

KATHRYN LYNNE CABBAGE

Department of Communication Disorders
McKay School of Education
Brigham Young University
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CURRICULUM VITA

EDUCATION

- 2013 Ph.D. University of Nebraska-Lincoln, Human Sciences with an emphasis in Communication Disorders, Co-Mentors: Drs. Tiffany P. Hogan and Thomas D. Carrell
Dissertation: *Perceptual skills underlying phonological deficits in children: Evidence from behavioral and electrophysiological measures of speech perception*
- 2005 Certificate of Clinical Competence in Speech-Language Pathology, American Speech-Language-Hearing Association
- 2004 M.S. Eastern Washington University, Communication Disorders – Speech-Language Pathology, awarded *summa cum laude*
- 2002 B.A. Eastern Washington University, Communication Disorders, awarded *summa cum laude*

PROFESSIONAL EXPERIENCE

- 06/2017 – present **Assistant Professor**, Department of Communication Disorders, Brigham Young University, Provo, UT
- 6/2017 – present **Director**, CabLab Research Laboratory, Brigham Young University, Provo, UT
- 03/2013-05/2017 **Postdoctoral Fellow and Project Director**, Speech & Language Literacy Lab, MGH Institute of Health Professions, Boston, MA; Mentor: Dr. Tiffany P. Hogan
- 08/2008-02/2013 **Barkley Scholar Graduate Research Assistant**, Speech Perception Laboratory and Link N Literacy Laboratory, University of Nebraska-Lincoln, Lincoln, NE; Co-mentors: Drs. Thomas D. Carrell and Dr. Tiffany P. Hogan

08/2004-08/2008 **Speech-Language Pathologist**, Richland School District, Richland, WA.

06/2004-08/2004 **Speech-Language Pathologist**, Extended School Year Services, East Valley School District, Spokane, WA.

CURRENT RESEARCH FUNDING

Principal Investigator, McKay School of Education Research Grant, Brigham Young University, *Speech delay and dyslexia in children: Testing the perception of global acoustic structure to aid diagnosis and early intervention*, (Total award: \$32,850), 2018-2019

Experiential Learning Grant, Brigham Young University, *Storybook comprehension in preschoolers with and without language impairment: Evidence from eye-tracking*, (Total award: \$16,680), 2019

COMPLETED RESEARCH FUNDING

Experiential Learning Grant, Brigham Young University, *Phonological processing in children with dyslexia: Analyzing nonword repetition error types*, (Total award: \$4800), 2018

STUDENT-SUPPORTED RESEARCH GRANTS

Mentor, Brigham Young University Office of Research and Creative Activities Student Grant 2018; awardee: Camille Nuttall (Total award: \$1800.00)

Mentor, Brigham Young University Mentored Undergraduate Research Award 2018, awardee: Jennifer Dietrick (Total award: \$2400.00)

Mentor, Brigham Young University Mentored Undergraduate Research Award 2018, awardee: Kelcie Morgan (Total award: \$2400.00)

PUBLICATIONS

REFEREED ARTICLES

Cabbage, K.L. (in press). Preface: Speech sound disorders in children. *Seminars in Speech and Language*.

Cabbage, K.L., Farquharson, K., Iuzzini-Siegel, J., Zuk, J., & Hogan, T.P. (2018). Exploring the overlap between dyslexia and speech sound production deficits. *Language, Speech, and Hearing Services in Schools*, 49, 774-786. DOI: 10.1044/2018_LSHSS-DYSLC-18-0008

Baron, L. S., Hogan, T. P., Alt, M., Gray, S., **Cabbage, K. L.**, Green, S., & Cowan, N. (2018).

Children with dyslexia benefit from orthographic facilitation during spoken word learning. *Journal of Speech Language Hearing Research*, 61(8), 2002-2014. DOI: 10.1044/2018_JSLHR-L-17-0336.

Zuk, J., Iuzzini-Seigel, J., **Cabbage, K.L.**, Green, J., & Hogan, T.P. (2018) Poor speech perception is not a core deficit of childhood apraxia of speech: Preliminary findings. *Journal of Speech, Language, and Hearing Research*, 61, 583-592.

Cabbage, K.L., Brinkley, S., Gray, S., Alt, M., Cowan, N., Green, S., Kuo, T., & Hogan, T.P. (2017) Assessing working memory in children: The Comprehensive Assessment Battery for Children – Working Memory (CABC-WM). *Journal of Visualized Experiments*, 12(124). doi: 10.3791/55121

Cowan, N., Hogan, T.P., Alt, M., Green, S., **Cabbage, K.L.**, Brinkley, S., & Gray, S. (2017) Short-term memory in childhood dyslexia: Deficient serial order in multiple modalities. *Dyslexia*, 23(3) 209-233. doi: 10.1002/dys.1557.

Alt, M., Hogan, T., Green, S., Gray, S., **Cabbage, K.L.**, & Cowan, N. (2017). Word learning deficits in children with dyslexia. *Journal of Speech, Language, and Hearing Research*, 60, 1012-1028. DOI: 10.1044/2016_JSHLR-L-16-0036

Cabbage, K.L., Hogan, T.P., & Carrell, T.D (2016). Speech perception differences in children with dyslexia and speech sound disorder. *Speech Communication*, 82, 14-25.

Cabbage, K.L., Farquharson, K.F., & Hogan, T.P. (2015). Speech perception and working memory in children with residual speech errors: A case study analysis. *Seminars in Speech and Language*, 36(4), 235-246.

BOOK CHAPTERS

Cabbage, K.L., & Hogan, T.P. (2014). Phonological awareness (development of). In P. Brooks & B. Kempe (Eds), *Encyclopedia of Language Development*. Thousand Oaks, CA: SAGE Publications.

OTHER

Cabbage, K.L. (2015). The role of speech perception in persistent speech sound disorder. *Perspectives on School-based issues*, 15, 18-24.

RESEARCH PRESENTATIONS

COMPETITIVELY REVIEWED RESEARCH PRESENTATIONS

*Stanley, C., *Morgan, K., **Cabbage, K.** Gray, S., Alt, M., Cowan, N., Green, S., & Hogan, T. (2018, November). Phonological processing in children with dyslexia: Analyzing

- nonword repetition error types. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Cabbage, K.L., & DeVeney, S.** (2018, November). *10 evidence-based tips to “revolutionize” your approach to target selection with pediatric speech sound disorders*. Invited seminar presented at the American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Cabbage, K.L., Hogan, T.P., Gray, S., Alt, M., Green, S., & Cowan, N.** (2018, July). *Characterizing nonword repetition production error patterns in children with dyslexia*. In symposium led by K. Farquharson, entitled, Exploring the relations between speech production and word reading in children with dyslexia, speech production deficits, or both. Society for the Scientific Study of Reading Annual Convention, Brighton, United Kingdom.
- Cabbage, K.L., & DeVeney, S.** (2017, November). *The ‘big picture’ on intervention decisions for children with speech sound disorders*. Seminar presented at the American Speech-Language-Hearing Association Annual Convention, Los Angeles, CA.
- Cabbage, K.L., & Hogan, T.P.** (2017, September). *The nature of speech perception in children with phonological deficits: Evidence from event-related potentials (ERP)*. Poster presentation at the Annual Meeting on Phonology at New York University, New York, NY.
- Baron, L., Hogan, T., Alt, M., Gray, S., **Cabbage, K.**, Limson, C., Brinkley, S., Green, S., & Cowan, N. (2015, November). *Orthographic influences on word learning by second-graders with comorbid dyslexia and specific language impairment*. Technical Talk at American Speech-Language-Hearing Association Annual Convention, Denver, CO.
- Farquharson, K. & **Cabbage, K.L.** (2015, November). *Changing minds about children with speech sound disorder: Speech perception and working memory*. Technical Talk, at American Speech-Language-Hearing Association Annual Convention, Denver, CO.
- Zuk, J., Iuzzini-Seigel, J, **Cabbage, K.**, Green, J., & Hogan, T. (2015, November). *Speech perception in childhood apraxia of speech: Language matters*. Technical Talk at American Speech-Language-Hearing Association Annual Convention, Denver, CO.
- Hogan, T., Alt, M., Gray, S., Baron, L., **Cabbage, K.L.**, Green, S., & Cowan, N. (2015, July). *Orthographic influences on word learning by second-graders with dyslexia and typical development*. Society for the Scientific Study of Reading, Waimea, HI.
- Cabbage, K.L., Hogan, T.P., & Carrell.** (2014, October). *Understanding phonological deficits in spoken and written language: The role of speech perception*. New England Research on Dyslexia Society, Boston, MA.
- Hogan, T.P., Gray, S., Alt, M., Green, S.B., **Cabbage, K.L.**, & Cowan, N. (2014, September). *Working memory deficits in children with dyslexia: Global or local?* Seventh European Working Memory Symposium, Edinburgh, Scotland.
- Cabbage, K.L., Carrell, T.D., Hogan, T.P., & Molfese, D.M.** (2013, November). *Speech perception processes in children with phonological deficits: Evidence from behavioral and electrophysiological measures*. Technical Talk, at American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- *Andersen, M.D, **Cabbage, K.L.**, Hogan, T.P., Molfese, D.L., & Carrell, T.D. (2013). *Behavioral and electrophysiological speech perception in children*. Poster presentation, University of Nebraska-Lincoln, undergraduate research fair.

- Cabbage, K.L., Hogan, T.P. & Carrell, T.D.** (2012, August). *Perceptual skills underlying phonological deficits in children*. European Graduate Summer School on Literacy Acquisition.
- Cabbage, K.L., Hogan, T.P. & Carrell, T.D.** (2012, June). *Speech perception processes in children with underspecified phonological representations*. International Child Phonology Conference, Minneapolis, MN.
- *Franzluebbers, C.E., **Cabbage, K.L., Hogan, T.P., & Molfese, D.L.** (2012). *Electrophysiological processing of speech*. Poster presentation, University of Nebraska-Lincoln, undergraduate research fair.
- Cabbage, K.L., Carrell, T.D., & Hogan, T.P.** (2011, November). *Amplitude modulation effects on speech perception in children and adults*. Poster presentation, at American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Cabbage, K.L. & Carrell, T.D.** (2011, May). *Investigating the interaction of acoustic manipulation and neighborhood density on spoken word recognition*. Poster presentation, the 161st biannual meeting of the Acoustical Society of America, Seattle, WA.
- Cabbage, K.L. & Carrell, T.D.** (2010, November). *Neighborhood density and the perception of acoustically sparse speech*. Poster presentation, American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Cabbage, K.L. & Tuomi, S.** (2004). *Phonological characteristics of identical twin children with phonological impairments*. Poster presentation, Washington Speech-Language-Hearing Association Annual Convention, Spokane, WA.

*denotes student mentored presentations

INVITED RESEARCH PRESENTATIONS

- Cabbage, K.L., & DeVeney, S.** (2018, September). *The matching game: Aligning evidence-based information with children's needs for speech sound disorder intervention*. Invited research presentation to the Nebraska Speech-Language-Hearing Association, Kearney, NE.
- Cabbage, K.L.** (2015, November). *The nature of phonological deficits in spoken and written language: The role of speech perception*. Invited research presentation to the Department of Communication Disorders, Brigham Young University, Provo, UT.
- Cabbage, K.L.** (2014, May). *Phonological deficits in children: Perception matters*. Invited research presentation to Haskins Laboratories, Director: Dr. Ken Pugh. Haskins Laboratories, New Haven, CT.
- Cabbage, K.L.** (2013, September). *Understanding the nature of phonological deficits: Evidence from behavioral and electrophysiological measures of speech perception*. Invited research presentation to Doctoral Seminar, MGH Institute of Health Professions, Boston, MA.
- Cabbage, K.L.** (2013, April). *Perceptual skills underlying phonological deficits in children*. Invited research presentation to Developmental Brain Laboratory, Director: Dr. Dennis L. Molfese. Psychology Department, University of Nebraska-Lincoln, Lincoln, NE.
- Cabbage, K.L.,** (2011, October). *Speech perception processes in children with underspecified phonological representations*. Communication Disorders Brown Bag, University of Nebraska-Lincoln, Lincoln, NE.

- Cabbage, K.L.**, (2011, February). *The effect of sampling rate on the interpretation of word recognition in sentences*. Communication Disorders Brown Bag, University of Nebraska-Lincoln, Lincoln, NE.
- Cabbage, K.L.** (2010, April). *Investigation of the structure of the mental lexicon using acoustically underspecified speech*. Communication Disorders Brown Bag, University of Nebraska – Lincoln, Lincoln, NE.

INVITED SEMINARS AND WORKSHOPS

- Cabbage, K.L.** (2019, January). *10 evidence-based tips to “revolutionize” your approach to target selection with pediatric speech sound disorders*. Invited seminar for Provo School District. Provo, UT.
- Cabbage, K.L.** (2018, May). *Phonological disorders in children: Optimizing treatment practices*. Invited evening seminar for Montclair State University. Montclair, NJ.
- Cabbage, K.L.** (2018, May). *Differentiating speech sound disorders to optimize treatment practices*. Invited half-day seminar for Jordan School District. West Jordan, UT.
- Cabbage, K.L.** (2016, October). *Literacy and Language: Specific Language Impairment*. Invited full-day seminar for Massachusetts General Hospital Literacy Conference. Boston, MA.
- Cabbage, K.L.** (2016, March). *Phonological Disorders in Children – Optimizing Treatment Practices*. Invited half-day seminar for Rhode Island Speech Language Hearing Association, Providence, RI.
- Cabbage, K.L.** (2016, March). *Language and Literacy: What SLPs Can (and should) Bring to the Table*. Invited half-day seminar for Rhode Island Speech Language Hearing Association, Providence, RI.
- Cabbage, K.L.** (2008). *Kindergarten Readiness: Your Child’s Speech, Language, and Literacy Development*. Parent Education Workshop for Richland School District, Richland, WA.

COURSES TAUGHT

PRIMARY INSTRUCTOR

- | | |
|-------------------|--|
| Fall 2017-present | <i>COMD 330 Language Development</i> , undergraduate requirement, Brigham Young University, Provo, UT, Assistant Professor. |
| Fall 2017-present | <i>COMD 351 Disorders of Articulation and Phonology</i> , undergraduate requirements, Brigham Young University, Provo, UT, Assistant Professor. |
| Summer 2016-2017 | <i>CSD 553 Language Acquisition</i> , graduate prerequisite, MGH Institute of Health Professions, Boston, MA, Adjunct Instructor |
| Spring 2014-2017 | <i>SLPA 6322 Language Literacy</i> , graduate requirement, Northeastern University, Boston, MA, Adjunct Instructor |
| Spring 2015-2017 | <i>CDIS-335 Introduction to Speech and Hearing Science</i> , online undergraduate requirement, University of Nebraska – Kearney, Kearney, MA, Adjunct Instructor |

- Fall 2015-2016 *CSD 823 Development and Disorders of Spoken and Written Language*, graduate requirement, MGH Institute of Health Professions, Boston, MA, Adjunct Instructor
- Spring 2011 *SLPA 250 Phonetics*, undergraduate requirement, University of Nebraska-Lincoln, Independent Instructor

CO-INSTRUCTOR

- Summer 2015-2016 *CD 826 Leading Literacy Change*, graduate elective, MGH Institute of Health Professions, Co-Instructor: Dr. Tiffany Hogan
- Fall 2011 *SLPA 851 Clinical Phonology* teaching assistant, graduate requirement, University of Nebraska-Lincoln, Co-Instructor: Dr. Tiffany Hogan
- Spring 2010 *SLPA 250 Phonetics Laboratory*, undergraduate requirement, University of Nebraska-Lincoln, Co-Instructor: Dr. Thomas Carrell
- Spring 2009 *SLPA 884 Speech and Language Development in Hearing-Impaired Populations*, graduate elective, University of Nebraska-Lincoln, Co-Instructor: Dr. Malinda Eccarius
- Spring 2003 *COMD 322 Neuroanatomy Laboratory*, undergraduate requirement, Eastern Washington University, Primary Instructor: Dr. Jane Pimentel
- Fall 2002 *COMD 321 Anatomy and Physiology of Speech Production Laboratory*, undergraduate requirement, Eastern Washington University, Primary Instructor: Dr. Jane Pimentel

GUEST LECTURER

- Spring 2015 *SLPA 6301 Speech Science*, Northeastern University, Primary Instructor: Dr. Jenya Iuzzini-Siegel, Lecture: Speech Perception.
- Fall 2013 *CD 197 Learning and Attentional Difficulties: Assessment and Teaching*, Tufts University, Primary Instructor: Dr. Samantha Daley, Lecture: Speech/Language
- Spring 2013 *SLPA 150 Introduction to Communication Disorders*, undergraduate requirement, University of Nebraska-Lincoln, Primary Instructor: Dr. Charles Healey, Lectures (3): Articulation and Phonology Development
- Fall 2012 *SLPA 150 Introduction to Communication Disorders*, undergraduate requirement, University of Nebraska-Lincoln, Primary Instructor: Dr. Charles Healey, Lectures (3): Articulation and Phonology Development

Spring 2010 *SLPA 456 Speech and Hearing Science*, undergraduate requirement,
University of Nebraska-Lincoln, Primary Instructor: Dr. Thomas Carrell
Lecture: Spectrogram Reading

STUDENT MENTORING

MASTER'S STUDENTS

Thesis Committee Chair

Mikayla Madsen, Department of Communication Disorders, Brigham Young University, 2018-2020

Emily Nicholls, Department of Communication Disorders, Brigham Young University, 2018-2020

Camille Stanley, Department of Communication Disorders, Brigham Young University, 2017-2019

Thesis Committee Member

Allison Barney, Department of Communication Disorders, Brigham Young University, 2018-2020

Courtney Gengler, Department of Communication Disorders, Brigham Young University, 2018-2020

Mollie McCurdy, Department of Communication Disorders, Brigham Young University, 2017-2019

Kacy Chapman, Department of Communication Disorders, Brigham Young University, 2017-2019

Karee Douglas, Department of Communication Disorders, Brigham Young University, 2017-2019

Mariah Romero, Department of Communication Disorders, Brigham Young University, 2017-2019

Kaitlyn Turner, Department of Communication Disorders, Brigham Young University, 2017-2018

Melissa Inkley, Department of Communication Disorders, Brigham Young University, 2017-2018

UNDERGRADUATE STUDENTS

Honors Thesis Committee Member

Elizabeth Craven, Department of Communication Disorders, Brigham Young University, 2018-2019

Brenna Nelson, Department of Communication Disorders, Brigham Young University, 2017-2019

Research Practicum Mentor

Linda George, Department of Communication Disorders, BYU, 2018-2019

Mallory Beckstrand, Department of Communication Disorders, BYU, 2018-2019

McKenzie Carpenter, Department of Communication Disorders, BYU, 2018-2019
 Shelby Slocum, Department of Communication Disorders, BYU, 2018-2019
 Kenna Mathews, Department of Communication Disorders, BYU, 2018-2019
 Alexander Ure, Department of Communication Disorders, BYU, 2018-2019
 Amelia Jackson, Department of Communication Disorders, BYU, 2018-2019
 Tara Frogget, Department of Communication Disorders, BYU, 2018
 Angela Johnson, Department of Communication Disorders, BYU, 2018
 Meghan Richards, Department of Communication Disorders, BYU, 2018
 Allyson Cowdell, Department of Communication Disorders, BYU, 2018
 Cassidy Sanchez, Department of Communication Disorders, BYU, 2018
 Veronica White, Department of Communication Disorders, BYU, 2018
 Angela Johnson, Department of Communication Disorders, BYU, 2018
 Maitlin Toth, Department of Communication Disorders, BYU, 2018
 McKayla Monson, Department of Communication Disorders, BYU, 2018
 Anahi DeRobles, Department of Communication Disorders, BYU, 2018
 Briel Garner, Department of Communication Disorders, BYU, 2018
 Jennifer Dietrick, Department of Communication Disorders, BYU, 2017-2019
 Emily Nicholls, Department of Communication Disorders, BYU, 2017-2018
 Megan Stephenson, Department of Communication Disorders, BYU, 2017-2018

AWARDS AND HONORS

2016	Invited Commencement Speaker, Eastern Washington University College of Health Science and Public Health
2012	Barkley Memorial Trust Travel Grant, \$800
2012	College of Education and Human Sciences Travel Grant, \$800
2011	New Century Doctoral Scholarship Award, American Speech-Language Hearing Foundation Award, \$10,000
2011	Barkley Memorial Trust Travel Grant, \$500
2010	College of Education and Human Sciences Travel Grant, \$250
2010	Preparing Future Faculty Fellow: nominated and accepted for participation
2008-2010	Barkley Scholarship, University of Nebraska-Lincoln
2004	Outstanding Graduate Student of the Year, Communication Disorders, Eastern Washington University
2002-2003	Graduate Teaching Fellowship Award, Eastern Washington University
2002	Outstanding Undergraduate Student of the Year, Communication Disorders, Eastern Washington University
1998-2001	Eastern Washington University Honors' Scholarship Award

SERVICE

DEPARTMENTAL SERVICE

- 2019-present** McKay School of Education Scientific Review Committee Member, Brigham Young University
- 2018-present** Faculty Advisor for the National Student Speech Language Hearing Association BYU Chapter
- 2018-2019** New Faculty Search Committee Member, Brigham Young University
- 2017-2018** New Faculty Search Committee Member, Brigham Young University
- 2017-present** Teaching Committee, Department of Communication Disorders, Brigham Young University
- 2010-2012** Co-Founder and Student Director of Special Education and Communication Disorders Doctoral Student Organization, University of Nebraska-Lincoln
- 2009-2010** Department Chair Search Committee, Student Representative, Special Education and Communication Disorders Department, University of Nebraska-Lincoln

COLLEGE SERVICE

- 2019-present** McKay School of Education Scientific Review Committee

REGIONAL SERVICE

- 2018-present** RiteCare of Utah, Board Member, Salt Lake City, UT

NATIONAL/INTERNATIONAL SERVICE

- 2019** Special Issue Guest Editor, *Seminars in Speech and Language*, Issue: *Speech Sound Disorders in Children*
- 2017-present** Speech sound disorders in children, Topic Committee Member, American Speech-Language-Hearing Association
- 2012** Speech sound disorders in children, Topic Committee Member, American Speech-Language-Hearing Association
- 2018** Reviewer, Annual Convention Speech Sound Disorders in Children Submissions, American Speech-Language-Hearing Association
- 2013-present** Ad hoc editorial consultant, *Journal of Speech, Language, and Hearing Research*, *American Journal of Speech-Language Pathology*, *Language, Speech, Hearing Services in Schools*, *Clinical Linguistics and Phonetics*, *Journal of Communication Disorders*, *Research in Developmental Disabilities*, *Assessment of Effective Intervention*, *Evidence-Based Practice Briefs*, *International Journal of Speech Pathology*, *Journal of Experimental Child Psychology*, *Journal of Visualized Experiments*, *Neuropsychological Rehabilitation*

PROFESSIONAL MEMBERSHIPS

- American Speech-Language-Hearing Association, Special Interest Divisions #1 and #5
 Society for the Scientific Study of Reading
 Acoustical Society of America,

Massachusetts Speech-Language-Hearing Association
Nebraska Speech-Language-Hearing Association
Washington Speech-Language-Hearing Association

ADVANCED TRAINING

- 2018 (Spring)** *ASHA's Research Mentoring (ARM) Network: Lessons for Success.*
Competitive 3-day mentored conference for early career investigators at
the American Speech-Language-Hearing Association, Rockville, MD
- 2014 (Winter)** *ASHA's Research Mentoring (ARM) Network: Pathways program.*
Competitive 2-day mentored workshop for graduate and post-graduate
fellow at the American Speech-Language-Hearing Association, Rockville,
MD
- 2011 (Summer)** *Developmental Brain Lab Bootcamp*, Small-group intensive 15-hour
training on methodological procedures for research involving event-
related potentials (ERP). Lab Director: Dr. Dennis Molfese, University of
Nebraska-Lincoln, Lincoln, NE
- 2011 (Spring)** *Write Winning Grants*, Grant Writers' Seminars and Workshops, day
seminar sponsored by the University of Nebraska-Lincoln, Lincoln, NE
- 2011 (Spring)** *Science: Becoming the Messenger*, Research dissemination seminar
sponsored by the National Science Foundation. Lincoln, NE