

OBJECTIVE

EDUCATION

Texas A&M University, College Station, TX December 2022
Master of Science in Experimental Psychology, with Thesis

University of Waterloo, Ontario, Canada June 2020
Bachelor of Arts in Psychology, Minor in Philosophy, Cognitive Science

RESEARCH EXPERIENCE

Spatial Thinking & STEM Learning Lab, Texas A&M University 2020 - Present
PI: Dr. Heather Burte
Roles: Graduate Assistant & Researcher

- *Master's Thesis*: Relationship between Perspective Taking with Space and People.
 - Designed and conducted research to examine the use of perspective taking ability in spatial and social (mentalizing) context.
- Research into evaluating North pointing ability using photographs of the Texas A&M University Campus.
- Assisted in formulation of discussion topics and experiments for a Human Cognitive Processes course as part of a Presidential Transformational Teaching Grant project.

Human Brain Processes During Complex Locomotor Navigation, Texas A&M University 2021 - 2022
PI: Dr. Andrew Nordin & Dr. Heather Burte
Roles: Graduate Researcher

- Research into how the brain is able to process information for navigating complex terrain.
- Develop new methods for wirelessly measuring human brain and body dynamics during gait.
- Directed and trained 3 undergraduate research assistants to develop computerized experiments.

Britt Anderson Group, University of Waterloo 2018 - 2020
PI: Dr. Britt Anderson
Roles: Research Assistant, Undergraduate Researcher

- *Undergraduate Thesis*: Mental Model Updating and Pupil Response.
 - Designed and conducted research on pupillary response to belief change.
- Assisted in two experiments that contributed to Masters theses.

TEACHING EXPERIENCE

Texas A&M University 2021 - 2022
Graduate Teaching Assistant, 4 Semesters

- Assisted and instructed labs for undergraduate psychology statistics and research methods courses.

Lab Trainer, 2.5 Semesters

- Trained, up to 9, undergraduate research assistants per semester in the Spatial Thinking & STEM Learning Lab.
- Introductory R Tutorial.

LEARNING EXPERIENCE

Fall 2021 Basic Training Course on Gait Analysis and Research with the M-Gait, Motek
Summer 2021 Computational Neuroscience, Neuromatch Academy

TECHNICAL SKILLS

Programming: R, Python
Software & Tools: Qualtrics, Psychopy, FSL, Linux, Command Line, git, L^AT_EX
Hardware: **Eye Tracking:** CRS ltd. LiveTrack, SR Research EyeLink 1000 Plus
Gait Tracking: Motek M-Gait
Languages: English, Korean

PUBLICATION

Park. S., Watanabe. B., Burte. H., (in-preparation). Title: TBD. *Paper submitted to the CogSci 2023 Annual Conference.*
Park. S., Watanabe. B., Burte. H., (2022). Perspective taking and reference frames for spatial and social cognition. *Paper submitted to the CogSci 2022 Annual Conference.*

PRESENTATION

Park. S., Watanabe. B., Burte. H., (2022). Is Mentalizing Related to Spatial Perspective-Taking? *Poster presented at the Psychonomic Society 2022 Annual Meeting.*
Park. S., Watanabe. B., Burte. H., (2022). Perspective taking and reference frames for spatial and social cognition. *Poster presented to the CogSci 2022 Annual Conference.*
Nutalapati. N., Raina. Y., Watanabe. B., **Park. S.**, & Burte. H., (2022). How well do you know your campus? A pilot study examining the relationship between anxiety and spatial ability. *Poster presented at the Texas A&M University Student Research Week 2022.*
Park. S., Watanabe. B., Burte. H., (2021). Individual Differences in Perspective Taking for Spatial And Social Cognition. *Poster presented at the Psychonomic Society 2021 Annual Meeting.*
Park. S., Watanabe. B., Burte. H., (2021). Reference Frames for Spatial and Social Thinking: Individual Differences in Strategy Use. *Poster presented at the SPATIAL COGNITION 2020/1 Conference.*
Park. S., Watanabe. B., Burte. H., (2021). Being good at taking people's spatial perspective might not necessarily mean you are good at "taking their perspective". *Poster presented at the Texas A&M University Psychological and Brain Sciences: 2nd Year (Ph. D) Poster Session 2021.*
Deshpande. T., **Park. S.**, Burte. H., (2021). Pointing North Online: Using photographs of known environments to evaluate north pointing accuracy. *Poster presented at the CogSci 2021 Annual Conference.*
Park. S., Anderson. B., (2020). Mental Model Updating and Pupil Response. *Poster presented at the Virtual Psychonomics 2020 Annual Meeting.*

WORK AUTHORIZATION

Eligible to work in the U.S. without sponsorship for 36 months with Optional Practical Training (OPT).