



# Biology Seminar

Co-hosted by Department of Biology and Undergraduate Neuroscience Program

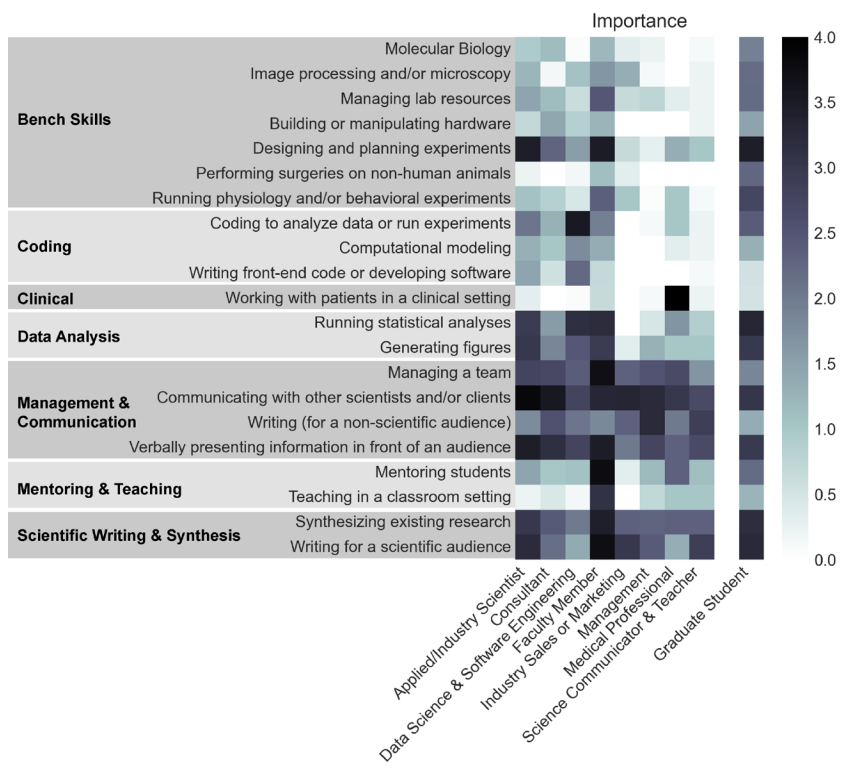
Speaker: **Ashley Juavinett, Ph.D.**

University of California San Diego | Associate Teaching Professor | Department of Neurobiology

<https://ashleyjuavinett.com/>

## How should we train the next generation of neuroscientists?

**Wed Oct. 23, 2024 | 12:30 PM PDT | HCK 132**



Neuroscience is a rapidly evolving field. As the frontier of neuroscience expands, it is leaving a wide gap between what the public (and our students) know, and how the field thinks about computations happening in the nervous system. Educators and researchers alike are tasked with the question of how we should train the next generation of neuroscientists. In this talk, I'll weave a story about my own career path as an educator, writer, and researcher along with insights

and efforts to build bridges between cutting-edge research and the state of undergraduate and graduate neuroscience education. In particular, we'll discuss the integration of programming into the neuroscience curriculum, the need for computational thinking, and ways in which we should strive to make our field more inclusive as it continues to evolve in these directions.

