

Vivienne Bihe Chi

vivienne_chi@brown.edu
vivichi7.github.io

Education

- 2019–present **Brown University**
Ph.D. in Cognitive Science
Advisor: Bertram F. Malle
- 2015–2019 **University of Michigan**
B.S., Computer Science, Cognitive Science
minors in Linguistics, German studies

Employment

- 2018–2019 Undergraduate Researcher, Soar Group at University of Michigan
Supervisor: Dr. John E. Laird
- 2017 Product Management Intern, Wundertax GmbH (Berlin, Germany)
- 2016–2017 Research Assistant, University of Michigan Ross School of Business
Supervisor: Dr. James Ostler

Publications

- 2022 **Chi, V. B.**, Malle, B. F (2022). Instruct or Evaluate: How People Choose to Teach Norms to Social Robots. *Companion of the 2021 ACM/IEEE International Conference on Human–Robot Interaction*
- Hsiung, E., Rosen, E., **Chi, V. B.**, Malle, B. F (2022). Learning Reward Functions from a Combination of Demonstration and Evaluative Feedback. *Companion of the 2021 ACM/IEEE International Conference on Human–Robot Interaction*
- 2021 Malle, B. F, Austerweil, J. L, **Chi, V. B.**, Kenett, Y., Beck, E. D, Thapa, S., & Allaham, M. (2021). Cognitive Properties of Norm Representations. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43. Retrieved from <https://escholarship.org/uc/item/ocr0x2b3>
- 2020 B. F. Malle, E. Rosen, **V. B. Chi**, M. Berg and P. Haas, "A General Methodology for Teaching Norms to Social Robots," *2020 29th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*, 2020, pp. 1395–1402, doi: 10.1109/RO-MAN47096.2020.9223610.

Unpublished work

- 2021 **Chi, V. B.**, Malle, B. F (in prep). Towards a Model of Social Norm Activation

Conference Presentations (* indicates presentation by co-author)

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- 2021 *Malle, Bertram F, Chi, Vivienne B, Rosen, Eric, Hsiung, Eric, Scheutz, Matthias.
 “Robots with Norms: Teaching, Learning, and Evaluation” Talk at *Building and Evaluating Ethical Robotic Systems workshop at IROS 2021*
- Chi, Vivienne B, Malle, Bertram F. “Dos and Don'ts in Social Contexts: Diverging Cognitive Activation of Prescription and Prohibition Norms” Talk at *Association for Psychological Science Virtual Convention 2021*

Teaching Experience

- 2021 **Graduate Student Instructor:** CLPS 0220 Making Decisions
 Instructor: Dr. Steven Sloman
 Taught weekly sections. Delivered solo guest lecture on Morality and Happiness
- 2020 **Lead Teaching Assistant:** CLPS 0900: Statistical Methods
 Instructor: Dr. Stephanie Costa

Awards and Scholarships

- 2019–2020 Betty R.H. and James M. Pickett Fellowship
- 2017–2018 IEEE–HKN Beta–Epsilon chapter
- 2018 Conference Travel Award, Weinberg Institute for Cognitive Science
- 2017 International Institute Fellowship, University of Michigan
- 2017 Brown Scholarship, University of Michigan Residential College
- 2017 Weiss–Partin Scholarship, University of Michigan

Service and Outreach

- 2020–present CLPS Social Cognitive Seminar Series, Co–Organizer
- 2020–present CLPS Diversity and Inclusion community outreach subcommittee, member
- 2019–2020 CLPS Social Events Planning, Co–Organizer
- 2017–2019 Michigan China Forum, Co–President/Panel Chair
- 2017–2019 Peer Information Counselor at the University of Michigan Library
- 2017–2019 Cognitive Science Community at the University of Michigan, Co–President
- 2016–2018 Girls in Electrical Engineering and Computer Science(GEECS) professional committee

Relevant Skills

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Programming: Python, C++, R, Linux, JavaScript, Soar

Natural Languages: *native* Mandarin | *near-native* English | *intermediate* German