

# Sarah Lynn (McNeil) Neiling, M.A., CCC-SLP

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## EDUCATION

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**PhD** Speech, Language, & Hearing Sciences Aug 2020-expected Aug 2024  
**Minor** Health Behavior, Health Promotion *The University of Arizona*  
PRIDE doctoral training grant  
*Preparing Researchers in Early Intervention for Children with Disabilities from Multicultural Environments*  
*Advisor: Dr. Mary Alt*

**MA** Speech & Hearing Sciences Aug 2014-June 2016  
STEPS program *Indiana University Bloomington*  
*Speech Therapy, Education, Practicum, and Services for Latino Children and Families*  
**Thesis:** Verb argument structure treatment for Spanish-English dual language learners with language impairment  
*Advisor: Dr. Raquel Anderson*

**BS** Speech & Hearing Sciences Aug 2011-June 2014  
**Minors** Linguistics and Spanish *Indiana University Bloomington*  
STARS program  
*Science, Technology, and Research Scholars*  
*Advisor: Dr. Laura Murray*

## RESEARCH EXPERIENCE

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Graduate Researcher Aug 2020-Present  
**Dr. Mary Alt's L4 Lab** *The University of Arizona*

- Dissertation: Modifying a previously existing dynamic assessment procedure for Developmental Language Disorder to test the feasibility and diagnostic accuracy of various measurement features (e.g., administration in one or both languages) with Spanish-English speaking preschoolers.
- Created and implemented single-subject design study of Verb Acquisition and Usage for Late Talkers (VAULT) for Spanish/Spanish-English late talkers to examine feasibility of train-the-trainer, caregiver-implemented service delivery model.

- Designed and implemented survey and interview study to explore social validity and barriers in telehealth for Latine children who were late talkers or had risk factors for late talking.
- Collaborated to design and implement virtual, caregiver-implemented VAULT treatment study.
- Collected data virtually for Profiles of Working Memory for Educational Research (POWER) study, investigating links between word learning and working memory.

Graduate Researcher

Jul 2021-Present

**Dr. Christina Cutshaw's Lab & Research Group on Child Development, Education and Policy**

*The University of Arizona*

- Investigating how the social determinants of health impact speech-language therapy service receipt for young children via statistical modeling.

Graduate Research Assistant

Aug 2015-May 2016

**Dr. Steven Lulich's Speech Lab**

*Indiana University*

- Administered and troubleshooted experimental procedure that recorded 4D ultrasound images of the tongue using an accelerometer, camera, and microphone during the running speech of first graders.
- Collected, transferred, and analyzed data for 10-12 hours per week.

Master's Thesis

Nov 2014-May 2016

**Dr. Raquel Anderson, mentor**

*Indiana University*

- Developed and launched treatment study for ditransitive verbs based on theoretical models for bilingual children with language impairment.

Undergraduate Researcher, STARS Program

Aug 2011-May 2014

**Dr. Laura Murray's Adult Language & Cognition Lab**

*Indiana University*

- Conducted a project on acquired brain injury in collaboration with two other undergraduate students, which we presented at annual poster sessions.
- Prepared and administered tests, and processed data for an investigation on how Parkinson's Disease affected reading comprehension.

## PUBLICATIONS

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**Neiling, S. L.,** Castillo, C. I., & Alt, M. (submitted). Telehealth Access and Social Validity of Early Intervention Practices for Mexican/Mexican American Families in the Southwest US.

Alt, M., Hunter, D., Levy, R., **Neiling, S. L.,** Leon, K., Arizmendi, G., Cowan, N., & Gray, S. (under review). Spanish-English bilingual children and their monolingual English peers share an invariant working memory structure but differ in some performance levels.

**Neiling, S. L.,** & Cutshaw, C. A. (2023). In support of a public health approach to late talking [Commentary]. *American Journal of Speech-Language Pathology*, 32(3), 1376-1382. [https://doi.org/10.1044/2023\\_AJSLP-22-00357](https://doi.org/10.1044/2023_AJSLP-22-00357)

Mettler, H. M., **Neiling, S. L.,** Figueroa, C. R., Evans-Reitz, N., & Alt, M. (2023). Vocabulary Acquisition and Usage for Late Talkers: The feasibility of a caregiver-implemented telehealth model. *Journal of Speech, Language, and Hearing Research*, 66(1), 257-275. [https://doi.org/10.1044/2022\\_JSLHR-22-00285](https://doi.org/10.1044/2022_JSLHR-22-00285)

Foley, O., **McNeil, S.,** Schlimm, K., Piper, A., & Lulich, S. (2016, April). Rhotic articulation by first graders: A real-time three-dimensional ultrasound study. *The Journal of the Acoustical Society of America*, 139(4), 2219-2219. <https://doi.org/10.1121/1.4950649>

## PRESENTATIONS

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White, M., & **Neiling, S. L.** (accepted, 2024, April 13). *Language evaluations for school-age children* [Oral presentation]. Arizona Speech-Language-Hearing Association Convention, Tucson, AZ. <https://www.arsha.org/arsha-2024-convention/>

**Neiling, S. L.,** & Alt, M. (2023, November 18). *The feasibility and acceptability of coaching Latine caregivers on word-learning treatment via telehealth* [Poster presentation]. American Speech-Language Hearing Association Convention, Boston, MA. <https://convention.asha.org/>

**Neiling, S. L.,** Castillo, C., & Alt, M. (2023, November 17). *Technology access and socially acceptable telehealth practices for Latine caregivers* [Poster presentation]. American Speech-Language Hearing Association Convention, Boston, MA. <https://convention.asha.org/>

\*Meritorious poster submission

**Neiling, S. L.,** Alt, M., & Márquez, I. (2022, June 3). *Train-the-trainer models: Exploring their feasibility to increase service reach* [Poster presentation]. The Symposium on Research in Child Language Disorders, Madison, WI. <https://srclconference.com/>

**Neiling, S. L.,** Alt, M., & Márquez, I. (2021, August 23). *Exploring the social validity of telehealth-based language interventions for young Latine children* [Poster presentation]. Late Talker Workshop 2021, Virtual. [https://warwick.ac.uk/fac/cross\\_fac/ias/calendar/late-talker-workshop-2021/](https://warwick.ac.uk/fac/cross_fac/ias/calendar/late-talker-workshop-2021/)

Mettler, H. M., Alt, M., Figueroa, C. R., **Neiling, S. L.**, & Evans-Reitz, N. E. (2021, August 23). *The feasibility of translating an expressive vocabulary treatment for late-talking toddlers to a caregiver-implemented model* [Poster presentation]. Late Talker Workshop 2021, Virtual. [https://warwick.ac.uk/fac/cross\\_fac/ias/calendar/late-talker-workshop-2021/](https://warwick.ac.uk/fac/cross_fac/ias/calendar/late-talker-workshop-2021/)

**Neiling, S. L.**, Alt, M., & Marquez, I. (2021, June 3-4). *Exploring the social validity of telehealth-based language interventions for young Latine children* [Poster presentation]. The Symposium on Research in Child Language Disorders, Virtual. <https://srldconference.com/>

Mettler, H. M., Alt, M., Figueroa, C. R., **Neiling, S. L.**, & Evans-Reitz, N. E. (2021, June 3-4). *The feasibility of translating an expressive vocabulary treatment for late-talking toddlers to a caregiver-implemented model* [Poster presentation]. The Symposium on Research in Child Language Disorders, Virtual. <https://srldconference.com/>

**Neiling, S. L.**, Metter, H., & Erikson-Pyarelal, J. (2021, Apr 6.). *Communication disorders and when to refer* [virtual lecture]. The University of Arizona College of Medicine Child & Adolescent Psychiatry Fellowship Program [invited].

**McNeil, S.** & Anderson, R. (2015, November). *Verb treatment for Spanish-English dual language learners with language impairment* [Poster presentation]. American Speech-Language Hearing Association Convention, Denver, CO.

**McNeil, S.** & Murray, L. (2014, April). *Informativeness efficiency in adults with acquired brain injury following social skills training* [Platform speaker presentation]. 16th Annual Indiana University Science Technology and Research Scholars Symposium, Bloomington, IN.

O'Dell, O., **McNeil, S.**, & Murray, L. (2013, November). *Informativeness efficiency & cohesion in adults with acquired brain injury* [Poster presentation]. 19th Annual Indiana University Undergraduate Research Conference, Bloomington, IN.

## GRANTS & APPLIED SCHOLARSHIPS

P.E.O. Scholar Award

October 2022

**P.E.O. International**

*Applied (not funded):* \$20,000

*Nominated award with application, partial support for research and study*

Student and Early Career Council Dissertation Research Funding Award May 2022  
**Society for Research in Child Development** *Applied (not funded): \$2,000*  
*Dynamic Assessment of Developmental Language Disorder for Spanish-English Preschoolers*

Graduate and Professional Student Council Research and Projects Grant Apr 2022  
**The University of Arizona** *Funded: \$1,480*  
*Dynamic Assessment of Developmental Language Disorder for Spanish-English Preschoolers*

Student Research Grant in Early Childhood Language Development Nov 2021-Dec 2022  
**American Speech-Language-Hearing Foundation** *Funded: \$2,000*  
*Telehealth & Train-the-Trainer Service Delivery Models for Word-Learning Treatment*  
*(VAULT): A Single-Case Experimental Study with Latine Late Talkers*

## EMPLOYMENT

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Clinical Supervisor Aug 2021-Aug 2022  
**Speech, Language, & Hearing Clinic** *The University of Arizona*  

- Supervised one graduate clinician per semester with a Spanish-English bilingual client.

Speech-Language Pathologist Aug 2016-May 2020  
**Early Childhood & K-5** *MSD Pike Township*  

- Evaluated linguistically diverse preschool students with culturally and linguistically appropriate assessments.
- Created, implemented, and monitored Individualized Education Plans for students with challenges ranging from needs to initiate communication to needs to form phonological distinctions.
- Composed and led professional developments as needed for preschool staff.
- Designed and piloted a research-based universal kindergarten screener and a push-in Response to Intervention program for kindergarteners that district Speech-Language Pathologists could also implement.

Speech-Language Pathologist June 2019-June 2020  
**Early Intervention First Steps** *Children's Therapy Connection*  

- Provided speech-language therapy services for children from birth to three years of age in a naturalistic environment in Indianapolis, IN.
- Focused on coaching Spanish-speaking caregivers.

## HONORS & AWARDS

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Galileo Circle Student Scholarship <i>The University of Arizona</i>	Apr 2023
Department Service Award <i>The University of Arizona</i>	Mar 2023
Distinguished Early Career Professional Certificate <i>American Speech-Language-Hearing Association</i>	Sep 2022
Student Award <i>Symposium on Research in Child Language Disorders (SRCLD)</i>	June 2022
Galileo Circle Student Scholarship <i>The University of Arizona</i>	Apr 2022
Student Award <i>Symposium on Research in Child Language Disorders (SRCLD)</i>	June 2021
Donors Choose Grant (crowdfunded grant for K-12 educators) <i>Donors Choose</i>	Oct 2018
Norvelle Master's Student Achievement Award <i>Indiana University</i>	May 2016
Dorothy G. Evans Fellowship <i>Indiana University</i>	2014-2015
Highest Achievement Award in BS major <i>Indiana University</i>	May 2014
Highest Distinction for BS degree <i>Indiana University</i>	May 2014
Executive Dean's List <i>Indiana University</i>	2011-2014

## TEACHING & MENTORING

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Mentor Jan 2021-Present

**Lab Independent Study Students** *The University of Arizona*

- Mentoring undergraduate and graduate (MS) independent study students to perform lab tasks.
  - Current: 5 undergraduates; historic total: 10 undergraduates, 4 graduates.
- Trained and supervised students in administering assessments, qualitative coding, conducting language sample analysis, recording intervention doses, checking fidelity to intervention procedures, inputting and transferring data, recruiting participants, and creating instructional materials for participants.

Guest Lecturer Mar, Apr 2024

**SLHS 435/535: Bilingualism, Multiculturalism, and Nonmainstream Dialects**

*The University of Arizona*

- Taught 3 classes (combined undergraduates and graduates) in person on bilingual language intervention and working with interpreters.

Instructor Jan 2023-May 2023

**SLHS 435/535: Bilingualism, Multiculturalism, and Nonmainstream Dialects**

*The University of Arizona*

- Taught 15 students (10 undergraduate, 5 graduate) in person on multilingual and multidialectal language development and disorders with a focus on culturally and linguistically responsive practices.

Guest Lecturer Sep 9, 2022

**SLHS 207: Survey of Communication Disorders**

*The University of Arizona*

- Lectured one class on early speech and language development for 53 undergraduates, in person.

Teaching Team Member Jan 2022-May 2022

**SLHS 441/541: Language Acquisition**

*The University of Arizona*

- Taught two in-person classes on 1) theories of bilingual language acquisition and 2) dialect for 52 undergraduates and graduate students.
- Graded select written assignments (e.g., article reviews).

Guest Lecturer Jan 31, 2022

**SLHS 207: Survey of Communication Disorders**

*The University of Arizona*

- Lectured one class on early speech and language development for 22 undergraduates, in a hybrid format.

Guest Lecturer Sep 20, 2021  
**SLHS 207: Survey of Communication Disorders** *The University of Arizona*

- Lectured one class on early speech and language development for 71 undergraduates, in person.

Mentor May 2021-Aug 2021  
**Undergraduate Biology Research Program** *The University of Arizona*

- Mentored 9 undergraduate students interested in pursuing research careers in weekly meetings and seminars.

Teaching Team Member Jan 2021-May 2021  
**SLHS 441/541: Language Acquisition** *The University of Arizona*

- Taught live classes of 70 students virtually on language sample analysis (LSA).
- Recorded mini-lectures on multilingual and cultural diversity in language acquisition.
- Co-created four-part LSA project instructions and rubric with instructor.

Volunteer Tutor Feb 2019-May 2019  
**ELL Community Classroom** *Indy Reads*

- Taught, reviewed, and expanded on lessons for adult English Language Learners once a week for three hours.

Graduate Teaching Assistant Aug 2014-May 2015  
**SPHS 110: Survey of Communication Disorders** *Indiana University*

- Taught two weeks of classes and attended every lecture.
- Tutored students during weekly office hours.
- Administered and graded examinations and weekly assessments for over 50 undergraduate students per semester.

Volunteer Tutor Apr 2013-Jul 2013  
**Aprendo Contigo** *Aprendo Contigo*

- Tutored and played with children in Children's Hospital (Hospital del Niño) in Lima, Peru.



## SERVICE & OUTREACH

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Co-Leader Aug 2023-Present

**PhD Brown Bags** *The University of Arizona*

- Co-planning and leading monthly meetings for PhD students in Speech, Language, & Hearing Sciences to provide peer mentoring and discuss relevant research topics, such as Implementation Science and antiracism in research.

Presenter Nov 2022

**Dynamic Assessment** *Tucson Unified School District*

- Presented a virtual professional development for 36 speech-language pathologists on dynamic assessment for multilingual children at a local school district.

Presenter Sep 2022

**Coaching and Language Intervention Trainings** *Easterseals Blake Foundation*

- Presented a professional development training on Teach-Model-Coach-Review as a coaching model and on Vocabulary Acquisition and Usage for Late Talkers (VAULT) as an intervention for late talkers for 9 parent educators in the Parents As Teachers program.

Presenter Mar 2022

**Assessing Multilingual Children** *Tucson Unified School District*

- Co-presented a virtual professional development for speech-language pathologists on evidence-based assessment for multilingual children at a local school district.

Moderator Mar 2022

**Speech, Language & Learning Intervention Research Symposium** *Arizona State University*

- Moderated two talks in virtual conference.

Speaker Mar 2021

**Social Justice in Teaching Talk** *The University of Arizona*

- Presented a talk on how to incorporate social justice into teaching and clinical practice for the SLHS department Equity and Inclusion meeting, consisting of faculty and staff.

Grant Reviewer Fall 2020-Fall 2022

**Graduate & Professional Student Council** *The University of Arizona*

- Reviewing selected grants submitted by graduate students at The University of Arizona each grant cycle (3x/year).

Group Founder and Leader Aug 2020-May 2023  
**STudents for AntiRacism (STAR)** *The University of Arizona*

- Lead bi-weekly accountability and antiracism group meetings for graduate students in the Speech, Language, & Hearing Sciences department.

Team Member Aug 2019-May 2020  
**Early Learning Center “Core Team”** *MSD Pike Township*

- Assisted teachers in strategizing and implementing evidence-based interventions for students in need of learning and/or behavioral support.

Committee Member Aug 2018-Jun 2019  
**Literacy Committee** *MSD Pike Township*

- Collaborated with other school professionals to plan and conduct school-wide literacy night.

## LANGUAGES

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English (proficient)

Spanish (professional proficiency)

## PROFESSIONAL AFFILIATIONS

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American Speech-Language-Hearing Association (ASHA)	2016-Present
ASHA Special Interest Group 14: Cultural and Linguistic Diversity	2018- Present
ASHA Special Interest Group 1: Language Learning and Education	2018-2020
National Student Speech Language Hearing Association (NSSLHA)	2013-2014