

“Erik” Tianyi Wang

wangtianyi.psy@gmail.com

EDUCATION

University of Florida

Master in Applied Physiology and Kinesiology GPA: 4.0
Advisor: Dr. Rachael Seidler

Gainesville, FL

Aug. 2020 – Present

Concentration: Biobehavioral Science (with thesis)

Shanghai University of Sport

Bachelor of Science in Psychology GPA: 3.5

Shanghai, China

Sep. 2016 – June 2020

RESEARCH EXPERIENCE

Graduate Research Assistant

University of Florida

Aug 2020 – Present

Gainesville, FL

- Study type: Astronauts neuroimage study
- Specific aim: To investigate whether estimated brain age reflects the impact of space flight as an environmental insult
- Responsibility: (1)Pre-processed structural MRI data (2)Inferred the estimated brain age using an open source deep learning model (3)Performed statistical analyses (4)First-authored the manuscript (in preparation; will submit soon)
- Specialized training: Attended weekly lab meeting and MRI training meeting. In the meetings, I was able to be exposed to discussion of diverse MRI methods

Undergraduate Research Assistant

Shanghai University of Sport

May. 2020 – June. 2020

Shanghai, China

- Study type: Human behavioral study
- Specific aim: To examine the retention of follow-through effect in motor learning
- Responsibility: (1)Conceptualized the study (2)Administrated data acquisition (3)Analyzed subjects' adaptation from kinematic data (4)Wrote and defended the thesis

Undergraduate Research Assistant

Shanghai University of Sport

March 2019 – May 2020

Shanghai, China

- Study type: Human behavioral study
- Specific aim: To investigate the interaction effect between emotion and task types on motor performance
- Responsibility: (1)Administrated data acquisition (2)Pre-processed and analyze kinematic data (3)Wrote manuscript draft

PUBLICATIONS

- **Wang, T.**,Fettrow, T., Hupfeld, K. & Seidler, R. (2021). Astronaut's brain age increases due to space flight *In progress*
- Lu, Y., **Wang, T.**,Long, Q., & Cheng, Z. (2021). Impact of Distracting Emotional Stimuli on the Characteristics of Movement Performance: A Kinematic Study. *Frontiers in Psychology*, 12(March), 1–8.
<https://doi.org/10.3389/fpsyg.2021.642643>

TECHNICAL SKILLS

Programming Languages: Matlab (intermediate), R (basic), Python (basic)

Softwares/Packages: SPSS, JMP, git, SPM12 (task-based fMRI), FSL (BET and FLIRT)

OUTREACH

Volunteer

Red Cross Shanghai University of Sport Branch

Jan 2017 – June 2018

Shanghai, China

- Developed and organized educational anti-HIV lectures
- Provided first aids services in all campus sports games
- Taught undergraduate students first aid skills