

Yi Zhang

yz3549@columbia.edu | cell: 917-803-4197
50 West 77th Street, New York, NY, 10024

Education

2014 – 2018 **New York University**, New York, NY
B.A., Psychology (with Honors), Philosophy (double major)
GPA: **3.85/4.00** (*magna cum laude*)

2011 – 2014 **High School Affiliated to Renmin University of China**, Beijing, China

Research Interests

- Moral Cognition, Emotion, Social Identity, Empathy, Person Perception, Empirical Aesthetics
Social Neuroscience, Empirical Philosophy

Research Experience

July 2018 – **Social Cognitive & Affective Neuroscience Lab, Columbia University**
(PI: Kevin Ochsner, Ph.D.)

Lab Manager and Research Assistant.

- Assisted in the planning and execution of eight research projects and managed their IRB protocols.
- Created and modified experiment scripts in PsychoPy and E-Prime.
- Collected, preprocessed (fmriprep) and analyzed (FSL) behavioral and fMRI data.
- Trained research assistants on recruitment procedures, MRI operation, data collection and analysis.
- Coordinated and participated in weekly lab meetings on lab projects, articles, and analysis techniques.

Sep. 2017 – **Social Cognitive and Neural Sciences Lab, New York University**
May 2018 (PI: Jonathan Freeman, Ph.D.)

Honors Student and Research Assistant. Thesis title: “Perception of in-group and out-group prejudice between racial and political contexts: The role of social identity”
Advisors: Anne Hill, Jonathan Freeman, Ph.D.

- Designed and conducted computer-based behavioral study.
- Analyzed questionnaire and mouse-tracking data using R.

Mar. 2017 – **Social Perception and Evaluation Lab, New York University**
June 2018 (PI: Jay Van Bavel, Ph.D.)

Research Assistant.

- Worked on a study (OSF link: <https://osf.io/u6bd2/>) investigating the neural substrates of intergroup punishment in political contexts. Conducted literature search, created stimuli via PsychoPy, and analyzed data using SPSS; completed training on fMRI operational procedures.
- Examined how social context affects the perceptual threshold for moral words. Recruited and scheduled subjects through the SONA system; ran study using DirectRT.

June 2017 – **Couples Lab, New York University**
Jan. 2018 (PI: Patrick Shrout, Ph.D.)

Research Assistant.

- Conducted a cross-cultural study on social support between couples. Responsibilities included: developing and validating the Chinese versions of multiple scales, creating experiment stimuli and questionnaire (using Qualtrics), data entry, coding and analysis (SPSS), and literature search.

Feb. 2017 – **Social Neuroscience Lab, New York University**
 May 2017 (PI: David Amodio, Ph.D.)

Research Assistant.

- Worked on a project studying the mechanisms underlying economic scarcity and racial prejudice against African Americans. Responsible for participant recruitment and scheduling, experiment facilitation and data entry.

Honors and Awards

- 2017 – 18 Psi Chi, New York University Chapter
- 2017 – 18 Dean’s Undergraduate Research Fund (DURF), New York University
- 2014 – 18 Dean’s List for Academic Year, New York University

Conference Presentations

Zhang, Y., Stanoi, O., Ochsner, K., & Falk, E. (2020). Enhanced craving for alcohol in social context predicts centrality in undergraduate social network. Poster to be presented at the *Society for Personality and Social Psychology 2020 Conference*, New Orleans, LA.

Krueger, S. M., Colombo, S., Rodrik, O., Zhang, T., **Zhang, Y.**, Weber, J., Eich, T., Stern, Y., & Ochsner, K. (2019). Age-related differences in goal-directed emotion regulation. Poster presented at *Social Affective Neuroscience Society 2019 Conference*, Miami, FL.

Shu, J., Cohen, N., Maddaluno, O., Weber, J., **Zhang, Y.**, Zhang, T., McRae, K., & Ochsner, K. (2019). The neural mechanisms of social emotion regulation. Poster presented at *Society for Affective Science 2019 Conference*, Boston, MA.

Zhang, Y., Hill, A., & Freeman, J. (2018). Social identity shapes perception of in-group and out-group bias between racial and political contexts. Talk presented at *NYU Undergraduate Research Conference*, New York, NY.

Additional Experiences

June 2017 – **Adult ADHD Program**, New York University School of Medicine.

Dec. 2017 (PI: Lenard A. Adler, M.D.)

Intern.

- Involved in research on adult Attention-Deficit/Hyperactivity Disorder (ADHD).
- Performed prescreens for prospective patients and research participants.
- Shadowed patient screening and interview by Lenard Adler, M.D.; observed and learned the procedures of clinical assessments.
- Assisted with data collection and management.

Professional Memberships

2018 – Present *Member*, Society for Personality and Social Psychology

Specialized Skills

Research Methodologies

- Behavioral: collection, organization, and analysis of social network, Psychopy, E-Prime and ecological momentary assessment (EMA) data
- fMRI: collection, processing, and analysis of functional data

Programming

- Python, R, Matlab, HTML/CSS

Software

- FSL, Psychopy, E-Prime, PsychToolbox, MouseTracker, DirectRT, REDCap, Qualtrics, Microsoft Office, Adobe Photoshop & Lightroom

References

Kevin Ochsner, Ph.D.

Professor of Psychology, Columbia University
ko2132@columbia.edu

Jay Van Bavel, Ph.D.

Associate Professor of Psychology and Neural Science, New York University
jay.vanbavel@nyu.edu

Jon Freeman, Ph.D.

Associate Professor of Psychology and Neural Science, New York University
jon.freeman@nyu.edu

Kwame Anthony Appiah

Professor of Philosophy and Law, New York University
Anthony.Appiah@nyu.edu