

JORDAN BROWN  
2025 Woodmont Blvd Apt 232  
Nashville, TN 37215  
(251) 463-9336  
Jordan.brown@vanderbilt.edu

EDUCATION

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**Auburn University** 2010- 2014  
B.A., Chemistry-Pre-Medicine, *Cum laude*

RESEARCH EXPERIENCE

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**Auburn University** 2013- 2014  
*Undergraduate Research Assistant*  
Auburn University MRI Research Center  
Department of Psychology  
Advisor: Jennifer Robinson, Ph.D.

**University of Alabama-Birmingham** 2014- 2015  
*Post-baccalaureate Student*  
Post-Baccalaureate Research Experience Program  
Department of Neurobiology  
Advisor: Jeremy Day, Ph.D.

**University of Alabama-Birmingham** 2015- 2016  
*Post-baccalaureate Student*  
Post-Baccalaureate Research Experience Program  
Department of Neurobiology  
Advisor: J. David Sweatt, Ph.D.

**Vanderbilt University** 2016- Present  
*Graduate Student*  
Pharmacology Department  
Advisor: Danny G. Winder, Ph.D.

ADDITIONAL TRAINING

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**Code in Place**, offered online by Stanford University April- May 2020  
*Completed 5-week introductory online Python programming course based on material from the first half of Stanford's introductory programming course, CS106A*

**Data Analyst Intern**, BioCentury July 2020- present

FELLOWSHIPS AND AWARDS

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**HHMI Gilliam Fellowship** 2018-Present  
**NIH Pre-Doctoral Training Fellowship (T32 GM07628)** 2017- 2018  
**Auburn University Spirit of Auburn Scholarship** 2010- 2014

ACTIVITIES

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**Pharmacology Graduate Student Association** Director of Education, Vanderbilt University 2017-Present  
**Initiative for Maximizing Student Diversity** Vanderbilt University 2016- Present  
**Society for Advancement of Chicanos and Native Americans in Science** National Chapter Liaison, Vanderbilt 2017-Present  
**Auburn University Student Government Association** 2010-2011

PROFESSIONAL MEMBERSHIPS

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**Society for Neuroscience** 2018-Present  
**Molecular and Cellular Cognition Society** 2014-Present  
**Society for Advancement of Chicanos and Native Americans in Science** 2016-Present

PRESENTATIONS

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- HHMI Investigator Science Meeting** February 2020  
 Ashburn, Virginia  
*Alpha2a-adrenergic receptors divergently modulate CRF+ and CRF- neurons in an extended amygdala microcircuit*  
**Jordan A. Brown**, Allie Jin, Tracy L. Fetterly, Nicholas A. Harris, Danny G. Winder
- HHMI Gilliam Annual Meeting** September 2019  
 Chevy Chase, Maryland  
*Alpha2a-adrenergic receptors divergently modulate CRF+ and CRF- neurons in an extended amygdala microcircuit*  
**Jordan A. Brown**, Allie Jin, Tracy L. Fetterly, Nicholas A. Harris, Danny G. Winder
- Vanderbilt Center for Addiction Research Science Day** November 2018  
 Nashville, Tennessee  
*Alpha2a-adrenergic receptors divergently modulate CRF+ and CRF- neurons in an extended amygdala microcircuit*  
**Jordan A. Brown**, Tracy L. Fetterly, Nicholas A. Harris, Danny G. Winder
- HHMI Gilliam Annual Meeting** September 2018  
 Ashburn, Virginia  
*Alpha2a-adrenergic receptors divergently modulate CRF+ and CRF- neurons in an extended amygdala microcircuit*  
**Jordan A. Brown**, Tracy L. Fetterly, Nicholas A. Harris, Danny G. Winder
- National Enhancement of Underrepresented Academic Leaders Conference** June 2015  
 Birmingham, Alabama  
*Activity-Dependent Regulation of DNA Methylation in Neurons*  
**Jordan Brown**, Esther Song, Akriti Kaur, Nancy Gallus, and Jeremy Day
- Annual Biomedical Research Conference for Minority Students** November 2014  
 San Antonio, Texas  
*Activity-Dependent Regulation of DNA Methylation in Neurons*  
**Jordan Brown**, Esther Song, Akriti Kaur, Nancy Gallus, and Jeremy Day
- Molecular and Cellular Cognition Society Meeting** November 2014  
 Washington, D.C.  
*Extra-Coding RNAs Regulate Neuronal DNA Methylation and Memory Formation*  
 Katherine E. Savell, Nancy Gallus, Esther Song, Rhiana Simon, Mary Katherine Osborn, **Jordan Brown**, John J. O'Malley, J.David Sweatt, and Jeremy Day

PUBLICATIONS

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- Savell, K. E., Gallus, N. V. N., Simon, R.C., **Brown, J. A.**, Revanna, J.S., Osborn, M. K., Song, E. Y., O'Malley, J. J. Stackhouse, C. T., Norvil, A., Gowher, H., Sweatt, J. D., Day, J. J. (2016). Extra-coding RNAs regulate neuronal DNA methylation dynamics. *Nature Communications*, 7, 12091.
- Meadows, J. P., Guzman-Karlsson, M. C., Phillips, S., **Brown, J. A.**, Strange, S. K., Sweatt, J. D., & Hablitz, J. J. (2016). Dynamic DNA methylation regulates neuronal intrinsic membrane excitability. *Science Signaling*, 9(442), ra83–ra83.

REFERENCES

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| <p><b>Danny Winder, PhD</b><br/>                 Principal Investigator<br/>                 Professor at Vanderbilt University<br/>                 Director, Vanderbilt Center for<br/>                 Addiction Research (VCAR)<br/>                 danny.winder@vanderbilt.edu<br/>                 (615) 322-1144</p> | <p><b>Brad Grueter, PhD</b><br/>                 Committee Chair<br/>                 Assistant professor of Anesthesiology<br/>                 Vanderbilt University<br/>                 brad.grueter@vanderbilt.edu<br/>                 (615) 936-2586</p> | <p><b>Cristin Gavin, PhD</b><br/>                 Post-baccalaureate Mentor<br/>                 Assistant Professor<br/>                 University of Alabama at Birmingham<br/>                 cfgavin@uab.edu<br/>                 (205) 934-6433</p> |
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- JORDAN BROWN