

Kennedy Casey

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217 Peretsman Scully Hall, Princeton, NJ 08540

EDUCATION

- 2023- **Ph.D. student in Psychology**
Princeton University
Advisor: Dr. Casey Lew-Williams
- 2017-2021 **B.A. in Psychology** (*summa cum laude*)
Princeton University
Minors: Cognitive Science, Linguistics, & Neuroscience

TRAINING

- 2021-2023 **Lab Manager**
Chatter Lab (PI: Dr. Marisa Casillas)
University of Chicago, Department of Comparative Human Development
- 2018-2021 **Research Assistant**
Princeton Baby Lab (PIs: Drs. Casey Lew-Williams & Lauren Emberson)
Princeton University, Department of Psychology
- 2019 **Summer Research Assistant**
Spatial Cognition Lab (PI: Dr. Stella Lourenco)
Emory University, Department of Psychology

PUBLICATIONS

* Equal contribution + Undergraduate mentee

Journal articles

- Casey, K.**, Potter, C. E., Lew-Williams, C., & Wojcik, E. H. (2023). Moving beyond “nouns in the lab”: Using naturalistic data to understand why infants’ first words include *uh-oh* and *hi*. *Developmental Psychology*, 59(11), 2162–2173. <https://doi.org/10.1037/dev0001630>
- Baek, S., Marques, S., **Casey, K.**, Testerman, M., McGill, F., & Emberson, L. (2023). Attrition rate in infant fNIRS research: A meta-analysis. *Infancy*, 28(3), 507-531. <https://doi.org/10.1111/infa.12521>
- Casey, K.**, Novick, K., & Lourenco, S. F. (2021). Sixty years of gender representation in children’s books: Conditions associated with overrepresentation of male versus female protagonists. *PLOS ONE*, 16(12), e0260566. <https://doi.org/10.1371/journal.pone.0260566>

Peer-reviewed conference proceedings and book chapters

- Casillas, M., & **Casey, K.** (in press). Daylong egocentric recordings in small- and large-scale language communities: A practical introduction. *Advances in Child Development and Behavior* (Vol. 66). <https://doi.org/10.1016/bs.acdb.2024.05.002>

Casey, K., & Casillas, M. (2022). From *doggy* to *dog*: Developmental shifts in children's use of register-specific words. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Meeting of the Cognitive Science Society* (pp. 49-56). <https://escholarship.org/uc/item/7hb9113g>

Casey, K., Elliott, M., Mickiewicz, E.⁺, Silva Mandujano, A.⁺, Shorter, K.⁺, Duquette, M.⁺, Bergelson, E., & Casillas, M. (2022). Sticks, leaves, buckets, and bowls: Distributional patterns of children's at-home object handling in two subsistence societies. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Meeting of the Cognitive Science Society* (pp. 927-933). <https://escholarship.org/uc/item/6wx2x30s>

Manuscripts in preparation or under review

The ManyNumbers Consortium, including **Casey, K.** (Stage 1 registered report, minor revision). ManyNumbers 1: A multi-lab international study of early number knowledge. *Developmental Science*. <https://www.manynumbers.org/>

Casey, K., Elliott, M., Mickiewicz, E.⁺, Bergelson, E., & Casillas, M. (in prep). Daylong patterns of object-centric interaction in two subsistence societies.

Jin, Y., **Casey, K.**, Foushee, R., & Casillas, M. (in prep). What do US children overhear? Evidence from daylong recordings and parental reports.

Jin, Y., Méndez Girón, J., Polian, G., **Casey, K.**, & Casillas, M. (in prep). A social feedback loop supporting early vocal learning in Tseltal Mayan families.

Other products

Casey, K., Fisher, W.⁺, Tice, S. C., Casillas, M. (2022). ImCo: A Python application for coding *lots* of images. [Computer software]. <https://github.com/kennedycasey/ImCo2>

Casillas, M., **Casey, K.**, & Tice, S. C. (2022). Annotate (Anotar). [Computer software] <https://github.com/marisacasillas/annotate-app/tree/multiple-choice>

PRESENTATIONS

* Equal contribution + Undergraduate mentee

Conference talks

Casey, K., & Lew-Williams, C. (2024). Contending with word form variation in early word learning. Talk to be presented at the Boston University Conference on Language Development. Boston, MA, USA.

Casillas, M., Foushee, R., & **Casey, K. (2024).** Tseltal children show a verb bias in early vocabulary development. Talk to be presented at the Boston University Conference on Language Development. Boston, MA, USA.

Casillas, M., & **Casey, K. (2024).** Multimodal and linguistic factors shaping lexical development in Tenejapan Tseltal. Talk to be presented at Societas Linguistica Europaea. Helsinki, Finland.

Casey, K., & Casillas, M. (2024). Object handling predicts age of noun acquisition in a Tseltal Mayan community. Talk presented at the International Association for the Study of Child Language. Prague, Czech Republic.

Casillas, M., **Casey, K.**, Foushee, R., & Brown, P. (2024). Verb bias but no noun bias in early Tseltal lexical development. Talk presented at the International Association for the Study of Child Language. Prague, Czech Republic.

Jin, Y., **Casey, K.**, Foushee, R., & Casillas, M. (2024). What do US children overhear? Evidence from daylong recordings and parental reports. Talk presented at the International Association for the Study of Child Language. Prague, Czech Republic.

Jin, Y., Méndez Girón, J., Polian G., **Casey, K.**, & Casillas, M. (2023). Vocal maturity predicts caregiver responsiveness in a Tseltal Mayan community. Talk presented at the Boston University Conference on Language Development. Boston, MA, USA.

Jin, Y., Méndez Girón, J., Polian G., **Casey, K.**, & Casillas, M. (2023). Vocal maturity predicts caregiver responsiveness in a Tseltal Mayan community. Talk presented at Many Paths to Language. Nijmegen, Netherlands.

Casey, K., Elliott, M., Mickiewicz, E.⁺, Silva Mandujano, A.⁺, Shorter, K.⁺, Duquette, M.⁺, Bergelson, E., & Casillas, M. (2022). Sticks, leaves, buckets, and bowls: Distributional patterns of children's at-home object handling in two subsistence societies. Talk presented at the Annual Meeting of the Cognitive Science Society. Toronto, ON, Canada.

Casey, K., & Casillas, M. (2022). From *doggy* to *dog*: Developmental shifts in children's use of register-specific words. Talk presented at the Annual Meeting of the Cognitive Science Society. Toronto, ON, Canada.

Casey, K., Elliott, M., Mickiewicz, E.⁺, Shorter, K.⁺, & Casillas, M. (2022). Capturing daylong object handling patterns in two small-scale communities. Talk presented at the International Congress on Infant Studies. Ottawa, ON, Canada.

Casey, K., & Casillas, M. (2022). Children's shift from CDS to ADS vocabulary across early childhood. Talk presented at the Biennial Meeting of the Cognitive Development Society. Madison, WI, USA. Symposium co-organized with M. Casillas: Children's exposure to and use of socially meaningful variation in language.

Casey, K., Potter, C. E., Nencheva, M., Lew-Williams, C., & Wojcik, E. H. (2021). Moving beyond "nouns in the lab": Using naturalistic data to understand why infants' first words include *uh-oh* and *hi*. Talk presented at the Boston University Conference on Language Development. Virtual.

Casey, K., Potter, C. E., Wojcik, E. H., & Lew-Williams, C. (2021). Moving beyond "nouns in the lab": Using naturalistic data to understand why infants' first words include *uh-oh* and *hi*. Talk presented at the Society for Research in Child Development Biennial Conference. Virtual.

Conference posters

- Jin, Y., Foushee, R., **Casey, K.**, & Casillas, M. (2024). Developmental change in acquiring overheard words within naturalistic contexts. Poster to be presented at the Boston University Conference on Language Development. Boston, MA, USA.
- Casey, K.**, & Casillas, M. (2023). Multimodal predictors of early noun knowledge in Tseltal. Poster presented at the Boston University Conference on Language Development. Boston, MA, USA.
- Casey, K.**, & Casillas, M. (2023). Multimodal predictors of early noun knowledge in Tseltal. Poster presented at Many Paths to Language. Nijmegen, Netherlands.
- Casey, K.**, & Casillas, M. (2022). From *doggy* to *dog*: Developmental shifts in children's use of register-specific words. Poster presented at the Boston University Conference on Language Development. Boston, MA, USA.
- Sun, Q., Huang, C., **Casey, K.**, Cooper Borkenhagen, M., & Wang, T. (2022). Rates of gender representation in children's literature across cultures: A comparison of US vs. Chinese children's books. Poster presented at the Annual Meeting of the Cognitive Science Society. Toronto, ON, Canada.
- Scaff, C., **Casey, K.**, Mohammed-Norgan, M.⁺, Guilla, A.⁺, Hsieh, E.⁺, Bo, H., & Casillas, M. (2022). Using daylong recordings to characterize sleep and speech activities in three subsistence populations. Poster presented at the International Congress on Infant Studies. Ottawa, ON, Canada.
- Sun, Q., Huang, C., **Casey, K.**, Cooper Borkenhagen, M., & Wang, T. (2022). Rates of gender representation in children's literature across cultures: A comparison of US vs. Chinese children's books. Poster presented at the Biennial Meeting of the Cognitive Development Society. Madison, WI, USA.
- Baek, S., Marques, S., **Casey, K.**, Testerman, M., McGill, F., & Emberson, L. (2021). Attrition rate in infant fNIRS research: A meta-analysis. Poster presented at the Biennial Meeting of the Society for Functional Near Infrared Spectroscopy (fNIRS). Virtual.
- Aulet, L. S., **Casey, K.**, & Lourenco, S. F. (2019). Number bias during categorization is driven by relative discriminability, not universal preference. Poster presented at the Biennial Meeting of the Cognitive Development Society. Louisville, KY, USA.

Invited talks

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| 2024 | Cognitive Research Seminar Series , Princeton University, Department of Psychology
Graduate Student Visiting Day , Princeton University, Department of Psychology |
| 2023 | Language and Communication Lab Meeting , University of Texas at El Paso, Department of Psychology (PI: Dr. Iva Ivanova) |
| 2022 | Neubauer Collegium "Roots of Linguistic Identity" Workshop , University of Chicago, Department of Comparative Human Development |

2021 **Child Language Lab Meeting**, Northwestern University, Department of Communication Sciences & Disorders (PI: Dr. Adriana Weisleder)
Early Learning Lab Meeting, Skidmore College, Department of Psychology (PI: Dr. Erica Wojcik)

AWARDS, FELLOWSHIPS, & GRANTS

External

2023-2026 **Graduate Research Fellowship**, National Science Foundation
 Title: *Lexical variation at scale: Children's language input and word learning across contexts and over time*

2021, 2022 **Paula Menyuk Travel Award**, Boston University Conference on Language Development

Internal

2024 **ReMatch+ Summer Research Funding**, Princeton University

2023-2028 **Centennial Fellowship**, Princeton University

2022, 2023 **Center for Gesture, Sign, & Language Research Grant**, University of Chicago (with N. Dowling & M. Casillas)
 Title: *Coordinating conversation multimodally: A role for shrug gestures in preference organization*

2021 **George A. Miller Prize in Cognitive Science**, Princeton University
Howard Crosby Warren Senior Prize in Psychology, Princeton University
Phi Beta Kappa, Princeton University
Highest Honors in Psychology, Princeton University
Senior Thesis Funding Awards (Program in Cognitive Science, Program in Linguistics, Office of Undergraduate Research), Princeton University

2020 **Cognitive Science Undergraduate Summer Research Fellowship**, Princeton University
Senior Thesis Funding Award (Office of Undergraduate Research), Princeton University
Howard Crosby Warren Junior Prize in Psychology, Princeton University

2019 **Summer Research Fellowship (Office of Undergraduate Research)**, Princeton University

2017-2021 **QuestBridge Scholarship**, Princeton University

TEACHING

2024- **Head Writing Center Fellow**, Princeton University

2023- **Graduate Writing Center Fellow**, Princeton University

2023 **Course Assistant for Methods in Child Development Research**, University of Chicago

2021-2023 **Undergraduate Lab Meeting Organizer**, University of Chicago

2020-2021 **Undergraduate Writing Center Fellow**, Princeton University

2019-2021 **Statistics/R Programming Tutor**, Princeton University

MENTORING

Undergraduate RAs *direct supervision on first-author projects only

Princeton University

Amalia Levitin (2024-present, Office of Undergraduate Research ReMatch+ Program), Matthew Weatherhead (2021)

University of Chicago

Carla Escalante (2023), Jordyn Martin (2023), Ruby Swensen (2023), Emily Chan (2022-2023), Sarah Sommer (2022-2023; College Summer Institute Program), Alexander Stern (2022-2023; Quad Summer Undergraduate Research Scholars Program, Undergraduate Research Symposium presenter), Carla Suarez Soto (2022-2023; Leadership Alliance Summer Research Early Identification Program), Elizabeth Mickiewicz (2021-2023; College Summer Institute Program; Undergraduate Research Symposium presenter), Mara Duquette (2021-2022; Quad Summer Undergraduate Research Scholars Program, Undergraduate Research Symposium presenter), Anapaula Silva Mandujano (2021-2022), Kimberly Shorter (2021-2022), Will Fisher (2021-2022)

Honors thesis students

University of Chicago

Sarah Kelso (2023, co-mentored with Dr. Marisa Casillas), Elizabeth Mickiewicz (2023, co-mentored with Drs. Amanda Seccia and Marisa Casillas)

Other mentoring programs (internal and external)

2024 **Bootcamp on Effective Research Mentorship**, Princeton University
2023- **NextGen Psych Scholars Program**, University of Minnesota
 Rematch+, Princeton University

SERVICE, OUTREACH, & PROFESSIONAL DEVELOPMENT _____

Service

2023-2024 **Graduate Student Social Well-Being Committee**, Department of Psychology, Princeton University

Outreach

2024 **Young Women's Conference in STEM**, Princeton University
 Spring Into Science Fair, Princeton University
2022 **South Side Science Festival**, University of Chicago
2021 **Young Women's Conference in STEM**, Princeton University

Professional memberships

Cognitive Development Society, Cognitive Science Society, International Association for the Study of Child Language, International Congress of Infant Studies, Phi Beta Kappa, Society for Research in Child Development

SKILLS _____

Methods Behavioral, eye tracking, naturalistic recording, fNIRS
Scripting R, Python, Praat, E-Prime, Presentation, ffmpeg
Other Adobe Creative Suite, ELAN, Git, Qualtrics