

# Marianna Zhang

*she/her*

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## EDUCATION

<b>Ph.D., Psychology</b> , Stanford University	expected Jun 2024
<ul style="list-style-type: none"> <li>Dissertation: Promoting children's structural reasoning about social categories.</li> <li>Committee: Ellen M. Markman, Steven O. Roberts, Tobias Gerstenberg</li> </ul>	
<b>B.A., Psychology</b> with Honors & Minor in Philosophy, The University of Chicago	2018
<ul style="list-style-type: none"> <li>Honors thesis: Perspective-taking in mental imagery of the actions of others. (<a href="#">pdf</a>)</li> <li>Advisers: Daniel Casasanto &amp; Susan Goldin-Meadow</li> <li>Tutorials in Metaphor and Philosophy of Cognitive Science, St. Catherine's College, Oxford</li> </ul>	
	Autumn 2017

## RESEARCH TRAINING

Selected attendee, <a href="#">Diverse Intelligences Summer Institute (DISI)</a>	Jul 2019
Organized by <i>University of California, Los Angeles (UCLA)</i> at <i>University of St Andrews</i>	
Selected attendee, <a href="#">Concepts in Action: Representation, Learning, and Application (CARLA) Summer School</a>	Aug 2018
Institute of Cognitive Science, <i>University of Osnabrück</i>	
Research Assistant, <a href="#">Experience and Cognition Lab</a> (PI: Dr. Daniel Casasanto), <i>The University of Chicago</i>	2014–2018
Research Intern, <a href="#">Laboratory for Developmental Studies</a> (PI: Dr. Susan Carey), <i>Harvard University</i>	Summer 2016
Research Intern, <a href="#">Cognition and Development Lab</a> (PI: Dr. Frank Keil), <i>Yale University</i>	Summer 2015

## AWARDS & HONORS

<a href="#">Graduate Dissertation Fellowship</a> , Clayman Institute for Gender Research, <i>Stanford University</i>	2023–2024
Diversity Travel Award, <i>Society for Philosophy &amp; Psychology (SPP)</i>	2023
<a href="#">James W. Lyons Award for Service</a> , Dean of Students Office, <i>Stanford University</i>	2023
<a href="#">Graduate Feminist Award</a> , Vice Provost for Graduate Education/Women's Community Center, <i>Stanford</i>	2022
<a href="#">Graduate Research Opportunity</a> , School of Humanities and Sciences, <i>Stanford University</i> (\$3000)	2022
<a href="#">Summer Collaborative Research Fellowship</a> , Stanford Impact Labs, <i>Stanford University</i> (\$4000)	2022
<a href="#">Graduate Poster Award</a> Runner-Up, <i>Society for Personality and Social Psychology (SPSP)</i>	2022
<a href="#">Research Data Grant</a> , Institute for Research in the Social Sciences, <i>Stanford University</i> (\$1500)	2021
<a href="#">Diversity Travel Award</a> , <i>Cognitive Development Society (CDS)</i>	2019
<a href="#">Norman H. Anderson Research Award</a> , Department of Psychology, <i>Stanford University</i> (\$2000)	2019, 2023
Regina Casper <a href="#">Stanford Graduate Fellowship in Science &amp; Engineering</a> , <i>Stanford University</i>	2018–2021
Dean's Distinguished University Fellowship, <i>Ohio State University</i> (3 years, declined)	2018
<b>Phi Beta Kappa</b> , The University of Chicago	2018
<a href="#">Graduate Research Fellowship, Honorable Mention</a> , <i>National Science Foundation</i>	2018
<a href="#">Earl R. Franklin Research Fellowship</a> , Department of Psychology, <i>The University of Chicago</i> (\$3000)	2017
<a href="#">Student Leadership Recognition and Access Award</a> , Student Government, <i>The University of Chicago</i>	2016
Dean's List, <i>The University of Chicago</i> (ineligible 2017)	2015, 2016, 2018
<a href="#">University Merit Scholarship</a> , <i>The University of Chicago</i>	2014

## PUBLICATIONS

\*co-first author

- Zhang, M. Y.\***, Sullivan, J. N.\*, Markman, E. M. & Roberts, S. O. (submitted). Children's structural thinking about social inequalities. *Child Development Perspectives*.
- Zhang, M. Y.** & Markman, E. M. (in revision). Let's talk structure: the positive consequences of structural representations. In *Proceedings of the 45th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Chestnut, E. K., **Zhang, M. Y.**, & Markman, E. M. (2021). "Just as good": Learning gender stereotypes from attempts to counteract them. *Developmental Psychology*, 57(1), 114–125. ([paper](#), [data](#))

Johnson, S. G. B., **Zhang, M.**, & Keil, F. C. (2016). Decision-making and biases in causal-explanatory reasoning. In *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1967–1972). Austin, TX: Cognitive Science Society. ([paper](#))

## RESEARCH PRESENTATIONS

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| Asaba, M., <b>Zhang, M. Y.</b> , Leonard, J. A. Children's representations of others' gender biases.<br>Poster at Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, UT.   | 2023 |
| <b>Zhang, M. Y.</b> , Popat, A. K., Santos, M., Mottl, P. R., Bian, L., Markman, E. M. Language frequently used in best-selling storybooks can thwart their intent to inspire girls.<br>Poster presented at Cognitive Development Society, Madison, WI. ( <a href="#">poster</a> ) | 2022 |
| <b>Zhang, M. Y.</b> & Markman, E. M. Let's talk structure: the positive consequences of structural representations.<br>Poster to be presented at Cognitive Science Society, virtual.   | 2023 |
| Talk to be presented at Society for Philosophy & Psychology, Pittsburgh, PA.   | 2023 |
| Invited talk presented at Developmental Colloquium, University of California-Santa Cruz.   | 2022 |
| Poster presented at the Society for Personality & Social Psychology conference, San Francisco, CA. ( <a href="#">poster</a> )<br>(received Graduate Poster Award, Runner-Up)   | 2022 |
| Talk presented at Budapest CEU Conference on Cognitive Development (BCCCD), virtual.   | 2022 |
| Talk presented at Harvard Women in Psychology Trends in Psychology conference, virtual.  | 2021 |
| Invited talk presented at Leonard Learning Lab lab meeting, Yale University. ( <a href="#">slides</a> )  | 2021 |
| Poster presented at Cognitive Science Society, virtual. ( <a href="#">abstract</a> , <a href="#">poster</a> )  | 2021 |
| Talk presented at Stanford University Department of Psychology Developmental Area Brownbag. ( <a href="#">talk</a> )   | 2021 |
| Invited talk presented at Causality in Cognition lab meeting, Stanford University.   | 2020 |
| <b>Zhang, M. Y.</b> & Markman, E. M. Essentially blocked: the role of structural factors in blocking essentialism.<br>Poster presented at Cognitive Development Society Conference, Louisville, KY. ( <a href="#">poster</a> )   | 2019 |
| Talk presented at Stanford University Department of Psychology Developmental Area Brownbag.  | 2019 |
| Gijssels, T., <b>Zhang, M. Y.</b> , Lucero, C., Berman, M. G., & Casasanto, D. Understanding language about other people's actions.<br>Poster presented at the 41st Annual Conference of the Cognitive Science Society, Montreal, QC. ( <a href="#">abstract</a> )                 | 2019 |
| <b>Zhang, M. Y.</b> , Gijssels, T., & Casasanto, D. Perspective-taking in mental imagery of the actions of others.<br>Poster presented at the University of Chicago Psychology Honors Day Symposium, Chicago, IL. ( <a href="#">poster</a> )                                       | 2018 |
| <b>Zhang, M.</b> , Haward, P., & Carey, S. Sources of information in the acquisition of principled properties.<br>Poster presented at the Harvard University Laboratory for Developmental Studies Summer Internship Poster Day, Cambridge, MA. ( <a href="#">poster</a> )          | 2016 |

## TEACHING

\*online

### Stanford University

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|---|----------------------------------|
| <b>Graduate Teaching Consultant</b> , Center for Teaching & Learning  | 2020–present                     |
| <b>Graduate Teaching Consultant Coordinator</b> , Center for Teaching & Learning  | 2021–present                     |
| <ul style="list-style-type: none"> <li>• Provide individualized teaching feedback to graduate students across the university.</li> <li>• Train and manage a team of more than a dozen graduate teaching consultants.</li> <li>• Evaluate graduate student needs using focus groups and surveys, contributed to a funding proposal for a graduate teaching certificate program, launched a university-wide teaching helpline for teaching-related questions.</li> <li>• Design &amp; lead workshops, on e.g. student engagement, group work, leading discussions, inclusive pedagogy:</li> </ul> |                                  |
| <b>Zhang, M. Y.</b> & various co-facilitators. Leading discussions in the humanities & social sciences.<br>Invited workshop for TA Orientation, Stanford University.  | Mar 2021*, Sept 2021*, Sept 2022 |
| Asynchronous course module for TA Orientation Anytime, Stanford University.   | 2023                             |
| <b>Zhang, M. Y.</b> Engaging students in the classroom.<br>Invited workshop for Psychology TA Orientation, Psychology, Stanford University.   | Sept 2022                        |
| <b>Zhang, M. Y.</b> & Guzman, K. Making groups work in class.<br>Invited workshop for Teach the Teachers, School of Earth, Stanford University (cancelled).   | Apr 2022                         |

**Zhang, M. Y.** & Williams, L. Student engagement online.

Invited workshop for TA Seminar, Civil and Environmental Engineering, Stanford University.

Oct 2020\*

### Teaching Assistant

Advanced Research (Psych 198)

Autumn 2022

Introduction to Developmental Psychology (Psych 60)

Spring 2021\*, Summer 2021\*

- Led a lecture on language and thought.
- Graded project-based assessments, and helped craft lecture and assignment design.

[Introduction to Psychology](#) (Psych 1)

Autumn 2019, Winter 2020, Spring 2020\*

- Led 2 sections of 12-18 students each quarter.
- Developed new lesson plans & an online teaching guide for sections during COVID-19.
- Provided learning-oriented feedback on written assignments and exams, as well as teaching feedback to fellow TAs.

### MENTORING & OUTREACH

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#### *Stanford University*

**Research Mentor** (11 to date)

- Organize & lead weekly meetings on skills and professional development for research assistants.

Sachin Allums (Undergraduate, Stanford University)

2022–present

Linda Liu (Undergraduate, Stanford University)

2022–present

[Psych-Summer Research Program](#) 2022

Kamilah Cole (Undergraduate, UC Berkeley)

2022

[CSLI Summer Internship](#) 2022: To See or Not to See? Colorblind vs. Color-Conscious Methods of Discussing Race with Children

Amy Miyahara (Undergraduate, Stanford University)

2021–2023

[Psych-Summer Research Program](#) 2021

Psychology Honors Thesis (received [Stanford Undergraduate Research Major Grant](#))

Natalie Sarmiento (Undergraduate, Stanford University; now lab manager in Psychology, UW-Madison)

2021–2022

Alex Riklin (Undergraduate, Stanford University)

2021–2022

Mercedes Muñoz (Undergraduate, Boston University; now PhD student in Psychology, Duke)

2020–2021

[CSLI Summer Internship](#) 2020 (co-mentor with Nicky Sullivan): How does language affect children's developing representations of race?

Melissa Santos (Undergraduate, Stanford University; now lab manager in Psychology, Yale)

2019–2021

Psychology Honors Thesis: “Just as good as boys”, “not like other girls”, “better than anyone ever”: How Storybook Language Influences Girls’ Career-Related Activity Choices (received [Stanford Undergraduate Research Major Grant](#))

Aarthi Popat (Undergraduate, Stanford University; now lab manager in Psychology, UCSD)

2019–2021

[Psych-Summer Research Program](#) 2019

Psychology Honors Thesis: “Just as Good”: The Extrapolation of Individual Directional Statements to Group Stereotypes (received [Stanford Undergraduate Research Major Grant](#))

Alanna Sun (Undergraduate, Stanford University)

2019–2020

Kristine Cho (Undergraduate, Pomona College; now PhD student in Marketing, UC Berkeley)

2019–2020

[CSLI Summer Internship](#) 2019: Recategorization and Behavioral Change

**Mentor for Pre-Graduate School Applicants, [Project SHORT](#)**

2021–present

**Personal Statement Editor, [Application Statement Feedback Program](#) (ASFP)**

2021–present

**Mentor, [Women in STEM Mentoring Program](#), Women’s Community Center**

2018–2020

**Penpal, [Stanford Science Penpals](#)**

2018–2020

- Exchanged letters with low-income middle schoolers about life as a scientist.

#### *The University of Chicago*

**Events Manager, [The Think Tank](#)**

2015–2017

- Taught about neuroscience and neuroplasticity & organized outreach events at the university, at neighborhood schools serving URM students, and at science festivals to promote diversity in STEM. ([media coverage](#))

## ACADEMIC SERVICE & LEADERSHIP

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### **Ad hoc reviewer,**

*Psychological Science* (co-reviewer)

Budapest CEU Conference on Cognitive Development (BCCCD), Cognitive Science Society (CogSci) conference

*Stanford University*

Cognitive/Developmental Faculty Search Committee, Department of Psychology

2021–2022

### **Admissions Reviewer &**

2019, 2020, 2022

### **Internship Coordinator**

2020, 2022

[Center for the Study of Language and Information \(CSLI\) Summer Internship](#)

- Helped design mentorship contracts, mentor training, orientation, and program activities for mentors and interns.

### **Diversity Committee,** Department of Psychology

2019–2020

- Conducted the first systematic documentation of admission practices across the department, as part of an initiative assessing diversity in graduate admissions in the department.
- Twice co-organized an annual public event, [Paths to PhD](#), to communicate information about psychology graduate school and the application process to those from underrepresented backgrounds.
- Helped design a department climate survey and a transparency document to hold the committee's work accountable to stakeholders.
- Created and maintains professional development resources, e.g. alumni & funding databases, for graduate students.

Graduate Admissions Reviewer & Prospectives' Weekend Organizer for developmental area

2019–2020, 2022

Department of Psychology

Co-organizer, developmental brownbag seminar & journal club

2019–2020

Department of Psychology

[Volunteer](#), Stanford Food Pantry

2019–present

Second Harvest of Silicon Valley x Stanford Residential & Dining Enterprises (RD&E)

*The University of Chicago*

Chair, Student Advisory Board, Cognitive Science Program

2017–2018

- Organized a group of undergraduates from psychology, philosophy, and linguistics to work with a faculty member on designing a cognitive science undergraduate major, which launched during the 2022-23 school year.

Faculty Liaison & Peer Mentor, [Psi Chi \(UC Psych\)](#)

2016–2018

- Organized and advertised quarterly public psychology talks by faculty speakers.
- Mentored undergraduates about the psychology major and department, research, and professional development.

*Hunter College High School, The University of Chicago, Stanford University, [Partnership for Academic Competition Excellence](#)*

Quizbowl leadership

2008–present

- Leading diversity & inclusion initiatives at university, institutional, & national levels in quizbowl, an academic competition community. Instituted a code of conduct for a national tournament. Wrote profiles of quizbowlers from underrepresented backgrounds. Reviewed applications for a college scholarship for low-income quizbowlers. Currently creating a directory of quizbowlers from underrepresented backgrounds to spotlight their visibility, particularly for editing and leadership positions.
- Managed 5-figure budgets, financial policies (e.g. instituting club financial aid programs), and recruitment (emphasizing outreach to gender and racial minorities and first-gen/low-income students) for various clubs.
- Drafted press releases & managed social media and public communications as director of communications for a 501(3)(c) non-profit.