

Margaret Kandel
mkandel@sas.upenn.edu

Curriculum Vitae (web version)
[Last update: Jan 2026; Contact me for full CV]

ACADEMIC APPOINTMENTS

2025 – **University of Pennsylvania**, Philadelphia, PA
Postdoctoral Research Fellow, Penn MindCORE

EDUCATION

2025 **Harvard University**, Cambridge, MA
Ph.D. Psychology
Advisor: Jesse Snedeker

2021 **Harvard University**, Cambridge, MA
M.A. Psychology
Advisor: Jesse Snedeker

2015 **Yale University**, New Haven, CT
B.A. Linguistics (with Distinction)
Advisor: Raffaella Zanuttini

2014 **Sarah Lawrence College: Florence Program**, Florence, Italy
Study Abroad (Art History, Art Restoration, Italian Literature)

RESEARCH INTERESTS

Real-time processing during language production and comprehension; Linguistic prediction; Long-distance dependency formation; Language acquisition and development; Research methods.

SELECTED GRANTS AND HONORS

2024 – 2025 Harvard Griffin GSAS Dissertation Completion Fellowship

2024 Harvard Summer School Tuition Fellowship (*ASL-73 American Sign Language I*)

2022 Certificate of Student Recognition of Teaching,
Harvard GSAS Office of Academic Programs

2021 Restricted Funds Large Research Grant, Harvard Psychology Department (\$5000)
Role: Principal Investigator

2020 Restricted Funds Small Research Grant, Harvard Psychology Department (\$500)
Role: Principal Investigator

2019 Stimson Fund Grant, Harvard University (\$1000)

2018 Female Alpine Coach Rookie of the Year, Stowe Mountain Resort

2015 Fulbright Scholarship Finalist, US Fulbright Program

2015	Distinction in the Major (Linguistics), Yale University
2015	Magna Cum Laude, Yale University
2014	Phi Beta Kappa, Yale University
2014	Language Science Summer Scholarship, Center for the Advanced Study of Language
2025	Mimi Makro Micro Micro Grant, God's Automatic Art School (\$1)

PUBLICATIONS

PEER-REVIEWED MANUSCRIPTS

- Kandel, M.**, Li, N., & Snedeker, J. (2026). Evidence for top-down constraints and form-based prediction in 4–5 year-olds' lexical processing. *Cognition*, *271*, Article 106445. <https://doi.org/10.1016/j.cognition.2026.106445>
- Kandel, M. (co-first author)**, Pañeda, C. (co-first author), Bahmanian, N., Martinez Bruera, M., Phillips, C., & Lago, S. (2025). Number and grammatical gender attraction in Spanish pronouns: Evidence for a syntactic route to their features. *Journal of Cognition*, *8*(1), <https://doi.org/10.5334/joc.416>
- Slim, M. (co-first author), **Kandel, M. (co-first author)**, Yacovone, A., & Snedeker, J. (2024). Webcams as windows to the mind? A direct comparison between in-lab and web-based eye-tracking methods. *OpenMind: Discoveries in Cognitive Science*, *8*, 1369–1424. https://doi.org/10.1162/opmi_a_00171
- Kandel, M.**, Wyatt, C. R., & Phillips, C. (2024). Number attraction in pronoun production. *OpenMind: Discoveries in Cognitive Science*, *8*, 1247–1290. https://doi.org/10.1162/opmi_a_00167
- Kandel, M.** & Snedeker, J. (2024). Assessing two methods of webcam-based eye-tracking for child language research. *Journal of Child Language*. <https://doi.org/10.1017/s0305000924000175>
- Kandel, M.** & Snedeker, J. (2023). Cascaded processing develops by five years of age: Evidence from adult and child picture naming. *Language, Cognition and Neuroscience*, *39*(2), 167–202. <https://doi.org/10.1080/23273798.2023.2258536>
- Kandel, M.** & Phillips, C. (2022). Number attraction in verb and anaphor production. *Journal of Memory and Language*, *127*, Article 104370. <https://doi.org/10.1016/j.jml.2022.104370>
- Kandel, M.**, Wyatt, C. R., & Phillips, C. (2022). Agreement attraction error and timing profiles in continuous speech. *GLOSSA Psycholinguistics*, *1*(1). <https://doi.org/10.5070/G601157>

OTHER MANUSCRIPTS

- Kandel, M.** (2025). Go with the flow: Investigating the dynamics of lexical access in child language production and comprehension. Doctoral Dissertation, Harvard University.
- Kandel, M.** (2015). Ecco-location: The Italian presentative *ecco* and its spatial interpretation. B.A. Thesis, Yale University.
- Chacón, D. A., Fetters, M., **Kandel, M.**, Pelzl, E. & Phillips, C. Indirect Learning and Language Variation: Reassessing the That-Trace effect. [Available from Dustin Chacón upon request]

PRESENTATIONS

INVITED TALKS

- 2026 *Linguistics and Cognitive Science Colloquium*, University of Delaware, Newark DE
 2025 *MindCORE Seminar*, University of Pennsylvania, Philadelphia, PA
 2025 *Integrated Language Sciences and Technology Seminar*, U. Penn, Philadelphia, PA
 2023 *Language and Cognition Colloquium*, Harvard University, Cambridge, MA
 2021 *Virtual Workshop on Virtual Eye-tracking*, Boston College, Chestnut Hill, MA
 2021 *CSL-GAP Lab Meeting*, University of Massachusetts, Amherst, MA
 2018 *Language and Cognition Colloquium*, Harvard University, Cambridge, MA

CONFERENCE PRESENTATIONS

- Kandel, M. (co-presenter)**, Novak, D. (co-presenter), & Snedeker, J. (2025). Prediction is a processing default in spoken language comprehension. Poster presentation. *38th Annual Conference on Human Sentence Processing*, University of Maryland, College Park.
- Kandel, M.**, Carter, J., & Kocab, A. (2025). Cascaded processing in language production is modality independent: Evidence from picture naming in American Sign Language. Poster presentation. *38th Annual Conference on Human Sentence Processing*, University of Maryland, College Park.
- Kandel, M.**, Li, N., & Snedeker, J. (2024). Evidence for top-down constraints and form-based prediction in 4–5 year-olds' lexical processing. Spoken presentation (stage talk). *49th Boston University Conference on Language Development*, Boston University.
- Li, N., **Kandel, M.**, & Snedeker, J. (2024). Evidence for contextual constraints on spoken word recognition in non-native speakers of English. *7th Annual Conference of the Specialized Committee of Linguistic Psychology of the Chinese Psychological Society*.
- Kandel, M.**, Li, N., Snedeker, J. (2024). Effects of contextual constraint on word recognition in 4–5 year-old children and adults. Spoken presentation (plenary talk). *37th Annual Conference on Human Sentence Processing*, University of Michigan, Ann Arbor.
- Kandel, M.** & Snedeker, J. (2023). Assessing two methods of webcam-based eye-tracking for child language research. Poster presentation. *48th Boston University Conference on Language Development*, Boston University.
- Pañeda, C., **Kandel, M.**, Bahmanian, N., Martinez Bruera, M., Phillips, C., & Lago, S. (2023). Linguistic representations matter for pronoun production: Evidence from grammatical gender. Poster presentation. *29th Architectures and Mechanisms for Language Processing*, Basque Center on Cognition, Brain, and Language.
- Kandel, M.**, Pañeda, C., Bahmanian, N., Martinez Bruera, M., Phillips, C., & Lago, S. (2023). Number and gender attraction in Spanish pronoun production. Poster presentation. *36th Annual Conference on Human Sentence Processing*, University of Pittsburgh.
- Kandel, M.**, Yacovone, A., Slim, M., & Snedeker, J. (2022). Webcams as windows to the mind: Comparing web-based eye-tracking methods. Spoken presentation (short talk). *35th Annual Conference on Human Sentence Processing*, University of California, Santa Cruz.

- Pañeda, C., Bahmanian, N. **Kandel, M.**, Phillips, C., & Lago, S. (2022). Number attraction with pronouns in a morphologically rich language: Evidence from Spanish production. Poster presentation. *28th Architectures and Mechanisms for Language Processing*, University of York.
- Slim, M. (co-presenter), **Kandel, M. (co-presenter)**, Yacovone, A., Presgrave, M., & Snedeker, J. (2022). Comparing web-based and in-lab eye-tracking tools for language experiments. Spoken presentation (short talk). *28th Architectures and Mechanisms for Language Processing*, University of York.
- Wyatt, C. (co-presenter), **Kandel, M. (co-presenter)**, & Phillips, C. (2021). Number attraction in pronoun production: evidence for antecedent feature retrieval. Spoken presentation (plenary talk). *34th Annual CUNY Conference on Human Sentence Processing*, University of Pennsylvania.
- Kandel, M. (co-presenter)**, Wyatt, C. (co-presenter), & Phillips, C. (2021). Transitioning to online language production: a direct comparison of in-lab and web-based experiments. Spoken presentation (short talk). *34th Annual CUNY Conference on Human Sentence Processing*, University of Pennsylvania.
- Kandel, M.** & Snedeker, J. (2020). Picture naming in adults and children: Effects of codability and frequency provide evidence for cascading activation in production. Poster presentation. *33rd Annual CUNY Conference on Human Sentence Processing*, University of Massachusetts, Amherst.
- Kandel, M.**, Wyatt, C., Balachandran, L., & Phillips, C. (2019). Number attraction effects in production: Errors and speech rate profiles narrow a production-comprehension contrast. Spoken presentation (plenary talk). *32nd Annual CUNY Conference on Human Sentence Processing*, University of Colorado Boulder.
- Muller, H., Gaston, P., Dickerson, B., Liter, A., Hirzel, M., Hitzenko, K., **Kandel, M.**, Lyskawa, P., Nelligan, J., Papillon, M., Perkins, L. (2019). Gender bias in representation and publishing rates across subfields. Spoken presentation. *Linguistic Society of America 2019 Annual Meeting*, New York City, NY.

ADDITIONAL RESEARCH EXPERIENCE

- 2023 – **Northwestern University, Research Consultant**
 Collaborator: Sandra Waxman
 Consultant on experiment design, analyses, and webcam-based eye-tracking methods; investigating implicit race and gender bias in preschool teachers.
- 2017 – 2018 **University of Maryland, Post-Bac Researcher & Lab Manager**
 Advisor: Colin Phillips
 Researched mechanisms of language production. Lab manager at the Cognitive Neuroscience of Language Lab. Worked with the Language Science Center on language science outreach and Langscape (<https://langscape.umd.edu/>).
- 2015 **Harvard Lab for Developmental Studies, Paid Summer Research Intern**
 Advisors: Roman Feiman, Jesse Snedeker, Susan Carey
 Worked in the Carey and Snedeker labs on studies investigating toddlers' understanding of logical negation.

- 2014 **University of Maryland, CASL Summer Scholar**
Advisors: Dustin Chacón, Colin Phillips, Tess Wood
Research affiliate at the Cognitive Neuroscience of Language Lab and the Language Science Center. Worked on experiments investigating syntactic processing and acquisition. Prepared Langscape (<https://langscape.umd.edu/>) for launch and designed an online learning course in Kituba.
- 2015 **McCormick Lab, Yale School of Medicine, Research Volunteer**
Advisor: Gregg Castellucci (PI: David McCormick)
Data collection for an animal communication study of mouse courtship song behaviour.

TEACHING EXPERIENCE

- 2020 – 2024 **Harvard Psychology Department, Departmental Writing Fellow**
- Fall 2023 **Harvard Psychology Department, Teaching Fellow**
Course: Brain Damage as a Window to the Mind: Cognitive Neuropsychology
Instructor: Alfonso Caramazza
- Fall 2022 **Harvard Psychology Department, Teaching Fellow**
Course: Introduction to Psychological Science
Instructor: Jason Mitchell
Certificate of Student Recognition of Teaching
Harvard GSAS Office of Academic Programs
- 2018 – 2023 **Harvard Mind Brain & Behaviour Initiative, Senior Thesis Workshop Leader**
- 2013 – 2015 **Yale Writing Center, Writing Partner & ESL Tutor**
- Summer 2014 **Johns Hopkins University Center for Talented Youth, Teaching Assistant**
Course: Linguistics
Instructor: Joshua Kraut
- 2016 **US Fulbright Program, English Teaching Assistant**
SMK Sultan Azlan Shah, Lenggong, Perak, Malaysia
- 2016 **SUKA Society, Volunteer Teacher**
Tutored preschool teachers from the Orang Asli village Dala, Malaysia
- 2016 – 2017 **Stowe Mountain Resort Ski & Snowboard School, Ski Instructor & Coach**
Professional Ski Instructors of America, Level I Certification
- 2012, 2019 **Baltimore Fencing Center, Assistant/Substitute Coach**
Coach in foil (summer 2012) and épée (winter 2019)

MENTORING

UNDERGRADUATE RESEARCH ASSISTANTS

Fall 2024 – Spring 2025	Cathlyn Boyle (University of Bath)
Fall 2024 – Spring 2025	Kimi Costello (University of Bath)
Fall 2023 – Spring 2025	Matthew McGrory (Northwestern University)
Summer 2024	Itzel Sanchez (Harvard University)
Fall 2021 – Spring 2024	Danielle Novak (Harvard University) <i>Ph.D. Student in Cognitive Science, Johns Hopkins University</i>
Fall 2023 – Spring 2024	Emily Yang (Northwestern University)
Fall 2023 – Spring 2024	Hanna Kleiner (University of Bath)
Fall 2023 – Spring 2024	Amelia Harris (University of Bath)
Summer 2023 – Spring 2024	Iandra Ramos (Harvard University) <i>MSc Student in Education, Oxford University</i>
Fall 2022 – Spring 2023	Joanna Lau (Harvard University) <i>M.A. in Flute Performance, Carnegie Mellon University</i>
Fall 2022 – Spring 2023	Eleanor Muir (University of Bath) <i>MSc in Mental Health: Psychological Therapies, Queen Mary, University of London</i>
Fall 2022 – Spring 2023	Timothy Guest (University of Bath)
Summer 2022	Antara Bhattacharya (Harvard University)
Fall 2021 – Spring 2023	Madeleine Presgrave (University of Bath)
Summer 2021	Emily Liu (UC San Diego)
Fall 2020 – Summer 2021	Beatriz Leitão (University of Bath)
Spring 2021	Mikaela Martin (Harvard University) <i>Ph.D. Student in Linguistics, University of Pennsylvania</i>
Summer 2018, Spring – Fall 2020	Cassidy Wyatt (University of Maryland, College Park)
Spring 2020	Judy Pendergast (Harvard University)
Summer 2019 – Spring 2021	Benazir Neree (Harvard University) <i>Ph.D. Student in Psychology, Harvard University</i>
Fall 2018 – Spring 2019	Parker Robbins (Northeastern University) <i>Ph.D. Student in Linguistics, University of Toronto</i>
Spring 2018	Shashwat Kapoor (University of Maryland, College Park)

UNDERGRADUATE THESIS ADVISING

Esther Werbach (Cognitive Science), University of Pennsylvania, 2026

Danielle Novak (Linguistics & Neuroscience), Harvard University, 2024

To predict, or not to predict: Listeners use context to modulate their prediction of upcoming words

Iandra Ramos (Psychology), Harvard University, 2024

What's next? How verbal working memory and reading experience impact linguistic prediction

Madeleine Presgrave (Psychology, First Class Honors), University of Bath, 2023

Assessing the spatio-temporal accuracy of online eye-tracking methods

Benazir Neree-Thompson (Linguistics), Harvard University, 2021

The time to say it: An investigation of flexible planning scope in speech production

Cassidy Wyatt (Linguistics), University of Maryland, 2020

Number attraction in pronoun production

SERVICE RECORD

EVENT ORGANIZING

2024 *Prospective PhD & RA Event in Psychology (PPREP)*, Harvard Psychology

2022 – 2023 *Developmental Psychology Seminar Series*, Harvard Psychology

2019 – 2022 *Language and Cognition Colloquium*, Harvard Psychology & Linguistics

MENTORING & VOLUNTEERING

2025 – **Mind DivE In**, *Mentor*

Mentor for prospective psychology Ph.D. students from underrepresented backgrounds in academia. Provided feedback and advice on research statements, cover letters, CVs, and the graduate school application process.

2021 – 2025 **PPREP Diversity Initiative**, *Mentor*

Mentor for prospective psychology Ph.D. students, research assistants, and lab managers from historically minoritized groups in STEM. Provided feedback and advice on research statements, cover letters, and CVs.

2019 – 2020 **PsyConnect**, *Mentor*

Mentor for incoming Ph.D. students in the Harvard Psychology department.

2019 – 2020 **Mind, Brain, Behavior Grad–Undergrad Mentorship Program**, *Mentor*

Mentor for undergraduate students with interest in the mind, brain, and behavior. Provided advice on career planning, research skills acquisition, and field-specific resources.

2019, 2023, 2024 **Boston University Conference on Language Development**, *Volunteer*

AD-HOC REVIEWING

Journal of Child Language

Journal of Experimental Psychology: Learning, Memory, and Cognition

Journal of Memory and Language

OpenMind: Discoveries in Cognitive Science

Conference on Human Sentence Processing