Jefferson Park Avenue Entrance:

Take 14th Street back to University Avenue. Turn left and walk past the Graduate Hotel. Cross at the intersection and walk down Jefferson Park Avenue (JPA), past the University Children's hospital and under the railroad overpass. At the next intersection at Lee Street, cross and continue on JPA going under one overpass and Pinn Hall entrance will be on your left. If you come to a second overpass, you have gone too far. After you enter Pinn Hall, turn to your right and proceed to Pinn Hall Conference Center.

Pinn Hall Conference Center – Lane Road Entrance:

Take 14th Street back to University Avenue. Turn left and walk past the Graduate Hotel. Cross at the intersection and walk down Jefferson Park Avenue (JPA), past the University Children's hospital and under the railroad overpass. At the next intersection at Lee Street, cross and continue on JPA going under two overpasses. Turn left at Lane Road and proceed downhill, Pinn Hall Conference Center entrance will be on your left. Enter and follow the signs to the conference.

