

Kristi Hendrickson
Communication Sciences and Disorders
Report includes June 1, 2007 to April 26, 2022

Campus Address: 121C Speech and Hearing Center Department of Communication Sciences and Disorders,
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EDUCATION AND PROFESSIONAL HISTORY

Higher Education

2016 **PhD**, Joint Doctoral Program in Language and Communicative Disorders, University of California, San Diego and San Diego State University
Thesis: The ontogeny of meaningful auditory processing
2007 **BA**, Psychology and Political Science, Graduated *cum laude*
University of California, Davis

Professional and Academic Positions

2018 - present **Assistant Professor**, Communication Sciences and Disorders, University of Iowa
2017 - 2018 **Postdoctoral Research Scholar**, Psychological and Brain Sciences, University of Iowa
2017 **Research Associate and Adjunct Professor**, Communication Sciences and Disorders,
University of Iowa
2011 - 2016 **Doctoral Researcher**, Language and Communicative Disorders, University of California,
San Diego
2009 - 2011 **Research Associate**, Linguistics, UCLA
2007 - 2009 **Lab Manager**, Psychology, University of California, Davis

Licensures and Certifications

2018 **Certificate of Clinical Competence - Speech Language Pathology**, American Speech and
Hearing Association

Honors and Awards

2020 **Meritorious Poster Submission**
American Speech-Language-Hearing Association Convention 2020
2019 **Lessons for Success Recipient**
American Speech-Language-Hearing Association Academic and Research Mentoring
Network
2016 **Travel Award**
University of California, San Diego Graduate Student Association
2015 **NIMH funding for the UC-Davis ERP Boot Camp**
Awarded to selected PhD-level researcher scientists/faculty
2014 **Travel Award**
San Diego State University College of Health and Human Services
2014 **Travel Award**
International Association for the Study of Child Language
2013 **Research Award**
California State University Research Competition
2013 **President's Award**
San Diego State University Student Research Symposium
2013 **Library Award**
San Diego State University Student Research Symposium

2013

Travel Award
 Boston University Conference on Child Development

Memberships

2019 - Present Society for Psychophysiological Research
 2019 - Present American Speech-Language-Hearing Association
 2019 - Present Society for Research in Child Development

TEACHING**Courses Taught at the University of Iowa**

Term	Course#	Title	Ten-Day Enrollment
Spring 2022	CSD:6538:0001	Adv. Topics in Speech, Language, & Hearing Research	16
Spring 2022	CSD:3118:0AAA	Language Acquisition	90
Fall 2021	CSD:4098:3582 (003:098:582)	Honors Thesis	1
Fall 2021	IBA:3992:5358	IBA Research in Biomedical Science	1
Fall 2021	CSD:7590:4703	Research	2
Fall 2021	CSD:3993:3649	Research Practicum	4
Fall 2021	CSD:6538:0001	Seminar: Hearing Science	8
Fall 2021	CSD:5104	Language Disorders: School-Aged Children	22
Spring 2021	CSD:6538:0001	Seminar: Hearing Science	5
Spring 2021	CSD:3993:2637	Research Practicum	3
Spring 2021	CSD:7590:1516	Research	2
Spring 2021	CSD:4186:1945	Probs: Sp/Hearing Processes & Disorders	1
Spring 2021	CSD:3118:0AAA	Language Acquisition	89
Spring 2021	CSD:4098:1568	Honors Thesis	2
Spring 2021	CSD:4148:0001	Developmental Speech Disorders	82
Fall 2020	CSD:4098:9463	Honors Thesis	1
Fall 2020	CSD:5206:0001	Language Disorders: Birth to 5 Years	14
Fall 2020	CSD:5104:0001	Language Disorders: School-Aged Children	23
Fall 2020	CSD:7590:0271	Research	1
Fall 2020	CSD:6538:0001	Seminar: Hearing Science	8

Term	Course#	Title	Ten-Day Enrollment
Spring 2020	CSD:3993:7399	Research Practicum	5
Spring 2020	CSD:7590:8603	Research	1
Spring 2020	CSD:3118	Language Acquisition	88
Spring 2020	CSD:4098:7224	Honors Thesis	1
Spring 2020	CSD:4148:0001	Developmental Speech Disorders	82
Fall 2019	CSD:3993:5016	Research Practicum	6
Fall 2019	CSD:7590:5777	Research	1
Fall 2019	CSD:5206:0001	Language Disorders: Birth to 5 Years	17
Fall 2019	CSD:4098:4975	Honors Thesis	1
Summer 2019	CSD:7590:4935	Research	1
Spring 2019	CSD:3993:3960	Research Practicum	5
Spring 2019	CSD:7590:3818	Research	2
Spring 2019	CSD:3118	Language Acquisition	88
Fall 2018	CSD:4145	Developmental Language Disorders	66
Fall 2018	CSD:5206:0001	Language Disorders: Birth to 5 Years	14
Fall 2018	CSD:3993:2704	Research Practicum	1
Fall 2017	CSD:5206:0001	Language Disorders: Birth to 5 Years	25
Spring 2017	CSD:3118	Language Acquisition	65
Fall 2016	CSD:4145	Developmental Language Disorders	46

Student Mentoring

AuD - Capstone Project, Co-Chair

2018 - 2022 Hanson, Emily; *completed*

Master's Thesis Committee Chair

2020- 2022 Sagan, Anna; *completed*

2021- present Lee, Nadine; *in progress*

2021-present Van Hovel, Monica; *in progress*

Master's Thesis Committee Member

2021 Gutierrez, Desi; *completed*

BA - Directed Individual/Independent Study

2022	Flores, Melanie; <i>in progress</i>
2021-present	Dennis, Elizabeth; <i>in progress</i>
2021-present	Sanchez Malendez, Hector (Iowa Biosciences Academy & ICRU recipient); <i>in progress</i>
2019 - present	Filippini, Morgan; <i>in progress</i>
2021-present	Garcia, Emily (Public Policy Center Student Research Fellow); <i>in progress</i>
2018 - 2021	Roblez-Muñoz, Bianca; <i>Completed</i>

BA - Undergraduate Honors Thesis

2021 - present	Upadhyay, Saloni; <i>in Progress</i>
2019 - Present	O'Donnell, Hannah (ICRU scholarship recipient); <i>in Progress</i>
2018 - 2021	Bay, Katlyn (ICRU scholarship recipient); <i>completed</i>
2018 - 2021	Verdick, Hailey (ICRU scholarship recipient); <i>completed</i>
2018 - 2020	Meyer, Lindsey (ICRU scholarship recipient); <i>completed</i>
2018 - 2020	Spinelli, Jessica (ICRU scholarship recipient); <i>completed</i>

PhD - Comprehension Exam, Chair

2021	Kim, Jina; <i>completed</i>
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PhD - Dissertation Committee Chair

2019 - 2021	Jordan, Larissa; <i>completed</i>
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PhD – Research Advisory Committee

2021	Kim, Jina; <i>completed</i>
2021	Jeppsen, Charlotte; <i>completed</i>

PhD - Dissertation Committee Member

2021	Sapp, Caitlyn; <i>completed</i>
2020	Smith, Francis; <i>completed</i>
2020	Sarrett, McCall; <i>completed</i>
2020	Klein, Kelsey; <i>completed</i>
2019	Gerlach, Hope; <i>completed</i>

SCHOLARSHIP
Publications

CLAS * System * = Senior Author, Major Contribution, ** = Secondary Contribution *** = Equal Contribution, **** = Minor Contribution

Refereed Articles

1. **Kingsbury, S., Khvalabov, N., Stirn, J., Held, C., Fleckenstein, S.M., **Hendrickson, K.**, Walker, E.A. (2022). Barriers to Equity in Pediatric Hearing Healthcare: A Review of the Evidence. *Perspectives of the ASHA Special Interest Group*, 1-12. https://doi.org/10.1044/2021_PERSP-21-00188
2. ***Hendrickson, K.**, Apfelbaum, K., Goodwin, C., Blomquist, C., Klein, K., & McMurray, B. (2021). The profile of real-time competition in spoken and written word recognition: more similar than different. *Quarterly Journal of Experimental Psychology*. Advance online publication. doi:10.1177/17470218211056842

3. ***Hendrickson, K.** & Ernest, D. (2021). The recognition of whispered speech in real-time. *Ear and Hearing*. Advance online publication. doi:10.1097/AUD.0000000000001114.
4. ***Hendrickson, K.**, Oleson, J., & Walker, E. (2021). School-Age Children Adapt the Dynamics of Lexical Competition in Suboptimal Listening Conditions. *Child Development*, 92(2), 638–649. doi:10.1111/cdev.13530
5. **Smolak, E., **Hendrickson, K.**, Zesiger, P., Poulin-Dubois, D., & Friend, M. (2021). Visual and haptic responses as measures of word comprehension and speed of processing in toddlers: Relative predictive utility. *Journal of Experimental Child Psychology*, 203, 105032. doi:10.1016/j.jecp.2020.105032
6. ***Hendrickson, K.**, Spinelli, J., & Walker, E. (2020). Cognitive processes underlying spoken word recognition during soft speech. *Cognition*, 198, 104196. doi:10.1016/j.cognition.2020.104196
7. ***Hendrickson, K.**, Love, T., Walenski, M., & Friend, M. (2019). The organization of words and environmental sounds in the 2nd year: Behavioral and Electrophysiological evidence. *Developmental Science*, 22(1), 1-16. doi:10.1111/desc.12746
8. **DeAnda, S., **Hendrickson, K.**, Zesiger, P., Poulin-Dubois, D., & Friend, M. (2018). Lexical access in the second year: a study of monolingual and bilingual vocabulary development. *Bilingualism: Language and Cognition*, 21(2), 314-327. doi: 10.1017/S1366728917000220
9. ***Hendrickson, K.**, Poulin-Dubois, D., Zesiger, P., & Friend, M. (2017). Assessing a continuum of lexical-semantic knowledge in the 2nd year: A multimodal approach. *Journal of Experimental Child Psychology*, 158, 95-111. doi:10.1016/j.jecp.2017.01.003
10. ***Hendrickson, K.**, & Sundara, M. (2017). Fourteen-month-olds' decontextualized understanding of words for absent objects. *Journal of Child Language*, 44(1), 239-254. doi:10.1017/S0305000915000756
11. ***Hendrickson, K.**, Mitsven, S., Poulin-Dubois, D., Zesiger, P., Friend, M. (2015). Looking and touching: What extant approaches reveal about the structure of early word knowledge. *Developmental Science*, 18(5), 723-735. doi:10.1111/desc.12250
12. ***Hendrickson, K.**, Friend, M., Walenski, M., & Love, T. (2015). The organization of words and environmental sounds in memory. *Neuropsychologia*, 69, 67- 76. doi:10.1016/j.neuropsychologia.2015.01.035

Non-refereed Articles

1. **DeAnda, S., **Hendrickson, K.**, Zesiger, P., Poulin-Dubois, D., & Friend, M. (2016). Lexical Access in the Second Year: a Cross-linguistic Investigation of Monolingual and Bilingual Vocabulary Development. *San Diego Linguistics Papers*, 6, 14-28.

Conference Proceeding

1. **DeAnda, S., **Hendrickson, K.**, Zesiger, P., Poulin-Dubois, D., & Friend, M. (2017). Lexical Access in Monolingual and Bilingual Vocabulary Development. In *Proceedings of the 41st annual Boston University Conference on Language Development*. Sommerville, MA: Cascadilla Press.
2. ***Hendrickson, K.**, & Friend, M. (2013). Quantifying the relationship between infants' haptic and visual response to word-object pairings. In *Proceedings of the 37th annual Boston University Conference on Language Development*. Sommerville, MA: Cascadilla Press.

Publications Under Review

Journal Articles

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| 2022 | *Kim, J., Meyer, L., & Hendrickson, K. (under review). The role of orthography and phonology in written word recognition: Evidence from eye-tracking in the Visual World Paradigm. <i>JSLHR</i> |
| 2022 | * Hendrickson, K. & Bay, K. (under review). Speech sound categories affect lexical competition: Implications for analytic auditory training. <i>JSLHR</i> |

Areas of Research Interest

Word recognition, auditory-semantics, sentence processing, bilingualism, eye-tracking, EEG

Grants and Contracts

CURRENT RESEARCH

Funded

NIH/NIDCD R01DC020143

Role: PI, 09/2022–8/2027, \$2,326,361 (direct)

Language outcomes, mechanisms, and trajectories in adults with and without Developmental Language Disorder

NIH/NICHD R03HD102404

Role: PI, 05/2021–04/2023, \$100,000 (direct)

Word recognition in dual language learners: The mechanisms underlying listening and reading in two languages

NIH/NIDCD R01DC019081

Role: Co-I, 07/2021–06/20, \$2,829,627 (direct)

Factors associated with reading comprehension in adolescents who are hard of hearing

Hearing Health Foundation Emerging Research Grant

Role: PI, 06/2020–06/2022, \$30,000 (direct)

Neural Correlates of Semantic Memory Structure in Children who are Hard of Hearing

COMPLETED RESEARCH

DeLTA Center Outreach and Engagement Grant \$6,000

Role: PI

Promoting Language Acquisition in Youth

Obermann Center for Advanced Studies Interdisciplinary Research Grant

Role: Co-I

The influence of SES on spoken word recognition in school-aged children

NIH/NIDCD T32DC007361 9/1/2011–6/30/2014

Role: Student recipient

Neurocognitive Approaches to Communication Disorders

Invited Lectures and Conference Presentations

Department/University

2021	First-Generation Student Brain Research Workshop, guest lecturer
2019	Professional seminar, <i>The Cognitive Processes that Underlie How Listeners Recognize Words and Access Meaning</i> , Department of Communication Sciences and Disorders Iowa City, Iowa, United States Presenters/Authors: Hendrickson, Kristi
2019	Neurosurgery Research Conference. <i>The neurocognitive mechanisms underlying word recognition and semantic access</i> . Department of Neurosurgery, Iowa City IA United States Presenters/Authors: Hendrickson, Kristi

International - Conference Presentation

2016	* Hendrickson, K. , Love, T., Walenski, M., & Friend, M. (2016). Semantic organization of words and environmental sounds in 20-month-olds: An ERP study. Paper presented at the International Conference on Infant Studies, New Orleans, LA.
2014	* Hendrickson, K. , Poulin-Dubois, D., Zesiger, P., and Friend, M. (2014). The

- temporal dynamics of early behavioral measures of language. Paper presented at the International Association for the Study of Child Language, Amsterdam, NL
- 2014 ***Hendrickson, K.**, Friend, M., Walenski, M., & Love, T. (2014). The organization of words and environmental sounds in memory. Presented at the Neuroscience, Washington, DC

International - Poster

- 2014 ***Hendrickson, K.**, Friend, M., Walenski, M., & Love-Geffen, T. (2014). The ontogeny of differential sound processing: ERP evidence from infants and adults. Presented at the International Conference on Infant Studies, Berlin.
- 2010 ***Hendrickson, K.I.**, & Sundara, M. (2010). Emerging referential understanding of words by 14-month-olds. Poster at the 2nd Pan American / Iberian Meeting on Acoustics, Cancun.

National - Conference Presentation

- 2020 **Hendrickson, K.**, Goddwin, C., Klein, K., Blomquist, C., & McMurray, B. (2020). The mechanism underlying spoken and written word recognition. Accepted to the American Speech-Language-Hearing Association Convention, San Diego, CA.
- 2020 McCauley, S., Yoon, S.Y., **Hendrickson, K.**, & Tomblin, J.B. (2020). Direct vs. Indirect Effects of Early Language Abilities on Literacy Outcomes. Accepted to the American Speech-Language-Hearing Association Convention, San Diego, CA.
- 2019 Grieco-Calub, T., & **Hendrickson, K.** (2019). Beyond Word Recognition Accuracy: Using Real-Time Measures of Language Processing. Master Class presented at the American Speech-Language-Hearing Association Convention, Orlando, FL
- 2018 **Hendrickson, K.**, McMurray, B. (2018). Long-term maintenance of activation for Phonological competitors by CI Users. Paper presented at the American Speech Language-Hearing Association Convention, Boston, MA.
- 2018 **Hendrickson, K.**, McMurray, B. (2018). The dynamics of spoken and visual word recognition in school-aged children. Paper presented at the Boston University Conference on Language Development, Boston, MA

National - Poster

- 2021 ***Sarrett, M.E., Rhone, A.R., Shea, C., **Hendrickson, K.**, Muegge, J.B., Kovach, C.K., Dlouhy, B.J., & McMurray, B. (2021). Decoding within- and between-language lexical competition from intracranial EEG: a neurosurgical case report of a pediatric Spanish-English bilingual. Advances and Perspectives in Auditory Neuroscience
- 2020 ***Hendrickson, K.**, Yoon, S.O., McCauley, S., & Tomblin, J.B. (2020). The role of language and nonverbal cognitive abilities in reading fluency in the school-age years. Accepted to the American Speech-Language-Hearing Association Convention, San Diego, CA
- 2020 *Ernest, D., & **Hendrickson, K.** (2020). The Recognition of Whispered Speech in Real-time. Accepted to the American Speech-Language-Hearing Association Convention, San Diego, CA
- 2020 *Verdick, H., & **Hendrickson, K.** (2020). The Structure of Semantic Memory in School-Age Children: An ERP Study. Accepted to the American Speech-Language-Hearing Association Convention, San Diego, CA.
- 2019 *Spinelli, J., Walker, E., & **Hendrickson, K.**, (2019). The Dynamics of Spoken Word Recognition in the Presence of Soft Speech. Presented at the the American Speech-Language-Hearing Association Convention, Boston, MA.
- 2016 **DeAnda, S., **Hendrickson, K.**, Zesiger, P., Poulin-Dubois, D., & Friend, M. (2016) Lexical Access In the 2nd Year: A Cross-Linguistic Study of Monolingual and Bilingual Vocabulary Development. Presented at the Boston University Conference on Language Development, Boston, Massachusetts.
- 2014 ***Hendrickson, K.**, Friend, M., Walenski, M., & Love-Geffen, T. (2014). The neural

- response to spoken words and environment sounds in toddlers and adults. Presented at the Boston University Conference on Language Development, Boston, Massachusetts
- 2013 ***Hendrickson, K.I.**, Mitsven, S., Poulin-Dubois, D., Zesiger, P., Friend, M. (April 2013). Quantifying the Relationship between Infant Visual Attention, Reaching, and Lexical Knowledge. Presented at the Biennial Society for Research in Child Development Meeting, Seattle, WA.
- 2012 ***Hendrickson, K.I.**, & Friend, M. (2012). Quantifying the relationship between infants' haptic and visual response to word-object pairings. Presented at the Boston University Conference on Language Development, Boston, Massachusetts.
- 2009 ***Hendrickson, K.I.**, Farzin, F., Hagerman, R.J., Rivera, S.M. (April, 2009). Changing developmental trajectories in young infants with fragile X syndrome. Presented at the Biennial Society for Research in Child Development Meeting, Denver, CO.

SERVICE

Profession

- 2020 - Present American Speech-Language-Hearing Association, Convention Program Committee: Language and Learning in Children/Adolescents, Committee Assignment
- 2020 - Present Journal of Speech, Language, Hearing Research, Hearing, Editorial Board
- 2020 - Present International Journal of Speech-Language Pathology, Reviewer
- 2020 - Present Society for Psychological Research, program committee
- 2019 - Present Applied Psycholinguistics, reviewer
- 2019 - Present Ear and Hearing, reviewer
- 2019 Language, Cognition, and Neuroscience, reviewer
- 2019 - Present American Speech-Language-Hearing Association, Convention Program Committee: Language and Learning in Children/Adolescents
- 2019 PLOS ONE, reviewer
- 2018 Applied Psycholinguistics, review
- 2018 Prader-Willi Research Foundation, grant proposal reviewer
- 2018 Journal of Experimental Psychology: Human Perception and Performance, reviewer
- 2017 - 2018 Brain and Language, reviewer
- 2016 Child Development, reviewer
- 2015 NeuroImage, reviewer

Department

- 2020 - Present DEI committee
- 2019 - Present Undergraduate and graduate student advisor
- 2018 - Present PhD committee
- 2018 - Present Tenure-track and Clinical Faculty search committees (7 since 9/2018)
- 2018 - Present Master's Admissions committee

College

- 2022 Associate Director for the Discover, Engage, Inspire Program
- 2021 TOGETHER talk series on issues of health and education equity, faculty advisor
- 2019 - Present DeLTA Center Executive Board member

Media Contributions

- 2022 University of Iowa Writing Center Newsletter
- 2022 University of Iowa Writing Center Podcast, Episode 1
- 2019 Hearing Health Foundation magazine article

