Samah Abdelrahim

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EXPERIENCE

PhD student, Stanford Language and Cognition Lab - 9/2022-ongoing

Coordinator of Developmental Psychology Brownbag series- Stanford University, 9/2023-5/2025

Vice President, Arab Innovation Network - 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 - UOFK — 11/2015-11/2017

I was the main coordinator of 20 students from different departments to organize a public event that promotes reading. Duties included: fundraising, media, authorization docs/approvals, venue preparation, and inviting guests.

MEMBER AND CO-FOUNDER, SUDAN NEUROSCIENCE PROJECTS UNIT, 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

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

Research assistant, Language and Cognition Lab, Columbia University (TC), May 2021
Research assistant, Development and Literacy lab, Columbia University (TC), Fall 2021
Teaching assistant, University of Khartoum (UOFK), Fall 2017-Fall 2018

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

1- 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)

2- Abdelrahim, S. O, & Frank, M. C. (2024). Limited cross-linguistic variation in the lexical statistics of nouns in early vocabulary (BUCLD 2024)

3- 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

4- 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.

5- 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.

6- 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.