

MELISSA KLINE STRUHL

Hello!

I am Melissa Kline Struhl and this is my CV.



EDUCATION

2015
|
2009

- **PhD, Brain & Cognitive Science**
Massachusetts Institute of Technology
 - Committee: Laura Schulz; Ted Gibson; Jesse Snedeker; Josh Tenenbaum
 - Thesis title: Who did what to whom: Developmental perspectives on the meaning and communication of transitive events
- **Sc.B. in Cognitive Science**
Brown University
 - Advisor: Katherine Demuth
 - Thesis title: Syntactic generalization with novel intransitive verbs: Who is pilking?



EMPLOYMENT

2021
|
2019

- **Research Scientist (Supervisor: Tim Errington)**
Center for Open Science
- **Postdoctoral Associate (PI: Joshua Tenenbaum)**
MIT Brain & Cognitive Sciences
- **Senior Teaching Fellow (Supervisor: Jesse Snedeker)**
Harvard Extension School, Department of Psychology
- **Postdoctoral Associate (PI: Evelina Fedorenko)**
MIT Brain & Cognitive Sciences
- **Postdoctoral Fellow (PI: Jesse Snedeker)**
Harvard University, Department of Psychology
- **Executive Director**
Lookit, MIT Brain & Cognitive Sciences



PUBLISHED ARTICLES

2006
|
2021

- Demuth, K., & Kline, M. (2006). The distribution of passives in spoken Sesotho. *Southern African Linguistics and Applied Language Studies*, 24(3), 377–388. doi:10.2989/16073610609486426

CONTACT INFO

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⌚ mekline
🐦 melissaekline
🌐 www.melissaklinestruhl.com

SKILLS

MKS skill list goes here

This resume was made with the R package [pagedown](#).

Last updated on 2021-12-30.

- 2017
- Frank, M. C., Bergelson, E., Bergmann, C., Cristia, A., Floccia, C., Gervain, J., ... Yurovsky, D. (2017). A Collaborative Approach to Infant Research: Promoting Reproducibility, Best Practices, and Theory-Building. *Infancy*, 22(4), 421–435. doi:[10.1111/inf.12182](https://doi.org/10.1111/inf.12182)
- 2010
- Kline, M., & Demuth, K. (2010). Factors Facilitating Implicit Learning: The Case of the Sesotho Passive. *Language Acquisition*, 17(4), 220–234. doi:[10.1080/10489223.2010.509268](https://doi.org/10.1080/10489223.2010.509268)
- 2010
- Kline, M., & Demuth, K. (2010). Factors Facilitating Implicit Learning: The Case of the Sesotho Passive. *Language Acquisition*, 17(4), 220–234. doi:[10.1080/10489223.2010.509268](https://doi.org/10.1080/10489223.2010.509268)
- 2017
- Kline, M., Schulz, L., & Gibson, E. (2017). Partial Truths: Adults Choose to Mention Agents and Patients in Proportion to Informativity, Even If It Doesn't Fully Disambiguate the Message. *Open Mind*, 2(1), 1–13. doi:[10.1162/opmi_a_00013](https://doi.org/10.1162/opmi_a_00013)
- 2016
- Kline, M., Snedeker, J., & Schulz, L. (2016). Linking Language and Events: Spatiotemporal Cues Drive Children's Expectations About the Meanings of Novel Transitive Verbs. *Language Learning and Development*, 13(1), 1–23. doi:[10.1080/15475441.2016.1171771](https://doi.org/10.1080/15475441.2016.1171771)
- 2020
- Byers-Heinlein, K., Bergmann, C., Davies, C., Frank, M. C., Hamlin, J. K., Kline, M., ... Soderstrom, M. (2020). Building a collaborative psychological science: Lessons learned from ManyBabies 1. *Canadian Psychology/Psychologie Canadienne*, 61(4), 349–363. doi:[10.1037/cap0000216](https://doi.org/10.1037/cap0000216)



OTHER MANUSCRIPTS

- LanA (Language Atlas): A probabilistic atlas for the language network based on fMRI**
NA
 - Affourtit, J...Kline Struhl, M,...Fedorenko, E. (Under Review). LanA (Language Atlas): A probabilistic atlas for the language network based on fMRI.
- Understanding jokes relies on the Theory of Mind system**
NA
 - Kline Struhl, M., Galleé, J., Balewski, Z., & Fedorenko, E. (Under Review). Understanding jokes relies on the Theory of Mind system.
- Systematizing Confidence in Open Research and Evidence (SCORE)**
NA
 - Alipourfard, N., Arendt, B., ... Kline Struhl, M., ... Wu, J. (Preprint). Systematizing Confidence in Open Research and Evidence (SCORE).

	<ul style="list-style-type: none"> ● Replicability, Robustness, and Reproducibility in Psychological Science NA <ul style="list-style-type: none"> • Nosek, B. A., Hardwicke, T. E., Moshontz, H., Allard, A., Corker, K. S., Dreber, A., Fidler, F., Hilgard, J., Kline Struhl, M., Nuijten, M., Roher, J., Romero, F., Scheel, A., Scherer, L., Schönbrodt, F. & Vazire, S. (In Press). Replicability, Robustness, and Reproducibility in Psychological Science. Annual Review of Psychology.
● Word order patterns in gesture are sensitive to modality-specific production constraints	NA <ul style="list-style-type: none"> • Kline, M., Salinas, M., Lim, E., Fedorenko, E., & Gibson, E. Word order patterns in gesture are sensitive to modality-specific production constraints
● Young children choose informative referring expressions to describe the agents and patients of transitive events	NA <ul style="list-style-type: none"> • Kline, M., Gibson, E. & Schulz, L. Young children choose informative referring expressions to describe the agents and patients of transitive events
2018	<ul style="list-style-type: none"> ● ManyBabies 1: Secondary analysis of 'lab factors' and fuss-out rates NA <ul style="list-style-type: none"> • Kline, M. & members of the ManyBabies Consortium (2018) ManyBabies 1: Secondary analysis of 'lab factors' and fuss-out rates
2016	<ul style="list-style-type: none"> ● MannerPathPriming - Testing generalization of event semantics across domains NA <ul style="list-style-type: none"> • Kline, M., Geojo, A., de Rechteren van Hemert, A., & Snedeker, J. (2016) MannerPathPriming - Testing generalization of event semantics across domains
2016	<ul style="list-style-type: none"> ● NA NA <ul style="list-style-type: none"> • Wittenberg, E., Kline, M. & Hartshorne, J. (2016) Learning to talk about events: Grounding language acquisition in intuitive theories and event cognition. Proceedings of the Thirty- Eighth Annual Conference3 of the Cognitive Science Society
2015	<ul style="list-style-type: none"> ● NA NA <ul style="list-style-type: none"> • Kline, M., Snedeker, J. (2015). 2-year-olds use syntax to infer actor intentions in a rational- action paradigm. Proceedings of the Thirty- Seventh Annual Conference of the Cognitive Science Society.

- 2013 ● NA
NA
- Kline, M., Muentener, P. & Schulz, L.E. (2013). Transitive and periphrastic sentences affect memory for simple causal scenes. Proceedings of the Thirty-Fifth Annual Conference of the Cognitive Science Society.
- 2011 ● NA
NA
- Kline, M., Snedeker, J., & Schulz, L.E. (2011). Children's comprehension and production of transitive sentences is sensitive to the causal structure of events. Proceedings of the Thirty-Third Annual Conference of the Cognitive Science Society.

CONFERENCE POSTERS & PRESENTATIONS

- 2018 ● NA
NA
- Kline, M. (2018). ManyBabies - Using larg(er) experimental datasets for methodological and theoretical questions. Society for Research on Child Development, Special Meeting on Secondary Data in Developmental Science. Phoenix, AZ.
 - Kline, M. and the ManyBabies Consortium. (2018). Analysis of "fussout effects" in the ManyBabies1 dataset. 21st Biennial Congress of the International Congress of Infant Studies, Philadelphia, PA.
- 2018 ● NA
NA
- Kline, M. (2018). Machine-readable, human-friendly data standardization for psychological science. Lightening talk & Hackathon. Third meeting of the Society for the Improvement of Psychological Sciences, Grand Rapids, MI.
- 2018 ● NA
NA
- Kline, M. & Snedeker, J. (2018). How are events represented for language? Eighth annual meeting of the Budapest CEU Conference on Cognitive Development, Budapest, Hungary.
- 2017 ● NA
NA
- Kline, M. & Snedeker, J. (2017) Do children appreciate parallels in means/ends event structure across semantic fields? 2017 Biennial Meeting of the Society for Research on Child Development, Austin, TX.

- 2017 ● NA
NA
• Kline, M. (2017). We need an open database for psychological stimuli (all of them) - Lightening talk & Hackathon. Second meeting of the Society for the Improvement of Psychological Sciences, Charlottesville, VA.
- 2017 ● NA
NA
• Kline, M. (2017). Language, Space & Time. Workshop on Cognitive Universals, CUNY Sentence Processing Conference, 2017
- 2016 ● NA
NA
• Kline, M. (2016) Which semantic primitives and why those ones? Workshop talk, Learning to Talk About Events, 38th Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- 2015 ● NA
NA
• Kline, M., Snedeker, J. (2015). 2-year-olds use syntax to infer actor intentions in a rational-action paradigm. 37th Annual Conference of the Cognitive Science Society, Pasadena, CA
- 2013 ● NA
NA
• Kline, M., Muentener, P. & Schulz, L.E. (2013). Transitive and periphrastic sentences affect memory for simple causal scenes. 35th Annual Conference of the Cognitive Science Society, Berlin, Germany.
- 2013 ● NA
NA
• Kline, M., Snedeker, J. & Schulz, L.E. (2013) Representations of causality in verb learning. 2013 Biennial Meeting of the Society for Research on Child Development, Seattle, WA.
- 2011 ● NA
NA
• Kline, M., Snedeker, J., & Schulz, L.E. (2011). Preschoolers prefer to map novel transitive verbs to events with spatiotemporal features that mark causation. 36th Annual Boston University Conference on Language Development, Boston, MA.
- 2011 ● NA
NA
• Kline, M., Snedeker, J., & Schulz, L.E. (2011). Children's comprehension and production of transitive sentences is sensitive to the causal structure of events. 33rd Annual Conference of the Cognitive Science Society, Boston, MA.

2008	● NA NA • Kline, M. & Demuth, K. (2008). Syntactic generalization with novel intransitive verbs: Who is pilking? 33rd Annual Boston University Conference on Language Development, Boston, MA.
2008	● NA NA • Kline, M. & Demuth, K. (2008). Frequency and structural priming in the input: Implications for learning the passive. Generative Approaches to Language Acquisition North America (GALANA) 3, Storrs, CT.
2006	● NA NA • Kline, M. & Demuth, K. (2006). Learning passives from the input: Evidence from Sesotho. 2nd Bantu Acquisition Workshop, Northampton, MA.
2015	● NA NA • Mahowald, K., Kline, M., Fedorenko, E. & Gibson, T. (2015). Informativity and efficient compression of sentences. Annual CUNY Conference on Human Sentence Processing, CUNY 2015. Los Angeles, CA
2014	● NA NA • Kline, M., Snedeker, J. (2014) Daxing my toy or Daxing TO my toy? Two-year-olds use syntax to override rational imitation effects. 39th Annual Boston University Conference on Language Development, Boston, MA.
2011	● NA NA • Friel, D., Kline, M., Seed, A., & Schulz, L. (2011). It's okay to judge a block by its color: Toddlers' use of symbolic and intrinsic cues to objects' causal powers. Seventh Biennial Meeting of the Cognitive Development Society, Philadelphia, PA.

AWARDS

2015	● Harvard University Foundations of Human Behavior Grant (\$40,000) NA
2014 2012	● NSF SBE Doctoral Dissertation Research Improvement Grant (Project title: Causal Representations in Children's Transitive Sentences; \$12,000) NA

- 2014 |
2011
● NSF Graduate Student Fellowship
NA
- 2011 |
2010
● Norman B. Leventhal Fellowship
NA
- 2010 |
2009
● Singleton Graduate Fellowship
NA

TEACHING

- 2018
● Human Development (Graduate/Undergraduate level, Senior Teaching Fellow)
Harvard Extension School
- 2013
● Science of Living Systems 20/Introduction to Psychological Science(Teaching Fellow)
Harvard University
- 2014 |
2013
● Project consultant for 'Special Topics' independent research students
MIT
- 2012 |
2011
● Graduate Student Teaching Certificate Program
MIT
- 2011
● Infant & Early Childhood Cognition, Fall 2011 (Teaching Assistant)
NA
- 2011
● Laboratory in Higher-Level Cognition, Spring 2011 (Teaching Assistant)
NA
- 2006
● Models of Computation, Brown University (Teaching Assistant)
NA
- 2009 |
2008
● After-school science educator (AmeriCorps, Providence Children's Museum)
NA
- Supervisor for 4 masters' students, 10 full time and 34 part time/semester undergraduate research assistants, including one senior thesis supervision.
NA

SERVICE	
2021 2018	● Executive Committee, Society for the Improvement of Psychological Science NA
2017	● Governing Board, ManyBabies NA
2016	● Organizing committee, CUNY Sentence Processing Conference NA
2011 2010	● Co-Chair, Events in Language & Cognition Workshop NA
	● CogLunch coordinator NA
	● Reviewer for Autism Research, Collabra: Psychology, Cognitive Science, Developmental Science, Infant Behavior & Development, Journal of Child Language, Journal of Experimental Psychology, Language Cognition & Neuroscience, Language Learning and Development, Semantics and Pragmatics (Journals); Society for Research in Child Development, Cognitive Science, CUNY Sentence Processing Conference (Conferences) NA
2021	● Invited participant, 9.S914 Tools for Robust Science MIT
2016	● Co-Organizer, Learning to Talk About Events Workshop NA