

# Katherine Pereira

Email: kpereira2@wisc.edu

## Education

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*University of Wisconsin-Madison, Madison, WI* September 2020-Present

### Degree Program

- Clinical Psychology Doctoral Program

*Virginia Polytechnic Institute and State University, Blacksburg, VA* August 2014-May 2018

### Degrees

- **B.S. in Neuroscience**
  - Double major in Cognitive and Behavioral Neuroscience and Experimental Neuroscience
- **B.S. in Psychology**
  - Minor in Leadership and Social Change

### Study Abroad

August 2016-December 2016

#### ***Lugano, Switzerland and Rwanda, Africa***

*Linking Lives, Creating Sustainable Social Change*

- Created a grant proposal for genocide reconciliation research in Rwanda

## Research Experience

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*University of Wisconsin-Madison, Madison, WI* September 2020-Present

### ***Graduate Student, Koenigs Lab, Dr. Michael Koenigs***

- Research interests include understanding neural and psychological deficits in affective and cognitive function in incarcerated individuals with psychiatric disorders such as PTSD and psychopathic personality disorder
- Other projects interests include racial inequality in prisons and mental health care access in correctional facilities

*Washington University in St. Louis, St. Louis, MO* August 2018-July 2020

### ***Research Technician, Cognitive Control and Psychopathology Lab, Dr. Deanna Barch***

*Effort-based decision making and motivated behavior in everyday life*

- Research examining the neural and psychological causes of problems with motivation and reinforcement learning in individuals with psychiatric disorders such as schizophrenia, bipolar disorder, and major depression
- Data analysis for independent project on reinforcement learning in psychotic-like experiences

*Virginia Tech Carilion School of Medicine and Research Institute, Roanoke, VA* January 2017-May 2018

### ***Undergraduate Research Assistant, Valdez Lab, Dr. Gregorio Valdez***

*Investigating the role of QSOX1 in skeletal muscles and their synapses*

- Cellular, molecular, and neurobiology research with a focus on identifying molecules that serve to protect or maintain healthy neuromuscular synapses

*Virginia Polytechnic Institute and State University, Blacksburg, VA* August 2015-July 2016

### ***Undergraduate Research Assistant, JK Lifespan Development Lab, Dr. Jungmeen Kim-Spoon***

*Neurobehavioral determinants of health-related behaviors*

- Behavioral, psychological, and neurobiological research focused on predictors of adolescent risk decision-making and health risk behaviors

## Fellowships & Awards

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*University of Wisconsin-Madison, College of Letters and Science* August 2020-May 2021

### ***Graduate Research Scholars Fellowship: Advanced Opportunity Fellow***

- Fellowship for one academic year awarded to support the recruitment and retention of highly qualified underrepresented graduate students

University of Wisconsin-Madison Department of Psychology

July 2020

**Kenneth and Mamie Clark Award**

- One-time monetary award to help ease the transition from college to graduate study for minority or first-generation college students

Virginia Tech Carilion School of Medicine and Research Institute

May 2017-July 2017

**Neuroscience Summer Undergraduate Research Fellow**

*Investigating the role of QSOX1 in skeletal muscles and their synapses*

- Conducted independent research in a 10-week translational neurobiology summer program
- Independent data collection and analysis using gene knockout mice to conduct preliminary research on the impact of QSOX1 on the neuromuscular junction

**Publications**

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Herskovits A., Hunter T., Maxwell N., **Pereira K.**, Whittaker C., Valdez G., Guarente L. (2018). *SIRT1 deacetylase in aging-induced neuromuscular degeneration and amyotrophic lateral sclerosis*. *Aging Cell*. doi:10.1111/ace.12839

**Presentations**

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Poster Presentations

- **Pereira, K.**, Culbreth, A., Moran, E., Barch, D. *More psychotic-like experiences predict less model-based learning*. Society for Research in Psychopathology. September 19-22, 2019. Buffalo, NY.
- Staggengborg, K., Sutherland, N., **Pereira, K.**, Debopadhaya, S., Valdez, G. *The role of QSOX1 in the formation and maintenance of neuromuscular junctions*. Virginia Tech Carilion School of Medicine Research Symposium. March 23, 2018. Roanoke, VA.
- **Pereira K.**, Staggengborg K., Valdez G. *Investigating the role of QSOX1 in skeletal muscles and their synapses*. Virginia Tech Summer Undergraduate Research Symposium. July 27, 2017. Blacksburg, VA.
- Briant A., Holmes C., Lee J., Hochgraf A., Omohundro H., **Pereira K.**, King-Casas B., and Kim-Spoon J. *Positive and negative affect and adolescent adjustment: Moderation effects of prefrontal functioning*. Society for Research in Child Development 2017 Biennial Meeting. April 6-8, 2017. Austin, TX.
- Peviani K., Kahn R., Hochgraf A., Omohundro H., **Pereira K.**, Bickel W., B. King-Casas B., and Kim-Spoon J. *The Indirect Effect of Parent Delay Discounting on Adolescent Delay Discounting through Household Chaos*. Society for Research in Child Development 2017 Biennial Meeting. April 6-8, 2017. Austin, TX.

**Additional Work Experience**

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St. Louis Country Club

April 2019-May 2020

**Server, Part-Time**

**Organizations**

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Catalysts for Science Policy

September 2020-Present

Society for Research in Psychopathology, Associate Member

September 2019-Present

Missouri Cures, Key Volunteer

April 2019-July 2020

500 Women Scientists, St. Louis Pod and Madison Pod

February 2019-Present

Sigma Kappa Alumnae, St. Louis Chapter

September 2019-July 2020

Virginia Tech Alumnae, St. Louis Chapter and Wisconsin Chapter

August 2018-Present