

Curriculum Vitae

Elika Bergelson

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Education & Research Positions Held

- 2018-** Crandall Family Assistant Professor
2018- Secondary Appointment, Linguistics Program
2016- Assistant Professor, Duke University
Psychology and Neuroscience Department
Center for Cognitive Neuroscience, Duke University
Center for Developmental Science, Carolina Consortium on Human Development
- 2014-16** Research Assistant Professor, University of Rochester,
Department of Brain & Cognitive Sciences; Center for Language Sciences
- 2013-14** Postdoctoral Researcher, University of Rochester, Center for Language Sciences,
Department of Brain & Cognitive Sciences
Sponsor: Dr. Richard Aslin
- 2008-13** Ph.D., University of Pennsylvania, Psychology Department
Dissertation: “Word Learning in 6-16 Month Old Infants”
Committee: Drs. Dan Swingley (Advisor), John Trueswell, and Delphine Dahan
- 2008-09** M.A., University of Pennsylvania, Psychology Department
Committee: Drs. Dan Swingley (Advisor), Lila Gleitman, Robert Seyfarth
- 2007-08** Baggett Research Fellow, University of Maryland, Linguistics Department
Advisors: Drs. Jeff Lidz, William Idsardi, David Poeppel
- 2003-07** B.A., *Summa Cum Laude*, New York University, Majors: Language & Mind, Music
Honors Thesis: “The Roles of Language and Music in Infant Pattern Abstraction”

Advisors: Drs. Gary Marcus, Scott Johnson

Research Interests

- Development of the link between word-form and meaning in infancy
- Language development in populations with sensory impairment
- Learning mechanisms and representations in first language acquisition
- Parallels in representation and processing of language and music
- Effects of word comprehension and production on visual search

Research Grants: Current

Federal:

- 2019-2024** NSF CAREER Award (\$296k Direct Costs)
PI. *Career: Understanding Early Language: Evidence from Blind Infants & Deaf Infants*
- 2017-2020** Trans-Atlantic Platform Digging into Data Challenge (NEH; \$200,000 USD)
U.S. PI. *Analyzing Child Language Experiences Around the World (ACLEW)*
(8 Co-PIs in 6 countries, NEH is U.S. partner; ~\$1,000,000 total budget).
- 2014-2019 (NCE to 2020)** NIH Early Independence Award (\$1,250,000)

PI. *Mechanisms of Word Learning in Infancy*

Intramural:

- 2019-2020** Duke Institute for Brain Science Incubator Award (\$100,000 USD)
Co-I (PI: Sommer) *Computational Links between Vision and Language Perception*
- 2018-2019** Duke Institute for Brain Science Incubator Award (\$100,000 USD)
PI. *Early Language Development in the Visually Impaired (ELDIVI)*
- 2018-2019** Duke ABC-Thrive Pilot Funding (\$30,000 USD)
PI. *Early Language Acquisition with Sensory Impairment (ELASI)*

Trainee Fellowship Sponsoring Scientist for Federal Awards

- SSRHC (Canadian NSF-GRFP Equivalent): Moore (2017-)
NSF GRFP: Campbell (2019-)
NIH F32 RSA Postdoc Fellowship: Meylan (2019-), Bulgarelli (2019-)

Research Grants: Completed (or Declined due to Overlap)

- 2014** NIH National Research Service Award (8th Percentile; declined for NIH-EIA)
- 2013-2014** NIH Postdoctoral Fellowship, Center for Language Sciences (\$40,000)
- 2010-2013** NSF Graduate Research Fellowship (\$90,000)
- 2008-2010** NSF IGERT Traineeship in Language and Comm. Science (\$60,000)
- 2005-2007** Dean's Undergraduate Research Fund at New York University (\$1,500)

Honors and Awards

- 2020** Distinguished Early Career Award, International Society for Infant Studies
- 2019** Early Research Career Prize for Best Article, Developmental Science
- 2019** Early Career Award, Cognitive Development Society
- 2018** Crandall Family Professorship, Duke Bass Connections & Provost's Office
- 2015** Rising Star, Association for Psychological Science
- 2015** Forbes Magazine 30 under 30 in Science
- 2014** Best Dissertation, International Society for Infant Studies, \$1,500
- 2013** U. Pennsylvania's President Gutmann Leadership Award, \$1,000
- 2012** 60 Second Lecture Audience Choice Award, Arts & Sciences, U. Pennsylvania
- 2012** Women in Cognitive Science Award, \$1,000
- 2012** Society for Language Development Student Award
- 2010,12** Travel Award, Boston University Conference on Language Development
- 2010,12,13** Travel Award, Psychology Department, University of Pennsylvania
- 2010** Travel Award, International Conference on Music Cognition and Perception
- 2010,12,13** Travel Award, School of Arts and Sciences, University of Pennsylvania
- 2008** Travel Award, Graduate & Professional Student Association, U. of Pennsylvania
- 2007** Dept. Research Award, from NYU College of Arts and Science Psychology Dept.
- 2006** Phi Beta Kappa Inductee
- 2005** Gustave Reese Prize in Music, from NYU College of Arts & Science Music Dept.

2003-07 Presidential Honors Scholar (2003-2007)

Publications (*= joint 1st author, + = current or former mentee)

Manuscripts Under Review

Bergelson, E., Soderstrom, M., Schwarz, I.C., Rowland, C., Ramirez-Esparza, N., Rague Hamrick, L., Marklund, E., Kalashnikova, M., Guez, A., Casillas, M., Benetti, L., van Alphen, P., Cristia, A. (submitted). Everyday language input and production in 1000 children from 6 continents.

Bunce, J., Soderstrom, M., **Bergelson, E.**, Rosemberg, C., Stein, A., Alam, F., Migdalek, M., Casillas, M. (under review). A cross-cultural examination of young children's everyday language experiences. *Child Development*.

+Bulgarelli, F. & **Bergelson, E.** (under review). Talker variability shapes early word representations in 8-month-olds. *Infancy*.

Cychosz, M., Cristia, A., **Bergelson, E.**, Casillas, M., +Baudet, G., Warlaumont, A., Scaff, C., Yankowitz, L., Seidl, A. (invited revision). Canonical babble development in a large scale crosslinguistic corpus. *Developmental Science*.

+Dailey, S. & **Bergelson, E.** (Stage 1 Registered Report; in principle acceptance). Language input to infants of different socioeconomic statuses: a quantitative meta-analysis. *Developmental Science*.

Published Peer-Reviewed Journal Articles

*Sheskin, M., *Scott, K., Mills, C. M., **Bergelson, E.**, Bonawitz, E., Spelke, E. S., Fei-Fei, L., Keil, F. C., Gweon, H., Tenenbaum, J. B., Jara-Ettinger, J., Adolph, K. E., Rhodes, M., Frank, M. C., Mehr, S. A., & Schulz, L. (2020). Online Developmental Science to Foster Innovation, Access, and Impact. *Trends in cognitive sciences*, 24(9), 675–678. <https://doi.org/10.1016/j.tics.2020.06.004>

Bergelson, E. (2020). Why do older infants understand words better? Leveraging lab studies and home recordings to build and test theories of early word comprehension. *Child Development Perspectives*. 14(3), 142-149. <https://doi.org/10.1111/cdep.12373>

Cristia, A., Lavechin, M., Scaff, C., Soderstrom, M., Rowland, C., Räsänen, O., Bunce, J., **Bergelson, E.** (2020). A thorough evaluation of the Language Environment Analysis (LENA) system. *Behavior Research Methods*. <https://doi.org/10.3758/s13428-020-01393-5>

+Laing, C. & **Bergelson, E.** (2020). From babble to words: Infants' early productions match words and objects in their environment. *Cognitive Psychology*, 122, 101308. <https://doi.org/10.1016/j.cogpsych.2020.101308>

+*Garrison, H., +*Baudet, G., +Breitfeld, E., +Aberman, A., **Bergelson, E.** (2020). Familiarity Plays a Small Role in Noun Comprehension at 12-18 months. *Infancy*, 25(4), 458–477. <https://doi.org/10.1111/infa.12333>

Cristia, A., +Bulgarelli, F., **Bergelson, E.** (2020). Systematic review of LENA evaluations. *Journal of Speech, Language, and Hearing Research*, 63(4), 1093-1105. https://doi.org/10.1044/2020_JSLHR-19-00017

- ManyBabies Consortium, Quantifying Sources of Variability in Infancy Research Using the Infant-Directed-Speech Preference. (2020). *Advances in Methods and Practices in Psychological Science*. <https://doi.org/10.1177/2515245919900809>
- Räsänen, O., Seshadri, S., Karaday, J., Riebling, E., Bunce, J., Cristia, A., Metze, F., Casillas, M., Rosemberg, C., **Bergelson, E.**, Soderstrom, M. (2019). Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech. *Speech Communication*, 113, 63-80. <https://doi.org/10.1016/j.specom.2019.08.005>.
- +Bulgarelli, F. & **Bergelson, E.** (2020) Look who's talking: A comparison of automated and human-generated speaker tags in naturalistic daylong recordings. *Behavior Research Methods*, 52(2), 641–653. <https://doi.org/10.3758/s13428-019-01265-7>
- +*Moore, C., +*Dailey, S., +Amatuni, A., +Garrison, H., & **Bergelson E.** (2019). Point Walk Talk: Links between Three Early Milestones, from Observation and Parental Report. *Developmental Psychology*, 55(8), 1579–1593. <https://doi.org/10.1037/dev0000738>
- ***Bergelson, E.**, *Casillas, M., Soderstrom, M., Seidl, A., Warlaumont, A., +Amatuni, A. (2019). What do North American Babies Hear? A large scale cross-corpus analysis. *Developmental Science*, 22(1), e12724. <https://doi.org/10.1111/desc.12724>
- +Laing, C., & **Bergelson, E.** (2019). The Effect of Mothers' Working Schedules on 17-month-olds' Productive Vocabulary. *Infancy*, 24(1), 101–109. <https://doi.org/10.1111/infa.12265>
- Bergelson E.**, +Amatuni, A., +Dailey, S., +Koorathota, S., +Tor, S. (2019). Day by Day, Hour by Hour: Naturalistic Language Input to Infants. *Developmental Science*, 22(1), e12715. <https://doi.org/10.1111/desc.12715>
- (received Early Research Prize from Developmental Science for Best Paper in 2019)**
- Bergelson, E.**, & Aslin, R. N. (2017). Nature and origins of the lexicon in 6-month-olds. *Proceedings of the National Academy of Sciences*, 114(49), 12916–12921. <https://doi.org/10.1073/pnas.1712966114>
- Bergelson, E.**, & Swingle, D. (2018). Young infants' word comprehension given an unfamiliar talker or altered pronunciations. *Child Development*, 89(5), 1567–1576. <https://doi.org/10.1111/cdev.12888>
- Bergelson, E.**, & Aslin, R. (2017). Semantic specificity in one-year-olds' word comprehension. *Language Learning and Development*, 13(4), 481–501. <https://doi.org/10.1080/15475441.2017.1324308>
- Frank, M., **Bergelson, E.**, Bergmann, C., Cristia, A., Floccia, C., Gervain, J., Hamlin, J., Hannon, E., Kline, M., Levelt, C., Lew-Williams, C., Nazzi, T., Panneton, R., Rabagliati, H., Soderstrom, M., Sullivan, J., Waxman, S., Yurovsky, D. (2017). A collaborative approach to infant research: Promoting reproducibility, best practices, and theory building. *Infancy*, 22(4), 421–435. <https://doi.org/10.1111/infa.12182>
- VanDam, M., Warlaumont, A., **Bergelson, E.**, Cristia, A., Soderstrom, M., De Palma, P., & MacWhinney, B. (2016). HomeBank, an online repository of daylong child-centered audio recordings. *Seminars in Speech and Language*, 37(2), 128–142. <https://doi.org/10.1055/s-0036-1580745>

- Bergelson, E., & Swingle, D. (2015).** Early Word Comprehension in Infants: Replication and Extension. *Language Learning and Development*, 11(4), 369–380.
<https://doi.org/10.1080/15475441.2014.979387>
- Bergelson, E., Shvartsman, M., & Idsardi, W. (2013).** Differences in Mismatch Responses to Vowels and Musical Intervals: MEG Evidence. *PloS One*, 8(10), e76758.
<https://doi.org/10.1371/journal.pone.0076758>
- Bergelson, E., & Swingle, D. (2013).** Young Toddlers' Word Comprehension is Flexible and Efficient. *PloS One*, 8(8), e73359. <https://doi.org/10.1371/journal.pone.0073359>
- Bergelson, E., & Swingle, D. (2013).** The Acquisition of Abstract Words by Young Infants. *Cognition*, 127(3), 391–397. <https://doi.org/10.1016/j.cognition.2013.02.011>
- Bergelson, E., & Swingle, D. (2012).** At 6 to 9 months, human infants know the meanings of many common nouns. *Proceedings of the National Academy of Sciences*, 109(9), 3253–3258. <https://doi.org/10.1073/pnas.1113380109>
- Bergelson, E., & Idsardi, W. (2009).** A Neurophysiological Investigation into the Foundations of Tonal Harmony. *Neuroreport*, 20(3), 239–244.
<https://doi.org/10.1097/wnr.0b013e32831ddeb5>

Published Conference Proceedings and Commentaries

Peer-Reviewed

- +Meylan, S., Levy, R., **Bergelson, E.**, (2020). Children's Expressive and Receptive Knowledge of the English Regular Plural. *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*.
- Bunce, J., **Bergelson, E.**, Warlaumont, A., and Casillas, M. (2019). Tutorial: Daylong Data: Raw Audio to Transcript via Automated and Manual Open-Science Tools. *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.
- +Amatuni, A., & **Bergelson, E.** (2018). Preserved Structure Across Vector Space Representations. *Proc. of the 40th Annual Conference of the Cognitive Science Society*.
- Bergelson, E.**, Church, K., Cristia, A., Du, J., Ganapathy, S., Khudanpur, S., Kowalski, D., Krishnamoorthy, M., Kulshreshta, R., Liberman, M., Lu, Y., Maciejewski, M., Metze, F., Profant, J., Ryant, N., Sun, L., Tsao, Y., Yu, Z. Enhancement and Analysis of Conversational Speech: JSALT 2017. *ICASSP Proceedings*, 2018.
- +Laing, C., & **Bergelson, E.** (2017). More Siblings Means Lower Input Quality in Early Language Development. *Proc. of the 39th Annual Conference of the Cognitive Science Society*.
- +Amatuni, A., & **Bergelson, E.** (2017). Semantic Networks Generated from Early Linguistic Input. *Proc. of the 39th Annual Conference of the Cognitive Science Society*.
- Casillas, M., **Bergelson, E.**, Sloetjes, H., Soderstrom, M., DARCLE group, Cristia, A. (2017). A New Workflow for Semi-automatized Annotations: Tests with Long-Form Naturalistic Recordings of Children's Language Environments. *Proc. INTERSPEECH*.
- Casillas, M., +Amatuni, A., Seidl, A., Soderstrom, M., Warlaumont, A., **Bergelson, E.** (2017). What do Babies hear? Analyses of Child- and Adult-Directed Speech. *Proc.*

INTERSPEECH.

- Schuller, B., Steidl, S., Batliner, A., **Bergelson, E.**, Krajewski, J., Janott, C., Amatuni, A., Casillas, M., Seidl, A., Soderstrom, M., Warluamont, A., Hidalgo, G., Schnieder, S., Heiser, C., Hohenhorst, W., Herzog, M., Schmitt, M., Qian, K., Zhang, Y., Trigeorgis, G., Tzirakis, T., Zafeiriou, S. (2017). The INTERSPEECH 2017 Computational Paralinguistics Challenge: Addressee, Cold & Snoring. *Proc. INTERSPEECH.*
- Metze, F., Riebling, E., Warlaumont, A., **Bergelson, E.**, (2016). Virtual Machines and Containers as a Platform for Experimentation. *Proc. INTERSPEECH.*
- Bergelson, E.** (2016). Workshop on Corpus Collection, (Semi)-Automatic Analysis, and Modeling of Large-Scale Naturalistic Language Acquisition Data. *Proceedings of the 38th Annual Conference of the Cognitive Science Society.*
- Bergelson, E.**, & Swingle, D. (2013). Social and Environmental Contributors to Infant Word Learning. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*, 187-192.

Invited or Not Peer-Reviewed:

- Bergelson, E.**, & Idsardi, W. (2009). "Structural Biases in Phonology: Infant and Adult Evidence from Artificial Language Learning" *BUCLD 33: Proceedings of the 33rd Annual Boston University Conference on Language Development*, 85-96.
- Poeppel, D., & **Bergelson, E.** (2008). "How music speaks to us." *Nature*, 452, 695-696.
(book review of Ani Patel's *Music, Language, and the Brain*)

Invited Talks and Colloquia

- Bergelson, (March, 2020; cancelled due to Covid-19). The nascent lexicon: early word comprehension in the lab and in the world. Keynote Address, AttLis (Attentive Listener in a Visual World), University of Connecticut, Storrs, C.T.
- Bergelson, E. (February, 2020). Infant Language Acquisition: Input to Uptake. Human Development Colloquium, Cornell University, Ithaca, N.Y.
- Bergelson, E. (September, 2019). Infant Language Acquisition: Input to Uptake. Psychology Department Colloquium, Rutgers-Newark, N.J.
- Bergelson, E. (April, 2019). The Nascent Lexicon: Word Learning in Infants. Simons Foundation, New York, N.Y.
- Bergelson, E. (April, 2019). Infant Language Acquisition: Input to Uptake. Smoky Mountains Cognition & Neuroscience Symposium, Asheville, N.C.
- Bergelson, E. (March, 2019). The Nascent Lexicon: Word Learning in Infants, CogSci Colloquium, University of Maryland
- Bergelson, E. (March, 2019). Word Learning in Infancy. Head & Neck Surgery and Communication Sciences Grand Rounds, Duke University
- Bergelson, D. (March, 2019). The Nascent Lexicon: Word Learning in Infants, Linguistics Colloquium, NCSU
- Bergelson, E. (February, 2019) Labo. de Sciences Cognitives & Psycholinguistique, Cognitive Machine Learning Group, Paris, France
- Bergelson, E. (February, 2019) Max Planck for Empirical Aesthetics, Poeppel Lab Meeting, Frankfurt, Germany
- Bergelson, E. (February, 2019) Max Planck-Humboldt Foundation Research Award Symposium, Bonn, Germany

- Bergelson, E. (October, 2018) The Nascent Lexicon: Word Learning in Infants, Language and Cognition Talk Series, Harvard.
- Bergelson, E. (October, 2018) The Nascent Lexicon: Word Learning in Infants, Levy Lab Meeting, MIT.
- Bergelson, E. (October, 2018) Infant Word Learning: Connecting Home Environment with Early Language, Center for Child and Family Policy, Duke University.
- Bergelson, E. (November, 2018) Word Learning in Infancy, [American Psychological Association Lab Works Webinar](#).
- Bergelson, E. (October, 2018) Word Learning in Infancy, Hear'n'Now, UNC
- Bergelson, E. (September, 2018) The Nascent Lexicon: Word Learning in Infants, Linguistics Colloquium, OSU.
- Bergelson, E. (September, 2017) The Nascent Lexicon: Word Learning in Infants, Developmental Lunch, UNC-CH.
- Bergelson, E. and Cristia, A (July, 2017) How to Grow a Language: Is "Big" Data Enough? JSALT Workshop, CMU.
- Bergelson, E., (December, 2016). What's in a (Baby's) Word? ECOM Workshop, University of Connecticut
- Bergelson, E., (November, 2016). Predicting Word Learning from Infants' Home Environment. Psychology & Neuroscience Cognitive Area Colloquium, UNC-Chapel Hill
- Bergelson, E., (October, 2016). Predicting Word Learning from Infants' Home Environment. RuCCS Colloquium, Rutgers University
- Bergelson, E., (September, 2016). Predicting Word Learning from Infants' Home Environment. Center for Cognitive Neuroscience Colloquium, Duke University
- Bergelson, E., (February, 2016). Word Learning in Infants: Linking In-lab Measures with Home Environment. Neurology Grand Rounds, University of Rochester.
- Bergelson, E., (December, 2015). Environmental variability and its relation to early noun Comprehension. Workshop on Extension and Intensive Recordings of Children's Language Environments, Ecole Normale Supérieure.
- Bergelson, E., (April, 2015). Word Learning in Infants. Developmental Brownbag, University of Chicago.
- Bergelson, E., (March, 2015). Word Learning in Infants. Psychology & Neuroscience, Duke University.
- Bergelson, E., (February, 2015). Word Learning in Infants. Cognition & Perception Colloquium, New York University.
- Bergelson, E., (June, 2014). Word Learning in Infants. Laboratory for Language Development, RIKEN Brain Science Institute, Tokyo.
- Bergelson, E., (January, 2014). Word Learning in Infants. Psychology Department, University of California, San Diego.
- Bergelson, E., (November, 2013). Word Learning in 6-16 Month Old Infants. Center for Language Science Colloquia Series, University of Rochester.
- Bergelson, E., (November, 2013). Music and Language: Processing and Acquisition. Eastman/Rochester/Cornell/Buffalo Music Cognition Symposium.

Conference Talks

- Bergelson, E. (special symposium) 'Yes, and' Science: leveraging lab *and* home data to build theories of lexical learning. *Boston University Conference for Language Development* Boston University. Boston, Nov 2019.

- +Bulgarelli, F., **Bergelson, E.** Who says it and what does it sound like? Quantifying within- and between- talker variability in infants' naturalistic input. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2019.
- +Moore, C., **Bergelson, E.** 18-month-olds' Representations of Vowels in Regular & Irregular Verbs: A Mispronunciation Study. Workshop on Infant Language Development University of Potsdam. Potsdam, July 2019.
- +Dailey, Shannon & **Bergelson, E.** Linking input and vocabulary in infancy to preschool language skills. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2018.
- (won Society for Language Development Student Prize)**
- +Drew, Emmaline & **Bergelson, E.** Quantifying inter-word temporal spacing in infants' home language environment. *International Congress on Infant Studies*, Philadelphia, July, 2018
- Bergelson, E.** Trajectories of Lexical Comprehension Improvement: Investigating the 14month Boost. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2017. (<20% acceptance rate)
- +Laing, C., **Bergelson E.** What did you say? Infants' early productions match caregiver input. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2017. (<20% acceptance rate)
- Casillas, M., **Bergelson, E.**, Warlaumont, A., Cristia, A., Soderstrom, M., VanDam, M., Sloetjes, H. A New Workflow for Semi-automatized Annotations: Tests with Long Form Naturalistic Recordings of Children's Language Environments. *Interspeech*, Stockholm, Aug 2017.
- Bergelson, E.** Linking "Useful" Input Properties With Early Noun Production. *Cognitive Development Society*, Portland, Oct 2017.
- Bergelson, E.**, +Amatuni, A., Casillas, M., Seidl, A, Soderstrom, M., Warlaumont, A. Description of the Homebank Child/Adult Addressee Corpus (HB-CHAAC). *Interspeech*, Stockholm, Aug 2017.
- Casillas, M., +Amatuni, A., Seidl, A, Soderstrom, M., Warlaumont, A., **Bergelson, E.** What do babies hear? Analyses of child- and adult-directed speech. *Interspeech*, Stockholm, Aug 2017.
- +Laing, C., & **Bergelson, E.** More Siblings Means Lower Input Quality in Early Language Development. *Cognitive Science Society*, London, Jul 2017.
- +Dailey, S., & **Bergelson, E.** Semantic relatedness effects in early word comprehension. *Society for Research in Child Development*. Austin, Mar 2017.
- +Koorathota, S., +Morton, S., +Amatuni, A, & **Bergelson, E.** 6- and 7-month-olds' Noun Input: Human and Automated Corpus Analysis, *International Congress on Infant Studies*, New Orleans, May 2016.
- Bergelson, E.**, & Swingley, D. The Effects of Maternal Education on Reports of Infants' Early Vocabulary. *Workshop on Infant Language Development*. Stockholm, Jun 2015.
- Bergelson, E.**, & Aslin, R. Narrowing Meaning Specificity from 12-20 Months. *Society for Research in Child Development*. Philadelphia, Mar 2015.

- Bergelson, E., & Swingley, D.** Non-Linearities in Word Comprehension Trajectories. *Society for Research in Child Development*. Philadelphia, Mar 2015.
- Bergelson, E., & Aslin, R.** Meaning Specificity in One-Year-Olds' Word Comprehension. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2014. (<20% acceptance rate)
- Bergelson, E., & Swingley, D.** Early Word Form Generalizations in the Context of Meaning. *International Conference for Infant Studies Biennial Meeting, Berlin, Jul 2014*
- Bergelson, E., & Swingley, D.** Social and Environmental Contributors to Infant Word Learning. *35th Annual meeting of the Cognitive Science Society, Berlin, Aug 2013*.
- Bergelson, E., & Swingley, D.** Infant Word Comprehension: Robust to Speaker Differences but Sensitive to Single Phoneme Changes *Workshop on Infant Language Development, San Sebastian, Jun 2013*. (<20% acceptance rate)
- Bergelson, E., & Swingley, D.** Talker-independence in word comprehension before 12 months. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2012. (<20% acceptance rate)
- Bergelson, E., Swingley, D.** 6-11-Month-Olds' Comprehension of Concrete and Abstract Words. *Budapest CEU Conference on Cognitive Development, Budapest, Jan 2012*.
- Gorman, K., Faber, D., **Bergelson, E.**, and Yang, C. 2012. Word vs. rule frequencies in irregular acquisition. *Linguistic Society of America Annual Meeting, Portland, Jan 2012*.
- Bergelson, E., Swingley, D.** What 6-10-Month-Olds Know about Word Meaning. *Society for Research in Child Development Biennial Meeting, Montreal, Apr 2011*.
- Bergelson, E., Swingley, D.** Mother's education predicts spoken word recognition in 6-16-mo.-old Infants. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2010. (<20% acceptance rate)
- Bergelson, E., Shvartsman, M., Idsardi, W.** Differences in Brain Responses to Vowels and Musical Intervals. *International Conference for Music Perception and Cognition, Seattle, Aug 2010*.
- Bergelson, E., Merickel, J., Idsardi, W., Lidz, J.** Structural Biases in Phonology: Evidence from Artificial Language Learning. *Linguistic Society of America Annual Meeting, Baltimore, Jan 2010*.
- Bergelson, E., Idsardi, W.** Structural Biases in Phonology: Infant and Adult Evidence from Artificial Grammar Learning. *Boston University Conference for Language Development*. Boston University. Boston, Nov 2008. (<20% acceptance rate)
- Bergelson, E.** Infants' ability to learn patterns from language and music. *Undergraduate Research Conference*. New York University. April 2007.

Teaching & Tutorials

- UG lecture: Cognitive Development (2020-)
- UG/Graduate course: Language Development (2017-)
- Half-Day Tutorial: Daylong data: Raw audio to transcription via automated & manual open-science tools. Cognitive Science Society (with John Bunce, Anne Warlaumont, and Middy Casillas, 2019).

- Full-day Tutorial: Tools for Open Science: Reproducible Data Analysis and Paper Writing in R. *International Congress on Infant Studies*, (with Michael Frank, Jess Kosie and Melissa Kline, 2018)
- Half-Day Workshop: Collaborative Replication in Developmental Psychology. *Cognitive Development Society*, (with Michael Frank, Rebecca Lundwall, Rhodri Cusack, Charles Ebersole, Kiley Hamlin, Justin Wood, 2017)
- Workshop for Psych & Neuroscience Community on Data Tidying and Visualization in R (with tidyverse and ggplot2) (2017)
- Organizer for Grad/Postdoc Textbook Reading Group “Introduction to Statistical Learning” (2014)
- TA for Psychology 101 and Human Memory (2010-2011)
- Guest Lecturer for UG/G Introduction to Cognitive Science, Psychology, Linguistics, Language Development, and Psycholinguistics (2008-2017)
- Teaching Hebrew/Jewish Studies (2003-2012) and Music (2003-2007); grades K-12
- Teaching and Tutoring for Kaplan (2005-2007)

Advising/Supervision

Postdoctoral Scholars (n=3)

- Carla Fernandez (2019-); jointly supervised with Marty Woldorff
- Stephan Meylan (2018-); jointly supervised by Roger Levy at MIT; NIH F32
- Federica Bulgarelli (2018-). NIH F32; Charles Lafitte Foundation grant awardee
- Catherine Laing: (2016-2017; now a Lecturer (tenure-track faculty equivalent) at Cardiff University, Wales)

Graduate Students (n=3)

- Erin Campbell (2018-); NSF GRFP awardee; Charles Lafitte Foundation grant awardee
- Shannon Dailey (2017-)
- Charlotte Moore (2016-); SSHRC Grad Funding Awardee

Undergraduate Independent Study/Human Dev. Certificates/Honors Thesis Advisees (n=14)

(* = Duke Graduate with Distinction Student in Neuroscience or in Psychology)

- 2020-21: Madeleine Yancy*, Jing Liu
- 2019-20: Janani Ramadurai (UNC-Chapel Hill); Sarah Yang*
- 2018-19: Chandler Richards*
- 2016-17: Reena Jasani, Hannah Ballock, Haley Weaver (University of Rochester)
- 2015-16: Tessa Eagle, Jayde Homer, Sophie Werk (University of Rochester)
- 2014-15: Ashwini Manjunatha, Sarah Markowitz, Alexis Rickwood (University of Rochester)

Undergraduate Research Assistants for >1 semester and/or > half-time in the summer (n=38):

(* = summer research fellow award, ** = Charles Lafitte Foundation Travel Grant Recipient)

- Non-Duke Student Summer RAs at Duke: Ellie Breitfeld* (Princeton), Naseem Dillman-Hasso* (Carleton College), Janani Ramadurai (UNC), Yiyi Wang* (Beijing Normal University),
- Duke (2016-): Afua Ansah, Hannah Ballock, Webster Bei, Micaela Brewington, Natasha Derezinski-Choo**, Savanna Groft, Hannah Hamayun, Estelle He*, Sophie Hurewitz, Jing Liu, Katya Khlystova**, Jessica Marlow, Danielle Mayorga-Young, Olivia Leggio**, Lauren Mitchell, Georgia Price, Chandler Richards, Angela Tawfik, Sarah Yang**, Madeline Yancy, Junette Yu**
- Rochester (2014-2016): Andrei Amatuni, Bella Clemente, Jayde Homer, Valerie Langlois*, Dustyn Levenson, Sarah Markowitz, Ashwini Manjunatha, Leah Nason, Adina Poras, Alexis Rickwood*, Haley Weaver*

- CVS@Rochester: John Collins, Summer Research Student (2014)
- UPenn: Elizabeth Yellin, Undergraduate Research Project (2013)

High School Mentees (n=8)

- Ella Rosenberg: Durham School for the Arts student researcher (2020)
- Halden Levin: NCSSM Summer Research Intern (2019)
- Emma Zhang: NCSSM Research Intern (2018)
- Erich Hess: NCSSM Summer Research Intern (2018)
- Alexis Aberman: Science Fair Student/Research Assistant (2016-2017)
- Cristopher Alvarado: NCSSM Research Assistant (2016-2017)
- Maia Donald (Summer 2017)
- Claire Patrick NCSSM Summer Intern (2017)

Lab Resources, Open Science Resources, and Science Communication

- Lab Website: <https://bergelsonlab.com/>
- Lab Blog: <https://www.babiesandlanguage.com/>
- Lab Gitbook (Wiki): <https://app.gitbook.com/@bergelsonlab/s/blab/>
- ACLEW project: <https://sites.google.com/view/aclewdid/home>
- DARCLE: <http://darcle.org/>
- Homebank: <https://homebank.talkbank.org/access/>
- PI, Lab, and SEEDLingS Github: <https://github.com/BergelsonLab/>; <https://github.com/ebergelson>; <https://github.com/SeedlingsBabylab>
- ManyBabies Consortium: <https://osf.io/rpw6d/>

Service to the Field

- President, DARCLE (Consortium on Daylong Audio Recordings of Children's Linguistic Environments; 2017-2019)
- Consulting Editor for *Developmental Psychology* (2016-)
- Editorial Board Member: *Infancy* (2018-)
- ManyBabies Consortium Member (2016-)

Service to the University and Department

- CNAP Admissions Committee (2017-)
- Steering Committee All Babies and Children Thrive (2017-)
- Departmental Advisory Committee (2016-2019)
- Co-Organizer of DIBS C.A.N.B.L.S. Research Group (with Groh, Overath, Cogan; 2016-)

Selected Ad-Hoc Journal Reviewing

- | | |
|--|---|
| • Child Development | • Society for Research in Child Development |
| • Cognition | • Behavioral Research Methods |
| • Developmental Science | • Open Science |
| • Frontiers in Psychology | • Applied Psycholinguistics |
| • Journal of Experimental Child Psychology | • Scientific Reports |
| • Journal of Exp. Psychology: General | • Psych Science |
| • Journal of Memory and Language | • Science |
| • Language Acquisition | |
| • Language Learning & Development | |
| • PNAS | |

Ad-Hoc Grant Reviewing

- National Institutes of Health Language and Communication Panel
- National Science Foundation
- Agence Nationale de la Recherche (ANR, France)
- Deutsche Forschungsgemeinschaft (DFG, Germany)

Sample Press Coverage

- Fall 2019: Coverage of Cognitive Development Society Award in [Duke Chronicle](#)
- Fall 2017: [Coverage of Bergelson & Aslin, 2017, PNAS](#)
 - E.g. Atlantic, Science News Daily, The Guardian, Reuters, Durham Herald-Sun, Canadian TV, Nannyworld, El Pais, The Independent, Spiegel, Chronicle
- January 2015: Forbes Magazine 30 under 30 in Science coverage
- Fall 2014: Coverage of NIH EIA award (print & social media)
- February & March 2012: Coverage of Bergelson & Swingley, 2012, PNAS
 - Radio and TV: BBC News Hour, WHYY Newsworks, France 2 news program '20h', WROC, Time Warner Cable News, WXXI
 - Newspaper and Popular Press: Science News Daily, Telegraph, Daily Mail (UK), Science Daily, La Repubblica (Italy), Corriere della Sera (Italy), Trouw (Netherlands), Democrat & Chronicle (US)