

Amanda Eads

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Department of Communicative
Sciences & Disorders
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Education

2026	Expected: Ph.D. in Communicative Sciences & Disorders, New York University
2024	M.Phil. Communicative Sciences & Disorders, New York University
2016	M.A. English: Sociolinguistics, North Carolina State University
2012	B.A. English: Language, Writing, and Rhetoric B.A. Interdisciplinary Middle Eastern Studies; Study Abroad Cairo, Egypt (2010) North Carolina State University
2011	Teaching English as a Second Language Certification, North Carolina State University

Grants and Awards

2024-	NIH NIDCD Pre-Doctoral Dissertation Grant 1F31DC022514-01: Enhancing AI-based Speech Therapy through Acoustic-Derived Articulatory Feedback; Scored 17
2024	NYU Discovery Research Fund Award, \$20,000 for Enhancing Speech Therapy Through Multimodal Artificial Intelligence; PI McAllister
2024	NYU Tech Venture Accelerator Program, \$40,000 for Sonority Labs-StaRt team
2024	Council of Academic Programs in Communication Sciences and Disorders Doctoral (CAPCSD) Scholarship, \$10,000
2023	American Speech Language and Hearing Association Research Mentoring Pair Travel Award for the Artificial Intelligence Symposium, \$1000
2022	Steinhardt Summer Research and Travel Grant, \$1500
2021-2025	Tureen Award, \$250
2020-2025	Steinhardt Doctoral Fellowship
2018	US Embassy Small Grant for 7Hills Skate Park, Amman, Jordan. \$10,000
2017-2018	Fulbright Fellow, Amman Jordan
2017-2018	Critical Language Enhancement Award, Amman Jordan
2017	NEH Summer Institute Grant, University of Chapel Hill, North Carolina
2016	NCSU Common Reading Grant for "Talking Black in America: Documentary Screening and Panel Discussion." \$330
2015	Dr. Phillip M. Kayal Fund for Arab American Research Grant, \$500
2015	Summer Research Travel Grant, Moise A. Khayrallah Center for Lebanese Diaspora Studies, \$1500
2013	Teacher of the Year, Strathfield College, Sydney Australia, \$200
2013	English Australia Contribution to Professional Practice Award, \$1000
2011	NCSU Foreign Language and Literatures Advanced Arabic Award
2010	NCSU Foreign Language and Literatures Intermediate Arabic Award
2008-2012	NCSU University Scholars Program
2008-2012	NCSU Pack Promise Scholar
2008	State Employee Credit Union Scholarship, \$10,000
2008	Foundation for the Carolinas Scholarship, \$4000
2008	Janice M. Scott Memorial Scholarship, \$2500
2008	Union County Chapter of Educational Office Professionals Scholarship, \$500
2008	Monroe Union Rotary Club Scholarship, \$500

Publications

In Preparation

- Eads, A., Kearney, E., Koda, A., Medina, I., Hitchcock, E., Shiller, D., Guenther, F., & McAllister, T. *Auditory Acuity and Response to Altered Auditory Feedback in Children with and without Rhotic Distortions.*
- Eads, A.*, Swartz, M.T.*, McAllister, T., Hitchcock, E., & Preston, J. *A Child-Focused Perspective on Social, Emotional, and Academic Impacts of Rhotic Distortion in School-Aged Children.*
- Eads, A.*, Kabakoff, H.*, Preston, J., Tiede, M., Whalen, D.H., & McAllister, T. *The status of tongue shape complexity in predicting speech outcomes for rhotic misarticulation.*

*Designates equal contribution

Peer Reviewed Publications

- Eads, A., Kabakoff, H., Benway, N.R., Hitchcock, E., Preston, J., & McAllister, T. (2025). PERCEPT-US: A multimodal American English child speech corpus specialized for articulatory feedback. In Proc. Interspeech 2025, 2805-2809, doi: 10.21437/Interspeech.2025-2407
- McAllister, T., Traver, P., Eads, A., Haack, W., Carey, H., Shan, Y., Liang, W., Park, T.H. (2025) Accessible Delivery of Visual-Acoustic Biofeedback for Speech Sound Disorder. In Proc. Interspeech 2025, 4967-4968
- The Language and Human Rights Collective. (2025). Witnessing the Genocide in Gaza: A Collective Outcry of Speech-Language-Hearing Scientists and Language Scholars Around the World. *Journal of Critical Study of Communication and Disability*, 2(2), 10–19. https://doi.org/10.48516/jcscd_2024vol2iss2.51
- Blanchette, F., De La Rosa, J., Eads, A., Hunt, L., & Lai, L.F. (2025). The Pennsylvania English Final Rise-Fall: Intonation and the pragmatics of yes-no questions. *Journal of English Linguistics*.
- Eads, A., Kabakoff, H., King, H., Preston, J., & McAllister, T. (2024). An Articulatory Analyses of American English Rhotics in Children with and without a History of Residual Speech Sound Disorder. *Journal of Speech, Language, and Hearing Research*. https://doi.org/10.1044/2024_JSLHR-24-00037
- Belevance, S., Eads, A., Katson, A., Álvarez Retamales, J., McCollum, A., Mitra, A., & Davidson, L. (2024). Vowel Nasalization Does Not Cue Ambisyllabicity in American English Nasals: Evidence from Nasometry. *JASA- Express Letter*. <https://doi.org/10.1121/10.0027940>
- Eads, A., Kearney, E., Koda, A., Hitchcock, E., Shiller, D., Guenther, F., McAllister, T. (2023). Auditory acuity and response to altered auditory feedback in children with and without residual speech sound disorder. In Radek Skarnitzl & Jan Volín (Eds.), *Proceedings of the 20th International Congress of Phonetic Sciences* (pp. 873-877). Garant International. <https://guarant.cz/icphs2023/927.pdf>
- Nair, V. K. K., Khamis, R., Ali, S., Aveledo, F., Biedermann, B., Blake, O., Brea, M.R., ..., Eads, A., ..., Zisk, A. H. (2023). Accent Modification as a Raciolinguistic Ideology: A Commentary in Response to Burda et al. (2022). *Journal of Critical Study of Communication and Disability*, 1(1), 105–112. https://doi.org/10.48516/jcscd_2023vol1iss1.21
- Ayala, S.A., Eads, A., Kabakoff, H., Swartz, M., Shiller, D.M., Hill, J., Hitchcock, E.R., Preston, J.L., & McAllister, T. (2023). Auditory and Somatosensory Development for Speech in Later Childhood. *Journal of Speech, Language, and Hearing Research*. <https://pubmed.ncbi.nlm.nih.gov/36930986/>
- McAllister, T., Eads, A., Kabakoff, H., Scott, M., Boyce, S., Whalen, D. H., & Preston, J. (2022). Baseline Stimulability Predicts Patterns of Response to Traditional and Ultrasound Biofeedback Treatment for Residual Speech Sound Disorder. *Journal of Speech, Language, and Hearing Research*. <https://pubmed.ncbi.nlm.nih.gov/35944047/>
- Dunstan, S., Eads, A., Jaeger, A., and Wolfram, W. (2018). “The Importance of Graduate Student Engagement in a Campus Language Diversity Initiative.” *Journal of English Linguistics*. <https://doi.org/10.1177/0075424218783446>
- Eads, A., Khater, J., and Mielke, J. (2018). Arabic L2 Acquisition: An Ultrasound Study of Emphatics and Gutturals In M.T. Alhawary (Ed.), *The Routledge Handbook of Arabic Second Language Acquisition*. New York City, NY: Routledge.

Popular Academic Publications

- Editor for Penn State Bilingualism Matters Newsletter Summer/Fall 2019. Retrieved from <https://sites.psu.edu/bilingualismmatters/>
- Eads, Amanda and Amy Lebkuecher. (2019). "Are Children Confused by Dual Language Input?" Penn State Bilingualism Matters Newsletter Winter/Spring 2019. Retrieved from <https://sites.psu.edu/bilingualismmatters/winterspring-2019/are-children-confused-by-dual-language-input/>
- Eads, A. (2016, March 30). Rahme Haidar – The Writer. [Blog Post]. Retrieved from <https://lebanesestudies.news.chass.ncsu.edu/2016/03/30/rahme-haidar-the-writer/>
- Eads, A. (2016, March 17). Rahme Haidar – The Performer. [Blog Post]. Retrieved from <https://lebanesestudies.news.chass.ncsu.edu/2016/03/17/rahme-haidar-the-performer/>
- Eads, A. (2015, July 17). Lebanese Men, Lebanese Women... Is there a difference in how they identify themselves? [Blog Post]. Retrieved from <https://lebanesestudies.news.chass.ncsu.edu/2015/07/17/lebanese-men-lebanese-women-is-there-a-difference/>
- Eads, A. (2015, July 1). Being Lebanese = Speaking Arabic? [Blog Post]. Retrieved from <https://lebanesestudies.news.chass.ncsu.edu/2015/07/01/being-lebanese-speaking-arabic/>
- Eads, A. (2015, June 17). What does it mean to be Lebanese in America? [Blog Post]. Retrieved from <https://lebanesestudies.news.chass.ncsu.edu/2015/06/17/what-does-it-mean-to-be-lebanese-in-america/>

Research Experience

Aug 2020- Present	Research Assistant in Biofeedback Intervention Technology for Speech Lab with Dr. Tara McAllister
Feb 2022- Aug 2023	Research Assistant in Speech Production Acoustics and Perception Lab with Dr. Douglas Whalen
Aug 2018 – Mar 2020	Research Technologist and Lab Manager for the Center for Language Science at The Pennsylvania State University. Worked with: <i>Speech, Language & Cognition Lab</i> – Drs. Navin Viswanathan, Annie Olmstead; <i>Language & Aging Lab</i> – Dr. Michele Diaz; <i>The Central PA Dialect Project</i> - Dr. Frances Blanchette; <i>MultiGrammar Lab</i> – Dr. Matt Carlson; <i>Bilingualism and Language Development Lab</i> – Dr. Janet van Hell
Jan 2017- Aug 2017	Interviewer and Transcriber for "The Raleigh Project" for Dr. Robin Dodsworth, NCSU
Jan 2015- May 2016	Research Assistant for Khayrallah Center for Lebanese Diaspora Studies for Drs. Akram Khater and Walt Wolfram, NCSU
Aug 2014- Dec 2016	Lab Technician for the Linguistics Lab for Dr. Walt Wolfram, North Carolina State University (NCSU)

Teaching Experience

Spring 2024 - Present	Girls Who Code Elementary School Instructor, Empowering in the Community (EPiC) Organization, Rahway, NJ
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Spring 24 – Summer 25	Adjunct Instructor, Masters, Culturally Responsive Practices II: The Educational Context, NYU Communicative Sciences & Disorders department (NYU CSD)
Spring 2025	ESL Instructor, Women Rising Inc. + Jersey City Free Public Library collaboration
Fall 2024	Adjunct Instructor, Masters, Speech Science Instrumentation, NYU CSD
Fall 2023	Adjunct Instructor, Undergraduate, Phonetics & Phonemics, NYU CSD
Spring 2023	Girls Who Code Elementary School Instructor, EPiC, Rahway, NJ
Fall 22- Spring 23	Teaching Assistant, Undergraduate, Science of Language, NYU CSD
Summer 2022	Teaching Assistant, Undergraduate, Language & Computers, NYU Linguistics
Spring 2018	Adjunct Instructor, Undergraduate, Advanced English Pronunciation, University of Jordan in Amman, Department of English Language & Linguistics (UJ – Ling)
Fall 2017 – Spring 2018	Adjunct Instructor, Undergraduate, Intercultural Communication, UJ – Ling
Fall 2017	Adjunct Instructor, Undergraduate, Introduction to Linguistics, UJ – Ling
Fall 2017	Secondary Girls School English Teacher, United Nations Relief and Works Agency, Amman Jordan
Spring 2017	Adjunct ESL Instructor, Adult English Level 3-4, Wake Technical Community College in Raleigh, NC (WTCC)
Fall 2014- Spring 2016	Teaching Assistant, Elementary Arabic- FLA 101, North Carolina State University
Fall 2015	ESL Instructor, TESOL Program at North Carolina State University
Fall 2014 - Spring 2015	Adjunct ESL Instructor, Adult English Level 5, WTCC
Mar 2014- July 2014	SAT Trainer, American SAT Centre, Sydney Australia
Oct 2012- July 2014	ELICOS Teacher, Strathfield College, Sydney Australia
Summer 11- Spring 12	ESL Instructor, TESOL Program at North Carolina State University

Administrative and Service Experience

2022 - Present	Vice President and Board member, I Love to Read (IL2R) Book and Literacy Organization, Rahway, NJ
2023 – 2025	Member, Ideologies of “Good Languageing” Affinity/Working Group, funded by NYU Latinx Project and NYU Steinhardt Office of Research
2017 – 2018	Part Time Grant Writer, 7Hills Skate Park, Amman Jordan
Spring 2017	ESL Advisor, Wake Technical Community College
Aug 2015- Dec 2016	Lead Ambassador, Language Diversity Ambassadors at NCSU, Publications: “How to Start Your Own Language Diversity Organization” and “Detailed Account of Establishing the Language Diversity Ambassadors at NCSU”
June 2013- July 2014	Student Activities Coordinator, Strathfield College, Sydney Australia

Professional Presentations

Invited Talks

- Eads, Amanda, Brittani Morris and Anna Palumbo. 2025. NIH Predoctoral Grant Writing Panel. Center of Health and Rehabilitation Research Annual Spring Research Showcase. April 25, 2025.
- Eads, Amanda. 2022. An Articulatory Analysis of American English /ɹ/ in Typically Developing Children and Children Receiving Ultrasound Biofeedback. NYU Phonetics and Experimental Phonology Lab. February 18, 2022.
- Eads, Amanda. 2020. An Articulatory Investigation of Arabic Emphatics and Gutturals Using Ultrasound. Penn State Center for Language Science Lecture Series. March 6, 2020.
- Eads, Amanda and Frances Blanchette. 2019. The Central PA Dialect Project. Perry County Rotary Club. November 19, 2019.
- Eads, Amanda and Caleb Kurowski. 2018. Jordanian Fulbright Foreign Language Teaching Assistants: Pre-Departure Orientation. Fulbright Organization. Amman, Jordan. May 2018.
- Reaser, Jeff, Amanda Eads and Jessica Hatcher. 2016. Language Variation: The Forgotten Dimension of Diversity. Diversity Education Week, North Carolina State University. October 15, 2016.
- Eads, Amanda. 2015. Talkin' TarHeel: The Dialect Legacy of North Carolina. Guest Speaker for Science, Technology and Society 323. North Carolina State University. November 9, 2015.
- Eads, Amanda. 2015. From Speech to Writing: Handling Dialect Diversity in Formal Written Academic English. Guest Speaker for University Writing Center Tutors. North Carolina State University.
- Eads, Amanda. 2014. Language as a Cultural Crossroad. Office of International Services International Student Event. North Carolina State University.
- Dunstan, Stephany and Amanda Eads. 2014. Language in the Academic Classroom. Guest Speaker for Women in Engineering Organization. North Carolina State University.
- Eads, Amanda. 2013. Teaching Unplugged: Technology in the Classroom. English Australia: MEET ELT. Sydney, Australia. July 2013.

Workshops

- Bellevance, Sarah and Amanda Eads. 2025. The GAMM-ification of Nasals. Workshop for NYU Linguistics Acoustics Phonetics Class. March 18, 2025.
- McAllister, Tara and Amanda Eads. 2025. Ultrasound Biofeedback for Clinical Speech Applications. Workshop for NYU Clinical Masters students. January 29, 2025.
- Eads, Amanda. 2024. Praat for Speech Science. Workshop for NYU Communicative Sciences & Disorders Doctoral Students. June 27, 2024.
- McAllister, Tara and Amanda Eads. 2022-23. Visualizing Speech to Enhance Treatment Outcomes in Communication Disorders. Workshop for NYU Clinical Immersions. Semesterly 2022-23.
- Eads, Amanda. 2019. Using Ultrasound for Language Science Research. Workshop for Penn State faculty and students, hosted by the Speech, Language & Cognition Lab. Multiple workshops.
- Eads, Amanda. 2018. VOT and Reaction Time Coding using Praat Scripts. Workshop for the Language & Aging Lab, Penn State University. October & November 2018.
- Eads, Amanda. 2016. Using Praat in an ESL Classroom. Workshop for Lebanese Fulbright Scholars. North Carolina State University, August 17, 2016.
- Eads, Amanda. 2016. Basics of Tweet Mining. Workshop for Lebanese Fulbright Scholars. North Carolina State University, August 17, 2016.

Conference Talks

- Eads, A., Kim, T., Lazarus, R., Leece, M.C., Hitchcock, E., Preston, J., McFee, B., Shu, H., & McAllister, T. (Submitted). Identifying clinically relevant articulatory patterns within perceptually inaccurate rhotic productions using self-supervised learning on lingual ultrasound data. Madonna Rehabilitation Motor Speech Conference. Tempe, Arizona. February 2026.

- Lara, M.P., Eads, A., Shiller, D., Preston, J., Hitchcock, E., & McAllister, T. (Submitted). Does Speech Treatment Affect Perception? Evidence From a Randomized Trial in Children With RSSD. Madonna Rehabilitation Motor Speech Conference. Tempe, Arizona. February 2026.
- McAllister, T., Traver, P., Eads, A., Haack, W., Carey, H., Shan, Y., Liang, W., & Park, T.H. (2025). Accessible Delivery of Visual-Acoustic Biofeedback for Speech Sound Disorder. *INTERSPEECH*. Rotterdam, Netherlands. August 2025.
- Eads, A., Oh, J., Paz Lara, M., Preston, J., & McAllister, T. (2024). Do tongue shapes predict acoustics in American English rhotics? 187th Meeting of the Acoustical Society of America. Virtual. November 2024.
- Eads, A., Khater, J., & Mielke, J. (2024). An Articulatory Investigation of Arabic Emphatic and Guttural Consonants using Ultrasound. Annual Symposium of Arabic Linguistics. Brooklyn, NY. February 2024.
- Álvarez Retamales, J., Belevance, S., Eads, A., Katson, A., McCollum, A., Mitra, A., & Davidson, L. (2024). Vowel Nasalization Does Not Cue Ambisyllabicity in American English Nasals: Evidence from Nasometry. Annual Meeting of the Linguistic Society of America. NYC, NY. January 2024.
- Eads, A., Kearney, E., Koda, A., Medina, I., Hitchcock, E., Shiller, D., Guenther, F., & McAllister, T. (2023). Auditory Perturbation-Derived Sensory Profiles of Children with and without Residual Distortions of American English /ɹ/. American Speech Language and Hearing Association Convention. Boston, MA. November 2023.
- Eads, A., Kearney, E., Koda, A., Medina, I., Hitchcock, E., Shiller, D., Guenther, F., & McAllister, T. (2023). Auditory Acuity and Response to Altered Auditory Feedback in Children with and without Residual Speech Sound Disorder. International Conference of Phonetic Sciences. Prague, Czech Republic. August 2023.
- Eads, A., Kearney, E., Koda, A., Medina, I., Hitchcock, E., Shiller, D., Guenther, F., & McAllister, T. (2023). Sensory Acuity and SimpleDIVA Modeling of Response to Altered Auditory Feedback in Children with and without Residual Speech Sound Disorder. Boston Speech Motor Control Symposium. Boston, MA. June 2023.
- Whalen, D., Tiede, M., Chen, W.R., Iwasaki, R., & Eads, A. (2022). Measuring Pivot Strength in Ultrasound Images of the Tongue. Ultrafest X. Manchester, England. November 2022.
- Eads, A., Kabakoff, H., King, H., Preston, J., & McAllister, T. (2022). An Articulatory Analysis of American English /ɹ/ in Typically Developing Children and Children Receiving Ultrasound Biofeedback. Ultrafest X. Manchester, England. November 2022.
- Eads, A., Kabakoff, H., King, H., Preston, J., & McAllister, T. (2022). Tongue Shapes for American English /ɹ/ in Children with and without History of Residual Speech Sound Disorder. International Conference on Child Phonology. Virtual. June 2022.
- Eads, Amanda. 2022. Why do children's English /ɹ/ tongue shapes matter? NYU Steinhardt 10th Annual Research Showcase. April 20, 2022.
- Eads, Amanda, Blanchette, Frances, De La Rosa, Johan, Harman, Amanda and Li Fang Lai. 2021. The Prosody of the Pennsylvania Dutch Question. New Ways of Analyzing Variation. Virtual. October 2021.
- Eads, Amanda. 2018. Syrian-Lebanese in Grand Rapids: Ethnic Identity Construction through Chronotopes of Nostalgia. Multifaceted Multilingualism Workshop at the annual meeting of The Australian Linguistic Society. Adelaide, Australia. December 2018.
- Eads, Amanda and Jessica Hatcher. 2017. Educating the Educated: The Role of University-Based Linguistic Diversity Programs. College English Association 48th Annual Conference. Hilton Head Island, SC. March 2017.
- Eads, Amanda. 2017. Lebanese Resonations: A Multidimensional Analysis of Being and Sounding Lebanese in the U.S. Arab American Studies Association. Detroit, Michigan. March 2017.
- Eads, Amanda. 2017. Lebanese Resonations: Being Lebanese in Grand Rapids Michigan. Southeastern Conference on Linguistics. Charleston, SC. March 2017.
- Eads, Amanda, Jodi Khater and Jeff Mielke. Arabic L2 Acquisition: An Ultrasound Study of Emphatics and Gutturals. Arabic Second Language Acquisition Conference. Ann Arbor, Michigan. September 2016.
- Eads, Amanda. 2015. Lebanese-American in the South: Transition from Diasporic to Hyphenated Identity. Middle East Studies Association Annual Meeting, Denver Colorado, November 2015.
- Eads, Amanda. 2015. Lebanese-American in the South: Transition from Diasporic to Hyphenated Identity. Southeast Conference on Linguistics 82, Raleigh North Carolina, April 2015.
- Eads, Amanda, Julija Stepanova, and Aparna Jacob. 2014. Preparing L2 learners for extensive reading through 'Reciprocal Teaching Strategies'. University English Centres Australia: PD Fest, Sydney

Australia, March 2014.

- Benson, Karen, Amanda Eads and Julija Stepanova. 2013. Preparing L2 learners for extensive reading through 'Reciprocal Teaching Strategies'. English Australia Conference, Perth Australia, September 2013.
- Wolfram, Walt, Hayley Heaton, and Amanda Eads. 2013. Lebanese English in the American South: Dialect Accommodation and Recession of Substrate. American Dialect Society. Portland, Oregon. January 2013.
- Eads, Amanda. 2012. The Emergence of Lebanese English in the American South: The Configuration of Substrate and Dialect Accommodation. Southeast Conference on Linguistics 79, Lexington, Kentucky. April 2012.
- Eads, Amanda. 2012. The Emergence of Lebanese English in the American South: The Configuration of Substrate and Dialect Accommodation. Undergraduate Student Conference on Language Variation and Language Contact, Ann Arbor, Michigan. March 2012.

Conference Posters

- Eads, A., Rosen, A., Lazarus, R., Leece, M., McAllister, T., Preston, J., & Hitchcock, E. (Accepted). From Practice to Conversation: Speech Sound Generalization in Children. American Speech Language and Hearing Association Annual Convention. Washington DC. November 2025.
- Lara, M., Eads, A., Shiller, D., Preston, J., Hitchcock, E., & McAllister, T. (Accepted). Changes in Speech Perception and Somatosensory Function After Treatment for Speech Sound Disorder. American Speech Language and Hearing Association Annual Convention. Washington DC. November 2025.
- Eads, A., Kabakoff, H., Benway, N.R., Hitchcock, E., Preston, J., & McAllister, T. (2025). PERCEPT-US: A multimodal American English child speech corpus specialized for articulatory feedback. INTERSPEECH, Rotterdam, Netherlands. August 2025.
- Eads, A., Kabakoff, H., King, H., Hitchcock, E., Preston, J., & McAllister, T. (2025). *The relationship between higher formants and tongue shapes in American English rhotics*. 5th Biennial Boston Speech Motor Control Symposium (BSMCS), Boston, MA. June 2025.
- Kabakoff, H., Eads, A., Preston, J., Tiede, M., Whalen, D.H., & McAllister, T. (2025). The status of tongue shape complexity in predicting speech outcomes for rhotic misarticulation. 5th Biennial Boston Speech Motor Control Symposium (BSMCS), Boston, MA. June 2025.
- Scheer, B., Eads, A., Kearney, E., Hitchcock, E., Guenther, F., & McAllister, T. (2025). FastAdapt: SimpleDIVA Model Fits to Child Speech Data from a Shortened Adaptive Protocol. 5th Biennial Boston Speech Motor Control Symposium (BSMCS), Boston, MA. June 2025.
- Lara, M.P., Eads, A., Shiller, D., Preston, J., Hitchcock, E., & McAllister, T. (2025). Changes in Auditory and Somatosensory Function After Treatment for Speech Sound Disorder. 5th Biennial Boston Speech Motor Control Symposium (BSMCS), Boston, MA. June 2025.
- Eads, A., Benway, N., Kim, T., McFee, B., Preston, J., Shu, H., & McAllister, T. (2024). Enhancing AI-based Speech Therapy through Acoustic to Articulatory Mapping. Poster presentation at NYU Bridging AI Innovation and Societal Impact Research Symposium. NYC, NY. April 2024.
- Swartz, M., Eads, A., McAllister, T., Hitchcock, E., & Preston, J. (2023). Attitudes Towards Communication and Social-Emotional Well-Being in Caregivers and Older Children with CAS and RSSD. Poster presentation at ASHA Convention, Boston, MA. November 2023. (Meritorious Poster Award)
- Ayala, S., Eads, A., Kabakoff, H., Hitchcock, E., Preston, J., McAllister, T. (2022). Auditory and somatosensory abilities of typically developing children. Poster presentation at ASHA Convention, New Orleans, LA. November 2022. (Meritorious Poster Award)
- Eads, A., Kabakoff, H., King, H., Preston, J., & McAllister, T. (2022). Articulatory Analyses of American English /ɹ/ in Typically Developing Children and Children Receiving Ultrasound Biofeedback. Poster presentation at ASHA Convention, New Orleans, LA. November 2022.
- Ayala, S., Eads, A., Kabakoff, H., Preston, J., Hitchcock, E., & McAllister, T. (2022). Auditory and Somatosensory Abilities of Children With and Without Residual Speech Sound Disorder. Poster presented at the International Child Conference on Phonology. Virtual. June 2022.

- Eads, A., Kabakoff, H., Boyce, S., Preston, J., Whalen, D.H., & McAllister, T. (2021). Stimulability as a Predictor of Response to Traditional and Ultrasound Biofeedback Treatment for Rhotic Misarticulation. Poster presented at the American Speech Language and Hearing Association Convention, Virtual. (Meritorious Poster Award)
- Eads, A., Kabakoff, H., Boyce, S., Preston, J., Whalen, D.H., & McAllister, T. (2021). Stimulability as a Predictor of Treatment Response in an Ultrasound Biofeedback Study of Rhotic Misarticulation. Poster presented at the 2021 Boston Speech Motor Control Symposium, Virtual.
- Diaz, M.T., Zhang, H., Cosgrove, A.L., Gertel, V.H., Karimi, H., Troutman, S.B.W., Barnum, O., Eads, A., Henderson, M., & Lebkeucher, A. (2020). [Neural sensitivity to close phonological neighbors is consistent across the lifespan](#). Poster presented at the 12th meeting of the Society for the Neurobiology of Language, Philadelphia, PA (virtual).
- Eads, Amanda. 2020. Lebanese Arabic Emphatic and Guttural Consonants: An Ultrasound Study. Linguistic Society of America 94th Annual Meeting. New Orleans, LA. January 2020.
- Eads, Amanda. 2019. Lebanese Arabic Emphatic and Guttural Consonants: An Ultrasound Study. Studying Language Disorders in Multilingual Populations: Student Research Symposium. University Park, PA. December 2019.
- Kaspar, Allison, Amanda Eads, and Tifani Biro. 2019. Analyzing Clear Speech Through Ultrasound. Studying Language Disorders in Multilingual Populations: Student Research Symposium. University Park, PA. December 2019.
- Eads, Amanda, Jodi Khater and Jeff Mielke. 2018. Heritage and L2 Learners' Acquisition of Arabic Emphatics and Gutturals: An Ultrasound Study. Young Scholars Speaker Series. University Park, PA. February 2019.
- Eads, Amanda, Jodi Khater and Jeff Mielke. 2018. Heritage and L2 Learners' Acquisition of Arabic Emphatics and Gutturals: An Ultrasound Study. Multidisciplinary Approaches to Child and Adult Language Acquisition: Implications for Learning and Teaching Across Educational Settings. University Park, PA. October 2018.
- Eads, Amanda. 2016. Immigrant Lebanese Code-Switching within Optimality Theory. Workshop on Arabic and Romance Languages at the Annual Arabic Symposium. Stony Brook University, NY, April 2016.
- Eads, Amanda. 2016. Immigrant Lebanese Code-Switching within Optimality Theory. Linguistic Society of America, Washington DC, January 2016.
- Eads, Amanda. 2015. The Sociolinguistic Significance of Lebanese Liquids: Production of /l/ and /r/ in Lebanese Arabic and English. New Ways of Analyzing Variation 44, Toronto Canada, October 2015.

Languages & Skills

Spoken: Arabic, English, Spanish

Tools: Amazon AWS, MATLAB, Montreal Forced Aligner/Kaldi, Praat, Python, R, REDCap

Experimental Software: AAA, Eprime, PsychoPy

Experimental Methods:

Trained in: Ultrasound, Electroencephalogram (EEG), Magnetoencephalography (MEG), Nasometry, and behavioral methods;

Familiarity with: Eye-tracking, Functional magnetic resonance imaging (fMRI), and Electro Magnetic Articulography (EMA)

Professional Affiliations (Active membership denoted with *)

*Acoustical Society of America (ASA)

American Dialect Society (ADS)

*American Speech Language and Hearing Association (ASHA)

Annual Symposium of Arabic Linguistics (ASAL)

Arab American Studies Association (AASA)

*Boston Speech Motor Control Symposium (BSMCS)

*International Speech Communication Association (ISCA)

Linguistic Society of America (LSA)

Middle East Studies Association (MESA)

*National Student Speech Language and Hearing Association (NSSLHA)

*Society of Women Engineers (SWE)

Southeast Conference on Linguistics (SECOL)