

Samah Abdelrahim

37TH ANGELL CT, STANFORD, CA (917)-701-7260 SAMAHABD@STANFORD.EDU

EXPERIENCE

- **PhD student, Stanford Language and Cognition Lab** - 9/2022-ongoing
- **Coordinator of Developmental Psychology Brownbag series- Stanford University**, 9/2023-5/2025
- **Research assistant, Language and Cognition Lab, Columbia University (TC)**, 5/2021-5/2022
- **Research assistant, Development and Literacy lab, Columbia University (TC)**, 9/2021-5/2022
- **Vice President, Arab Innovation Network – University of Khartoum (UOFK)** — 11/2016-11/2017
Organized Events to present the network and its benefits to the students + Seminars by experts in many innovative fields, + Student project competitions to support the winning projects to attend conferences and present their work.
- **Co-founder and organizer, Reading Day - University of Khartoum (UOFK)** — 11/2015-11/2017
I coordinated a team of 20 students from different departments to organize a public event promoting reading. Duties included fundraising, media, authorization docs/approvals, venue preparation, and inviting guests.
- **Member and Co-founder, Sudan Neuroscience Projects Unit, University of Khartoum (UOFK)** — 2019-2020
A research group composed of multidisciplinary scholars concerned with human brain functionality and its features, highlighting the genetics and environmental emphasis of Sudanese and African humans.

EDUCATION

- **Stanford University — Ph.D., September 2027**
Ph.D. in developmental psychology (PI: Michael C. Frank).
- **Columbia University — Master of Arts, May 2022**
Master of arts in cognitive science in education (Advisor: Peter Gordon).
- **Arizona State University — Master of Computer Science, August 2021**
Data science specialization.
- **University of Khartoum — Bachelor of Science, November 2017**
B.Sc. (Honors) first-class degree in electrical and Electronics Engineering (specialization Control and Instrumentation).

TEACHING AND MENTORING

- Graduate mentor, Winter 2024 (Sadio Mohamed Abdi, Hoang D Nguyen, Claire Lee, Nivedita Kripalani)
- Graduate mentor, Fall 2024 (Sadio Mohamed Abdi, Hoang D Nguyen)
- Graduate mentor, Bing Honors College, Stanford University, Summer 2024
- Graduate mentor, Psych Summer Internship, Stanford University, Summer 2024
- Teaching assistant, Introduction to Statistical Methods, Stanford University, Fall 2024
- Head teaching assistant, Introduction to Social Psychology, Stanford University, Spring 2023
- Teaching assistant, Introduction to Developmental Psychology, Stanford University, Autumn 2023
- Teaching assistant, Introduction to Statistical Methods, Stanford University, Fall 2023
- Guest lecturer, Psych 35/ Symsys 200, Minds and Machines, Stanford University, Summer 2024
- Teaching assistant, introduction to statistical methods, Stanford University, Fall 2023
- Course Assistant, language development course, Columbia University (TC), Fall 2021

- Teaching assistant, Programming logic controller lab, University of Khartoum (UOFK), Spring 2018
- Teaching assistant, Digital control systems, University of Khartoum (UOFK), Fall 2017

AWARDS, HONORS, AND FELLOWSHIPS

- Diverse Intelligences Summer Institute fellowship, University of St Andrews, 2022
- Recipient of the Fulbright Foreign Student Scholarship 2020
- Recipient of Al-Ghurair foundation for education AGFE scholarship 2019
- Best paper award at the ICCCEEE18 IEEE Conference 2018
- Top 20 Outstanding Students Nationwide in Sudan 2012

CONFERENCE POSTERS

- Investigating heterogeneity in shape bias: a study on procedural, stimuli, and age-related variations. Samah Abdelrahim, Sadio Abdi, Meesha Ryan, Michael Frank (The 15th Annual BCCCD Conference, January 9-11 2025 - BCCCD25)
- Abdelrahim, S. O, & Frank, M. C. (2024). Limited cross-linguistic variation in the lexical statistics of nouns in early vocabulary (BUCLD 2024)
- Abdelrahim, S. O, & Frank, M. C. (2024). Examining the robustness and generalizability of the shape bias: a meta-analysis. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. Retrieved from <https://escholarship.org/uc/item/4526m5ms>
- Bisbee, N., Tang, J. E., Yu, S. J., Lyu, Z. X., Abdelrahim, S., & Gordon, P. (July 7 – 10, 2022). *Relations between exact number and exact equality: Developmental and cross-cultural perspectives*. [Conference Poster]. International Congress on Infant Studies (ICIS) 2022 XXIII Biennial Congress, Ottawa, Canada.
- Tang-Lonardo, J., Bisbee, N., Jain, M., Kirby, E., Kim, S. B., Abdelrahim, S., Gerami, S., Sezcon-Cepeda, D., Coffel, M., & Gordon, P. (May 26 - 29, 2022). *The Neural Mechanisms of Parallel Individuation and Numerical Approximation*. [Conference Poster] Association for Psychological Science (APS) 2022 Annual Convention, Chicago, IL, USA.
- Tang, J. E. , Bisbee, N., Jain, M., Kirby, E., Kim, S. B., Gerami, S., Sezcon-Cepeda, D., Gilchrist, K., Abdelrahim, S., Coffel, M., & Gordon, P. (July 27 - 30, 2022). *The Neurobehavioral Basis of Parallel Individuation and Numerical Approximation*. [Conference Poster]. Cognitive Science Society 2022, 44 The Annual Conference, Toronto, Canada.