



Spring 2025 Fozdar Symposium

April 30th, Chemistry Building 217, 10:30am-4:30pm

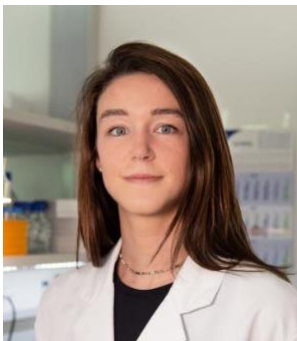
10:30am-12:00pm: PhD Student Talks



Heather Barber (Sarah Kucenas Lab): Radial astroglia cooperate with microglia to clear neuronal cell bodies during zebrafish optic tectum development.



Katherine Canada (Kevin Pelphrey Lab): Functional Protein Clustering Predicts Differential Gene Expression in Autism



Addison Webster (John Campbell Lab): Unraveling the Neural Circuitry of Energy Balance with Molecular Connectomics

12:00pm-1:00pm: Catered Lunch (RSVP)

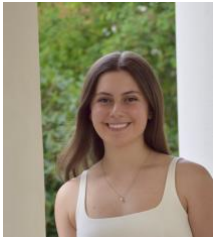
1:00pm-4:00pm: Fozdar Symposium Talks

Presented by Undergraduate Neuroscience DMP Students

1:00pm-2:30pm: Fozdar Symposium Talks (First Half)



Gianna Latorre: Hungry & Stressed:
Understanding Metabolic State Effects on
Autonomic and Psychological Stress Responses
in Humans



Faye Berry: Characterizing the Mesencephalic
Locomotor Region: A Neural Hub Coordinating
Breathing With Locomotion



Pritika Modhukuru: Cellular Garbage Pile-Up:
Effects of Reduced Efferocytosis in Multiple
Sclerosis



Rachel Johnston: Development of a Tissue-
Engineered Model of the Blood-Brain Barrier



John Lee: Sarm1-Dependent Metabolic
Reprogramming of Schwann Cells Following
Nerve Injury



Campbell Coleman: Estimated Axonal Latency
Predicts Differences in N170 Latency in Autistic
and Neurotypical Cohorts

2:30-2:45: 15 min break

2:45-4:00: Fozdar Symposium Talks (Second Half)



Christopher Turner: Characterization of Cortico-Tectal Input Across Species: An Evolutionary Comparative Analysis



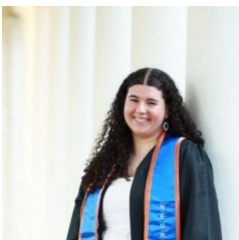
Charlotte Burgess: Seeking Synthetic Lethal Treatment for Myc-driven Medulloblastoma



Kate Meyer: Effect of Apoptotic Genes on Aberrant Glial Infiltration in *Drosophila*



Shrinidhi Kittur: Vasoactive intestinal peptide-expressing interneurons are impaired in SCN8A epileptic encephalopathy



Sydney Holton: Characterizing the Morphology and Connectivity of Geniculate Relay Cell Dendrites and Synaptic Inputs in P14 Mice

4:00 pm Cookie Break

4:15 pm Fozdar Symposium Award Presentations