

SARA BENHAM, Ph.D., CCC-SLP

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EMPLOYMENT

2021-current **Postdoctoral Fellow**
Department of Psychological and Brain Sciences
Indiana University, Bloomington, IN
Advisor: Linda Smith, Cognitive Development Lab

EDUCATION

2017-2021 **Ph.D. in Speech, Language, and Hearing Sciences**
University of Texas at Dallas, Richardson, TX
Chair/Advisor: Lisa Goffman; Committee: Christine Dollaghan, William Katz, Jun Wang
Dissertation: *Phonological organization in the production of novel words in typical and atypical language development*

2013-2016 **M.S. in Speech-Language Pathology**
Purdue University, West Lafayette, IN
Chair/Advisor: Lisa Goffman; Committee: Laurence Leonard, Françoise Brosseau-Lapré
Thesis: *Deficits in sound pattern sequencing in children with specific language impairment: A networks approach*

2006 **B.A. in Spanish**
Southwestern University, Georgetown, TX

GRANTS & FELLOWSHIPS

2021-current NIH T32 NICHD HD007475, Training Program in Integrative Developmental Process
(PI: Linda Smith, Indiana University)

Withdrawn NIH F32 NIDCD DC019815 National Research Service Award
(PI: **Sara Benham**, Impact Score: 25, recommended for funding)

2019-2021 NIH F31 NIDCD DC017904, National Research Service Award
Novel Phonological Sequence Learning in Early Typical and Atypical Development
(PI: **Sara Benham**, Co-Sponsors: Lisa Goffman & Jun Wang)

2019-2021 Eugene McDermott Graduate Fellowship, University of Texas at Dallas

2019 Linguistic Society of America Summer Linguistic Institute Fellowship, Davis, CA
(*Coursework in articulatory phonology, laboratory phonology, lexical theory, and prosody*)

- 2019 Dean of Graduate Education Dissertation Research Award, University of Texas at Dallas
- 2015-2016 NIH T32 NIDCD DC000030, Predoctoral Trainee in Communicative Disorders
(PI: Laurence Leonard, Purdue University)

PEER-REVIEWED ARTICLES

Goffman, L., Myers, B., **Benham, S.** Brown, L. (*in prep*). Speech motor deficits in the production of highly familiar words in children with developmental language disorder.

Benham, S., Goffman, L. (*in press*). A longitudinal study of the phonological organisation of novel word forms in children with developmental language disorder. *International Journal of Speech-Language Pathology*

Benham, S., Goffman, L. (2020). Lexical-semantic cues induce sound pattern stability in children with developmental language disorder. *Journal of Speech, Language, and Hearing Sciences*, 63(12), 4109-4126.

Benham, S., Goffman, L., Schweickert, R. (2018). An application of network science to phonological sequence learning in children with developmental language disorder. *Journal of Speech, Language, and Hearing Sciences*, 61(9), 2275-2291.

INVITED TALKS

Invited panelist, (September 2020) *Office of Research/Office of Graduate Education NIH Fellowship Awardee Panel*, The University of Texas at Dallas.

Benham, S., Goffman, L. (May 2019) *Network Science Contributions to Characterizing the Phonological Structure of Novel Word Learning in Typical and Atypical Language Development*, Oral presentation at “How systems learn, change, and self-organize: Insights from network science,” Emerging Area of Research workshop, Indiana University, Bloomington, IN.

CONFERENCE PRESENTATIONS

Myers, I., **Benham, S.**, Goffman, L. (June 2021) *Deficits in Articulatory Organization in the Production of Familiar Words in Children with Developmental Language Disorder*, Poster presented at the annual Symposium on Research in Child Language Disorders.

Benham, S. (November 2020) *Using Network Science to Assess Speech Patterns in Novel Word Learning in Children with Typical and Atypical Language Development*, Oral presentation at ‘Using Network Science to Understand Language’ Symposium at Psychonomics Conference.

Benham, S., Goffman, L. (*postponed until 2022*) *Emerging Phonological Systematicity in Children with Typical and Atypical Language Development*, Oral presentation at “Building Linguistic Systems” conference, York, UK.

Goffman, L., **Benham, S.**, & Vuolo, J. (June 2019) *Deficits in the Production of Phonological Form as a Core Feature of Developmental Language Disorder*, Oral presentation at the annual International Child Phonology Conference, Montreal, Quebec, Canada.

Benham, S. & Goffman, L. (June 2019) *Articulatory and Phonological Methods for Assessing Speech Production Variability in Typical and Atypical Language Development*, Poster presented at the annual International Child Phonology Conference, Montreal, Quebec, Canada.

Benham, S. & Goffman, L. (June 2019) *The Role of a Lexical Referent in Stabilizing Speech Production in Children with Developmental Language Disorder*, Poster presented at the annual Symposium on Research in Child Language Disorders, Madison, WI.

Benham, S., & Goffman, L. (June 2018) *Segment and Syllable Relationships in Novel Word Learning in Children with Typical and Atypical Language Development*, Poster presented at annual LabPhon16 Conference, Lisbon, Portugal.

Goffman, L., **Benham, S.**, & Gladfelter, A. (June 2018) *Phonological Sequencing Deficits in Spoken and Signed Words in Children with Developmental Language Disorder*, Poster presented at annual LabPhon16 Conference, Lisbon, Portugal.

Benham, S., & Goffman, L. (June 2017) *Lexical and Phonological Effects of Nonwords on Children with Developmental Language Disorder*, Oral presentation at annual International Child Phonology Conference, Washington, D.C.

Benham, S., Goffman, L., & Schweickert, R. (October 2016) *An Application of Network Science to Speech Production in Children with SLI*, Oral presentation at the Winer Conference on Network Science in Cognitive Structures, West Lafayette, IN.

Benham, S., & Goffman, L. (June 2016). *Deficits in Sound Pattern Sequencing in Children with SLI: A Networks Approach*. Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI.

Vuolo, J., **Benham, S.**, & Goffman, L. (March 2016). *Speech Motor Control and Language Load in Typical and Atypical Learners*. Oral presentation at the International Motor Speech Conference, Newport Beach, CA.

Benham, S., & Goffman, L. (June 2015). *Differential Effects of Motor and Phonetic Variability on Speech Production in Children with SLI*. Poster presented at annual International Child Phonology Conference, St. John's, Newfoundland & Labrador, Canada.

Benham, S., & Goffman, L. (November 2014). *The Relationship of Language, Motor, and Speech Profiles to the Acquisition of a Novel Word*. Poster presented at annual American Speech-Language-Hearing Association, Orlando, FL.

DEPARTMENTAL PRESENTATIONS

Benham, S. (October 2018) *Novel Phonological Sequence Learning in Typical and Atypical Language Development*, Oral presentation at the departmental FLASH seminar, University of Texas at Dallas, Dallas, TX.

Fearing, L., **Benham, S.**, Tensmeyer, E., & Goffman, L. (February 2018) *Markedness and Speech Errors in Nonword Repetition in Children with Developmental Language Disorder*, Poster presented at the Callier Promotion of Academic and Clinical Excellence Student Research Forum, University of Texas at Dallas, Richardson, TX.

Benham, S., & Goffman, L. (April 2017) *Phonological Sequences in Words and Nonwords in Children with Developmental Language Disorders: A Networks Approach*, Oral presentation at the departmental FLASH seminar, University of Texas at Dallas, Dallas, TX.

Benham, S., & Goffman, L. (March 2017) *Production of Segments and Syllable Structures in Nonwords in Children with Developmental Language Disorders*, Poster presented at the Callier Promotion of Academic and Clinical Excellence Student Research Forum, University of Texas at Dallas, Richardson, TX.

Benham, S., Goffman, L., & Schweickert, R. (October 2016) *An Application of Network Science to Speech Production in Children with SLI*, Oral presentation at the SLHS Department Proseminar, Purdue University, West Lafayette, IN.

TEACHING EXPERIENCE

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| 2020 | Graduate Teaching Certificate Program, University of Texas at Dallas |
| 2020 | Teaching assistant, Language Acquisition (COMD 6307), University of Texas at Dallas |
| 2019 | Guest lecturer, Grant Writing (HCS 6315), University of Texas at Dallas (<i>Lecture on NIH F31 grant preparation and reviews from a student perspective</i>) |
| 2016 | Guest lecturer, Speech Disorders in Children (SLHS 519), Purdue University (<i>Lectures on oral motor assessment, speech assessment, and assessment of culturally and linguistically diverse populations</i>) |

AWARDS & HONORS

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| 2020 | ASHA Lessons for Success Program attendee |
| 2019 | ASHA Research Mentoring-Pair Travel Award to attend ASHA Research Symposium (Mentor: Elena Plante), Orlando, FL |
| 2019 | Prix d'excellence pour communication scientifique (<i>Student Award for Excellence in Scientific Communication</i>) for poster presentation at the International Child Phonology Conference, Montreal, Quebec, Canada |
| 2019 | Symposium on Research in Child Language Disorders; Mayor Paul National Travel Award |
| 2017-2019 | UTD Departmental Travel Award (annually) |
| 2016 | Symposium on Research in Child Language Disorders Travel Award |
| 2016 | Purdue Graduate Student Government Travel Award |

LICENSURE & CLINICAL EXPERIENCE

- 2021 American Speech-Language-Hearing Association Certificate of Clinical Competence in Speech-Language Pathology
- 2018-2021 Clinical Fellow, Callier Center for Communication Disorders, The University of Texas at Dallas
(Clinical experiences in preschool language disorders, Spanish-English speech and language assessments, pediatric speech and language evaluations)
- 2018 Center for Children and Families Developmental Screening Fair, Spanish/English speech-language screening, Dallas, TX
- 2014 Volunteer clinician, motor and aquatic therapy program (PETE's PALs), Purdue University, Lafayette, IN

SERVICE CONTRIBUTIONS

- 2021 Panelist on SLP & AuD collaboration at Central Michigan University NSSLHA chapter
- 2020 Reviewer for the International Journal of Speech-Language Pathology
- 2020 Mentored review for the Journal of Speech, Language, and Hearing Sciences (for ASHA Research Symposium, with Elena Plante)
- 2018 Mentored review for the Journal of Speech, Language, and Hearing Sciences (with Lisa Goffman)
- 2016 Mentored review for the International Journal of Language and Communication Disorders (with Lisa Goffman)
- 2015 Member, Communication Sciences Review Committee, annual ASHA Conference

MENTORSHIP

- 2019-2021 Julia LaFond, M.S. student in Speech-Language Pathology, Eugene McDermott scholar
Capstone: *Duration analysis to identify covert contrast in the production of novel words*

PROFESSIONAL AFFILIATIONS

- Women in Network Science
- American Speech-Language-Hearing Association
- International Congress on Infant Studies

ANALYTIC AND STATISTICAL PROGRAMS

- Programs for language analysis: SALT
- Programs for speech analysis: Praat, Phon
- Programs for statistical computation and graphics: SPSS, Statistica, Gephi, NodeXL
- Programming languages: Matlab

LANGUAGES

Fluent in English and Spanish