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EDUCATION

- 2020 Ph.D., Hearing and Speech Sciences, Vanderbilt University, Nashville, TN
Dissertation: *The not so simple view of reading in Down syndrome* (Chair: C. Melanie Schuele, Ph.D.)
- 2014 Master of Science, Speech-Language Pathology, Texas Christian University, Fort Worth, TX
Thesis: *Spoken fictional narrative and literacy skills of children with Down syndrome* (Chair: Danielle Brimo, Ph.D.)
- 2012 Bachelor of Science, Communication Disorders, Texas Christian University, Fort Worth, TX
Magna Cum Laude

EMPLOYMENT

- 2020-present Assistant Professor, Department of Communication Sciences and Disorders, Baylor University, Waco, TX.
- 2014-16 Speech-Language Pathologist, Carroll Independent School District, Southlake, TX.

LICENSURE AND CERTIFICATION

- Certificate of Clinical Competence in Speech-Language Pathology, American Speech Language-Hearing Association, August 2015 - present
- Licensed Speech-Language Pathologist, Texas Department of Licensing and Regulation, August 2015 - present
- Licensed Speech Pathologist, Tennessee Board of Communication Disorders and Sciences, September 2016 - present

PEER-REVIEWED PUBLICATIONS

- Hessling, A., & Brimo, D. (2019). Spoken Fictional Narrative and Literacy Skills of Children with Down Syndrome. *Journal of communication disorders*, 79, 76-89. Doi: 10.1016/j.jcomdis.2019.03.005
- Hessling, A., & Schuele, C.M. (2020). Individualized Narrative Intervention for School-Age Children with Specific Language Impairment: A Single-Case Research Study. *Language, Speech, and Hearing Services in Schools*, 51, 687-705. Doi: 10.1044/2019/LSHSS-19-00082
- Singer, C. M., Hessling, A., Kelly, E. M., Singer, L. B., & Jones, R. M. (2020). Clinical Characteristics Associated With Stuttering Persistence: A Meta-Analysis. *Journal of Speech, Language, and Hearing Research*, 1-24. Doi: 10.1044/2020_JSLHR-20-00096

Under Review

- Hessling, A., Jones, R. & Schuele, C.M. (2020). Phonological Awareness Intervention Using a Standard Treatment Protocol for Individuals with Down Syndrome. Manuscript under review.

In Preparation

- Biel, C.H., Leuschen de Pico, D., Hessling, A., Peterson, A., Woods, C. & Contesse, V.A. (2020). Narrative Intervention Outcomes in School-Aged Children: A Systematic Review and Meta-Analysis. Manuscript in preparation.
- Hessling, A. & Schuele, C.M. (2020). Listening Comprehension and Reading Comprehension in Individuals with Down Syndrome and Word Reading-Matched Typically Developing Children. Manuscript in preparation.

CONFERENCE PRESENTATIONS

- Hessling, A. & Schuele, C.M. (2021, April). When word reading matches, do individuals with Down syndrome have reading comprehension comparable to typical readers? Proposal submitted to Gatlinburg Conference in Kansas City, MO.
- Hessling, A. & Schuele, C.M. (2020, November). 10557: Down Syndrome Versus Typical Development: Discrepancies in Listening Comprehension and Reading Comprehension. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
- Hessling, A. & Schuele, C.M. (2020, February). *The Not So Simple View of Reading in Down Syndrome*. Poster to be presented at Pacific Coast Research Conference in San Diego, CA.
- McDaniel, J., Hessling, A. & Schuele, C.M. (2019, November). *Year in Review: Learn and Apply Tips for Catching Up on Publications that Drive EBP*. Oral presentation presented at American Speech-Language-Hearing Association Convention in Orlando, FL.
- Singer, C., Hessling, A. & Jones, R. (2019, November). *Evidence-Based Clinical Markers for Stuttering Persistence: Meta-Analytic Findings and Clinical Applications*. Oral presentation presented at American Speech-Language-Hearing Association Convention in Orlando, FL.
- Hessling, A., McDaniel, J., Maxwell, A., O'Neal, K. & Schuele, C.M. (2019, November). *Hop! Skip! Meep! Strategies for Teaching Verbs*. Poster presented at American Speech-Language-Hearing Association Convention in Orlando, FL.
- Hessling, A. & Schuele, C.M. (2019, September). *Narrative Intervention for School-Age Children with Language Impairment: A Single-Case Research Study*. Poster presented at the 14th Annual Eleanor M. Saffran Conference on Cognitive Neuroscience & Rehabilitation of Communication Disorders in Philadelphia, PA, at Vanderbilt Kennedy Center Science Day in Nashville, TN. Also presented at 2018 Symposium on Research in Child Language Disorders in Madison, WI.
- Hessling, A., McDaniel, J. & Schuele, C.M. (2019, June). *Strategies for Teaching Verbs for Preschool Children*. Poster presented at Symposium on Research in Child Language Disorders in Madison, WI.
- Hessling, A., Teller, L. & Schuele, C.M. (2019, June). *Is Narrative Macrostructure Intervention Associated with Changes in Complex Syntax?* Poster presented at Symposium on Research in Child Language Disorders in Madison, WI.
- Hessling, A., McDaniel, J. & Schuele, C.M. (2019, April) *Experiential Learning Through a PhD-Student Mediated Mentoring Model*. Oral presentation at Council of Academic Programs in Communication Sciences and Disorders Conference in San Diego, CA.
- Hessling, A., McDaniel, J. & Schuele, C.M. (2019, March) *Language Sampling: An Efficient Addition to Your School-Age Language Evaluation Toolkit*. Oral presentation at Texas Speech-Language-Hearing Association Convention in Fort Worth, TX.
- McDaniel, J., Hessling, A., Gogol, M. & Schuele, C.M. (2018, November) *How to Add Efficient Language Sampling to Your School-Age Language Evaluation Toolkit*. Oral presentation at American Speech-Language-Hearing Association Convention in Boston, MA.
- Hessling, A., McDaniel, J., Jones, R. & Schuele, C.M. (2018, November) *A PhD Student-Mediated Mentorship Model*. Oral presentation at American Speech-Language-Hearing Association Convention in Boston, MA.
- Hessling, A., Schuele, C.M. & Brame, C. (2018, November). *Supplementing Classroom Instruction: Investigation of Instructional Methods for Teaching Narrative Analysis to*

- Graduate Students*. Poster presented at American Speech-Language Hearing Association Convention in Boston, MA. Also presented at Gerald S. Gotterer Health Professions Education Research Day (Blue Ribbon Finalist) in Nashville, TN.
- Jones, R., Hessling, A., Schuele, C.M. & Camarata, S. (2018, November). *An Evaluation of Phonological Awareness Intervention in Children with Down Syndrome*. Poster presented at American Speech-Language Hearing Association Convention in Boston, MA.
- Hessling, A. & Brimo, D. (2018, April). *Narrative retell skills of school-age children with Down syndrome*. Poster presented at Gatlinburg Conference in San Diego, CA.
- Hessling, A. & Brimo, D. (2018, February). *Spoken fictional narrative and literacy skills of children with Down syndrome*. Poster presented at Pacific Coast Research Conference in San Diego, CA. Also presented at Vanderbilt Kennedy Center Science Day in Nashville, TN.
- Brock, J., Hessling, A., Liang, S. & Schuele, C.M. (2018, February). *Is child-to-parent reading a valuable learning experience? Parental feedback to child reading miscues*. Poster presented at Pacific Coast Research Conference in San Diego, CA.
- Jones, R., Hessling, A., Schuele, C.M., & Camarata, S. (February 2018). *An evaluation of phonological awareness intervention with Down syndrome children*. Poster presented at Vanderbilt Kennedy Center Science Day in Nashville, TN.
- Hessling, A. & Brimo, D. (2013, November). *Relation between oral narrative production and literacy skills among children with Down syndrome*. Poster presented at American Speech-Language-Hearing Association Convention in Chicago, IL.

PROFESSIONAL DEVELOPMENT PRESENTATIONS

- Hessling, A., McDaniel, J. & Schuele, C.M. (2020, November). *10553: Utility of Single-Case Research Design for EBP and Collaboration; A Call to Reframe Thinking*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
- Hessling, A., McDaniel, J. & Schuele, C.M. (2020, July). *Hindsight is 20/20: Navigating Ethical Dilemmas in Speech-Language Pathology*. Oral presentation at School SLP Conference at Vanderbilt in Nashville, TN.
- Diehl, S. & Hessling, A. (2019, October) *Assistive Technology and IDEA*. Oral presentation at Vanderbilt Kennedy Center Volunteer Advocacy Project in Nashville, TN.
- McDaniel, J., Hessling, A. & Schuele, C.M. (2019, November). *A Year in Review: Catch Up On Recent Clinically Relevant Research and Learn Tips for Staying Caught Up*. Oral presentation at School SLP Conference at Vanderbilt in Nashville, TN.
- Singer, C., Hessling, A. & Jones, R. (2019, November). *Risk Factors for Stuttering Persistence: Understanding and Taking Part in the Research*. Oral presentation at School SLP Conference at Vanderbilt in Nashville, TN.
- Hessling, A. (2018, October) *Assistive Technology and IDEA*. Oral presentation at Vanderbilt Kennedy Center Volunteer Advocacy Project in Nashville, TN.
- McDaniel, J. & Hessling, A. (2018, August) *Language Sampling: How to Make It Faster and More Helpful*. Oral presentation at School SLP Conference at Vanderbilt in Nashville, TN.
- Hessling, A. (2018, August) *M&Ms for Narrative Analysis: Microstructure and Macrostructure*. Oral presentation at School SLP Conference at Vanderbilt in Nashville, TN.
- Schuele, C.M. & Hessling, A. (2017, April). *Improving Grammatical Skills in Children with Language Impairments*. Martha Lynch Lecture presented at VU in Nashville, TN.
- Hessling, A. (2017, October). *M&M's for Narrative Analysis*. Speech-Language Pathology Lunch and Learn presented at Metro Nashville Public Schools in Nashville, TN.
- Hessling, A. (2017, September). *Once Upon A Time: An SLPs Guide to Narratives*. Martha Lynch Lecture presented at Vanderbilt University in Nashville, TN.
- Hessling, A. (2017, August). *M&Ms for Narrative Analysis: Microstructure and Macrostructure*. Oral presentation at School SLP Conference at Vanderbilt in Nashville, TN.
- Hessling, A. (2017, August). *District Day of Learning: Speech-Language Pathology In-service*. Oral presentation at Carroll Independent School District in Southlake, TX.

Hessling, A. & Brimo, D. (2016, March). *M&Ms for Narrative Analysis: Microstructure and Macrostructure*. Oral presentation at Texas Speech-Language-Hearing Association Convention in Fort Worth, TX.

RESEARCH FUNDING

Funded

Hessling, A. *The not so simple view of reading comprehension in Down syndrome*. Vanderbilt Russell G. Hamilton Graduate Leadership Institute Dissertation Enhancement Grant. 12/2019 – 05/2020, \$2,000.

Hessling, A. *Reading comprehension in Down syndrome*. Vanderbilt Institute for Clinical and Translational Research. 6/2018 - present, \$6,500.

O'Neal, K., Hessling, A. & McDaniel, J. *Strategies for teaching verbs*. Vanderbilt Institute for Clinical and Translational Research. 2/2018 - present, \$5,000.

Hessling, A. *Narrative intervention for school-age children*. Vanderbilt Institute for Clinical and Translational Research. 9/2017 - 6/2018, \$2,000.

Jones, R. & Hessling, A. *Phonological awareness intervention in individuals with Down syndrome*. Vanderbilt Institute for Clinical and Translational Research. Awarded 7/2017 - 9/2017, \$2,000.

Not Funded

Hessling, A. *The not so simple view of reading comprehension in Down syndrome*. American-Speech-Language-Hearing Foundation Student Research Grant in Early Childhood Language Development, 2019.

Hessling, A. *Reading comprehension in Down syndrome*. Plural Publishing Research Scholarship, 2018.

Hessling, A. *Narrative intervention for school-age children*. American-Speech-Language-Hearing Foundation Student Research Grant in Early Childhood Language Development, 2017.

RESEARCH MENTORING

Ragan Jones, Department of Hearing and Speech Sciences, 2017-18, Master's thesis:

Phonological awareness intervention in individuals with Down syndrome

Kathleen O'Neal and Alexandra Maxwell, Department of Hearing and Speech Sciences, 2017-present, Research project: *Strategies for teaching verbs*

TEACHING EXPERIENCE

Teacher of Record

CSD 5325 Speech Sound Disorders, graduate course, Department of Communication Sciences and Disorders, Baylor University, Fall 2020

CSD 5337 School-Age Language and Literacy Disorders, graduate course, Department of Communication Sciences and Disorders, Baylor University, Fall 2020

Teaching Assistant

Articulation Disorders and Clinical Phonetics, graduate course, Department of Hearing and Speech Sciences, Vanderbilt University, Fall 2019

Language Assessment, graduate course, Department of Hearing and Speech Sciences, Vanderbilt University, Fall 2016-2018

Language Impairment, graduate course, Department of Hearing and Speech Sciences, Vanderbilt University, Fall 2016-2018

Speech Language Literacy Seminar, graduate course, Department of Hearing and Speech Sciences, Vanderbilt University, Fall 2016-2018

Clinical Supervisor

Next Steps Inclusive Higher Education Program, Vanderbilt University, 2020
Reading Clinic at the Vanderbilt Kennedy Center, Vanderbilt University, 2017-19
Metro Nashville Public School Pre-School Screening, Vanderbilt University Child Language and Literacy Lab, 2018-19

Vanderbilt Center For Teaching

Online Course Design Institute, 2020
Practicum in College Teaching, 2017
Seminar in College Teaching, 2017
Blended & Online Learning Design Fellows Program, 2017

PROFESSIONAL ORGANIZATIONS

American Speech-Language-Hearing Association, 2015 - present
ASHA Special Interest Group 16, School-Based Issues, 2017 - present
Texas Speech-Language-Hearing Association, 2014-17, 2019, 2021

SERVICE

Intramural

Schools Speech-Language Pathology Conference at Vanderbilt, co-chair, 2020
Vanderbilt Department of Hearing and Speech Sciences Student-Faculty Liaison, 2019-20
Schools Speech-Language Pathology Conference at Vanderbilt, planning committee member, 2017-19
Metro Nashville Public School, pre-school screenings volunteer clinician, 2018-19
Gigi's Playhouse Down Syndrome Achievement Center, literacy tutor, 2018
Speech-language-learning assessment of children in families experiencing homelessness, Safe Haven Family Shelter, 2016-18

Extramural

Ad Hoc Reviewer, *Journal of Speech, Language and Hearing Research*, 2020
American Speech-Language-Hearing Association, Clinical Fellowship Revalidation Committee, 2017

HONORS AND AWARDS

Russell G. Hamilton Graduate Leadership Institute Travel Grant, 2020
Vanderbilt Graduate Student Travel Award, Vanderbilt Graduate School, 2018, 2019, 2020
Vanderbilt Kennedy Center Travel Award, Vanderbilt Kennedy Center, 2018, 2019, 2020
Graduate Student Council Travel Award, Vanderbilt University, 2017, 2020
Saffran Student Scholar Award, supported by NIH/NIDCD Grant, 2019
ASHA Research Mentoring-Pair Travel Award, Mentor: Lizbeth Finestack, PhD, 2019
Vanderbilt 3-Minute Thesis Finalist, 2019
Symposium on Research in Child Language Disorders Student Travel Award, supported by NIH/NIDCD/NICHHD Conference Grant, 2019
Gerald S. Gotterer Health Professions Education Research Day Blue Ribbon Finalist, 2018
Blended and Online Learning Design Fellow, Vanderbilt Center for Teaching, 2017-18
Trainee, US Department of Education Leadership Training Grant, Training Exemplary Predoctoral Researchers in Language and Literacy (PI: Schuele), 2016-2020.
Carroll Independent School District Education Foundation Grant Recipient (\$3,000), 2015
Global Outlooks on Education Fellow (competitive selection process), Texas Christian University, 2014
Maude Miller Memorial Scholarship Recipient, Texas Christian University, 2014
Harris College Academic Achievement Award, Texas Christian University, 2012, 2014
Graduate Student Travel Grant, Texas Christian University, 2013

CONTINUING EDUCATION

Conferences Attended

Pacific Coast Research Conference, 2017-18, 2020

ASHA Convention, 2013-15, 2018-19

Eleanor M. Saffran Conference on Cognitive Neuroscience & Rehabilitation of Communication Disorders, 2019

Gatlinburg Conference, 2018-19

Symposium on Research in Child Language Disorders, 2017-19

School Speech-Language Pathology Conference at Vanderbilt, 2017-19

Texas Speech-Language Hearing Association State Convention, 2014-16, 2019

Trainings Attended

Friends on the Block Early Literacy Curriculum, Middle Tennessee State University's Center for Dyslexia, 2018

Autism Diagnostic Observation Schedule (ADOS-2) Clinical Training, Carroll Independent School District Special Education Department, 2015

Online Courses

Writing in the Sciences, Stanford University, 2016