Caroline Beech

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Philadelphia, PA 19104 USA

EDUCATION

University of Pennsylvania   **2020 - 2025 (expected)**
Ph.D. in **Psychology**, Advisor: Daniel Swingley
Language and Communication Sciences Certificate, CTL Teaching Certificate

University of Pennsylvania   **2021**
M.A. in **Psychology**

Vassar College   **2016 - 2020**
B.A. in **Cognitive Science**, **Mathematics**, and **French and Francophone Studies**
Minor in Computer Science, General and Departmental Honors x3

GRANTS, FELLOWSHIPS, and AWARDS

NIH F31-HD-113235, *Infant word learning and word recognition under realistic phonetic conditions* (PI), 2023-2025, $95,000.   **2023 - 2025**

Paula Menyuk Travel Award, Boston University Conference on Language Development   **2023**

Student Travel Grant, Cognitive Science Society (CogSci 2023)   **2023**

Dean's Scholar, University of Pennsylvania School of Arts and Sciences, awarded to 10 out of 2100 graduate students   **2023**

NIH T32 Predoctoral Research Trainee (NIH grant T32-DC-016903, University of Pennsylvania)   **2021 - 2023**

Paula Menyuk Award (honorary), Boston University Conference on Language Development, awarded to student first authors of top-rated abstracts   **2021**

Sigma Xi inductee, Sigma Xi, the scientific research honor society   **2020**

Thompson-Bartlett Fellowship for Women in Science, Mathematics and Computer Science, Vassar College   **2019**

Psi Chi inductee, Psi Chi, the international honor society in Psychology   **2019**

Dorothy Persh Prize, Vassar College, to recognize high achievement in French and support continued study in France   **2018**

PUBLICATIONS

Beech, C., & Swingley, D. (2023). Relating referential clarity and phonetic clarity in infant-directed speech. *Developmental Science*, e13442.

Beech, C., & Swingley, D. (2023). Consequences of phonological variation for algorithmic word segmentation. *Cognition*, *235*, 105401.

Beech, C., & Swingley, D. (2023). Very young infants' sensitivity to consonant mispronunciations in word recognition. *Proceedings of the Annual Meeting of the Cognitive Science Society*, *45*, 792-798.

CONFERENCE PRESENTATIONS

Beech, C., Bulgarelli, F., Bergelson, E., & Swingley, D. (July 2024). *Relating properties of parents' speech to the infant's referential world*. Talk presented at the International Congress of Infant Studies, Glasgow, Scotland.

Beech, C., Shelton, M., & Swingley, D. (November 2023). *Using story-guided looking to measure young children's recognition of phonetically reduced words*. Talk presented at the Boston University Conference on Language Development, Boston, MA.

Beech, C., & Swingley, D. (July 2023). *Very young infants' sensitivity to consonant mispronunciations in word recognition*. Talk presented at the 45th Annual Meeting of the Cognitive Science Society, Sydney, Australia.

Beech, C., & Swingley, D. (June 2022). *Relating referential clarity and auditory clarity in infant-directed speech*. Poster presented at the Workshop on Infant Language Development, San Sebastian, Spain.

Beech, C., & Swingley, D. (November 2021). *Consequences of phonological variation for word segmentation*. Talk presented at the Boston University Conference on Language Development, Boston, MA.

TEACHING EXPERIENCE

University of Pennsylvania Psychology Department   2022 -
Teaching Assistant
- COGS 1001/PSYC 1333/CIS 1400/LING 1005 Introduction to Cognitive Science (200 students; guest lectured, led recitation section of 25 students, and managed 10 undergraduate TAs)
- PSYC 151/1310 Language and Thought (160 students)
- PSYC 2377 Cognitive Development (60 students)

Vassar College French and Francophone Studies Department   2019 - 2020
French Tutor
- Atelier d'Ecriture (3.5 hours of office hours per week for students in any French course)

MENTORSHIP and OUTREACH

Kotoboo   2022 -
Co-author of kotoboo.org, a website which disseminates accessible science-based information about language acquisition

Penn Infant Language Center undergraduate mentees: Alyssa Antonian, Laura Preka 2022-2024; Imani Rhodriquez, Devora Solomon, 2023; Lucy Fekade, Logan Fleming, Charlotte Grandon, McKenna Sun, summer 2023; Megan Shelton, 2022-2023 (*co-mentored senior thesis*); Mahi Patel, 2021-2023

Penn Laboratory Experiences in the Natural Sciences (LENS),   **Jun. - Jul. 2022**
University of Pennsylvania
Mentor and primary supervisor to a Philadelphia high school student interning in the lab

Psychology Department Peer Mentorship Program, University of Pennsylvania   **2022 -**
Upper-year mentor to a first-year graduate student

MindCORE Step Ahead Mentorship Program, University of Pennsylvania   **2021 -**
Graduate student mentor to undergraduate students with interests in the cognitive sciences

SERVICE

Organizer, Integrated Language Science and Technology (ILST) Seminar (weekly   **2022 - 2024**
seminar series with 6 external speakers, 6 internal speakers per semester)

Parallel Sessions Chair, CUNY Conference on Human Sentence Processing   **Mar. 2021**

OTHER RESEARCH EXPERIENCE

Summer Research Intern, Aslin Baby Lab, Haskins Laboratories   **Jun. - Aug. 2019**

Intern, Laboratoire Psychologie de la Perception, Paris V/CNRS   **Oct. - Dec. 2018**

Summer Research Intern, Anticevic Lab, Yale University   **Jun. - Jul. 2017, 2018**

TECHNICAL SKILLS

Programming: R, Python, Unix; intermediate experience with MATLAB and JavaScript

Experimental presentation: Experiment Builder, PennController IBEX, jsPsych, PsychoPy

Other software: Praat, ELAN video annotation, GIMP image editing

LANGUAGES

English (Native)

French (Fluent)