

Faculty mentors: Ellen Markman and Carol Dweck

Research supervisor(s):

Cai Guo, graduate student, caiguo@stanford.edu

Project topic(s): Conceptual development, social cognition, categorization

Brief description of scientific issues:

We study how people mentally represent abstract concepts, such as personal identity, gender, and illness. We work with both child and adult participants to examine the developmental trajectory of such conceptual representations. We combine behavioral and computational methods in our research projects

Skills required:

Knowledge of basic statistics and experimental design, basic programming skills, experience of working with children.

Skills Preferred: computational modeling, Bayesian statistics, and graphic design skills.

Skills to be learned:

Theoretical knowledge of conceptual development, data collection and analysis, and experimental methods

Full or Part time

Contact person: Cai Guo, caiguo@stanford.edu