

NAOMI CASELLI

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Programs in Deaf Studies
School of Education
Boston University
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EMPLOYMENT

Lecturer Programs in Deaf Studies Boston University	2015-present
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EDUCATION

Joint PhD in Psychology and Cognitive Science Tufts University Advisors: Ray Jackendoff and Ariel Cohen-Goldberg	2015
MA Psychology Boston University Advisor: Catherine Caldwell-Harris	2010
EdM Education of the Deaf Boston University Advisors: Marlon Kuntze and Robert Hoffmeister	2009
BA Liberal Arts The Evergreen State College Concentrations in Deaf Studies and Educational Interpreting	2006

CURRENT FUNDED RESEARCH

National Science Foundation, BCS-1625793, 2016-2020, \$191,563
The structure of the ASL lexicon: Experimental and statistical evidence from a large lexical database (ASL-LEX)
Role: Principle Investigator

PAPERS

Caselli, N., Sevcikova, Z., Cohen-Goldberg, A., Emmorey, K. (2016). ASL-LEX: A Lexical Database for ASL. *Behavior Research Methods*.

Caselli, N., Caselli, M., Cohen-Goldberg, A. (2015). Inflected words in production: Evidence for a morphologically rich lexicon. *Quarterly Journal of Experimental Psychology*.

Caselli, N. & Cohen-Goldberg, A. (2014). Lexical access in sign language: A computational model. *Frontiers in Psychology*, 5.

PEER REVIEWED CONFERENCE PROCEEDINGS

Koster-Hale, J., **Berlove, N.**, Magid, R., Benedict, R., Pyers, J., Saxe, R. (2014). Early language experience has long-lasting impact on the neural basis of theory of mind. Proceedings of the 35th Annual Conference of the Cognitive Science Society.

PAPERS SUBMITTED

- Caselli, N.**, Pyers, J. (under extended review). Neighborhood density, iconicity, and frequency facilitate sign language acquisition. *Psychological Science*.
- Hall, M. L., **Caselli, N.**, Hall, W. C. (under review). Sign language exposure does not harm language development in deaf children with or without cochlear implants. *Translational Issues in Psychology*.

REFEREED PRESENTATIONS

- Caselli, N.**, Sevcikova Sehyr, Z., Cohen-Goldberg, A. M., Emmorey, K. (2016). An investigation of the American Sign Language lexicon. Talk presented at the 10th International Conference on the Mental Lexicon, Ottawa, Canada.
- Caselli, N.**, Pyers, J. (2016). American Sign Language Vocabulary Acquisition by Native Deaf Signers. Talk presented at the 41st annual Boston University Conference on Language Development, Boston, MA.
- Caselli, N.**, Cohen-Goldberg, A. M. (2016). Signs, emerging signs, and words: Exploring the (in)variance of lexical processing and the lexicon. Talk presented at the Language by Mouth and by Hand Symposium at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.
- Caselli, N.** (2016). ASL –LEX: A database of ASL vocabulary. Paper presented at the National Deaf Education Conference, Phoenix, AZ.
- Caselli, N.**, Ergin, R., *Ettlin, C., Cohen-Goldberg, A. M., Jackendoff, R. (2016). Iconicity, phonology, and the creation of a lexicon. Talk presented at the 7th Conference of the International Society of Gestural Studies. Paris, France.
- Ergin, R., Meir, I., Ilkbasaran, D., **Caselli, N.**, Goldberg-Cohen, A., Padden, C. & Jackendoff, R. (2016). Emergence of Syntactic Cues in a Young Village Sign Language. Poster presented at the 7th Conference of the International Society for Gesture Studies. Paris, France.
- Caselli, N.**, & Cohen-Goldberg, A. M. (2016). Neighborhood density in sign perception. Talk presented at TISLR12 (The 12th Conference on Theoretical Issues in Sign Language Research), Melbourne, Australia.
- Sevcikova, Z., **Caselli, N.**, Cohen-Goldberg, A. M., & Emmorey, K. (2016). ASL-LEX: A lexical database for American Sign Language. Poster presented at TISLR12 (The 12th Conference on Theoretical Issues in Sign Language Research), Melbourne, Australia
- Caselli, N.**, & Cohen-Goldberg, A. M. (2015) Frequency and Neighborhood Density Effects in ASL Sign Recognition. Talk presented at the 56th Annual Meeting of the Psychonomic Society, Chicago Illinois.
- Cohen-Goldberg, A., **Caselli, N.**, Miozzo, M. (2014). Morphological boundaries in phonological processing. Talk presented at the Ninth International Conference on the Mental Lexicon, Niagara-on-the-lake, Ontario, CA.

- Caselli, N.**, Cohen-Goldberg, A. (2014). Lexical access in sign language: A computational model. Poster presented at the Ninth International Conference on the Mental Lexicon, Niagara-on-the-lake, Ontario, CA.
- Caselli, N.**, Cohen-Goldberg, A. (2014). Word and root representations in the spontaneous production of regularly inflected words. Poster presented at the Ninth International Conference on the Mental Lexicon, Niagara-on-the-lake, Ontario, CA.
- Caselli, N.**, Ergin, R., Jackendoff, R., Cohen-Goldberg, A. (2014). The emergence of structure in Central Taurus Sign Language. Talk presented at From Sound to Gesture, Padova, IT.
- Caselli, N.**, Cohen-Goldberg, A. (2014) Lexical access in sign language: A computational model. Talk presented at From Sound to Gesture, Padova, IT.
- Caselli, N.**, Cohen-Goldberg, A. (2014). Word and root representations in the spontaneous production of regularly inflected words. Poster presented at the International Workshop on Language Production, Geneva, CH.
- Koster-Hale, J., **Berlove, N.**, Magid, R., Benedict, R, Pyers, J, and Saxe, R. (2014). Early childhood experience has long-lasting impact on the neural basis of theory of mind. Talk presented at the Social Brain Sciences Symposium, Boston, MA.
- Koster-Hale, J., **Berlove, N.**, Magid, R., Benedict, R, Pyers, J, and Saxe, R. (2014). Early childhood experience has long-lasting impact on the neural basis of theory of mind. Talk presented at the annual conference of the Cognitive Science Society, Quebec, Canada.
- Cohen-Goldberg, A., **Berlove, N.** (2012). Towards a theory of the phonological processing of multimorphemic words: The Heterogeneity of Processing Hypothesis. Talk presented at the 8th International Conference on the Mental Lexicon, Montreal, CA.
- Berlove, N.**, Caselli, M., Cohen-Goldberg, A. (2012). The contribution of root and word representations to phonological processing of multimorphemic words. Talk presented at the 13th Conference on Laboratory Phonology. Stuttgart, DE.
- Berlove, N.**, Cohen-Goldberg, A. (2012). The relative contributions of root and word representations to post-lexical processing of suffixed words. Poster presented at the International Workshop on Language Production, New York, NY.
- Berlove, N.**, Cohen-Goldberg, A., Caselli M. (2011) A corpus investigation of the effects of morphological structure on phonetic duration. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
- Berlove, N.**, Cohen-Goldberg, A. (2011). Investigating the phonological processing of morphologically complex words. Poster presented at the Testing Models of Phonetics and Phonology Linguistic Institute 2011: Language in the World, Boulder, CO.
- Kuntze, M., **Berlove, N.**, Goodman, C., Fish, S., Mesh, K. (2010). A language with

- polycomponential vocabulary: Issues of linguistic typology and the analysis of ASL vocabulary development. Talk presented at the 35th annual Boston University Conference on Language Development. Boston, MA.
- Berlove, N., Kuntze, M.** (2010). Theory of Mind in Deaf Children. Talk presented at the 3rd Annual Inter Science of Learning Center Student and Post-Doc Conference. Boston, MA.
- Berlove, N., Kuntze, M.** (2010). Surrogates: Becoming More 'Like Me'. Poster presented at the National Science Foundation Annual Science of Learning Center Meeting, 2010, Arlington, VA.
- Kuntze, M., Fish, S., **Berlove, N.**, Goodman, C., Kim, K. (2010). A longitudinal investigation on the development of ASL vocabulary using naturalistic classroom interaction data. Talk presented at the Association of College Educators of the Deaf and Hard of Hearing. Lexington, KY.
- Berlove, N.** (2009). The benefits of the Berkeley Transcription System in transcription of mean length of utterance. Poster presented at the 2nd Annual Inter Science of Learning Center Student and Post-Doc Conference, Seattle, WA.
- Saxena, A., Mehus, S., Dugan, T., Scopelitis, S., Scalone, G., **Berlove, N.**, et al. (2009). Analysis of Video Data: A Collaborative Workshop (LIFE and VL2). Workshop presentation. Talk presented at the 2nd Annual Inter-Science of Learning Center Student and Post-Doc Conference. Seattle, WA.

* student mentee

► won best early career award

INVITED PRESENTATIONS

- Caselli N.** (2016). ASL-LEX: a tool for the the classroom. Keynote presentation at the Educational Technology for the Deaf and Hard of Hearing Conference, Providence, RI.
- Caselli, N.** (2016) ASL-LEX: A tool for researchers, educators, and students. Invited talk at the New England Sign Language Festival, Boston, MA.
- Caselli, N., Ergin, R., Jackendoff, R., Cohen-Goldberg, A.** (2015) Iconicity and Phonological Structure in Emerging Language. Invited talk at the Emerging Sign Languages and the Big Picture Workshop, Medford, MA.
- Caselli, N., Cohen-Goldberg A. M.** (2014). Lexical access in ASL: A computational model. Invited talk at the New England Sign Language Festival, Storrs, CT.
- Caselli, N., Koster-Hale, J., Magid, R., Benedict, R., Pyers, J., Saxe, R.** (2014). The neural underpinnings of theory of mind in Deaf adults. Invited talk at the Theory of Mind Discussion Group, University of Connecticut.
- Caselli, N., and Cohen-Goldberg, A.** (2014). Lexical access in ASL: A computational model. Invited talk at the Sign Language Research Discussion Group, University of Connecticut.

Caselli, N., and Cohen-Goldberg, A. (2014). Lexical access in ASL: A computational model. Invited talk at the Psychology Brown Bag, Tufts University.

Koster-Hale, J., **Caselli, N.**, Magid, R., Benedict, R, Pyers, J, Saxe, R. (2014). Early childhood experience has long-lasting impact on the neural basis of theory of mind. Invited talk at the Bedny Lab, Johns Hopkins.

Caselli, N., and Cohen-Goldberg, A. (2013). Lexical access in ASL: A computational model. Invited talk at the Linguistics Seminar, Tufts University.

PUBLIC ENGAGEMENT AND GUEST LECTURES

Caselli, N. (2016). Sign language morphology. Invited talk, Morphology Course, Tufts University.

Caselli, N. (2016). Codas in research. Presentation at the 31st annual CODA International conference, Houston, TX.

Caselli N. (2016). ASL-LEX: a tool for the the classroom. The Learning Center for the Deaf, Framingham, MA.

Caselli N. (2015). ASL-LEX: a tool for the vocabulary instruction. Massachusetts Department of Elementary and Secondary Education Literacy Institute, Framingham, MA.

Caselli N., Wilson, A. (2015). Guess what I'm thinking: The biological basis of Theory of Mind. Family Learning Weekend. American School for the Deaf, Hartford CT.

Gilliam, J. **Berlove, N.**, Fish, S., Smith, W., Scoggins, B., Burch, D., Winston, B. (2014). Certification Information. Presentation to the Registry of Interpreters for the Deaf and National Association of the Deaf Board Meeting, Hartford, CT.

Berlove, N., Fish, S., Smith, W., Scoggins, B., Gilliam, J., Burch, D., Winston, B. (2014). Certification Forum. Registry of Interpreters for the Deaf Region I, Wakefield, MA.

Scoggins, B., Fish, S., Smith, W., **Berlove, N.**, Gilliam, J., Burch, D., Winston, B. (2014). Certification Forum. Registry of Interpreters for the Deaf Region II, Atlanta, GA.

Berlove, N., Fish, S., Smith, W., Scoggins, B., Gilliam, J., Burch, D., Winston, B. (2014). Certification Forum. Registry of Interpreters for the Deaf Region III, Lansing, MI.

Berlove, N., Fish, S., Smith, W., Scoggins, B., Gilliam, J., Burch, D., Winston, B. (2014). Certification Forum. Registry of Interpreters for the Deaf Region IV, Des Moines, IA.

Berlove, N., Fish, S., Smith, W., Scoggins, B., Gilliam, J., Burch, D., Winston, B. (2014). Certification Forum. Registry of Interpreters for the Deaf Region V, San Diego, CA.

Berlove, N. (2013). Deaf culture. Invited talk, Abnormal Psychology Course, Tufts University.

Berlove, N. (2012). Psycholinguistics of Sign Language. Invited Talk, Psychology of Language Course, Tufts University

Berlove, N. (2010, 2011). Sign language linguistics. Invited Talk, Linguistics Course, Tufts University.

Berlove, N. (2010, 2011). Bilingual Bimodalism. Invited talk, Bilingualism Course, Tufts University.

Berlove, N. (2010). NIC Interview: One Interpreter's Strategies. Invited talk at Young Professional Interpreters Workshop. Boston, MA.

Berlove, N. (2010) NIC Interview Preparation. Presentation at the 25th annual CODA International conference. Boulder, CO.

Berlove, N. (2009). Bilingual Bimodalism. Invited talk, Deaf Studies Course, The College of the Holy Cross.

HONORS AND AWARDS

National Association of the Deaf Outstanding Service to Interpreting Award	2016
Investigator Tufts Collaborates Seed Grant \$15,588 "Structure of an emerging village sign language in Turkey"	2015
Deborah Greenwald Fellowship	2014
Outstanding Graduate Student Contribution to Undergraduate Education Special Mention	2014
Tufts University Graduate Student Research Competition Research Funds	2014
TuftsIgnite Research Presentation Competition First Prize	2014
Massachusetts Registry of Interpreters for the Deaf Research Funds	2013
Massachusetts Registry of Interpreters for the Deaf Travel Funds	2013
Tufts University Graduate School of Arts and Engineering Travel Funds	2012
Tufts University Psychology Department Travel Funds	2011, 2012
NSF Visual Language Visual Learning (VL2) Travel Funds	2009, 2010

TEACHING EXPERIENCE

Graduate Courses: ASL Structure, Pre-Practicum, Practicum Seminar, Advanced Seminar Learning and the Deaf

Undergraduate Courses: Selected Topics in Deaf Education, Field Experiences

Teaching Assistant: Experimental Psychology, Psychology of Language, Introduction to Linguistics, Introduction to Psychology, Experimental Social Psychology, Perception, Abnormal Psychology, Social Psychology

MENTORING AND RESEARCH ADVISING

Undergraduate students who have completed research assistantships under my direction:

2011: 4 students	2014: 15 students
2012: 4 students	2015: 3 students
2013: 12 students	2016: 1 student

MEDIA COVERAGE

“A Window on How Language Develops” Spring 2014

Article in TuftsNow

<http://now.tufts.edu/articles/window-how-language-develops>

“Living in Two Worlds” Fall 2007

Biographical Documentary on Current TV

http://current.com/participate/vc2/88794473_living-in-two-worlds.htm

PROFESSIONAL AFFILIATIONS

American Educational Research Association	National Association for the Deaf
American Psychological Association	Registry of Interpreters for the Deaf
Association for Laboratory Phonology	Association for College Educators- Deaf and Hard of Hearing
CODA International	Sign Language Linguistic Society
Massachusetts Association for the Deaf	Psychonomic Society
MA Registry of Interpreters for the Deaf	

CERTIFICATIONS

Registry of Interpreters for the Deaf National Interpreting Certification- Master

EMPLOYMENT

High School AP Statistics Tutor	10/14-5/15
Deaf Student Services Coordinator and ASL Interpreter Wellesley College	01/09-2012
Graduate Research Assistant to Dr. Marlon Kuntze NSF Visual Language Visual Learning Center (VL2) Boston University	03/08-09/10
Graduate Research Assistant to Dr. Robert Hoffmeister Boston University	03/08-09/08
Freelance Interpreter	09/06-7/2015
Educational Interpreter and Teacher of the Deaf Olympia School District	2005-2006
Teacher's Aide Boards of Cooperative Educational Service	2003-2004
Applied Behavioral Analysis Therapist	2003

PROFESSIONAL SERVICE

Millie Brother Scholarship Co-Chair	2015-present
New England Sign Language Festival Co-Chair	2016
Tufts Emerging Sign Languages Conference Co-Chair	2015
Registry of Interpreters for the Deaf Certification Council Interim Chair	Spring 2015
Graduate Education Committee	2013-2015
Registry of Interpreters for the Deaf Certification Council	2014-2015
Registry of Interpreters for the Deaf IDP Region I Representative	2013-2014
Access Coordinator Tufts Cognitive Science Conference	Fall 2012
Graduate Student Council Representative	2012-2013
Hosted a Deaf Awareness Event	Spring 2012
Hosted a Community Forum on Cochlear Implants	Fall 2011
Faculty Search Committee at Tufts University	Fall 2011
CODA International Scholarship Committee	Spring 2009

Peer-Reviewed for National Science Foundation, Journal of Experimental Psychology: Learning, Memory, and Cognition; Eastern Psychological Association of Graduate Students, Applied Psycholinguistics, Frontiers in Psychology, Behavior Research Methods, Second Language Research, Journal of Speech, Language, and Hearing Research