Azar Tuerxuntuoheti

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EDUCATION

Rutgers University – New Brunswick   **New Brunswick, NJ**

- *PhD candidate in Social Psychology*   *September 2022 – Present*

    Advisor: Prof. Gandalf Nicolas

                                                                                                                                                              Atlanta, GA
                                                                                                                                                              May 2019

Emory University, Emory College of Arts and Sciences
- *Bachelor of Arts in*
- Major: Psychology with concentration in Neurobiology & Behavior; Minor: Quantitative Sciences (QSS)

WORK EXPERIENCES

University of Delaware (PI: Peter Mende-Siedlecki)   **Newark, DE**

Lab Manager/Research Associate   *July 2020 – August 2022*

- Overseeing research operations associated with two large grants focused on the causes and consequences of racial bias in pain perception.
- Heavily involved in the study design, stimuli creation, data-collection, analysis, and writing of studies examining group-based influences on social perception, especially facial perception and racial biases, and neurocognitive processes involved in social categorization.
- Currently helping to lead an fMRI study investigating whether perceptual bias in pain perception share a common neural correlate with the out-group homogeneity effect
- Co-lead the creation of an data analysis pipeline for the lab's behavioral data using R.
- Extensively contributed to creating, maintaining, and conducting experiments on PsychoPy as well as running online studies with PsychoPy and Prolific.
- Third author in several forthcoming manuscripts, co-lead journal submission and poster presentations at APA, SPSP and SANS.
- As a lab manager, administratively oversaw projects in the lab for smooth experiment conductions, data maintenance, participant interactions, as well as lab personnel training and maintenance.

New York University (PI: Moira Dillon)   **New York City, NY**

Lab Manager/Research Programmer   *June 2019 – July 2020*

- Engaged in study design, stimuli creation, data collection, and analysis of studies on spatial cognition of object/landmark navigation; numerical/shape recognition and geometric reasoning; and social perception of goals and pursuit efficiency in infants and children.
- Developed an online study on MIT's Lookit platform, programmed experiment scripts (JSON, HTML) and coded data (Psychopy, Datavyu).
- Administratively oversaw projects in the lab for smooth experiment conductions, data maintenance, and participant interactions.
- Handled all lab personnel on/off-boarding. Recruited, trained, and supervised 9 – 12 research assistants per semester.
- Oversaw the lab's data collection, recruitment, and outreach at the National Museum of Math where the lab collected data on weekends.
- Designed and scripted lab protocol for data maintenance, hard/software maintenance, and personnel management.
- Maintained the lab's recruitment and literature data bases (Mendeley, Endnote).

RESEARCH EXPERIENCES

Emory Infant and Child Lab (PI: Philippe Rochat)   **Atlanta, GA**

Research Assistant   *2017-2019 (*2 Years, 13 credit hrs)

- Engaged in research on inter-group cognition. Specifically, implicit racial biases, spatial perception of in/out-groups, and emotional correlates of racial and gender biases. How do children come to learn implicit racial biases in terms of spatial cognition and emotion? How is the social environment like family and school involved?
- Ran experiments: eye-tracking (Tobii, MATLAB, Qualtrics), Behavioral and cognitive data collection with children and adults.
- Conducted data analytics in R and SPSS (multiple regressions, model fits)
- Engaged in study design, stimuli development (areas of interest for eye-tracking), and lab meeting discussions of study rationales.
- Recruitment, community outreach, and participant scheduling at the Emory Child Center and events.
- Created bibliography and assisted in manuscript writing for the graduate students' Ph.D. dissertation.

Depression Biometrics Lab (PI: Allison C. Waters)   **Atlanta, GA**

Research Assistant   *December 2017- May 2018*

- Conducted Electroencephalography (EEG) experiments on human subjects.
- Assisted in conducting EEG experiments on treatment-resistant depression patients who have deep brain stimulation implants.
- Captured Brain Photogrammetry images and learned to generate 3D model neuroimaging.
- Observed deep brain stimulation implant experiments.

Publications

In review at JESP

Mende-Siedlecki, P., Goharzad, A., **Tuerxuntuoheti, A**., Reyes, P.G.M., Lin, J., Drain, A. "Assessing the speed, spontaneity, and robustness of racial bias in pain perception." Minor revisions submitted at *Journal of Experimental Social Psychology*. [Pre-Print] [OSF]

Manuscripts in preparation

Goharzad, A., Reyes, P.G.M., Qu-Lee, J., Drain, A., Lin, J., **Tuerxuntuoheti, A**., Mende-Siedlecki, P. (in prep). "The neural bases of racial bias in pain perception." **[OSF]**

Drain, A., Goharzad, A., **Tuerxuntuoheti, A**., Reyes, P.G.M., Lin, J., Hughes, B., Mende-Siedlecki, P. (in prep). "Is racial bias in pain perception related to the out-group homogeneity effect?" **[OSF]**

Presentations

APA 2021

*Tuerxuntuoheti, A., *Reyes, P.G.M., Drain, A., Goharzad, A., Lin, J., Hughes, B., Mende-Siedlecki, P. "Linking Racial Bias in Pain Perception to the Out-Group Homogeneity Effect." Presented virtually at the annual meeting of the American Psychological Association, Aug. 12-14, 2021.

SPSP 2022

*Tuerxuntuoheti, A., *Reyes, P.G.M., Drain, A., Goharzad, A., Lin, J., Hughes, B., Mende-Siedlecki, P. "Linking Racial Bias in Pain Perception to the Out-Group Homogeneity Effect." To be presented virtually at the annual meeting of the Society for Personality and Social Psychology, Feb. 16-19, 2022.

*Denotes equal contributions