

EDUCATION

PhD Speech, Language, and Hearing Sciences, University of Arizona, 2023
Minor in Cognitive Science

Dissertation: Science vocabulary knowledge and science achievement of children with and without developmental language disorder

Chair: Mary Alt, PhD, CCC-SLP

MS Speech-Language Pathology, University of Arizona, 2016

BA Linguistics, *cum laude*, University of Oregon, Clark Honors College, 2012

ACADEMIC APPOINTMENTS

2023- **Postdoctoral research associate**

Mentor: Melissa Delgado, PhD

University of Arizona

Human Development and Family Science, Norton School of Ecology

Department of Speech, Language, and Hearing Sciences

PUBLICATIONS

2021 Alt, M., Figueroa, C. R., Mettler, H. M., Evans-Reitz, N., & **Erikson, J. A.** A Vocabulary Acquisition and Usage for Late Talkers (VAULT) treatment efficacy study: The effect of input utterance length and identification of responder profiles. *Journal of Speech, Language, and Hearing Research*, 64(4), 1235-1255.
https://doi.org/10.1044/2020_JSLHR-20-00525

2020 Kapa, L. L. & **Erikson, J. A.** The relationship between word learning and executive function in preschoolers with and without developmental language disorder. *Journal of Speech, Language, and Hearing Research*, 63(7), 2293-2307.
https://doi.org/10.1044/2020_JSLHR-19-00342

2020 Alt, M. Mettler, H., **Erikson, J. A.**, Figueroa, C., Eters-Thomas, S., Arizmendi, G. D. & Oglivie, T. Exploring input parameters in an expressive vocabulary treatment with late talkers. *Journal of Speech, Language, and Hearing Research*, 63(1), 216-233.
https://doi.org/10.1044/2019_JSLHR-19-00219

2019 Kapa, L. L. & **Erikson, J. A.** Variability of executive function performance in preschoolers with developmental language disorder. *Seminars in Speech and Language*, 40(4), 243-255. <https://doi.org/10.1055/s-0039-1692723>

2018 **Erikson, J. A.**, Alt, M., Gray, S., Green, S., Hogan, T. P., & Cowan, N. Phonological vulnerability for school-aged Spanish-English-speaking bilingual children. *International Journal of Bilingual Education and Bilingualism*, 24(5), 736-756.
<https://doi.org/10.1080/13670050.2018.1510892>

PRESENTATIONS

- 2022 **Erikson, J. A.**, Alt, M., & Pyarelal, A. (November 17-19). Science vocabulary and language skills predict science achievement in students with and without DLD. [Poster presentation] American Speech-Language-Hearing Association (ASHA) Convention, New Orleans, LA, United States (virtual).
- 2022 **Erikson, J. A.**, Alt, M., & Pyarelal, A. (June 3). Science vocabulary knowledge and science achievement for children with and without developmental language disorder. [Poster presentation] Symposium on Research in Child Language Disorders (SRCLD), U. of Wisconsin-Madison, Madison, WI, United States.
- 2021 **Erikson, J. A.**, Schoelen, S., Alt, M., & Pyarelal, A. (June 4). A low language alternative for measuring academic science vocabulary depth. [Poster presentation] Symposium on Research in Child Language Disorders (SRCLD), U. of Wisconsin-Madison, Madison, WI, United States (virtual).
- 2019 Kapa, L., Vovakes, A., & **Erikson, J.** (November 23). Phonotactic probability & neighborhood density effects on word learning in preschoolers with & without DLD. [Poster presentation] American Speech-Language-Hearing Association Convention, Orlando, FL, United States.
- 2017 Kapa, L. L., **Erikson, J.**, Plante, E. & Vance, R. (June 10). Executive function and word learning in preschool-age children with SLI. [Poster presentation] Symposium on Research in Child Language Disorders (SRCLD), U. of Wisconsin-Madison, Madison, WI, United States.
- 2016 **Erikson, J.**, Alt, M., Gray, S., Hogan, T., Green, S., & Cowan, N. (June 17). Phonological transfer during word learning: Evidence from bilingual school-age Spanish-English-speaking children. [Oral presentation] Symposium on Research in Child Language Disorders (SRCLD), U. of Wisconsin-Madison, Madison, WI, United States.
- 2012 **Erikson, J.** & Rine Butler, E. (March). A microanalysis of the language socialization of one international teaching assistant: Closing a dialogic lecture in the classroom. [Oral presentation] Annual Conference for the American Association of Applied Linguistics (AAAL), Boston, MA, United States.

HONORS, AWARDS, AND ASSISTANTSHIPS

- 2020-23 Graduate research assistantship supported by (NIH-NIDCD R01 DC010784)
- 2021 Titans of the Field Scholarship (\$3,000) (Department of Speech, Language, & Hearing Sciences, U. of Arizona)
- 2021 U. of Arizona Graduate and Professional Student Council Research and Project (ReaP) Grant (\$957)
- 2016-2021 Galileo Circle Scholar Award (\$1,000 per award)
- 2018-19 Graduate research assistantship supported by (NIH-NIDCD R01 DC010784)

2017	Grunewald Fellowship (\$10,000)
2017	Speech, Language, & Hearing Sciences Department Travel Award
2017	University of Arizona Graduate and Professional Student Council Travel Grant
2014-17	Graduate teaching assistantship
2016	American Speech-Language-Hearing Association (ASHA) Research Mentoring-Pair Travel Award
2016	Travel Award, Symposium on Research in Child Language Disorders (SRCLD)
2016	University of Arizona Graduate and Professional Student Council Travel Grant
2014	Cassandra Davis Scholarship
2011	McNair Scholar

TEACHING EXPERIENCE

Language Science (undergraduate course)

Main instructor – Summer 2017 (in-person) – 5 days/week for 5 weeks, 8 students

Teaching assistant – Fall 2014-17 (in-person)

Guest lecturer – Fall 2017 (in-person) – Topic: Morphology (3 classes)

Guest lecturer – Fall 2015 (in-person) – Topic: Bilingual phonology (1 class)

Phonetics/Speech Science (undergraduate course)

Teaching assistant (in-person) – Spring 2015-16, 2018

Anatomy and Physiology of the Speech Mechanism (undergraduate course)

Teaching assistant (in-person) – Spring 2017

RESEARCH EXPERIENCE

2013-2023 Graduate student researcher

L4 Lab (Mary Alt, PhD, CCC-SLP), Department of Speech, Language, & Hearing Sciences, University of Arizona

Dissertation research: The relation between science vocabulary (breadth, depth) and academic achievement for school-aged children with developmental language disorder and typical language development (Note: Completion was delayed due to COVID-19)

Other research projects:

- Parameters for language treatment in late-talking toddlers
- Phonological errors produced by monolingual English-speaking and bilingual Spanish-English-speaking children during novel word learning (master's thesis)

- 2018-2023 **Project coordinator for Profiles of Working Memory for Educational Research (POWER) multi-site, longitudinal NIH-funded project**
L4 Lab (Mary Alt, PhD, CCC-SLP), Department of Speech, Language, & Hearing Sciences, University of Arizona
- In cooperation with project directors at Arizona State University and U. of Arizona, organization and execution of recruitment, assessment and task procedures, training/management of research assistants (up to 35 research assistants at one time), and other tasks related to study implementation
- 2017-2019 **Graduate student researcher**
Language & Cognition Lab (Leah Kapa, PhD), Department of Speech, Language, & Hearing Sciences, University of Arizona
- Executive function and word learning in children with developmental language disorder and typical language development
- 2013-14 **Graduate student researcher**
Bilingual Phonology Lab (Leah Fabiano-Smith, PhD, CCC-SLP), Department of Speech, Language, & Hearing Sciences, University of Arizona
- Analysis of speech sounds produced by monolingual & bilingual Spanish-English-speaking children differing in socioeconomic status
- 2011 **McNair scholar – undergraduate student researcher**
Emily Rine Butler, PhD, Department of Linguistics, University of Oregon
- A qualitative analysis exploring second language acquisition within a language socialization framework, focusing on the language socialization of one international teaching assistant learning how to end a dialogic lecture
- 2010, 2012 **Honors thesis – undergraduate student researcher**
Institute on Collaborative Language Research (CoLang 2010) at University of Oregon, mentored by Drs. Spike Gildea (Oregon) and Sérgio Meira (Max Planck)
- Data collection and analysis of Wapishana phonology, morphology, and syntax with emphasis on the morphological structure of nominalized verbs; data collected in 2010; honors thesis completed in 2012

CLINICAL EXPERIENCE

- 2019-2020 Speech-pathologist, Tucson Unified School District, Tucson, AZ

PROFESSIONAL SERVICE AND COMMUNITY INVOLVEMENT

- 2023 **Subject-matter expert for updates to ASHA Practice Portal pages**
- 2021 **Member of peer-led learning community, University of Arizona (Spring)**

- 2021 **Manuscript review for *Journal of Speech, Language, and Hearing Research***
Collaborated with Leah Kapa, PhD
- 2021 **Manuscript review for *Journal of Experimental Child Psychology***
- 2021 **Guest lecture on childhood communication disorders with Heidi Mettler, MS, CCC-SLP, and Sarah Lynn Neiling, MA, CCC-SLP, University of Arizona (April)**
Guest lecture (2 hours via Zoom) for psychiatry fellows (4 students) – topics included common speech and language disorders in children and adolescents, strategies for supporting patients, and discussion of case studies
- 2020 **L4 Lab outreach/recruitment presentation, University of Arizona (September)**
Virtual presentation and question/answer period with undergraduate club, Neuroscience and Cognitive Science Association of Students (NSCSAS)
- 2018 **Manuscript review for *Journal of Speech, Language, and Hearing Research***
Collaborated with Mary Alt, PhD
- 2016 **Manuscript review for *Journal of Speech, Language, and Hearing Research* as part of ASHA Research Mentor-Pair Travel Award (RMPTA)**
Collaborated with program mentor, James Montgomery, PhD

PROFESSIONAL AND SCHOLARLY MEMBERSHIPS

- 2023- Society for Research on Adolescence
- 2020- American Speech-Language-Hearing Association (ASHA)
- 2014-2019 National Student Speech Language Hearing Association (NSSLHA)
- 2012- Phi Beta Kappa Society