

Education

School of Neuroscience Graduate Program, Virginia Tech

August 2018 - Present

Molecular Cellular Biology Program

B.A. Psychology Neuroscience, University of Nevada, Las Vegas

August 2014 - May 2018

Dissertation Committee

Dissertation Committee Chair:

Dr. Michelle Olsen

Committee Members:

Dr. Michael Fox

Dr. Stefanie Robel

Dr. Sharon Swanger

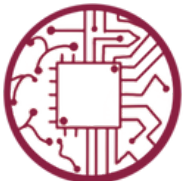
Dr. Daniel English



Systems



Cellular

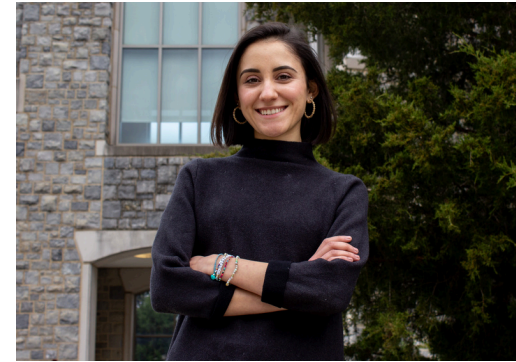


Computational



Molecular

Public Dissertation Defense



Beatriz T. Ceja Pinkston

BDNF and Astrocyte TrkB.T1 Signaling as a Mechanism Underlying Astrocyte Synapse Interactions in Motor and Barrel Cortex

June 7th 2024

1:00 PM

Zoom Meeting Information:

<https://viriniatech.zoom.us/j/87040798795>



Publications

- Holt, L.M., Hernandez, R.D., Pacheco, N.L., **Torres-Ceja, B.**, Hossain, M., & Olsen, M.L. (2019). Astrocyte morphogenesis is dependent on BDNF signaling via astrocytic TrkB.T1. *eLife*, 8. DOI: 10.7554/eLife.44667
- **Torres-Ceja, B.**, Olsen, M.L. (2022). A closer look at astrocyte morphology: Development, heterogeneity, and plasticity at astrocyte leaflets. *Current Opinion in Neurobiology*, 74. DOI: 10.1016/j.conb.2022.102550
- In Preparation: **Pinkston, B.T.C.**, Browning, J.L., and Olsen, M.L. Astrocyte TrkB.T1 deficiency disrupts glutamatergic synaptogenesis, astrocyte synapse interactions, and leads to hyperactive behaviors in mice

Awards

- **2022: NIH/NINDS F31 1F31NS127511-01**
- **2021: NIH Diversity Supplement NS120746**
- **2021 Dean's Graduate Award for Excellence**, College of Science

Professional Development

2018-Present



Neuroscience Post-Doctoral and Graduate Student Association

- Communications Officer (2019-2020)
- Graduate Chair (2020-2021)
- Graduate Chair (2021-2022)
- Diversity Equity and Inclusion Committee (2020-2023)

2020-2023



Scientistas at Virginia Tech

- Founder (2020)
- President and Co-Director (2021-2022)
- Co-Director (2022-2023)

