

Kelsey Lauren Thompson

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EDUCATION

University of North Carolina-Chapel Hill Center for Health Promotion and Disease Prevention Postdoctoral Research Fellow	Chapel Hill, NC June 2023 - Present
University of North Carolina-Chapel Hill Doctoral Candidate- Speech & Hearing Sciences Graduation	Chapel Hill, NC May 2023
Northeastern University Doctoral Student – Personal Health Informatics	Boston, MA 2017-2018
Northeastern University BS/MS Degree: Speech-Language Pathology Graduation	Boston, MA May, 2015

RESEARCH

New Through Two , University of North Carolina at Chapel Hill <u>Study</u> : Examining feeding development and management in high-risk infants from NICU discharge through age 2. <u>Funding</u> : NIRN R01, NR018192 PI: Thoyre <i>Research Assistant</i>	Chapel Hill, NC Oct. 2022 - Present
<ul style="list-style-type: none">• Develop mechanisms and processes for retrieving anthropometric data from multiple sources including EPIC electronic health records, pediatricians, and parents.• Cultivate relationships with pediatrician offices in the Greensboro, NC area to form partnerships in data collection.• Create a RedCAP form for storing anthropometric and retrieval data.• Retrieve and enter data accurately into RedCAP.• Report on progress during team meetings.	
<i>Research Team</i>	Aug. 2020 – Present
<ul style="list-style-type: none">• Clean and analyze respiratory data from infants at NICU discharge during baseline, feeding, and recovery timepoints as part of physiology team.• Check and analyze parent interview transcripts about family management of feeding problems from multiple time points as part of qualitative team. Participate in team meetings regarding qualitative analysis.• Develop research questions, analyze data, and disseminate findings using study data at different timepoints.<ul style="list-style-type: none">○ Current secondary data analyses include: the impact of social determinants of health on feeding outcomes shortly after NICU discharge; the influence of developmental readiness cues at time of solid food introduction on feeding skills and outcomes	

- Attend bi-weekly research team meetings.

Feeding Assessment Study, University of North Carolina at Chapel Hill Chapel Hill, NC

Principal Investigator

Dec. 2020 – May, 2022

Funding: North Carolina Translational and Clinical Sciences Institute (NCTraCS) #2KR1312005

Study: This mixed methods study will develop and test a decision-making guide to aid early intervention providers in making appropriate medical referrals.

- Develop and submit a funded pilot grant proposal to NCTraCS.
- Write approved IRB materials for study.
- Recruit 12 medical professionals from UNC Health Systems with experience in pediatric feeding and premature infants.
- Develop and employ Delphi surveys for tool development.
- Manage and train two graduate research assistants for tasks such as participant identification, recruitment, and follow up.

Disparities in Health Care Access and Utilization of Children during Autism Insurance Reform, University of North Carolina at Chapel Hill Chapel Hill, NC

Research Assistant

2020

Funding: Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS), grant number R41MC39339

Study: This study used nationally representative data sets to explore the determinants that contribute to disparities in healthcare access and utilization among children with autism and to investigate changes in hospitalization patterns before and after autism insurance reform.

PI: Zhang

- Assisted in the interpretation of data, writing of manuscripts, and development of presentations related to the project.

Hospitalizations for Pediatric Opioid Use Disorders: Exploring Racial Disparities among US Regions, University of North Carolina at Chapel Hill Chapel Hill, NC

Research Assistant

2020

Funding: Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS), grant number R40MC32880

Study: This study used US Nationwide Inpatient Sample databases to determine whether racial disparities existed within US regions among hospital use and discharge outcomes for pediatric patients with opioid use disorder.

PI: Zhang

- Wrote and edited manuscripts and poster presentations from the project data.

Parents and Infants Engaged, University of North Carolina at Chapel Hill Chapel Hill, NC

Funding: NICHD R21, HD091547

Study: Intervention study examining infants at lower and elevated likelihood for autism.

PI: Baranek & Watson

Project Lead

May 2020 – Sept. 2020

- Developed and proposed a secondary data analysis to examine parent language semantic and function patterns during (a) play and mealtime and (b) in lower and elevated likelihood groups.

- Led a group of two other doctoral students to develop transcription manuals and codebooks.
- Trained and managed a group of ten undergraduate research assistants to double transcribe 72, 10-minute parent child interaction videos reliably.
- Combined 144 student transcripts using audio/video data to ensure accuracy.
- Achieved 80% reliability with two other doctoral students on function coding of all transcripts.
- Analyzed transcripts using SALT to extract key metrics.
- Completed statistical analyses including t-tests, analyses of variance, and correlations using SPSS to determine study findings.

Technology Coordinator

Aug. 2019 – Aug. 2020

- Technology lead for study. Technology used includes: Gazepoint (eye tracking), FirstBeats (heart rate), Shimmer (skin conductance), and GoPro (audio/video).
- Trained 6-10 undergraduate research assistants on study protocol and appropriate use of technologies to capture and manage physiologic data.
- Managed and mentored undergraduate and graduate research assistants including providing training on technology and data analysis, delegating tasks, and providing coaching.
- Troubleshooted technology difficulties to ensure maximum data collection.
- Member of assessment team. Administered assessments to children age 12-36 months including the Mullen Scales of Early Learning, a parent-child interaction protocol, and the BOSCC.
- Participated in weekly team meetings to discuss ongoing research and updates.

Speech and Neurodevelopment Laboratory, Northeastern University

Boston, MA

Research Coordinator

Sept. 2017 – Aug. 2018

Funding: NIDCD R21, DC016030 PI: Zimmerman

Study: Examining the suck, feeding and vocal development of full-term and preterm infants at age 3 and 12 months.

- Ran the in-home research study, including subject recruitment and executing study protocol: explaining consent, administration of the REEL-3, DP-3, OFS, and HOME inventories, non-nutritive suck data collection, the LENA, and feeding observation.
- Completed data analysis including scoring of the REEL-3, DP-3, NeoEAT, OFS, EDE-Q, PediEAT, BFSE, and ChOMPS, and analysis of non-nutritive suck signal using LabChart software.
- Maintained secure study database of participant information and study outcomes.

Funding: NICHD R21, HD095321 PI: Zimmerman

Study: Investigating Environmental Influences on Child Health Outcomes (ECHO). Worked on the multi-site team working at Northeastern and in Puerto Rico.

- Adapted study protocol to ECHO standards.
- Coordinated team members to complete projects, ensuring project deadlines were met.
- Aggregated information from numerous professionals into grant and IRB documents.
- Participated in conference calls and webinars.

General:

- Completed literature reviews, edited grant documents, and co-wrote publications related to infant oral motor development, the neonatal intensive care unit, and emerging technology in the field.
- Independently wrote numerous IRBs approved for human subjects research with infants and adults.
- Mentored and managed undergraduate and graduate research assistants including providing training on non-nutritive suck equipment and data analysis, delegating tasks, and providing coaching and editing on publications, presentations, and academic/clinical paths.

Speech and Neurodevelopment Laboratory, Northeastern University

Boston, MA

Graduate Research Assistant, Master's Thesis

Sept. 2013 - May 2015

- Assisted with research related to developing projects in the Speech and Neurodevelopment Lab under the direction of Dr. Emily Zimmerman for one year before being invited to complete a Master's thesis as well as continue research with more hours.
- Edited grant documents, analyzed and coded video data of mother infant dyads, completed literature reviews looking at over 200 articles and summarizing 19 articles, wrote and edited scholarly papers relevant to developing projects.
- Developed a Master's Thesis project, 'The Multivariate Autonomic Nervous System in Infant Feeding', including research proposal, methodology including subject recruitment, collection of physiologic data and statistical analysis.
- Completed Master's Thesis including recruiting mothers and infants, running participants through experiment protocol (including measurement of various physiological measures: electrodermal activity, heart rate, heart rate variability and respiratory rate), and completing data analysis utilizing LabChart and Q sensor software.
- Defended thesis to a committee of speech language pathology and computer science professors as well as Communication Sciences and Disorders personnel.

PRESENTATIONS AND PUBLICATIONS

PEER REVIEWED ARTICLES

Thompson, K., Conklin, J., & Thoyre, S. (epub 2023). Parental decision-making around introducing complementary foods: An integrative review. *Journal of Family Nursing*.

<https://doi.org/10.1177/10748407231156914>

Thompson, K., McComish, C., & Thoyre, S. (2023). Dynamic Systems Theory: A primer for pediatric feeding clinicians. *Perspectives of the ASHA Special Interest Groups – SIG 13*.

https://doi.org/10.1044/2023_PERSP-22-00233

Thompson, K., Wallisch, A., Nowell, S., Meredith, J., & Boyd, B. (2023). Short report: The role of oral hypersensitivity in feeding behaviors of young autistic children. *Autism*.

<https://doi.org/10.1177/13623613221135091>

Elsayed, H.*, **Thompson, K.***, Conklin, J., Watson, L. (2022). A systematic review of the relationship between sensory processing and feeding difficulties in children with autism. *American Journal of Speech-Language Pathology*, 31(6), 2875-2899. https://doi.org/10.1044/2022_AJSLP-21-00401

*Authors contributed equally to the work

Zhang, W., **Thompson, K.** (2022). Access to care for US children with co-occurrence of autism spectrum disorder and epilepsy. *Children*, 9 (7), 1094. <https://doi.org/10.3390/children9071094>

Tison, K.L., Estrem, H.H., **Thompson, K.**, Vickery, B. (2022). Assessing caregiver acceptability and perceived barriers to peanut oral immunotherapy (OIT) in the general food allergic pediatric population. *The Journal of Allergy and Clinical Immunology*, 149(2), AB32. <https://doi.org/10.1016/j.jaci.2021.12.137>

Zhang, W., **Thompson, K.**, Watson, L.R., LaForett, D.R. (2021). Health care utilization for privately and publicly insured children during autism insurance reform. *Journal of Autism and Developmental Disorders*, 52(11), 5042-5049. <https://doi.org/10.1007/s10803-021-05370-5>

Zhang, W., **Thompson, K.** (2021). Psychiatric comorbidity and inpatient characteristics of older adolescents with Opioid Use Disorders in the U.S. *Journal of Psychiatry and Psychiatric Disorders*, 5 (1), 3-10. <https://doi.org/10.26502/jppd.2572-519X0127>

Thompson, K., Zhang, W. (2020). Using mixed methods research to better understand pediatric feeding disorder. *Perspectives of the ASHA Special Interest Groups*, 5, 1623-1630. https://doi.org/10.1044/2020_PERSP-20-00119

Thompson, K. Zimmerman, E. (2019). Pediatric speech-language pathologists' use of mobile health technology: Qualitative questionnaire study. *JMIR Rehabilitation and Assistive Technologies*, 6 (2), e13966. <https://doi.org/10.2196/13966>

Zimmerman, E., **Thompson, K.** (2018). The evidence surrounding recent technologies used in NICUs to assess and treat feeding development in premature infants. *Perspectives of the ASHA Special Interest Groups – SIG 13*, 157-171. https://doi.org/10.1044/2018_PERS-SIG13-2018-0003

Zimmerman, E., **Thompson, K.** (2015). A pilot study: The role of the autonomic nervous system in cardiorespiratory regulation in infant feeding. *Acta Paediatrica*, 105 (3), 286-91. <https://doi.org/10.1111/apa.13289>

Zimmerman, E., **Thompson, K.** (2015). Clarifying nipple confusion. *Journal of Perinatology*. 35 (11), 895-9. <https://doi.org/10.1038/jp.2015.83>

IN-PRESS/SUBMITTED ARTICLES

Thompson, K., Choi, E., Artis, J., DuBay, M., Baranek, G.T., & Watson, L.R. (revise and resubmit). Intervention opportunities in context: An observational study of parent language during play and mealtime in infants at variable likelihood for autism.

ORAL PRESENTATIONS

Thompson, K., Wallisch, A., Nowell, S., Meredith, J. (2023). Investigating how oral hypersensitivity influences challenging eating behaviors in young children with autism. Abstract accepted for presentation at the 55th Gatlinburg Conference, Kansas City, MO.

Thompson, K., McComish, C. (2023). Development and pilot testing of a decision support tool for early intervention feeding assessment. Abstract accepted for oral presentation at the North Carolina Speech, Hearing, & Language Association Annual Convention, Raleigh, NC.

Thompson, K., Park, J., Estrem, H., & Thoyre, S. (2023). Navigating the transition to solids: the experiences of parents of preterm infants. Abstract accepted for oral presentation at the 10th International Pediatric Feeding Disorders Conference, virtual.

****Outstanding abstract award***

Thoyre, S., Knafl, K., Estrem, H., **Thompson, K.,** Cromeens, M. G., & Park, J. (accepted for 2023). How parents of developmentally at-risk infants define “successful feeding” at 1, 6, and 12 months of age. Abstract submitted for podium presentation at the 16th International Family Nursing Conference, Dublin, Ireland.

Wallisch, A., **Thompson, K.,** Nowell, S., Meredith, J. (2023). Challenging eating behaviors in young children with autism: An investigation of the role of oral sensitivity. American Occupational Therapy Association Inspire 1 2023 Annual Conference & Expo, Kansas City, MO.

Thompson, K., Meredith, J., Gee, E., McComish, C., Steinbrenner, J. (2022). Another pediatric feeding CEU? Ups and downs of navigating pediatric feeding trainings. American Speech Language and Hearing Association National Convention, New Orleans, LA.

Thompson, K. (2022). Improving assessment of feeding disorders in North Carolina’s early intervention system. UNC Graduate Research and Policy Expo, virtual.

Thompson, K., Choi, E., Artis, J., Dubay, M., Baranek, G.T., Watson, L.R. (2021). Parent pragmatic language toward young children at varying likelihood of ASD during play and snack. American Speech Language and Hearing Association National Convention, virtual.

Thompson, K., Choi, E., Artis, J., Dubay, M., Baranek, G.T., Watson, L.R. (2021). Context matters: Parent language during play & snack in infants at varying likelihood for ASD. American Speech Language and Hearing Association National Convention, virtual.

Thompson, K. (2021). Development of an interdisciplinary decision guide for preterm infant feeding assessment. Speech & Hearing Sciences Student Research Day, virtual.

Artis, J., Choi, E., **Thompson, K.** (2019, November). Associations among parent stress, responsiveness, and language in toddlers at varying likelihoods of autism. American Speech Language and Hearing Association National Convention, Orlando, FL.

Thompson, K. (2019, October). Feeding strategies for children with pituitary disorders. Pediatric Pituitary Day – education and awareness for parents and caregivers, Durham, NC.

Zimmerman, E., Hines, M., Martens, A., & **Thompson, K.** (2019, March). Changes in infant suck function throughout a suck sample. Paper presented at the Dysphagia Research Society Conference, San Diego, CA.

Zimmerman, E., & **Thompson, K.** (2018, Nov) Emerging evidence surrounding the interplay of sucking, feeding & vocal development at three months. Paper presented at the American Speech-Language-Hearing Association Convention, Boston, MA.

Thompson, K., Zimmerman, E. (2015, May). The multivariate autonomic nervous system in infant feeding. *Thesis Defense*, Boston, MA.

POSTER CONTRIBUTIONS

Thompson, K., Park, J., & Thoyre, S. (2023). Follow-up care for high-risk infants with oropharyngeal dysphagia. Abstract submitted for oral presentation at the 31st Annual Meeting of the Dysphagia Research Society, San Francisco, CA.

Thompson, K., Park, J., Dorko, C., Smallcomb, J., Hansen, R., Castellanos, M., Moncada, D., Walter, K., & Thoyre, S. (2023). Physiologic and feeding outcomes of side-lying and supine positions during feeding in the NICU. Abstract submitted for poster presentation at the 31st Annual Meeting of the Dysphagia Research Society, San Francisco, CA.

Estrem, H., Knafl, K., **Thompson, K.,** & Thoyre, S. Revealing the complexity of family response to infant feeding challenges. (accepted for 2023). International Family Nursing Conference, Dublin, Ireland.

Thompson, K., Park, J., Thoyre, S., Crandell, J. (2022). Social determinants of health and feeding in the first 6 months in high-risk infants. Poster presentation at the American Speech Language and Hearing Association National Convention, New Orleans, LA.

**Meritorious Poster Award*

Thompson, K., Wallisch, A., Nowell, S., Meredith, J. (2022). The role of hypersensitivity in feeding behaviors in young autistic children. Poster presentation at the American Speech Language and Hearing Association National Convention, New Orleans, LA.

Meredith, J., **Thompson, K.,** Steinbrenner, J., Dickerson, L., Evans, A., Nowell, S., Baranek, G., Crais, E., Watson, L. (2022). Development of a novel observation coding tool for toddler-parent feeding interactions. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

Tison, K.L., Estrem, H.H., **Thompson, K.,** & Vickery, B.P. (Feb., 2022). Assessing caregiver acceptability and perceived barriers to peanut oral immunotherapy (OIT) in the general food allergic pediatric population. The American Academy of Allergy, Asthma & Immunology National Meeting.

Thompson, K., Park, J., Thoyre, S., McComish, C., Crandell, J. (2021). Factors that predict feeding skills in high-risk infants following NICU discharge. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, virtual.

Thoyre, S., Park, J., **Thompson, K.,** Cromeens, M.G., Crandell, J. & McComish, C. (withdrawn 2021, November). High-risk infant feeding skills and gastrointestinal function near discharge and in the early months post-discharge. Poster presentation at the American Speech-Language-Hearing Association Annual Convention, virtual.

Thompson, K., Choi, E., Artis, J., Baranek, G.T., Watson, L.R. (2021, April). Context matters: Parent language during play and snack in infants at varying likelihood of autism. Poster presented at the John B. Graham Student Research Day, virtual.

Estrem, H., Knafl, K., Cromeens, M.G., **Thompson, K.,** Thoyre, S. (2021) Family management of feeding problems following discharge from NICU. Poster presented at the International Family Nursing Conference.

Watson, L.R., Lee, H., Dallman, A. **Thompson, K.**, Bristol, S., Harrop, C., Grzadzinski, R.L., Crais, E.R., Baranek, G.T. (2020, July). Processing of infant directed speech by infants at variable likelihood of later autism diagnosis. Poster presented at the International Congress on Infant Studies, virtual.

Dallman, A., Harrop, C., Goldblum, J., **Thompson, K.**, Baranek, G.T., Watson, L.R. (2020, June). Early evidence of attentional biases in infants at elevated likelihood of autism screening on a sample of high-risk 12-month-olds diagnosed with autism spectrum disorder (ASD) at 36 months. Poster presented at the International Society for Autism Research Annual Meeting, virtual.

Nowell, S., Dubay, M., Choi, E., Grzadzinski, R., **Thompson, K.**, Baranek, G.T., Watson, L.R. (2019, Nov). Characteristics of toddlers at elevated likelihood of autism: Language, sensory reactivity, and autism-specific symptoms. Poster presented at the American Speech Language and Hearing Association National Convention, Orlando, FL.

Zimmerman, E., **Thompson, K.**, Hines, M., & Martens, A. (2019, March). Assessing infant feeding: A physiological and parental report comparison. Poster presented at the Dysphagia Research Society Conference, San Diego, CA.

Thompson, K., Zimmerman, E. (2018, November). Mobile health applications & speech-language pathologists: A pediatric focus. Poster presented at the American Speech Language and Hearing Association National Convention, Boston, MA.

Thompson, K., Zimmerman, E. (2018, November). The evidence surrounding recent NICU technologies to assess & treat feeding development in premature infants. Poster presented at the American Speech Language and Hearing Association National Convention, Boston, MA.

Hines, M., Zimmerman, E., **Thompson, K.**, Huerta-Montanez, G., Velez Vega, C., Cordero, J., Rosario Pabon, Z., Meeker, J., & Alshawabkeh, A. (2018, November). Examining the relation between non-nutritive suck and the Battelle Developmental Inventory in a Puerto Rican cohort. Poster presented at the American Speech-Language-Hearing Association National Convention, Boston, MA.

Thompson, K., Zimmerman, E. (2018, May). Mobile health applications & speech-language pathologists: A pediatric focus. Poster presented at the Research Innovation Scholarship Expo, Boston, MA.

Thompson, K., Zimmerman, E. (2015, May). Decoding feeding readiness cues in infants. Poster presented at the Research Innovation Scholarship Expo, Boston, MA.

Zimmerman, E., **Thompson, K.** (2014, Nov). Decoding feeding readiness cues in infants. Poster presented at the American Speech Language and Hearing Association National Convention, Orlando, FL.

TEACHING

Guest Lecturer for Autism Seminar (SPHS880) University of North Carolina Chapel Hill Developed and will present an in-person, 2-hr guest lecture on pediatric feeding disorders in the autism population to an interdisciplinary graduate student cohort.	Spring, 2023
Guest Lecturer for Seminar in Early Intervention (SPHS806) University of North Carolina Chapel Hill	Fall, 2022

Developed and presented an in-person, 90-minute guest lecture on pediatric feeding disorders and their assessment and treatment in the early intervention setting.

Guest Lecturer for Research Methodology in Allied Health Research Spring, 2022
(AHSC 896)

University of North Carolina Chapel Hill

Created and presented at 30min guest lecture on using heart rate variability as a research method in infants to a multidisciplinary class of doctoral students.

Instructor of Record for Seminar in Early Intervention (SPHS806) Fall, 2021

University of North Carolina Chapel Hill

Developed syllabus, assignments, and all lectures and activities for the course independently.

Taught all lectures for a class of 14 2nd year Master's SLP students. Graded all assignments.

Facilitated guest lectures by parents, the early sensory supports program in NC, and SLPs on the topics of bilingual language development, AAC, and career changes from adults to pediatrics. Met with students outside of class time to facilitate understanding of class content as well as for general mentorship. Overall student rating (5-point scale) of overall course 5.0.

Teaching Assistant for Autism Seminar (SPHS880) Spring, 2021

University of North Carolina Chapel Hill

Multi-disciplinary graduate level course for Master's SLP and teaching students. Co-created course syllabus with instructor, prepared and presented three lectures on the following topics: early identification of autism spectrum disorder, feeding problems in autistic children, and Floortime. Attended and facilitated weekly classes. Graded written assignments. Met with students as needed. Overall student rating (5-point scale) of overall course 4.75.

Guest Lecturer for Introduction to Clinical Practice in Speech Language Pathology and Audiology (SPHS583) Spring, 2021,
2022

Created and presented a 90-minute lecture introducing undergraduate students to pediatric feeding disorder. Created class aims and presented engaging, interactive lecture via Zoom.

Teaching Assistant for Intro. to Clinical Practice in Speech Language Pathology & Audiology (SPHS583) Spring, 2020

University of North Carolina Chapel Hill

Co-created syllabus and assignments with primary instructor. Created and graded four quizzes, as well as two writing assignments. Created and presented lectures on Technology in Communication Disorders and Pediatric Feeding Disorder. Prepared and taught a lecture on Diversity & Inclusion, as well as facilitated a guest lecture on cochlear implants. Attended two, 90-minute class periods weekly. Met with students outside of class time to provide additional help, as well as mentorship.

Teaching Assistant for Healthcare Research (HLTH5450) Spring, 2018

Northeastern University

Facilitated recitation sections on healthcare research for speech language pathology and audiology and physical therapy undergraduate students. Developed and presented a recitation lesson introducing students to basic statistical functions in Excel including lesson, creation of a problem set, and facilitation of the student's competition of the problem set.

FUNDING

James J. Gallagher Dissertation Award, Frank Porter Graham Child Development Institute, \$4500, PI	June, 2022
Leadership Development Scholars Program, \$500, Co-PI	Jan. 2021
North Carolina Clinical and Translational Sciences Pilot Research Grant, \$2,000, PI	Dec. 2020
US Dept of Education Training Grant, H325D180099, PI: Crais	Aug. 2019 – Present

Preparing Interdisciplinary Leaders to Collaborate with Stakeholders in Developing, Implementing, and Disseminating Effective Practices for High Need Children and Youth with Disabilities and Their Families

UNFUNDED

NIH NICHD, F31	Spring, 2021
<i>The role of preterm infant physiologic stress regulation and parent responsiveness on the development of oromotor skills or solids</i>	
Impact Score: 45; 52 nd percentile	

AWARDS

International Pediatric Feeding Disorder Conference, Outstanding Abstract Award	2023
Dysphagia Research Society, Research Career Development Program Mentee, \$2800	2023
American Speech Language Hearing Association, Meritorious Poster Award	2022
American Speech Language Hearing Association Distinguished Early Career Professional Certificate	2022
American Speech Language Hearing Association Award for Continuing Education	2022-2025
UNC Graduate Research and Policy Expo; 3 rd Place Presentation	2022
Dysphagia Research Society Institute for Education, selected as mentee for conference	2021
UNC, John B. Graham Medical Student Research Society	2021
Royster Fellowship, UNC-CH Graduate School	Aug. 2019 – Present
Sertoma Scholarship, \$1000	2015
Northeastern University, Department Academic Achievement Award	April 2015
Northeastern University, Department Research Award	April 2015
Northeastern University, Dean's List	2010-2015
Northeastern University, Bouvé College of Health Science Honor Society	
Northeastern University, Dean's Research Award	May 2014
Northeastern University, Marjorie Bouvé Leadership Award	May 2014
Northeastern University, Speech Science Academic Achievement Award	May 2014

PROFESSIONAL AND DISCIPLINE SERVICES

American Speech Language Hearing Association 2023 Convention Planning Committee

Pediatric Feeding and Swallowing Committee Member Jan. 2023 - Present

- Meet with committee members to identify suggested speakers and topics.
- Participate in an active proposal review.

Office of Research & Scholarship: Research Advisory Committee, UNC Sept. 2020 – Present
Doctoral Student Representative

- Attend monthly meetings with an interdisciplinary group of researchers from the Department of Allied Health Sciences.
- Provide committee with insights from the doctoral student community regarding research initiatives and curriculum.
- Assist with identifying guest speakers for the quarterly research forums.
- Take meeting minutes for committee record.

Professional Seminar Committee, Division of Speech & Hearing Sciences Sept. 2020 – Present

- Develop ideas for professional seminars for doctoral students in Speech & Hearing Sciences.
- Plan programming including recruiting speakers, sending invitations to students, and communicating with the department.
- Facilitate seminars by introducing speakers, leading discussions, and participating in all seminars.
- Meet with the two doctoral students and two faculty advisors for the committee at least one time per semester.

Feeding Matters

Research Task Force Sept. 2022 – Present

- Participate in weekly research team meetings to advance research in the area of pediatric feeding disorder in concert with the goals of Feeding Matters.
- Develop and implement a research study involving provider focus groups including writing and submitting the IRB, developing focus group questions, and leading clinician team members through the research process.
- Write and analyze a manuscript with clinical and research team members about the preparedness of speech language pathologists and occupational therapists to treat pediatric feeding disorders.
- Provide feedback on Feeding Matters research initiatives including community outreach and dissemination and future research priorities.

Digital Outreach Committee Member Nov. 2021 – Present

- Provide feedback on strategies and strategic initiatives to improve the digital reach of Feeding Matters.
- Collaborate with team members to make changes to digital strategies.
- Attend monthly committee meetings.

Volunteer Feb. 2020 - Present

- Volunteered at the 8th International Pediatric Feeding Disorders Conference as a discussion lead and chat moderator.
- With two others, co-authored a family guide that will be adopted by pediatrician offices in Arizona as part of a grant and research study to develop materials for families facing a diagnosis of pediatric feeding disorder. The long-term goal of this project is to deploy the guide nationally.
- Coordinated and communicated with other professionals and the team leader on the content of the family guide and its ongoing development.
- Authored sections on medical and psychosocial aspects of feeding disorder, as well as self-care resources and the glossary of terms in language that is appropriate for families while accurate and informative.

- Edited the entire family guide to prepare it for publication.
- Created graphics from statistics about pediatric feeding disorder for social media and grant publications using Canva.

Speech & Hearing Master's Degree Admissions Committee April, 2019 – Present

- Review applications for the UNC Master's Degree in Speech Language Pathology, rating according to pre-established criteria.
- Make recommendations on admission based on student responses.
- Attend 2-3 days of committee meetings to review applicants and make admissions decisions.

Conference Planning Committee, NC State Speech, Language & Hearing Association Oct. 2020 – March, 2022

- Attend meetings regarding the planning of the 2022 state conference
- Create visuals, graphics, and advertising materials for the event using Canva including sponsorship flyers, calls for papers, and social media graphics

Royster Global Initiative

Planning Committee Member and Participant

Sept. 2019 – June, 2021

- 2019/2020: With a team, developed the concept of and assisted in production of an eight-episode podcast on the real-life experiences of PhD students with an international group
 - Participated in two episodes of the podcast on mental health during COVID-19
- 2020/2021: With a team, developed and executed a four-week virtual conference for international doctoral students on "Tenacity in Turbulent Times". Used the Photovoice method and led discussions among small groups.

Manuscript Review

Journal of Pediatric Rehabilitation Medicine
Infants & Young Children

Student Mentorship (Research)

Ariel Travis, UNC SLP Master's Student	2022-Present
Summer Stavrevski, UNC SLP Master's Student	2022-Present
Melanie Exum, UNC SLP Master's Student	2022-Present
Elizabeth Gee, UNC SLP Master's Student	2020-2021
Mackenzie Bowlin Payne, UNC SLP Master's Student	2020-2021
Madison Clary, UNC SLP Master's Student	2020-2021

WORK EXPERIENCE

Thrive Speech Pathology Chapel Hill, NC
Owner, Speech-Language Pathologist Oct. 2018 – Present

- Have continuously provided clinical services throughout doctoral program.
- Perform all duties for patient intake, including provider phone calls, insurance authorization, scheduling, and parent education.
- Complete all insurance reimbursement including creating billing logs, completing insurance billing communicating with insurance companies, and remittance.

- Conduct evaluations and therapy, including all of the responsibilities detailed below as a pediatric speech-language pathologist.
- Supervise graduate students in speech-language pathology, providing mentorship, oversight, and counseling.

Pediatric Speech Language Pathologist

Dogwood Pediatric Therapy - Raleigh, NC

Aug. 2018 – Aug. 2019

Sept. 2017 – Aug.
2018

Back Bay Speech Therapy – Boston, MA

June 2015 – Aug. 2017

Playworks Speech & Language Therapy – Arlington, VA

- Conducted speech, language, fluency, AAC, and feeding evaluations using a variety of tools including standardized and informal testing.
- Provided individual and group articulation, expressive/receptive language, feeding, social pragmatic, motor speech, and fluency therapy for a caseload of infants, children, and young adults aged 1 months to 32 years encompassing disorders including: Autism Spectrum Disorder, Dysphagia, Fluency disorder, expressive/receptive language disorder, Dyslexia, Childhood Apraxia of Speech, Down Syndrome and other genetic disorders, and articulation disorder.
- Provided therapy in the home, daycare/preschool, Montessori, and clinic settings, incorporating significant parent and teacher education and coaching methods to facilitate carry-over and generalization.
- Wrote comprehensive and detailed evaluation reports, progress notes, letters of medical necessity, treatment notes, and plans of care.
- Collaborated with service coordinators, teachers, physicians, behavior analysts, occupational therapists, and psychologists through written and verbal communication and co-treatment sessions.
- Utilized evidence-based treatment methodologies including PROMPT, SOS, PECS, and Floortime.
- Provided parent education including home visits, materials, demonstrations, and coaching.

Brigham and Women's Hospital NICU and Follow Up Clinic

Boston, MA

Research Observer

April 2018

- In NICU, observed speech-language pathologist during evaluation and treatment sessions, including MBSS at Children's Hospital Boston, and discussed patient medical history, evaluation results and treatment decisions.
- Utilized EPIC electronic health record system to review patient's feeding treatment notes, feeding performance, respiratory events, nursing notes, and medical diagnoses to prepare for rounds, assessments, treatment sessions, and parent and nursing education meetings.
- In follow-up clinic, observed treatment team including: physician, speech language pathologist, physical therapist, dietician, and psychologist in providing comprehensive follow-up evaluations to NICU graduates corrected age 3 – 12 months.
- Participated in feeding evaluations and parent education about feeding strategies and milestones.

ASSOCIATIONS

American Speech-Language-Hearing Association

Certified Member

ASHA Special Interest Group 13: Swallowing & Swallowing Disorders

Member

Dysphagia Research Society
Feeding Flock Research Group

Member
Member

CERTIFICATIONS AND CLINICAL TRAINING

American Speech-Language-Hearing Association, Certificate of Clinical Competence	#14067297
North Carolina State SLP License	#13116
CardioEdit/CardioBatch trained	Oct. 2022
Responsive Feeding Therapy: Foundational Series	Oct. 2021
SOS Approach to Feeding, Initial Training	March 2016
PROMPTs for Restructuring Oral Muscular Phonetic Targets, Technique 1	June 2015