Roman Feiman

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Employment

2023–present **Brown University.** Thomas J. and Alice M. Tisch Assistant Professor
Cognitive and Psychological Sciences
Linguistics (secondary appointment)

2018–2023 **Brown University.** Assistant Professor
Cognitive, Linguistic, and Psychological Sciences

2016–2018 **University of California, San Diego.** Postdoctoral Fellow
Psychology
Advisor: David Barner

2015–2016 **Harvard University.** Postdoctoral Fellow
Psychology and Linguistics
Advisors: Jesse Snedeker & Gennaro Chierchia

Education

Ph.D. **Harvard University.** *Psychology,* 2015.
Advisors: Susan Carey & Jesse Snedeker

M.A.Sc. **University of Waterloo.** *Psychology,* 2009.
Advisor: Mathieu LeCorre

B.Sc. **University of Toronto.** 2008.
Majors: Psychology Research, Cognitive Science; Minor: Philosophy

Grants

(only direct costs listed)

Current

2024-2025 **Brown University Seed Grant** *$50,000*
Principal Investigator
Title: Children understand that what you say depends on how you say it

2022-2024 **Jacobs Foundation Fellowship** *$180,721*
Principal Investigator
Title: Children's development of verbal reasoning

Completed

2020-2024 **NSF Collaborative Research Grant DRL #2000661** *$532,036 (total $1,326,656)*
Co-PI (with David Barner at UCSD)
Program: ECR-EHR Core Research, Directorate for Research on Learning
Title: Development of symbolic and non-symbolic representations of exact equality

2023 **John S. McDonnell Subaward from Collaborative Activity** *$40,000*
Principal Investigator
Title: The emergence of modality in language and thought

2022-2023 **CIFAR Foundation Seed Funding** *(total $50,000)*
Co-PI (with Zoe Ngo, Dror Dotan, Caren Walker, Filip van Opstal, Michael Skeide)
Title: Hippocampal streams for rule learning

2019-2022 **DARPA GAILA Grant #HR00111990064** *$351,943 (total $1,384,213)*
Co-PI (with Ellie Pavlick and Carsten Eickhoff at Brown Computer Science)
Program: Grounded Artificial Intelligence Language Acquisition (GAILA)
Title: Cognitively-motivated word learning in embodied virtual agents

2021 **Brown University Salomon Award** *$15,000*
Principal Investigator
Title: The role of grammar and descriptions in referent identification

2016-2018 **McDonnell Foundation Collaborative Activity Award.**
Postdoctoral Researcher
Title: The nature and origins of the human capacity for abstract combinatorial thought

2015-2016 **Mind/Brain/Behavior Interfaculty Initiative Faculty Award.** *$50,000*
Postdoctoral Researcher
Title: The structure of logical representations in language and thought

2010-2011 **Edmond J. Safra Center for Ethics Resident Fellowship.** *$28,000*
Co-PI (with Jennifer Sheehy-Skeffington)
Title: Why peers reject whistleblowers: A social cognitive examination

Awards

2023 Henry Merrit Wriston Fellowship, Brown University
[awarded to outstanding junior faculty; one semester]

2023 Carney Institute Junior Faculty Excellence in Mentoring Award

2023 University of Bath Research Placement of the Year
[as host of internship for undergraduates from U of Bath]

2021 Association for Psychological Science (APS) Rising Star Award

2009-2015	Presidential Scholar, Harvard University
2015	Presidential Scholar Dissertation Completion Fellowship, Harvard University
2014	Norman Anderson Fund Research Award, Harvard University
2013	Society for Research in Child Development, Travel Award
2009-2012	National Science and Engineering Research Council of Canada, Postgraduate Doctoral Scholarship
2010-2011	Non-resident Fellowship, Edmond J. Safra Center for Ethics
2011	Barbara Ditmars Restricted Funds Research Award, Harvard University
2010	Stimson Research Award, Harvard University
2007	National Science and Engineering Research Council of Canada, Undergraduate Student Research Award

Refereed Journal Articles

* = trainee, †= equal contribution

in press Brody, G.*, **Feiman, R.**[†]**,** Aravind, A.[†] (in press). Why do children think words are mutually exclusive? *Psychological Science.*

McGrath, S.*[†], Russin, J.*[†], Pavlick, E., **Feiman, R.** (in press). How can deep learning inform theory in psychological science? *Current Directions in Psychological Science.*

2024 Brody, G.*, **Feiman, R.** (2024). Mapping words to the world: Adults, but not children, understand how mismatching descriptions refer. *Journal of Experimental Psychology: General, 153*(4), 1053-1065. https://doi.org/10.1037/xge0001544

2023 Gomes, V.*, Doherty, R.*, Smits, D.*, Goldin-Meadow, S., Trueswell, J., **Feiman, R.** (2023). It's not just what we don't know: The mapping problem in the acquisition of negation. *Cognitive Psychology, 145.* 101592. DOI: https://doi.org/10.1016/j.cogpsych.2023.101592

Brody, G.*, **Feiman, R.** (2023). Polysemy does not exist, at least not in the relevant sense. *Mind & Language. 39*(2): 179-200. DOI: https://doi.org/10.1111/mila.12474

2022 **Feiman, R.,** Mody, S., Carey, S. (2022). The development of reasoning by exclusion in infancy. *Cognitive Psychology, 135,* 101473. DOI: https://doi.org/10.1016/j.cogpsych.2022.101473

Schneider, R.*, Brockbank, E.*, **Feiman, R.,** Barner, D. (2022). Counting and the ontogenetic origins of exact equality. *Cognition, 218*, 104952. DOI: https://doi.org/10.1016/j.cognition.2021.104952

2021 Meyer, M.-C., **Feiman, R.** (2021). Priming reveals similarities and differences between three purported cases of implicature: Some, number, and free choice disjunctions. *Journal of Memory and Language, 120*, 104206. DOI: https://doi.org/10.1016/j.jml.2020.104206

2020 **Feiman, R.,** Maldonado, M., Snedeker, J. (2020). Priming quantifier scope: Reexamining the evidence against scope inversion. *Glossa: A Journal of General Linguistics, 5*(1), 35. DOI: http://doi.org/10.5334/gjgl.1201

Skordos, D., **Feiman, R.,** Bale, A., Barner, D. (2020). Do children interpret *or* conjunctively? *Journal of Semantics, 37*(2): 247-267. DOI: https://doi.org/10.1093/jos/ffz022

2019 **Feiman, R.,** Hartshorne, J.K., Barner, D. (2019). Contrast and entailment: Abstract logical relations constrain how 2- and 3-year-old children interpret unknown numbers. *Cognition, 183:* 192-207.

2018 Reuter, T., **Feiman, R.,** Snedeker, J. (2018). Getting to no: Pragmatic and semantic factors in two- and three-year-olds' understanding of negation. *Child Development, 89*(4): e364-e381. DOI: 10.1111/cdev.12858

2017 **Feiman, R.,** Mody, S., Sanborn, S., Carey, S. (2017). What do you mean, no? Toddlers' comprehension of logical "no" and "not". *Language Learning and Development, 13*(4): 430-450.

2016 **Feiman, R.,** Snedeker, J. (2016). The logic in language: How *all* quantifiers are alike, but *each* quantifier is different. *Cognitive Psychology, 87:* 29-52.

2015 **Feiman, R.,** Carey, S., Cushman, F. (2015). Infants' representations of others' goals: Representing approach over avoidance. *Cognition, 136:* 204-214.

2008 Susskind, J.M., Lee, D., Cusi, A., **Feiman, R.,** Grabski, W., Anderson, A.K. (2008). Expressing fear enhances sensory acquisition. *Nature Neuroscience, 11:* 843-850.

Refereed Conference Proceedings (6-page papers)

2024 Brody, G.*, Mazalik, P.*, **Feiman, R.** (2024.) Object files encode possible object identities, but not possible locations. *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*.

2023 Traylor, A.*, **Feiman, R.,** Pavlick, E. (2023). Can neural networks learn implicit logic from physical reasoning? *Proceedings of The Eleventh International Conference on Learning Representations (ICLR)*.

2022 Brody, G.*, **Feiman, R.** (2022). Mapping words to the world: Adults prioritize grammar, but children prioritize descriptions. *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*.

2021 Schneider, R.*, **Feiman, R.,** Mendes, M.*, Barner, D. (2021). Pragmatic impacts on children's understanding of exact equality. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society.*

Traylor, A.*, **Feiman, R.,** Pavlick, E. (2021). AND does not mean OR: Using formal languages to study language models' representations. *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics (ACL-IJCNLP).*

Traylor, A.*, Pavlick, E., **Feiman, R.** (2021). Transferring representations of logical connectives. *Proceedings of the 1st Natural Logic meets Machine Learning (NALOMA) workshop.*

Letters and Commentaries

2023 McGrath, S.*†, Russin, J.*†, Pavlick, E., **Feiman, R.** (2023). Properties of LoTs: The footprint or the bear itself? [Peer commentary on "The best game in town: The re-emergence of the Language of Thought Hypothesis across the cognitive sciences" by J. Quilty-Dunn, Porot, N., & Mandelbaum, E.]. *Behavioral and Brain Sciences, 46*: e284. DOI: https://doi.org/10.1017/S0140525X23001863

Feiman, R. (2023). Conflict paradigms cannot reveal competence. [Peer commentary on "Advancing theorizing about fast-and-slow thinking" by W. De Neys]. *Behavioral and Brain Sciences, 46*: e120. DOI: https://doi.org/10.1017/S0140525X22002941

2022 Mandelbaum, E., Dunham, Y., **Feiman, R.,** Firestone, C., Green, E.J., Harris, D.W., Kibbe, M.M., Kurdi, B., Mylopoulos, M., Shepherd, J., Wellwood, A., Porot, N., Quilty-Dunn, J. (2022). Problems and mysteries of the many languages of thought. *Cognitive Science, 46*(12): e13225. [peer reviewed]

Book Chapters

in press McDermott-Hinman, A.*, **Feiman, R.** (in press). The development of negation in language and thought. In F. Blanchette & C. Lukyanenko (Eds.), *Perspectives on negation: Views from across the language sciences.* De Gruyter Mouton.
[Chapter in edited volume, invited, peer reviewed]

Essays

2022 **Feiman, R.** (2022). How to help doctoral applicants write a great statement of purpose. *The Chronicle of Higher Education, 69*(9).

Refereed Conference Talks

2024 McDermott-Hinman, A.*, Garcia, R.*, AnderBois, S., **Feiman, R.** (2024). *Mapping Concepts to Words: A Cross-Linguistic Study on Negation Acquisition.* Crosslinguistic Perspectives on Processing and Learning. Zurich, Switzerland.

Brody, G.*, Mazalik, P.*, **Feiman, R.** (2024). *Object files encode possible object identities, but not possible locations.* Cognitive Science Society. Rotterdam, Netherlands.

Feiman, R. (2024). *Large language models implement conceptual atomism.* Society for Philosophy and Psychology. Purdue University, IN.

2023 Zhu, Y.*, **Feiman, R.** (2023). *Children selectively use "when" and "if" to talk about certain and uncertain possibilities.* Boston University Conference on Language Development. Boston, MA.

McGrath, S.*†, Russin, J.*†, Pavlick, E., **Feiman, R.** (2023). *Can deep learning inform explanation in cognitive science?* Society for Philosophy and Psychology. Pittsburgh, PA.

2022 Brody, G.*, **Feiman, R.**† Aravind, A.† (2022). *2-year-olds derive mutual exclusivity inferences from contrastive focus.* Boston University Conference on Language Development. Boston, MA.

Brody, G.*, **Feiman, R.** (2022). *Mapping words to the world: Adults prioritize grammar, but children prioritize descriptions.* Cognitive Science Society. Toronto, ON, Canada.

Brody, G.*, **Feiman, R.**† Aravind, A.† (2022). *2-year-olds derive mutual exclusivity inferences from contrastive focus.* Experiments in Linguistic Meaning 2. Philadelphia, PA.

Brody, G.*, **Feiman, R.** (2022). *The role of grammar and descriptions in referent identification.* Budapest CEU Conference on Cognitive Development. Held virtually.

2021 Gomes, V.*, Doherty, R.*, Smits, D.*, Goldin-Meadow, S., Trueswell, J. **Feiman, R.** (2021). *Not as hard as it looks? Linguistic, and not conceptual, ability drives negation acquisition.* Boston University Conference on Language Development. Held virtually. [winner of the Paula Menyuk award.]

Dabkowski, M.*, **Feiman, R.** (2021). *Evidence of accurate logical reasoning in online sentence comprehension.* CUNY Conference on Human Sentence Processing. Held virtually.

Schneider, R.*, **Feiman, R.,** Barner, D. (2021). *Not Exactly Fair: Investigating the Relationship Between Symbolic Number Knowledge and Equitable Resource Distribution in Children.* Society for Research on Child Development (SRCD). Held virtually.

2020   Traylor, A.*, Pavlick, E., **Feiman, R.** (2020). *Transferring Representations of Logical Connectives.* Natural Logic Meets Machine Learning (NALOMA). Brandeis University, Waltham, MA.

Feiman, R., Meyer, M.C. (2020). *Implicature mechanisms are shared between Some and Number, but Free Choice Disjunction is different.* Semantics and Linguistic Theory (SALT) 30. Held virtually.

Feiman, R. (2020). *How children learn the meanings of negation words.* Linguistic Society of America meeting. New Orleans, LA.

2019   **Feiman, R.,** Snedeker, J. (2019). *The acquisition of negation: International adoption pulls apart conceptual and linguistic limits on learning.* Plenary symposium at Boston University Conference on Language Development. Boston, MA.

Pozzan, L., **Feiman, R.,** Snedeker, J., Guasti, M.T., Dorn, K., Weinert, S., de Carvalho, A., Trueswell, J. (2019). *Not getting ahead of ourselves: A cross-linguistic investigation of children's understanding of negation.* Boston University Conference on Language Development. Boston, MA.

Traylor, A.*, Pavlick, E., **Feiman, R.** (2019). *Learning Domain-General Reasoning by Exclusion with Neural Networks.* Workshop on Neural + Symbolic Representation & Reasoning at the Conference on Automated Knowledge Base Construction (AKBC). Amherst, MA.

2017   **Feiman, R.,** Carey, S. (2017). *How to study the developmental origins of combinatorial thought.* Preconference Workshop at the Cognitive Development Society. Portland, OR.

2016   **Feiman, R.,** Mody, S., Carey, S. (2016). *The developmental origins of truth-functional negation.* Origins of Logical Reasoning Workshop. York University; Toronto, Canada.

2014   Reuter, T., **Feiman, R.,** Snedeker, J. (2014). *Young children's comprehension of negation.* Boston University Conference on Language Development. Boston, MA.

Feiman, R., Mody, S., Carey, S., Snedeker, J. (2014). *The acquisition of verbal negation: early comprehension and the emergence of a combinatorial language of thought.* Boston University Conference on Language Development. Boston, MA.

Mody, S., **Feiman, R.,** Carey, S. (2014). *The disjunctive syllogism: A case study in logical reasoning in infants and preschoolers.* International Conference on Infant Studies. Berlin, Germany.

Feiman, R., Mody, S., Carey, S. (2014). *Children's understanding of logical "Not" in a disjunctive syllogism task.* Budapest CEU Conference on Cognitive Development. Budapest, Hungary.

2013   Sheehy-Skeffington, J., Goodale, B., **Feiman, R.** (2013). *Why peers reject whistleblowers: The search for a common mechanism.* Law & Society Association. Boston, MA.

Feiman, R., Snedeker, J. (2013). *Priming logical form representations in 4-7 year olds.* Society for Research in Child Development. Seattle, WA.

Feiman, R., Cushman, F., Carey, S. (2013). *14-month-olds use others' emotional expressions to predict their behavior, as long as it's not avoidance behavior.* Society for Research in Child Development. Seattle, WA.

2012   Cushman, F., Greene, J., Carey S., Young, L., Murray, D., **Feiman, R.,** Gordon-McKeon, S., Wharton, S. (2012). *Exploring moral intuitions: A case study of the action/omission distinction.* Society for Philosophy and Psychology. Montreal, Canada.

Refereed Conference Posters

2024   Leahy, B.*, Vivanco, V.*, White, L.*, Cheyette, S., Schulz, L., Tenenbaum, J., **Feiman, R.** (2024). *Society for Philosophy and Psychology.* Purdue University, IN.

McDermott-Hinman, A.*, Zimmerman, S.*, Snedeker, J., **Feiman, R.** (2024). *International adoption separates cognitive development from language knowledge in the acquisition of negation.* Cognitive Development Society. Pasadena, CA.

Leahy, B.*, Vivanco, V.*, White, L.*, Cheyette, S., Schulz, L., Tenenbaum, J., **Feiman, R.** (2024). *Understanding probability, understanding possibility.* Cognitive Development Society. Pasadena, CA.

Johnson, L.*, Smits, D.*, Pavlick, E., **Feiman, R.** (2024). *The structure of ad hoc alternatives.* Experiments in Linguistic Meaning 3. Philadelphia, PA.

Slim, M.*, Barner, D., **Feiman, R.** (2024). *Learning the logic in language: Acquiring the meanings of all, every and each.* Experiments in Linguistic Meaning 3. Philadelphia, PA.

Slim, M.*, **Feiman, R.,** Maldonado, M. (2024). *Priming between universal quantifiers in negated scopally ambiguous sentences.* Experiments in Linguistic Meaning 3. Philadelphia, PA.

2023   Gomes, V.*, Doherty, R.*, Smits, D.*, Goldin-Meadow, S., Trueswell, J. **Feiman, R.** (2023). *It's not just what we don't know: The mapping problem in the acquisition of negation.* Society for Philosophy and Psychology. Pittsburgh, PA.

Brody, G.*, Mazalik, P.*, **Feiman, R.** (2023). *Object files represent possibilities.* Society for Philosophy and Psychology. Pittsburgh, PA.

Traylor, A.*, **Feiman, R.** Pavlick, E. (2023). *Can neural networks learn implicit logic from physical reasoning?* The Eleventh International Conference on Learning Representations (ICLR). Kigali, Rwanda.

2022 Illingworth, C.H.*, Kang, J.W.D.*, Gibbs, H.*, Davidson, K.**, Feiman, R.** (2022). *Negative polarity or negative concord? Some children think 'any' means 'no'.* Boston University Conference on Language Development. Boston, MA. [winner of the Paula Menyuk award.]

Brody, G.*, **Feiman, R.** (2022). *Polysemy does not exist, at least not in the relevant sense.* Society for Philosophy and Psychology. Milan, Italy.

Brody, G.*, **Feiman, R.** (2022). *In reference identification, children rely on descriptions, but adults prioritize grammar.* Cognitive Development Society. Madison, WI.

2021 Traylor, A.*, **Feiman, R.,** Pavlick, E. (2021). *AND does not mean OR: Using Formal Languages to Study Language Models' Representations.* The 59th Annual Meeting of the Association for Computational Linguistics (ACL-IJCNLP) Virtual.

Schneider, R.*, **Feiman, R.,** Mendes, M.*, Barner, D. (2021). *Pragmatic impacts on children's understanding of exact equality.* The 43rd Annual Meeting of the Cognitive Science Society. Virtual.

Dabkowski, M.*, **Feiman, R.,** (2021). *Accurate spontaneous logical reasoning in online sentence comprehension.* Society for Philosophy and Psychology. Virtual.

Schneider, R.*, **Feiman, R.,** Barner, D., (2021). *Semi-numerate children as a model for studying the origins of exact numerical equality.* Budapest CEU Conference on Cognitive Development. Budapest, Hungary.

Oraa Ali, M.*, **Feiman, R.** (2021). *(When) do children know what "each" means?* Budapest CEU Conference on Cognitive Development. Budapest, Hungary.

2020 Lopez, K.*, **Feiman, R.** (2020). *Some alternatives are worth considering: Children who compute scalar implicatures know that "some" means not all, but "dax" doesn't.* Boston University Conference on Language Development. Boston, MA.

Gomez, V., Huh, Y., Goldin-Meadow, S., **Feiman, R.,** Trueswell, J. (2020). *bserving negation: Artificial and naturalistic Human Simulation Paradigms.* Boston University Conference on Language Development. Boston, MA.

Feiman, R., Barner, D. (2020). *How language changes thought: Learning number words supports match-to-sample.* Budapest CEU Conference on Cognitive Development. Budapest, Hungary.

2019   **Feiman, R.,** Snedeker, J. (2019). *The acquisition of negation: International adoption pulls apart conceptual and linguistic limits on learning.* Society for Philosophy and Psychology. San Diego, CA.

Feiman, R., Barner, D. (2019). *Learning number words helps children tell which quantities match.* Society for Philosophy and Psychology. San Diego, CA.

2018   **Feiman, R.,** Barner, D. (2018). *The acquisition of quantifiers: The universality and distributivity of* each. Boston University Conference on Language Development. Boston, MA.

2017   Barner, D., Skordos, D., **Feiman, R.,** Bale, A. (2017). *The trouble with disjunction.* Boston University Conference on Language Development. Boston, MA.

Feiman, R., Barner, D. (2017). *Learning to quantify:* Every *and* all *are easy, but* each *is hard.* Cognitive Development Society. Portland, OR.

2016   **Feiman, R.,** Snedeker, J. (2016). *Priming of quantifier scope resolution reveals differences between each and every one, but similarities across all.* CUNY conference on Human Sentence Processing. Gainesville, FL.

2015   **Feiman, R.,** Snedeker, J. (2015). *Online processing of verbal negation in 2-year-olds.* Cognitive Development Society. Columbus, OH.

Feiman, R., Mody, S., Sanborn, S., Carey, S., Snedeker, J. (2015). *Comprehension of verbal negation in 2-year-olds.* Society for Research in Child Development. Philadelphia, PA.

Feiman, R., Moher, M., Carey, S. (2015). *Infants' abilities to update quantity representations across locations.* Society for Research in Child Development. Philadelphia, PA.

Mody, S. **Feiman, R.,** Carey, S. (2015). *The emergence of domain-general reasoning by exclusion.* Society for Research in Child Development. Philadelphia, PA.

2014   **Feiman, R.,** Mody, S., Carey, S. (2014). *The development of propositional thought: Logical schemas and operators as case study.* Society for Philosophy and Psychology. Vancouver, Canada.

Brookhyser, T. **Feiman, R.,** Snedeker, J. (2014). *Young children's comprehension of negation.* CUNY conference on Human Sentence Processing. Columbus, OH.

2013   Mody, S. **Feiman, R.,** Carey, S. (2013). *Seventeen-month-olds reason by exclusion when searching.* Cognitive Development Society. Memphis, TN.

2012   **Feiman, R.,** Aiello, C., Snedeker, J. (2012). *Picture priming of logical form generalizes across nouns, but not across verbs.* CUNY Conference on Human Sentence Processing. New York, NY.

2011 **Feiman, R.,** Cushman, F., Carey, S. (2011). *Infants fail to represent a negative goal, but not a negative event.* Society for Research in Child Development. Montreal, Canada.

Invited Talks

2024 University of Pennsylvania, Integrated Language Science and Technology series, Nov. 15, 2024

Harvard University, Language and Cognition series, Oct. 22, 2024

Brown University, Provost's panel on AI and intelligence. Oct. 8, 2024

University of Waterloo, Developmental Area Seminar, Sep. 11, 2024

Dartmouth College, Summer Workshop on Artificial Intelligence, Language, and Cognition, Aug. 13-14, 2024

Rutgers University, Cognitive Science (RuCCS) Colloquium, Apr. 23, 2024

University of Maryland, Cognitive Science Colloquium, Mar. 14, 2024

Stanford University, Causality in Cognition Lab, Mar. 7, 2024

University of Stirling, UK, ARED Workshop III: Propositional Thought and Truth-Functional Reasoning. Feb. 2, 2024

2023 Boston College, NSF REU Program. June 28, 2023

Brown University, Carney Institute Lunch Talk. April 27, 2023

Northeastern University, Cognitive Area. April 20, 2023

2022 Brown University, Computer Science Department. Invited panelist at symposium on Compositionality in Humans and Machines, Oct. 13, 2022

University of Wisconsin, Madison, Cognition and Development Series, Apr. 20, 2022

Harvard University, Cognition, Brain and Behavior Research Seminar, Mar. 24, 2022

2021 UC San Diego, Language and Development Lab, Apr. 9, 2021

University of Pennsylvania, Experimental Study of Meaning Lab, Apr. 2, 2021

Stanford University, Social Learning Lab, Feb. 12, 2021

2020 UC San Diego, Language and Development Lab, May 22, 2020

Harvard University, Language and Cognition series, Mar. 3, 2020

2019 University of Toronto, Developmental seminar, Oct. 25, 2019

Stanford University, McDonnell focused workshop on relational reasoning, Jul. 5-6

2018 Brown University, CLPS, Michael S. Goodman Memorial Colloquium, Jan. 21

2017 Yale University, Current Work in Developmental Psychology series, Nov. 8

San Diego McDonnell plenary workshop on propositional thought, Jun. 12-13

Budapest McDonnell planning workshop on the development of negation, Jan. 9-10

2016   NSF Advisory Panel on the development of number, Cambridge, MA. Nov. 7

NYU, Psychology Department Colloquium, Nov. 17

2015   École Normale Supérieure, Paris, Linguae Group, Dec. 5

École Normale Supérieure, Paris, Experimental Philosophy Group, Dec. 3

MIT, Computational Cognitive Science Lab, Nov. 4

2014   Boston University, Child Cognition Lab, Nov. 20

Stanford University, Language and Cognition series, Sep. 25

UC Berkeley, Language and Development Lab, Sep. 23

MIT, Linguistics Lunch, Sep. 9

MIT, Logical Form Reading Group, Apr. 28

2011   Harvard Medical School, Project in Psychiatry and The Law, May. 18

Teaching

Brown University

CLPS 0800. Language and the Mind.
Spring 2024: 72 students.

CLPS 1860. Logic in Language and Thought.
Fall 2023: 18 students; Fall, 2020; 5 students (on zoom); Spring 2019: 10 students

CLPS 1660. Learning Compositional Language.
Fall 2021: 14 students; Fall 2019: 9 students

CLPS 1850/CSCI 1952I. Language Processing in Humans and Machines. *(Co-taught with Prof. Ellie Pavlick in Computer Science)*
Spring 2023: 48 students; Spring 2021: 55 students; Spring 2020: 41 students

CLPS 1800. Language Processing.
Fall 2018: 17 students

Summer Schools

2024   **CreteLing 2024, Rethymno, Greece**
Language acquisition (co-taught with Athulya Aravind)

2023   **CreteLing 2023, Rethymno, Greece**
The development of negation in language and thought

Previous

2013   **Harvard University, Head Teaching Fellow**
Psychological Science. Introductory level psychology course

2012	**Harvard University, Teaching Fellow**
	Psychological Science. Introductory level psychology course
2011	**Harvard University, Instructor**
	Sophomore Tutorial in Psychology
2009	**University of Waterloo, Teaching Assistant**
	Introduction to Developmental Psychology
	University of Waterloo, Teaching Assistant
	Introduction to Cognitive Psychology
	Guest lecturer on psychology of language

Mentoring and Advising

Postdoctoral Scholars

2020-present	Gabor Brody, PhD from Central European University
2023-2024	Brian Leahy, PhDs from Harvard University (Psychology) and University of Connecticut (Philosophy) (co-advised with Josh Tenenbaum at MIT)

Graduate Students

2023-present	Laila Johnston (PhD student in Cognitive Science)
2021-present	Annika McDermott-Hinman (PhD student in Cognitive Science)
2021-present	Yanwan Zhu (PhD student in Cognitive Science)
2019-2024	Aaron Traylor (PhD student in Computer Science; co-advised with Ellie Pavlick)
2022-2024	Sam McGrath (MA student in Cognitive Science; concurrent PhD in Philosophy advised by Richard Heck)
2019-2021	Misha Oraa Ali (MA in Cognitive Science)

Visiting Graduate Students

2025, Fall	Lucie Walzová (PhD student in Developmental and Child Psychology @ Univerzita Karlova, Czech Republic)
2024, Spring	Letizia Raminelli (PhD student in Linguistics @ University of Milano-Bicocca, Italy)

Undergraduate Honors Theses

2023-present	Alyssa Loo (Thesis in Computer Science; co-advised with Ellie Pavlick)
2023-present	Ariel Stein (Thesis in Linguistics)
2023-present	Ciara Broomfield (Thesis in Psychology, University of Bath)

2023-present	Peri Clayton (Thesis in Psychology, University of Bath)
2022-2023	Caitlin Illingworth (Thesis in Psychology, University of Bath)
2021-2022	Daniel Smits (Thesis in Computer Science; co-advised with Ellie Pavlick)
2020-2021	Rebecca Doherty (Thesis in Psychology, University of Bath)
2019-2020	Kelsie Lopez (Thesis in Psychology; Premium [award] in psychology)
2019-2020	Jee Won Diane Kang (Thesis in Psychology; Premium [award] in psychology)

Previous

2011-2016	**Resident Tutor.** *Harvard University, Cabot House.* Primary academic advisor to 8 sophomores per year. Academic and residential advisor to the residents of Cabot House, 1/12th of Harvard's undergraduate student body
2011-2015	**Psychology Concentration Advisor.** *Harvard University.* Primary academic advisor for 20-30 undergraduate psychology concentrators (majors) per year

Service

Departmental and University

2020-present	Creator & Manager of the Brown Developmental Labs participant database
2020-present	Diversity and Inclusion Committee, Community Outreach Subcommittee (chair)
2023-present	Sophomore Advisor
2022-2023	Faculty Search Committee in Cognitive Psychology
2019-2023	Psychology Concentration Advisor
2018-2022	Organizer for LingLangLunch Brownbag series
2019, 2021	Eimas Award Selection Committee
2018-2020	Climate Committee
2018-2019	Linguistics Sc.B. Curriculum Design Committee

Professional

Leadership

2023-present	Society for Philosophy and Psychology: Secretary-Treasurer
2022-2025	Society for Philosophy and Psychology: Executive Committee Member, Diversity Committee Member
2020-2023	Semantics and Linguistic Theory: Steering Committee

Membership

Association for Psychological Science

Linguistic Society of America

Society for Philosophy and Psychology

Cognitive Development Society

Cognitive Science Society

Conference Organization

2023   NSF-funded Workshop on Equality & Exact Number (w/ David Barner)

2022   McDonnell Network Workshop on the processing of logical entailment (w/ Thomas Icard)

2021-2022   Meeting of the Society for Philosophy and Psychology (SPP 2022), Milan, IT (w/ Chaz Firestone, Shannon Spaulding, Maria Spychalska, Eva Rafetseder, and Adrian Alsmith)

2020-2021   Semantics and Linguistic Theory (SALT 31), virtual (w/ Polly Jacobson and Scott AnderBois)

2017   Cognitive Development Society (CDS) pre-conference workshop, *The Ontogenetic Origin of Abstract Combinatorial Thought* (w/ Susan Carey, Dedre Gentner, and Susan Hespos)

Grant Reviewing

2023   Reviewer for Fulbright-Nehru Doctoral Research Fellowships in Psychology

2021   NSF Review Panel

2020, 2024   Ad Hoc Review for NSF Panel

2024   Ad Hoc Review for ERC (European Research Council) Horizon Grant

Ad Hoc Reviewer: Journals

Acta Psychologica, Applied Psycholinguistics, Child Development, Cognition, Cognitive Science, Cognitive Development, Collabra: Psychology, Developmental Psychology, Developmental Science, Disputatio, Frontiers in Psychology, Glossa, Infant and Child Development, Journal of Experimental Child Psychology, Journal of Experimental Psychology: General, Journal of Semantics, Language, Language Learning and Development, Lingua, Philosophers' Imprint, Proceedings of the National Academy of Sciences, Psychological Science, Psychological Review

Ad Hoc Reviewer: Conferences

Cognitive Science Society, CUNY Conference on Human Sentence Processing, Experiments in Linguistic Meaning, Semantic and Linguistic Theory, Society for Philosophy and Psychology, Society for Research in Child Development, Budapest CEU Conference on Cognitive Development