

YIFAN GAO

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EDUCATION

- 09/2023 – present Ph.D. student in Behavioral and Neural Sciences
Center for Molecular and Behavioral Neuroscience, Rutgers University-Newark
Advisor: Travis Baker, PhD
- 09/2019 – 12/2020 M.A., Psychology in Education (Clinical Psychology)
Teachers College, Columbia University
- 08/2015 – 05/2019 B.S., Psychology & Molecular and Cellular Biology
University of Illinois at Urbana-Champaign

ACADEMIC APPOINTMENT

- 09/2023 – present Graduate Assistant, Rutgers University-Newark
- 12/2019 – 07/2023 Research Associate/EEG Technician, New York State Psychiatric Institute
- 01/2022 – 07/2023 TMS Technician, Soterix Medical Inc.
- 01/2020 – 12/2020 Research Assistant, Teachers College, Columbia University
- 01/2018 – 01/2019 Research Assistant, Beckman Institute, University of Illinois at Urbana-Champaign

HONORS AND AWARDS

- Graduate School Application Scholarship, *American Academy of Clinical Neuropsychology, 2022*
- Honorable Mention of Master's Thesis, *Teachers College, Columbia University, 2021*
- Dean's List, *University of Illinois at Urbana-Champaign, 2019*
- Inducted into Psi Chi, *University of Illinois at Urbana-Champaign, 2017*

PUBLICATIONS AND PRESENTATIONS

Manuscripts

1. Kayser, J., **Gao, Y.**, Panier, L.Y.X., Posner, J.E., Weissman, M.M., Bruder, G.E. (in preparation). Six-year temporal stability of neuronal generator patterns at scalp elicited by lateralized aversive pictures.
2. **Gao, Y.**, Panier, L.Y.X., Gameroff, M.J., Auerbach, R.P., Posner, J., Weissman, M.M., Kayser, J. (2023). Feedback negativity and feedback-related P3 in individuals at risk for depression: Comparing surface potentials and current source densities. *Psychophysiology*, 00, e14444. doi:10.1111/psyp.14444

Posters and Presentations (presenter indicated with *)

1. Kayser, J. *, **Gao, Y.**, Wilson, T., Rinaldi-Rose, R., Aceto, C., Hollon, S.D., Bruder, G.E., Kishon, R. (symposium submitted). Targeting mechanisms of emotion regulation during cognitive behavioral therapy in depression: preliminary ERP findings during lateralized presentations of aversive pictures. [Abstract submitted for symposium at the 63rd Annual Meeting of the *Society of Psychophysiological Research (SPR)*, September 27 – October 1, New Orleans, LA.]

2. Kayser, J. *, **Gao, Y.**, Wilson, T., Rinaldi-Rose, R., Aceto, C., Hollon, S.D., Bruder, G.E., Kishon, R. (to be presented). Targeting mechanisms of emotion regulation during cognitive behavioral therapy in depression: preliminary ERP findings during lateralized presentations of aversive pictures. [Abstract submitted for presentation at the 21st World Congress of *Psychophysiology*, Geneva, Switzerland.]
3. Truong, D.Q. *, **Gao, Y.**, Thomas, C., Valter, Y., Martinez, A., Huang, Y., Berman, J., Datta, A., Javitt, D.C. (2023). Parcel-guided TMS: virtual and online neuronavigation. [Presented at the 5th International Brain Stimulation Conference of the *Clinical TMS Society*, February 19 – 22, Lisbon, Portugal.]
4. **Gao, Y.** *, Panier, L.Y.X., Gameraff, M.J., Auerbach, R.P., Posner, J., Weissman, M.M., Kayser, J. (2022). Feedback negativity and feedback-related P3 during the monetary incentive delay task in individuals at high and low family risk for depression. *Psychophysiology*, 59(S1), S126-S127. [Presented at the 62nd Hybrid Annual Meeting of the *Society of Psychophysiological Research (SPR)*, September 28 – October 2, Vancouver, Canada.]
5. **Gao, Y.** *, Tay, C. (2021). A longitudinal study on the relationship between perceived threat due to COVID-19, psychological distress and subclinical psychotic experiences. [Presented at the 33rd Virtual Convention of the *Association for Psychological Science (APS)*, May 26 – 27, online.]

PROFESSIONAL AFFILIATIONS

- Ad-hoc Reviewer, International Journal of Psychophysiology 2022 – Present
- Reviewer, Graduate Student Journal of Psychology 2022 – Present
- Member, Society for Psychophysiological Research 2020 – Present
- Member, Association for Psychological Science 2021 – 2022
- Member, Society for Psychotherapy Research 2019 – 2020

TEACHING EXPERIENCE

- Graduate Mentor, New York State Psychiatric Institute 01/2021 – present
- Teaching Assistant, New Oriental Education & Technology Group 06 – 08/2019
- Tutor, Fan Chen An Xing Special Education School 06 – 07/2019

SKILLS

Programming

- SPSS, R, MATLAB, Python programming, and DOS batch file scripting
- Neurobs Presentation, STIM2, ActiView, and Neuroscan software

Technical and experimental

- Neural Navigator, MRI-guided standard TMS and parcel-guided repeated TMS
- ActiveTwo and Brain Vision EEG/ERP systems