

YUEYAN TANG

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EDUCATION

University of California, San Diego, PhD student in Cognitive Science	2021 - Present
University of California, San Diego, BS in Cognitive Science and Probability & Statistics	2017 - 2021

RESEARCH EXPERIENCE

Graduate Research Assistant	9/2021 - Present
Cognitive Development Lab, Supervisor: Prof. Gedeon Deak	San Diego, CA

- Lead a coding team to design coding schemes related to infant joint attention behavior.
- Collaborate with faculty and graduate students across departments.

Undergraduate Research Assistant	6/2020 - 6/2021
Cognitive Development Lab, Supervisor: Prof. Gedeon Deak	San Diego, CA

- Conduct research on the influence of maternal sensitivity on infants' responsiveness to social cues.
- Analyze longitudinal data on Python.
- Work closely with faculty and graduate students.

Undergraduate Independent Researcher

01/2020 - 03/2020

UC San Diego Mathematics Department, Supervisor: Prof. Wenxin Zhou	San Diego, CA
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- Analyze least squares problem in order to further evaluate data robust regression and quantile regression under sparsity constraint.
- Investigate greedy algorithms such as gradient and iterative hard thresholding.
- Develop transferable research-related skills including communication, extracting and organizing essential datasets, critical thinking, and time management skills through intensive research experience.

PUBLICATION

- Tang, Y., Triesch, J., & Deák, G. O. (2023). *Variability in Infant Social Responsiveness: Age and Situational Differences in Attention-Following*. *Developmental cognitive neuroscience*, 63, 101283.
<https://doi.org/10.1016/j.dcn.2023.101283>

SUBMITTED MANUSCRIPT

- Tang, Y., Robledo, M., & Deák, G.O. (2022). *The Gradual Acquisition Of Gaze- And Point-Following From 4 To 12 Months Of Age*. Manuscript submitted for publication.

CONFERENCE PRESENTATION

- "Relation of Maternal Sensitivity to Infants' Responsiveness to Joint Attention Cues," Lancaster Conference on Infant & Early Child Development, Lancaster University, Aug 2021
- "Parental Adherence to Test Protocols: Exploratory Study on a Remote, Web-Based Mandarin-English Receptive Language Assessment," American Speech-Language-Hearing Association Convention, Nov 2021
- "Infant Attention-Following in Laboratory and Home Settings," The International Congress of Infant Studies, Ottawa, Canada, July 2022

TEACHING EXPERIENCE

Teaching Assistant – Tutor, Grader and Matlab Tutor	04/2019 - Present
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UC San Diego Mathematics Department	San Diego, CA
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UC San Diego Cognitive Science Department	San Diego, CA
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- MATH 11 - Calculus-based introductory probability and statistics
- MATH 20B - Calculus for Science and Engineering

- MATH 189 - Exploratory data analysis and inference
- COGS 108 - Data science in practice
- COGS 10 - Cognitive consequences of technology

AWARDS

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| • UC San Diego Physical Sciences Dean's Undergraduate Award for Excellence | 2020 - 2021 |
| • Triton Research & Experiential Learning Scholars Quarterly Awards | Winter 2021,
Fall 2021 |
| • Friends of the International Center Fellowship | 2023 - 2024 |

SKILLS

- Languages: Advanced writing, speaking, and reading skills in Mandarin and English.
- Technical: Python, MATLAB, R, Java, Microsoft Office