

TYSON G. HARMON

Brigham Young University

138 TLRB

Provo, UT 84602

Tyson_Harmon@byu.edu

801-422-1251

EDUCATION

- 2018 Ph.D., University of North Carolina at Chapel Hill, Speech & Hearing Sciences
Dissertation: *Communication partner attitudes, social and cognitive challenge, and spoken language in aphasia*, Co-advisors: Dr. Adam Jacks, Dr. Katarina Haley
- 2012 M.S., Brigham Young University, Communication Disorders
Thesis: *Accuracy of automated grammatical tagging of narrative language samples from Spanish-speaking children*, Advisor: Dr. Ron Channel
- 2010 B.S., Brigham Young University, Communication Disorders & Portuguese

PROFESSIONAL EXPERIENCE

- 2018-Present Assistant Professor, Department of Communication Disorders, Brigham Young University, Provo, UT
- 2013-2018 Research Assistant, University of North Carolina at Chapel Hill
- 2015 Clinical Supervisor, University of North Carolina at Chapel Hill
- 2012-2013 Speech-Language Pathologist, Northwest Texas Hospital, Amarillo, TX
- 2011-2012 Speech-Language Pathology Assistant, STS Inc., Salem, UT
- 2011-2012 Speech-Language Pathology Assistant, ABSI SLP, West Valley, UT

PUBLICATIONS

Peer-Reviewed Journal Articles

1. **Harmon, T. G.**, Jacks, A., Haley, K. L. (in press). Speech fluency in acquired apraxia of speech during narrative discourse: Group comparisons and dual task effects. *American Journal of Speech-Language Pathology*.
2. **Harmon, T. G.**, Jacks, A., Haley, K. L., Balliard, A. (in press). Dual task effects on story retell for participants with moderate, mild, or no aphasia: Quantitative and qualitative findings. *Journal of Speech, Language, and Hearing Research*.
3. Jacks, A., Haley, K. L., Bishop, G., **Harmon, T. G.** (in review). Sentence intelligibility in

adult stroke survivors: Human vs. computer. *Folia Phoniatrica et Logopaedica*.

4. **Harmon, T. G.**, Hardy, L. (Master's student), Haley, K. L. (2018). Proactive social validation of methods and procedures used for training speech production in aphasia. *Aphasiology*, 32(8):922-943.
5. Haley, K. L., Womack, J. L., **Harmon, T. G.**, McCulloch, K. L., Faldowski, R. A. (2018). Life activity choices by people with aphasia: Repeated interviews and proxy agreement. *Aphasiology*.
6. **Harmon, T. G.**, Jacks, A., Haley, K. L., Faldowski, R. A. (2016). Listener perceptions of simulated fluent speech in nonfluent aphasia. *Aphasiology*, 30(8), 922-942.
7. Haley, K. L., Shafer, J., **Harmon, T. G.**, Jacks, A. (2016). Recovering with acquired apraxia of speech: The first two years. *American Journal of Speech-Language Pathology*. 25(4S), S687-S696.
8. **Harmon, T. G.**, Fleck, S. (person with aphasia), Jacks, A. (2015). Learning about aphasia through experience: Descriptions of an interdisciplinary patient-centered seminar. *eHearsay: Electronic Journal of the Ohio Speech-Language Hearing Association*. 1(5), 29-35.
9. Haley, K. L., Womack, J. L., **Harmon, T. G.**, & Williams, S. W. (2015). Visual analog rating of mood by people with aphasia. *Topics in Stroke Rehabilitation*. 22(4), 239-245.
10. **Harmon, T. G.**, Jacks, A., Haley, K. L., Balliard, A. (in preparation). Do nonsupportive partners affect narrative discourse in aphasia? Evidence from quantitative results and subjective response.
11. **Harmon, T. G.**, Lin, M. L., Scronce, G., Jacks, A. (in preparation). Supporting confidence and participation for people with aphasia through student interaction: A descriptive study on the effects of an interdisciplinary campus program.

Non Peer-Reviewed Articles

1. Mitchell, B. E., **Harmon, T. G.**, Weinberg, A. (Master's student) (2016). Learning by Doing: Students from three disciplines work together to help people with dementia with their communication and physical challenges. *The ASHA Leader*. 21(11), 36-37.

PRESENTATIONS

Peer-Reviewed Conference Presentations

1. **Harmon, T. G.**, Picetti, D. (Master's student), Haley, K. L., Jacks, A. (submitted). Response to emotional and attentional demands in aphasia: A qualitative descriptive study. Annual Clinical Aphasiology Conference.
2. **Harmon, T. G.**, Jacks, A., Haley, K. L. (2018, May). Is there a trade-off between speed and accuracy during dual task narrative production in aphasia? Annual Clinical Aphasiology Conference. Austin, TX.
3. Haley, K. L., **Harmon, T. G.**, (2018, May). Interview consistency and proxy agreement for

the Life Interests and Values Cards. Annual Clinical Aphasiology Conference. Austin, TX.

4. **Harmon, T. G.**, Jacks, A., Haley, K. L. (2018, Feb). Dual-task interference on speech fluency during story retell for people with apraxia of speech. Motor Speech Conference. Savannah, GA.
5. Jacks, A., Haley, K. L., **Harmon, T. G.**, Eshghi, M. (2018, Feb). Neural correlates of prosodic measures in adults with aphasia and/or apraxia: A lesion-behavior mapping study. Motor Speech Conference. Savannah, GA.
6. **Harmon, T. G.**, Haley, K. L. (2017, Nov). Using social validation to promote personal motivation and program implementation. Annual Convention of the American Speech-Language-Hearing Association. Los Angeles, CA.
7. Haley, K. L., **Harmon, T. G.**, Smith, M. (Master's student), Jacks, A. Richardson, J., Dalton, S. G., Shafer, J. (2017, Nov). Apraxia of speech in conduction aphasia: A clinical reality. Annual Convention of the American Speech-Language-Hearing Association. Los Angeles, CA.
8. Jacks, A., **Harmon, T. G.**, Haley, K. L. (2017, Nov). Auditory masking effects on articulatory precision in aphasia and apraxia of speech. Annual Convention of the American Speech-Language-Hearing Association. Los Angeles, CA.
9. Haley K. L., Jacks, A., Jarrett, J. (undergraduate student), **Harmon, T. G.**, Gorno-Tempini, M. L., Henry, M. L. (2017, May). Quantitative features of AOS in nonfluent and logopenic variants of PPA. Annual Clinical Aphasiology Conference. Park City, UT.
10. **Harmon, T. G.**, Lin, M., Jacks, A., Silverman, M. (2017, March). Mutual benefit of a communication training program for volunteers with aphasia and interdisciplinary therapy students. AphasiaAccess Leadership Summit. Orlando, FL.
11. **Harmon, T. G.**, Jacks, A., Richardson, J., Haley, K. L. (2016, Nov). Speech fluency in discourse produced by people with mild aphasia: Correlations with impairment and confidence. Annual Convention of the American Speech-Language-Hearing Association. Philadelphia, PA.
12. **Harmon, T. G.**, Jacks, A. (2016, Nov). Effects of communication partner training on healthcare students with and without a communication disorders background. Annual Convention of the American Speech-Language-Hearing Association. Philadelphia, PA.
13. Lin, M., **Harmon, T. G.**, Scronce, G., & Jacks, A. (2016, Oct.). Revealing the transactional nature of occupations through the impact study of an interdisciplinary campus program. Oral presentation at National Occupational Therapy Education Forum and the 9th Taiwan Occupational Science Symposium. Taipei, TWN.
14. **Harmon, T. G.**, Hardy, L. (Master's student), Haley, K. L. (2016, May). Social validation of procedures for speech production in aphasia: Client-centered development of a client-driven treatment. Annual Clinical Aphasiology Conference. Charlottesville, VA.
15. Jacks, A., Bishop, G., Haley, K. L., **Harmon, T. G.** (2016, March). Sentence intelligibility in adult stroke survivors: Human vs. computer. Annual Motor Speech Conference. Newport Beach, CA.

16. **Harmon, T. G.**, Jacks, A., Haley, K. L. (2015, Nov). Listeners' perceptions about speech, speaker, and comfort in response to aphasia: Effects of simulated fluency. Annual Convention of the American Speech-Language-Hearing Association. Denver, CO.
17. Jacks, A., **Harmon, T. G.**, Haley, K. L. (2015, Nov). Auditory masking effects on sentence intelligibility in aphasia and apraxia of speech. Annual Convention of the American Speech-Language-Hearing Association. Denver, CO.
18. Haley, K. L., Shafer, J. (person with aphasia), **Harmon, T. G.**, & Jacks, A. (2015, Nov). Recovery of acquired apraxia of speech: Perspectives from lived experience and the clinical researcher. Annual Convention of the American Speech-Language-Hearing Association. Denver, CO.
19. Haley, K. L., Shafer, J. (person with aphasia), **Harmon, T. G.**, & Jacks, A. (2015, May). Recovering with acquired apraxia of speech: The first two years. Annual Clinical Aphasiology Conference. Monterey, CA.
20. **Harmon, T. G.**, Lin, M., Scronce, G., & Jacks, A. (2015, Apr). Mentorship program between people with aphasia and interdisciplinary students to foster client-centeredness and participation. 2015 Annual Convention for the North Carolina Speech, Hearing and Language Association, Raleigh, NC.
21. **Harmon, T. G.**, Lin, M., Scronce, G., & Jacks, A. (2015, March). Talking, Sharing, and Teaching: Improved quality of life and participation of PWA through student interaction. AphasiaAccess Leadership Summit, Boston, MA.
22. **Harmon, T. G.**, Jacks, A., Haley, K. L. (2014, November). Listener attitudes of simulated fluent speech in nonfluent aphasia. Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL, Nov.
23. Haley, K. L., Womack, J., **Harmon, T. G.**, & Williams, S. (2014, Nov). Mood ratings by people with aphasia. Annual Convention of the American Speech-Language Hearing Association, Orlando, FL, Nov.
24. Haley, K. L., Richardson, J., **Harmon, T. G.**, Silverman, M., Jacks, A. (2014, Nov). Life activity choices by people with aphasia, family members, and older adults. Annual Convention of the American Speech-Language Hearing Association, Orlando, FL, Nov.
25. Channell, R. W., **Harmon, T. G.**, & McConnell, K. (2012, Nov). Automated Grammatical Coding of Spanish-Speaking Children's Language Samples. Annual Convention of the American Speech-Language-Hearing Association, Atlanta, GA.

Other Presentations

1. **Harmon, T. G.** (2018, Oct). Strategies and techniques for supporting communication between people with aphasia and their caregivers. Utah Valley Brain Injury and Stroke Support Group. Provo, UT.
2. **Harmon, T. G.**, Lin, M., Scronce, G. (2017, Feb). Effects of communication partner training on healthcare students with and without a communication disorders background. University of North Carolina Engagement Units Summit. Chapel Hill, NC.

3. **Harmon, T. G.** (2015, April). Listener perceptions of simulated fluent speech in nonfluent aphasia. Oral presentation given at the University of North Carolina Division of Speech and Hearing Sciences Student Research Day. Chapel Hill, NC.
4. **Harmon, T. G.** (2014, April). Listener attitudes and perceptions of simulated fluent speech in nonfluent aphasia: a mixed-methods approach. Oral presentation given at the University of North Carolina Division of Speech and Hearing Sciences Student Research Day. Chapel Hill, NC.
5. **Harmon, T.G.** (2012, February). Accuracy of Automated Grammatical Tagging of Narrative Language Samples from Spanish-Speaking Children. Oral presentation of student research presented at Brigham Young University, Provo, UT.

TEACHING EXPERIENCE

2019	Instructor of Record, <i>COMD 658: Fluency Disorders</i> , Brigham Young University, Provo, UT
2019	Instructor of Record, <i>COMD 676: Aphasia</i> , Brigham Young University, Provo, UT
2018-Present	Instructor of Record, <i>COMD 133: Introduction to Communication Disorders</i> , Brigham Young University, Provo, UT
2014-2017	Director, <i>Aphasia Mentor Project Annual Seminar</i> , University of North Carolina at Chapel Hill
Spring 2016	Guest Lecturer, <i>Single Subject Design and Methods I</i> , University of North Carolina at Chapel Hill
Spring 2016	Guest Panelist, <i>Research Methods</i> , University of North Carolina at Chapel Hill
Spring 2015	Teaching Assistant, <i>Aphasia</i> , University of North Carolina at Chapel Hill
2014 & 2015	Guest Lecturer, <i>Working with Groups and Communities</i> , Elon University, Elon, NC
Spring 2014	Teaching Assistant, <i>Speech Science</i> , University of North Carolina at Chapel Hill
2007-2011	Instructor/Curriculum Development, Missionary Training Center, Provo, UT

RESEARCH EXPERIENCE

Research Funding

2019-2020	Mckay School of Education Research Grant, Brigham Young University, <i>Effects of positive and negative emotion on word naming in aphasia</i> , \$39,838
2018	Mckay School of Education Mini-grant, <i>A registry for participants with brain injury: Recruitment and initial Assessments</i> , \$4,594

2017-2018 Dissertation Completion Fellowship Award, University of North Carolina at Chapel Hill, *Social and cognitive challenge in aphasia*, \$18,000

Principal Investigator

2019-Present Brigham Young University, *Effects of positive and negative emotion on word naming in aphasia*

2018-Present Brigham Young University, *Effect of mood and attention on language recovery in aphasia: A longitudinal study*

2016-2018 University of North Carolina at Chapel Hill, *Effects of social and cognitive challenge on speech produced by people with aphasia during story retell*

2014-2018 University of North Carolina at Chapel Hill, *Completing the rehabilitation circle: Mentoring program between individuals with aphasia and therapy students to promote quality of life and participation*

2013-2015 University of North Carolina at Chapel Hill, *Listener perceptions of aphasia and apraxia of speech with simulated fluency*

Student Research Supervision

1. Nielsen, C. (2018-). *Effects of positive and negative emotion on naming accuracy in aphasia. (Thesis Chair).*
2. Loveridge, C. (2018-). *Effects of positive and negative emotion on naming latency in aphasia. (Thesis Chair).*
3. Clark, K. (2018-). Thesis Committee Member.
4. Moore, E. (2018-). Thesis Committee Member.
5. Newey, B. (2018-). Thesis Committee Member.
6. Peacock, M. (2018-). Thesis Committee Member.
7. Cowley, C. (2018-). Thesis Committee Member.

Research Assistant

2015-2017 University of North Carolina at Chapel Hill, *Targeted transcranial electrotherapy to accelerate stroke rehabilitation: Exploratory trial on Aphasia*. Site-specific PI: Dr. Adam Jacks, Ph.D., CCC-SLP; NINDS 4 R44NS092144

2015-Present University of North Carolina at Chapel Hill, *Development of a New Treatment for Speech Production Difficulties in Aphasia*. PI: Dr. Katarina Haley, Ph.D., CCC-SLP

2015 University of North Carolina at Chapel Hill, *Recovery with Apraxia of Speech*. PI: Dr. Katarina Haley, Ph.D., CCC-SLP

- 2013-2016 University of North Carolina at Chapel Hill, *Auditory Masking Effects on Speech Fluency in Aphasia and Apraxia of Speech*. PI: Dr. Adam Jacks, Ph.D., CCC-SLP; NIDCD 5 R03DC011881
- 2013-2017 University of North Carolina at Chapel Hill, *Communication, Activity, and Life Participation in Adults with Aphasia*. Site-specific PI: Dr. Adam Jacks, Ph.D., CCC-SLP

Assisted with data collection

- 2012-2013 Northwest Texas Hospital, *Stroke Dysphagia Program Quality Improvement Study*

AWARDS & HONORS

- 2018-2019 ASHA Pathways Protégé
- 2018 NIDCD Student Fellow for the Research Symposium in Clinical Aphasiology
- 2017-2018 ASHA Mentoring Academic-Research Careers protégé
- 2015 American Speech-Language-Hearing Foundation Graduate Student Scholarship, \$5,000
- 2014 Fellow of the Academy of Neurologic Communication Disorders and Sciences
- 2014 Community Engagement Fellowship from the Carolina Center for Public Service, \$2,500
- 2010-2012 Brigham Young University Department of Communication Disorders Graduate Student Academic Scholarship
- 2010 Kenneth and Wilma Gardner Scholarship
- 2009 Dean's List
- 2008-2009 Brigham Young University Undergraduate Academic Scholarship

CITIZENSHIP

University Service

- 2019 Member, Admissions Committee, BYU
- 2018-2019 Member, Department Faculty Search Committee, BYU
- 2018-2019 Member, Department Adjunct Instructor Search Committee, BYU
- 2015 Member, Admissions Committee, UNC

Professional Service

- 2018-Present Reviewer, *Aphasiology*
- 2018-2019 Board Member, Utah Valley Stroke Association, Provo, UT
- 2018 Clinical Aphasiology Conference Junior Mentor

LANGUAGES

- Portuguese Fluent (speaking), Excellent (reading, writing); ACTFL/ETS Rating: Advanced Mid (2009)
- Spanish Conversational (speaking), Good (reading, writing)

PROFESSIONAL MEMBERSHIP

- 2018-Present Licensed by the State of Utah Department of Commerce
- 2015-Present Member, ASHA Special Interest Group 2
- 2015-Present Member, John B. Graham Student Research Society of UNC-CH
- 2015-Present Affiliate, AphasiaAccess
- 2014-2015 Member, Academy of Neurologic Communication Disorders and Sciences
- 2013-Present Licensed by the North Carolina Board of Examiners
- 2013-Present Certificate of Clinical Competence in Speech-Language Pathology
- 2012-Present Member, American Speech-Language-Hearing Association
- 2012-2015 Licensed by the Texas Department of State Health Services
- 2011-2012 Member, National Student Speech-Language and Hearing Association

VOLUNTEER EXPERIENCE

- 2014-2016 Assistant Scout Master, *Boy Scouts of America*, Chapel Hill, NC
- 2009 Hearing Screening Assistant, *Special Olympics*, Salt Lake City, UT
- 2007-2009 Co-Founder & Director, *A Cappella Performance Group*, Provo, UT
- 2005-2007 Full-time Volunteer Representative/Missionary, *The Church of Jesus Christ of Latter-Day Saints*, Porto, Portugal
- 2004 Language and Math Tutor, *BYU TOPS Program*, Provo, UT