

Kate Helms Tillery, Ph.D., CCC-SLP

Speech and Hearing Science

College of Health Solutions

Arizona State University

Tempe AZ

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CREDENTIALS

1999-present Certificate of Clinical Competence in Speech-Language Pathology
American Speech-Language-Hearing Association

2000-present Speech-Language Pathology License (#SLP0869)
Arizona Department of Health Services

EDUCATION

- 2015 Ph.D. Speech and Hearing Science
Arizona State University, Tempe, AZ
Dissertation: "Individual differences in the perceptual learning of degraded speech: Implications for cochlear implant aural rehabilitation" Chairs: Sid P. Bacon, Julie M. Liss
- 1996 M.A. Communication Disorders
University of Minnesota, Minneapolis, MN
Thesis: "Wh- questions in child-directed American Sign Language: The optional eyebrow marker" Chair: Gerald M. Siegel
- 1988 B.S. Speech and Hearing Science
Arizona State University, Tempe, AZ
summa cum laude, Moeur Award

PROFESSIONAL EMPLOYMENT

- 2020-present Clinical Associate Professor, College of Health Solutions, Arizona State University
- 2015-2020 Clinical Assistant Professor, College of Health Solutions, Arizona State University
- 2008-2015 Graduate Research Associate, College of Health Solutions, Arizona State University
- 2003-2007 Speech-Language Pathologist, Mayo Clinic Arizona, Scottsdale, AZ
- 2003-2006 Adjunct Instructor, Arizona State University, Speech and Hearing Science
- 2001-2003 Parent Advisor, Arizona State Schools for the Deaf and the Blind, Phoenix AZ
- 2000-2001 American Sign Language Instructor, Phoenix Day School for the Deaf, Phoenix AZ
- 2000-2003 Speech-Language Pathologist, Phoenix Day School for the Deaf, Phoenix, AZ
- 1999 Speech-Language Pathologist, Dimensions Academy, Glendale, AZ
- 1998 SLP Clinical Fellow, CNY Speech-Language Consultants, Jamesville, NY

ASU Workload and Activities Summary Fall 2020 – Fall 2025		
Year	Workload	Activities
2025-2026	80% Teaching 20% Service	<p><u>Teaching</u></p> <ul style="list-style-type: none"> •Instructor, 3 academic courses •Clinical mentor, 4 students so far •Guest lecturer, 4 so far •Chair, Honors Thesis project <p><u>Service</u></p> <ul style="list-style-type: none"> •Member, ASU Career Faculty Association Resources Committee •Member, CHS Committee on Committees •Member, CHS Affinity Network: Interprofessional Education •Participant, CHS Mentorship Program-Mentor and Mentee •Co-chair, MS-Communication Disorders Curriculum Committee •Member, Project ECHO Hub Team: IMPACT •Member, Project ECHO Hub Team: TEAM-IPC •Member, Hearing Healthcare Assistance Project Hub Team •Co-presenter, 2 conference talks
2024-2025	80% Teaching 20% Service	<p><u>Teaching</u></p> <ul style="list-style-type: none"> •Instructor, 3 academic courses •Clinical mentor, 14 students •Guest lecturer, 4 courses •Grader, MS-Communication Disorders comprehensive exam •Participant, CHS Teaching Academy <p><u>Service</u></p> <ul style="list-style-type: none"> •Co-Chair, CHS Annual Review Committee-Career Track •Member, CHS Affinity Network: Interprofessional Education •Participant, CHS Mentorship Program-Mentor and Mentee •Member, MS-Communication Disorders Curriculum Committee •Member, Faculty Search Committee, CHS - Tenure Track •Interviewer, MS-Communication Disorders Admissions •Member, Project ECHO Hub Team: IMPACT •Member, Project ECHO Hub Team: TEAM-IPC •Member, Hearing Healthcare Assistance Project Hub Team •Co-Investigator, Arizona Community Foundation Grant •Co-presenter, 3 conference talks •Co-creator, Interactive training module for healthcare providers
2023-2024	80% Teaching 20% Service	<p><u>Teaching</u></p> <ul style="list-style-type: none"> •Instructor, 3 academic courses •Clinical mentor, 15 students •Guest lecturer, 5 courses

		<ul style="list-style-type: none"> •Recipient, CHS Teaching Award - Graduate <u>Service</u> •Member, CHS Affinity Network: Interprofessional Education •Presenter, CHS summer programs for high school students (INSPIRE and Health camps) •Member, Project ECHO Hub Team: IMPACT •Member, MS-Communication Disorders Curriculum Committee •Interviewer, MS Communication Disorders admissions •Member, Hearing Healthcare Assistance Project Hub Team •Co-presenter, 3 conference talks
2022-2023	Fall 2022: 80% Teaching 20% Service Spring 2023: 70% Teaching 20% Service 10% Research	<u>Teaching</u> <ul style="list-style-type: none"> •Instructor, 3 academic courses •Clinical mentor, 14 students •Guest lecturer, 5 courses <u>Service</u> <ul style="list-style-type: none"> •Presenter, Lincoln Ctr for Applied Ethics Summer Faculty Inst •Lead, CHS Interview Committee-Targeted Hire •Member, CHS Affinity Network: Interprofessional Education •Member, MS-Communication Disorders Curriculum Committee •Member, Project ECHO Hub Team: IMPACT •Member, Hearing Healthcare Assistance Project Hub Team <u>Research</u> <ul style="list-style-type: none"> •Co-PI, Vitalyst Medical Assistance Grant Proposal •Co-author, peer-reviewed manuscript (published in 2024) •Recipient, Meritorious Poster Award, ASHA Convention
2021-2022	80% Teaching 20% Service	<u>Teaching</u> <ul style="list-style-type: none"> •Instructor, 3 academic courses •Clinical mentor, 12 students •Guest lecturer, 5 courses <u>Service</u> <ul style="list-style-type: none"> •Member, CHS Affinity Network: Interprofessional Education •Member, CHS Promotion Panel for NTE Faculty •Member, MS-Communication Disorders Curriculum Committee •Member, Project ECHO Hub Team: IMPACT •Program Manager, PrISMS Training Grant •Co-coordinator, CHS Graduate Certificate: Communication Disorders in Multilingual Multicultural Populations
2020-2021	80% Teaching 10% Service 10% Administration	<u>Teaching</u> <ul style="list-style-type: none"> •Instructor, 5 academic courses •Clinical mentor, 14 students •Guest lecturer, 1 course

		<p><u>Service</u></p> <ul style="list-style-type: none"> •Member, CHS Executive Visioning Team •Member, CHS Affinity Network: Interprofessional Education •Faculty mentor, CHS Mentorship Program •Peer teaching reviewer, CHS •Member, MS-Communication Disorders Curriculum Committee •Member, Project ECHO Hub Team: CEES/IMPACT <p><u>Administration</u></p> <ul style="list-style-type: none"> •Program manager, PrISMS Training Grant •Co-coordinator, CHS Graduate Certificate: Communication Disorders in Multilingual Multicultural Populations
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TEACHING EXPERIENCE

Academic Instructor

2023-present **SHS 582: Differential Diagnosis of Communication Disorders**

Completed extensive course revisions. I generated instructional materials for Canvas, recorded new lectures, created new learning activities, and re-organized the Canvas shell. This graduate-level course is required for students in the MS in Communication Disorders program. It uses a flipped classroom model to cover principles and practices related to assessment of communication skills and diagnosis of communication disorders across the life span. Enrollment: 49-55.

2020-present **SHS 545: Communication Assessment and Intervention for Hearing Loss**

Developed new in-person course. I designed the curriculum, created multi-modal instructional materials, developed learning activities (including multilingual/multicultural case studies), and generated formative and summative assessments. In 2025 I extensively revised this course through the CHS Teaching Academy. This graduate-level course is an elective for students in the MS in Communication Disorders program. It uses a flipped classroom model to cover evidence-based approaches to the assessment of and intervention for speech, auditory, language, literacy, cognitive communication, and social communication skills for individuals who are Deaf or hard of hearing. Enrollment: 10-25.

2019-2022 **SHS 573: Language Assessment and Intervention for School-Age Children**

Completed extensive course revisions. I created new instructional materials and learning activities, revised student assessments, and revised the Canvas shell. This graduate-level course is required for students in the MS in Communication Disorders program. It uses a flipped classroom model to cover approaches to language intervention for school-age children and professional practices in educational settings. Enrollment: 43-47.

- 2018-2021 SHS 539: Professional Issues in Speech-Language Pathology
Completed significant expansion/development. I expanded this course from a one-semester online course to a two-semester in-person flipped-format course. I generated instructional materials, created learning activities, identified and scheduled guest presenters, designed formative and summative assessments, and created Canvas shells for both semesters. This course covers professional issues in speech-language pathology to ensure that students meet the professional knowledge requirements specified by the American Speech-Language-Hearing Association and to support their skills in communication, ethics, advocacy, and professional practice. Enrollment: 45.
- 2015-present SHS 524: Counseling in Communication Disorders
Completed extensive course revisions. In 2020, I began collaborating with a faculty colleague in Audiology to team-teach this course. We created new instructional materials, learning activities, lectures, and formative and summative assessments. This elective course introduces graduate student clinicians to culturally relevant and inclusive counseling practices for individuals who have speech, language and hearing disorders, and to techniques for effective self-reflection. The course uses a flipped classroom model to provide students with hands-on practice applying counseling techniques and developing self-awareness skills. Before the AuD program pause, it included both audiology and speech-language pathology graduate students. Enrollment: 33-57.

Clinical Instructor/Mentor

- 2016-2021 SHS 484: Clinical Internship for Speech-Language Pathology Assistant (SLPA) Program
Develop and maintain SLPA clinical training experiences. I collaborated with other speech-language pathology faculty to develop and supervise clinical training experiences for undergraduate students in our Speech-Language Pathology Assistant program. Clinical programs included group and individual therapy for children and adults who wished to improve their articulation, accent, and language skills. This involved creating assessment procedures, developing therapy materials and activities, editing clinical documentation, scheduling weekly debriefing and planning meetings, and conducting regular feedback sessions with students.
- 2015-present SHS 580: Clinical Practicum - Speech-Language Therapy
Develop and maintain multiple clinical training programs. Since 2015, I have continuously developed new clinical programs to provide graduate students with real-world experience providing speech-language therapy and aural rehabilitation to individuals with communication disorders. This involves designing culturally responsive, inclusive, and evidence-based assessment and intervention protocols for a range of concerns, including developmental language disorder, stuttering, aphasia,

autism, dyslexia, and hearing loss. It also involves marketing the programs, recruiting clients, collaborating with community partners and other practitioners, and developing instructional materials and hands-on clinical experiences for graduate student clinicians. Note: this course does not appear on my teaching schedule until Fall 2017 due to previous differences in workload accounting. Below are brief descriptions of the clinical programs I have developed.

2023-present Dyslexia Evaluations, Lead

Consult with dyslexia researchers and experts to design and implement evidence-based evaluation protocols for literacy concerns. Assess phonological awareness, reading decoding, reading comprehension, spelling, and writing skills for children and adults with suspected dyslexia. Mentor graduate students in planning individualized evaluations, interviewing families, administering assessments, analyzing results, and writing professional reports.

2021-present Hearing Healthcare Assistance Project, Co-lead

Collaborate with audiology faculty and community partners to provide no-cost hearing healthcare services for adult Arizonans with hearing loss who have limited income. Design and create client- and family-friendly instructional materials and hands-on learning activities to promote understanding of hearing loss and effective use of hearing aids, communication strategies, and self-advocacy skills. Write and submit grants to support the program. Mentor graduate student clinicians in their education and training of clients to support sustained use of and benefit from hearing aids. Recognized by ASU President Michael Crow for “remarkable efforts” that “move individuals, ASU, our community and the field of speech and hearing sciences forward.”

2021-present Community Hearing Screenings for Schools, Lead

Schedule and supervise hearing screenings for school-age children in public and private schools. Coordinate with community practitioners to ensure hearing screening protocols are followed. Develop and present training to graduate student clinicians in a range of hearing screening procedures, including otoscopy, tympanometry, pure-tone screening, and otoacoustic emission screening.

2018-present Living Well with Hearing Loss Community Class, Co-lead

Collaborate with audiology faculty to overhaul and implement a 4-session group class for adults in the community with hearing loss. Coordinate with community partners to secure off-campus sites,

recruit participants, and ensure accessible technology. Create informational materials with client-friendly information and graphics. Mentor graduate student clinicians in oral presentation and group therapy skills.

- 2018-2019 Child Hearing Connections Summer Camp, Co-lead
Collaborate with audiology faculty to design and implement a summer camp experience for school-age children with hearing loss. Develop and implement a curriculum targeting the development of self-efficacy, self-advocacy, communication strategies, and social-interpersonal skills for camp participants. Mentor graduate student clinicians in the provision of child-focused interprofessional services.
- 2016-2018 After School Articulation and Phonology Program, Co-lead
Collaborate with speech-language pathology partners to develop and implement an after-school speech therapy program for elementary school-aged children with articulation disorders. Develop culturally responsive evidence-based assessment and intervention procedures. Mentor undergraduate and graduate students in the provision of therapy services. Recognized by ASU President Michael Crow for “demonstrating innovation, increasing access to education and creating positive impact in the communities we serve.”
- 2016, 2017 Hearing for Humanity, Summer Study Abroad in Malawi, Co-lead
Collaborate with ASU faculty and in-country partners to provide culturally relevant speech, language, and hearing services for children and adults with hearing loss in Malawi. Develop and deliver pre-departure training in cultural practices, compassion fatigue, and collaborative teamwork. In country, design individualized family education materials and linguistically relevant services for clients. Mentor graduate student clinicians in the provision of culturally responsive care. Create and provide professional training in speech and language development for in-country professionals to support sustainable practices.
- 2015-present Central Auditory Processing Disorder Program, Co-lead
Collaborate with audiology partners to determine candidacy for evaluation of Central Auditory Processing Disorder evaluation. Develop and implement speech-language evaluation procedures, design informational materials for families, hold regular interprofessional staffing meetings, and consult with families. Mentor graduate students in the provision of evaluation services, including

assessment procedures, analysis of results, professional report writing, and family-focused communication.

2015-present Individualized Aural Rehabilitation Program, Lead

Design and implement intervention to promote the use of communication strategies, self-advocacy, speech, language, and literacy skills for individuals who are Deaf or hard of hearing across the lifespan. Develop linguistically and culturally responsive services for clients who use American Sign Language and identify with Deaf culture. Support effective use of hearing technology, including hearing aids, cochlear implants, and assistive devices. Mentor graduate student clinicians in the provision of inclusive and culturally relevant services.

Guest Lecturer

2025	SHS 496: "Aural rehabilitation through the eyes of an SLP"
2024	SHS 555: "Aural (re)habilitation for pediatric cochlear implant users"
2022-2024	SHS 539: "The clinical fellowship experience"
2022-2024	SHS 539: "Interprofessional practice"
2022-2025	SHS 581: "Hearing loss and dementia"
2020	SHS 465: "Language development in children who are D/HH"
2019	SHS 538: "Phonetics review"
2019	SHS 538: "Evidence-based practice"
2019	SHS 496: "Language, literacy, and speech skills in children who are D/HH"
2019	SHS 496: "Auditory training for adults with post-lingual hearing loss"
2017-2025	SHS 538: "Working with children who are Deaf or hard of hearing"
2017-2018	SHS 526: "Speech-language screening for audiologists"
2016-2025	SHS 538: "Hearing screening"
2016-2018	SHS 496: "Speech characteristics in individuals with hearing loss"
2016-2018	SHS 585: "Effects of hearing loss on speech development"
2016-2017	SHS 518: "Auditory training for adults with hearing loss"
2016-2017	SHS 598: "Team Building for Hearing for Humanity in Malawi"
2016-2017	SHS 598: "Conflict Management for Hearing for Humanity in Malawi"
2016	SHS 587: "Speech and language therapy for preschoolers with hearing loss"
2015	SHS 496: "Speechreading"
2015	SHS 500: "Individual differences in the perceptual learning of degraded speech"
2015	SHS 496: "Auditory training for children"
2015	SHS 105: "Language impairment in school-age children"

STUDENT MENTORING

Research Mentoring

Audra Morris	Barrett Honors Thesis Advisor; B.S. to be awarded 2026
Dari Owens	Capstone Mentor; M.S. awarded 2020
Eden Reeves & Lean Sarsour	Capstone Mentor; M.S. awarded 2019
Malia Allen & Danielle Steele	Capstone Mentor; M.S. awarded 2019
Alejandra Johns	Capstone Mentor; M.S. awarded 2018
Katherine Van Vuren	Thesis Chair; M.S. awarded 2018
CT Larson	Thesis Chair; M.S. awarded 2018
Tifani Wilhelm & Lauren Hartley	Capstone Mentor; M.S. awarded 2017

Pedagogical Mentoring of Graduate Student Assistants

2025	Rachel Ellsworth, Graduate Student Assistant for SHS 582
2024	Madilyn Pettijohn, Graduate Student Assistant for SHS 582
2023	Emily Krattley, Graduate Student Assistant for SHS 582
2022	Sarah Cotter, Graduate Student Assistant for SHS 573
2021	Jordan Vavra, Graduate Student Assistant for SHS 573
2020	Bryan Adams, Graduate Student Assistant for SHS 573

SCHOLARSHIP

Peer-reviewed Journal Publications

Helms Tillery, K., Rao, A. (2024). An interprofessional perspective on aural rehabilitation for adults with hearing loss and cognitive concerns. *Audiology Research* 14(1): 166-178.

Spencer, N.J., **Tillery, K.H.**, Brown, C.A. (2019). The effects of dynamic-range automatic gain control on sentence intelligibility with a speech masker in simulated cochlear implant listening. *Ear and Hearing*, 40, 710-724.

Brown, C.A., **Helms Tillery, K.**, Apoux, F., Doyle, N.M., Bacon, S.P. (2016). Shifting fundamental frequency in simulated electric-acoustic listening: Effects of F0 variation. *Ear and Hearing*, 37, e18-e25.

Helms Tillery, K., Brown, C.A., Bacon, S.P. (2012). Comparing the effects of reverberation and of noise on speech recognition in simulated electric-acoustic listening. *Journal of the Acoustical Society of America*, 131, 416-423.

Hickok, G., Erhard, P., Kassubek, J., **Helms Tillery, A.K.**, Naeve Velguth, S., Strupp, J., Strick, P., Ugurbil, K. (2000). A functional magnetic resonance imaging study of the role of left posterior superior temporal gyrus in speech production: Implications for the explanation of conduction aphasia. *Neuroscience Letters*, 287, 156-160.

Monograph

Downing, B.T., **Helms Tillery, K.** (1992). Professional Training for Community Interpreters (Monograph 92-2). Minneapolis, MN: University of Minnesota Center for Urban and Regional Affairs.

Invited Talks

Harding, M. and **Helms Tillery, K.** (2025). Talking the talk of person-centered care: Essential counseling skills. Arizona Speech-Language-Hearing Association, Phoenix, AZ.

Rao, A., **Helms Tillery, K.**, Michaels, M. (2025). Exploring systems change for person-centered hearing healthcare. Arizona Speech-Language-Hearing Association, Phoenix, AZ.

Helms Tillery, K., Rao, A. (2024). Living Well with Hearing Loss for underserved Arizonans. Arizona Speech-Language-Hearing Association, Tucson, AZ.

Oral Presentations

***indicates mentored student presentation (student name is underlined)*

Gotwalt, A., **Helms Tillery, A.**, Rao, A., Neptune, J. Marshall, T., Bentley, S. (2025). Multiskilling in geriatric care: An interdisciplinary approach to person-centered care. American Speech-Language-Hearing Association, Washington, D.C. *(Proposal accepted; scheduled for November 2025)*

Michaels, M., Rao, A., Wheeler, A., **Helms Tillery, K.** (2025). Building Hearing Health Equity in Arizona. Arizona Health Equity Conference, Phoenix, AZ. *(Proposal accepted, scheduled for October 2025)*

Ingram, K., Ratiu, I., Stats-Caldwell, D., **Helms Tillery, K.** (2024). PRACTICE: Peer-reviewed academic and clinical training integrating clinical evidence in speech-language pathology. American Speech-Language-Hearing Association, Seattle, WA.

Michaels, M., Rao, A., **Helms Tillery, K.**, Wheeler, A. (2024). A model for provision of no-cost hearing healthcare to adults with limited income. Hearing Loss Association of America, Phoenix, AZ.

Harding, M., **Helms Tillery, K.** (2024). Counseling in Communication Disorders: A skill-building and self-reflection course for graduate students. Council on Academic Programs in Communication Sciences and Disorders, New Orleans, LA.

****Helms Tillery, K.**, Rao, A., Fried, M., Zibin, S. (2021). Living well with hearing loss in the midst of a pandemic: Transitioning to virtual community education. ASU Social Embeddedness Network Conference, Tempe AZ.

****Rao, A. Helms Tillery, K., Tallman, R., Vavra, J.** (2021). Living well with hearing loss from one season to the next. ASU Social Embeddedness Network Conference, Tempe AZ.

****Helms Tillery, K., Rao, A., Chou, H.-H.** (2021). Online student training and group aural rehabilitation: Challenges and successes. Fifth International Meeting on Internet & Audiology, Chicago, IL.

Busen, J., **Helms Tillery, K.** (2016). Cochlear implants: A team approach. Arizona Speech Language Hearing Association, Tucson AZ.

Brown, C.A., **Helms Tillery, K.** (2011) Cochlear implant research update. Arizona Speech-Language Hearing Association, Tempe AZ.

Amann, B., Dang, W., Friedman Narr, R., **Helms Tillery, K.**, Parrone, L. (2001). Meeting the communication needs of students who are D/HH: Case studies. American Speech-Language-Hearing Association, New Orleans LA.

Helms Tillery, K., Siegel, G.M. (1995). Modification of the non-manual marker in wh-questions addressed to children in American Sign Language. 18th International Conference on Education of the Deaf, Tel Aviv Israel.

Poster Presentations

*****indicates mentored student project (student name is underlined)***

Ratiu, I., Ingram, K., **Helms Tillery, K.**, Stats-Caldwell, D. (2024). Evidence-based excellence: Teaching students to present clinical case studies using SBAR and PICO. Council on Academic Programs in Communication Sciences and Disorders, New Orleans, LA.

****Moreno, J.**, Rao, A., **Helms Tillery, K.**, Wu Terao, M. (2023). Outcomes of a pilot project to support hearing health equity in Arizona. American Academy of Audiology, Seattle, WA.

****Wu Terao, M.**, **Helms Tillery, K.**, Rao, A., Michaels, M., Abrams, C. (2022). Toward hearing health equity in Arizona. American Speech Language Hearing Association, New Orleans, LA.

Clark, V., Bacon, C., Ingram, K., Dixon, M., **Helms Tillery, K.**, Bruce, L. (2021). All teach, all learn: Connecting students, faculty, and community partners through Project ECHO. ASU Social Embeddedness Network Conference, Tempe AZ.

Bacon, C., Bruce, L., Clark, V., Dixon, M., **Helms Tillery, K.**, Ingram, K. (2021). Cultivating Critical Thinking and Interprofessional Learning Through Project ECHO. American Speech Language Hearing Association, Washington D.C.

****Larson, C., Helms Tillery, K.,** Azuma, T., Scherer, N. (2018). Feeding and swallowing disorders in Malawi: Perspectives and practices. American Speech Language Hearing Association, Boston MA.

****Van Vuren, K., Helms Tillery, K.,** Azuma, T., Scherer, N. (2018). Pediatric feeding disorders: What Latino parents say. American Speech Language Hearing Association, Boston MA.

Helms Tillery, K., Restrepo, M.A., Scherer, N. (2018). Preparing culturally and linguistically responsive speech pathologists. OSEP Project Directors' Conference, Arlington VA.

Helms Tillery, K., Cook, S.J., Utianski, R.L., Liss, J.M., Dorman, M.F. (2013). A word to the eyes: Visual cues benefit lexical segmentation in noise. Acoustical Society of America, San Francisco CA.

Brown, C.A., **Helms Tillery, K.** (2013). Influence of expanded voice pitch contours on the intelligibility of spectrally reduced speech. Conference on Implantable Auditory Prostheses, Lake Tahoe CA.

Ardoint, M., Brown, C.A., **Helms Tillery, K.,** Bacon, S.P. (2011). Presenting low-frequency cues visually in simulations of electric-acoustic stimulation. Conference on Implantable Auditory Prostheses, Asilomar CA.

Ardoint, M., Sheft, S., **Helms Tillery, K.,** Brown, C.A., Bacon, S.P. (2011). Discrimination of stochastic FM as a predictor of electro-acoustic stimulation (EAS) benefit. Acoustical Society of America, Seattle WA.

Helms Tillery, K., Brown, C.A., Yost, W.A., Bacon, S.P. (2011). The benefits of acoustic cues for cochlear implant users in reverberation. Conference on Implantable Auditory Prostheses, Asilomar CA.

Helms Tillery, K., Brown, C.A., Yost, W.A., Bacon, S.P. (2011). Influence of a single reflection on speech intelligibility in simulated electric-acoustic stimulation. Acoustical Society of America, Seattle WA.

Helms Tillery, K., Brown, C.A., Bacon, S.P. (2010). Low-frequency speech cues benefit simulated electric-acoustic listening in reverberation. American Auditory Society, Scottsdale AZ.

Helms Tillery K., Brown, C.A., Bacon, S.P. (2009). Spectral resolution and the intelligibility of reverberant speech in simulated electric-acoustic listening. Conference on Implantable Auditory Prostheses, Lake Tahoe CA.

Helms Tillery K., Brown, C.A., Bacon, S.P. (2009). The effects of reverberation on speech understanding in simulated electric-acoustic listening. American Auditory Society, Scottsdale AZ.

Helms Tillery K., Brown, C.A., Bacon, S.P. (2008). Relationship between loudness balancing and speech intelligibility in simulated EAS. American Auditory Society, Scottsdale AZ.

GRANTS

Funded

Hearing Healthcare Assistance Project. Arizona Community Foundation (Funded April 2025). Co-principal investigator. \$16,650.

Toward Hearing Health Equity in Arizona. Vitalyst Health Foundation Spark Grant. (Funded July 2022) Co-investigator. \$20,000.

Hearing Healthcare Assistance Project. Arizona Community Foundation (Funded April 2022) Co-investigator. \$25,000.

Hearing Loss in Adults: Communication, Connection, and Community. Arizona Community Foundation (Funded August 2020). Co-Principal Investigator. \$15,000.

ASU CHCC (Child Hearing Connections Camp) Summer Camps. Arizona Community Foundation. (Funded 2018). Co-investigator. \$20,000.

Preparing Intervention Specialists for Multilingual Multicultural Settings (PrISMS). U.S. Department of Education, Office of Special Education Programs Personnel Preparation: H325K160079. (2016-2021). Program Manager (.08 FTE). \$1,225,000.

Not Funded

Hearing Assistance for Adults in Maricopa County. Vitalyst Health Foundation Medical Assistance Grant. Submitted March 2023, not funded. Co-PI.

Hearing Aids for the Hearing Healthcare Assistance Project. Submitted internally to CHS for Women in Philanthropy. Submitted Sept 2021, not selected. Co-investigator.

Prosody Production Training with Multisensory Feedback for Cochlear Implant Users. NIH R21. Submitted June 2021, not funded. Collaborator.

Building for the Future with the Future. American Speech-Language-Hearing Association grant program for projects on multicultural activities. Submitted April 2021, not funded. Co-investigator.

Audiology and Speech-Language Pathology Preparation for Interprofessional Related Services in Education (ASPIRE). U.S. Department of Education, Office of Special Education Programs Personnel Preparation Training Grant. Submitted July 2019, not funded. Co-Principal Investigator.

SERVICE

University-Level Service

2025-present Member, ASU Career Faculty Association Resources Committee

College-Level Service

2025-present Member, Committee on Committees, College of Health Solutions
2024-present Member, Project ECHO Hub Team: TEAM-IPC, College of Health Solutions
2024 Co-chair, Annual Review Committee - Career Track, College of Health Solutions
2022 Lead, Interview Committee - Targeted Hire, College of Health Solutions
2021-present Member, Project ECHO Hub Team: IMPACT (formerly CEES ECHO)
2021 Member, Promotion Panel - NTE Faculty, College of Health Solutions
2021 Peer Teaching Reviewer, College of Health Solutions
2020-present Member, Affinity Network: Interprofessional Education, College of Health Solutions
2019-2021 Member, Executive Visioning Team, College of Health Solutions
2019-2020 Member, Peer Teaching Evaluation Committee, College of Health Solutions
2018-2020 Member, Translational Team: Hearing Loss, College of Health Solutions
2018 Member, Faculty Success Hub Planning Committee, College of Health Solutions

Program-Level Service

2025-present Co-chair, MS Communication Disorders Curriculum Committee
2024-2025 Member, Faculty Search Committee - Tenure Track, Speech and Hearing Science
2019-2024 Member, MS Communication Disorders Curriculum Committee
2019-2022 Co-coordinator, Multilingual/Multicultural Graduate Certificate
2018-2019 Member, Faculty Search Committee - Clinical Track, Speech and Hearing Science
2018-2019 Member, Awards Committee, Speech and Hearing Science
2018 Member, Ad Hoc Academic Standards Committee, Speech and Hearing Science
2016-2018 Member, Public Relations Committee, Speech and Hearing Science
2016 Member, Ad Hoc Promotion Committee, Speech and Hearing Science

Faculty Peer Mentoring

2025-present Shaylyn Kerbey (informal mentoring regarding clinical supervision and teaching)
2024-present Lisa Smith (CHS mentoring program)
2023-present Maria Dixon (informal mentoring regarding dissertation research and writing)
2019-2021 Liz Trueba (CHS mentoring program)

Community Service

2025 Presenter, "Hearing Devices and Communication Strategies," Dobson Ranch Retirees
2025 Presenter, "Tools for Living Well with Hearing Loss," Hearing Loss Association of America East Valley Chapter
2024-2025 Co-creator, "Supporting Individuals with Hearing Loss" interactive training module for community professionals

2024-2025	Presenter, "What does hearing loss sound like?" ASU Open Door
2024	Presenter, "Hearing Assistive Technology and Cochlear Implants," Lions Club of Maricopa
2023	Presenter, "Cross-institution collaboration for a student with autism spectrum disorder," IMPACT Project ECHO
2022	Presenter, "Strategies for serving a trilingual client" Supporting Collaborative Services Project ECHO
2021	Presenter, "Hearing aid orientation and care," Tempe Post Acute
2020	Presenter, "Auditory Skills and Self-Advocacy: Strategies for Effective Communication," Hearing Loss Association of America West Valley
2020	Presenter, "Self-Advocacy: Strategies for Effective Communication," Hearing Loss Association of America Veterans Chapter
2020	Presenter, "Engaging Clients in Telepractice Activities," ASU Community Supervisor Workshop
2018	Presenter, "Your Communication Toolkit: Chisel Your Skills with Aural Rehabilitation," Hearing Loss Association of America East Valley
2010	Presenter, "Age-related Hearing Loss," University of Arizona College of Medicine
2009	Presenter, "Hearing Loss in Aging Adults," University of Arizona College of Medicine

Student Recruitment/Retention

2025	Presenter, "Discover careers in audiology and speech-language pathology," INSPIRE Summer program for American Indian High School students
2023	Presenter, "Careers in Speech and Hearing Science," College of Health Solutions Summer Camp for Rising High School Students
2022-2025	Interviewer, MS in Communication Disorders Admissions Process
2022-2023	Presenter, "Discover careers in audiology and speech-language pathology," INSPIRE Summer program for American Indian High School students
2018-2019	Presenter, "Discover Speech Language and Hearing Science," ASU College of Health Solutions Future Health Leaders Camp
2016-2024	Presenter, MS in Communication Disorders Open House

Journal Review

2014	Ad Hoc Reviewer, Journal of the Association for Research in Otolaryngology
2012-2014	Ad Hoc Reviewer, Ear and Hearing

HONORS AND AWARDS

2025	Award for Continuing Education, American Speech-Language Hearing Association
2024	Teaching Award-Graduate, ASU College of Health Solutions
2023	Award for Continuing Education, American Speech-Language Hearing Association
2022	Meritorious Poster Award, American Speech Language Hearing Association
2019	Award for Continuing Education, American Speech-Language Hearing Association

2019	Nominee, Outstanding Faculty Mentor, ASU Graduate College
2017	Nominee, Outstanding Faculty Mentor, ASU Graduate College
2014	Travel Award, ASU Graduate and Professional Student Association
2013	Travel Award, ASU Graduate and Professional Student Association
2013	Pathways Mentee, American Speech-Language-Hearing Association
2013	Travel Award, Conference on Implantable Auditory Prostheses
2012	Travel Award, ASU Department of Speech and Hearing Science
2011	Travel Award, Conference on Implantable Auditory Prostheses
2009	Travel Award, Conference on Implantable Auditory Prostheses
2009	Travel Award, American Auditory Society Annual Meeting
2008	Travel Award, American Auditory Society Annual Meeting
2008	Graduate Fellowship, ASU Department of Speech and Hearing Science
2007	Graduate Recruiting Fellowship, Arizona State University Graduate College
1988	Moeur Award for Highest Academic Performance, Arizona State University
1984-1988	Arizona Board of Regents Academic Scholarship, Arizona State University

PROFESSIONAL AFFILIATIONS

2025-present ASU Career Faculty Association
 2024-present Arizona Speech-Language-Hearing Association
 2023-present Language First
 1999-present American Speech-Language-Hearing Association

PROFESSIONAL DEVELOPMENT

Fall 2020-present

Date	Host	Title	# hours	Yearly Total
11/22/2025	American Speech-Language-Hearing Association (ASHA) Annual Convention	SLPs' Preparation to Work with Deaf Signers: Self-Perception vs. Measured Knowledge	0.5	101
11/22/2025	ASHA Annual Convention	Developing a Tool to Assess SLP Knowledge and Skills for Working with Deaf/Hard-of-Hearing Children	0.5	
11/21/2025	ASHA Annual Convention	Beyond Multilingualism: Understanding Translanguaging in the Clinical Context	1.0	
11/21/2025	ASHA Annual Convention	Language Sample Analysis with Children who Use ASL: Strategies and Practice	1.0	
11/20/2025	ASHA Annual Convention	The Past, the Present, and the Future of Auditory Rehabilitation	2.0	
11/20/2025	ASHA Annual Convention	Updating our Counseling Toolkit: Utilizing a TEAM-CBT Approach in	1.0	

		Counseling for Speech-Language Pathology		
11/20/2025	ASHA Annual Convention	Courageous Conversations: Navigating DEI and Ethics in Supervision	1.0	
11/20/2025	ASHA Annual Convention	Envisioning Inclusive Futures: Evolving IEP Modifications for Children with Hearing Loss	1.0	
11/17/2025	ASU College of Health Solutions	TEAM-IPC ECHO: Cultural Humility in Interprofessional Practice	1.0	
10/22/2025	ASU College of Health Solutions	Peer Teaching Review of SHS 545	3.5	
9/24/2025	ASU College of Health Solutions	Examining Milk Thickening Practices for Infants with Cleft Palate: A Scoping Review	0.5	
8/29/2025	ASHA National Center for Evidence-Based Practice	Evidence-Based Practice Basics and Tools for Practicing Clinicians	0.5	
8/29/2025	ASHA National Center for Evidence-Based Practice	Using ASHA'S Evidence Maps	0.5	
8/29/2025	ASU College of Health Solutions	Sharing Inclusive Practices Journal Club: Use of Gender-Inclusive Language in Lactation Care	1.0	
8/26/2025	ASU SAILS	AccessZone Training, Part 1: Disability Context in Higher Education	1.0	
8/19/2025	ASU College of Health Solutions	Pivotal Response Treatment & Early Intervention	1.5	
5/12/2025 – 8/8/2025	ASU College of Health Solutions	CHS Teaching Academy	80.0	
2/25/2025	ASU College of Health Solutions	Identifying and Supporting Gestalt Language Processes	1.5	
2/21/2025	ASU College of Health Solutions	Sharing Inclusive Practices Journal Club: Accommodations in Higher Education	1.0	
1/26/2025	ASU College of Health Solutions	TEAM-IPC ECHO: Communication Tools and Techniques for Interprofessional Collaboration	1.0	
11/22/2024	ASU College of Health Solutions	Sharing Inclusive Practices Journal Club: Facilitating Access for students who are Deaf or Hard of Hearing	1.0	26
11/19/2024	ASU College of Health Solutions	IMPACT ECHO: Neurodiversity-affirming support in the early childhood setting	1.5	
10/29/2024	ASU College of Health Solutions	The Best of BEEP (Building Expertise with Early Childhood Professionals) Conference: Implementing Culturally Responsive Feeding Practices	1.0	

10/25/2024	ASU College of Health Solutions	IMPACT ECHO: We are in this together! ASD and AAC in the classroom	1.5	
10/21/2024	ASU College of Health Solutions	Inclusive Excellence Workshop #14: Professional and Student Success	1.5	
9/24/2024	ASU College of Health Solutions	IMPACT ECHO: Gestalt Language Processing and DIR Floortime	1.5	
9/5/2024	AZ Dept of Health Services	Hearing Screener Certification	4.0	
8/27/2024	ASU College of Health Solutions	IMPACT ECHO: This Puzzle is Missing a Piece: Case Study of a Young Child with Communication and Learning Challenges	1.5	
4/25/2024	ASU-College of Health Solutions	Childhood Trauma: The Invisible Participant in Speech-Language Therapy Sessions	3.0	
4/5/2024	Council on Academic Programs in Communication Sciences and Disorders (CAPCSD) Annual Conference	Maintaining Harmony – Handling Difficult Conversations with Students	1.5	
4/5/2024	CAPCSD Annual Conference	A Clinical Writing Lab Pilot Study: The Good, Bad and the Ugly	1.0	
4/4/2024	CAPCSD Annual Conference	Preparing Culturally Responsive Clinicians: How to Create Case Studies Showcasing Least-Biased Practices	1.5	
4/4/2024	CAPCSD Annual Conference	Beyond Rapport: Promoting and Measuring the Therapeutic Alliance in Clinical Education	1.0	
3/28/2024	ASU-College of Health Solutions	IMPACT ECHO: Impact of Cultural Dialect on Reading and Writing	1.5	
2/29/2024	ASU-College of Health Solutions	IMPACT ECHO: Teaching Neurodiversity in Inclusive Classrooms	1.5	
1/25/2024	ASU-College of Health Solutions	IMPACT ECHO: Collaboration in a Neuro-Inclusive Workplace	1.5	
11/30/2023	ASU-College of Health Solutions	Vitamin/Mineral/Micronutrient Supplementation for Autism	1.5	84.5
11/1/2023	ASU-College of Health Solutions	Time to Act: Confronting Racism in CSD Academic Training Programs	1.0	
10/19/2023	ASU-College of Health Solutions	The Impact of Cultural Dialect on Reading and Writing	1.0	
9/29/2023	University of Arizona	Multicultural Issues in Audiology	5.0	
6/30/2023 - 9/10/2023	Language First	Introduction to Signed Language Intervention for Speech-Language Pathologists	70.0	

8/17/2023	ASU-College of Health Solutions	ASD and Tourette's	1.5	
4/27/2023	ASU-College of Health Solutions	Engaging Parents in the IEP Process	1.5	
2/23/2023	ASU-College of Health Solutions	Attention and Executive Function in Autism Spectrum Disorder	1.5	
1/26/2023	ASU-College of Health Solutions	Language Learning and Skill Building	1.5	
12/19/2022	American Speech-Language-Hearing Association (ASHA)	Clinical Considerations for Children and Adults from CLD Backgrounds	3.0	54
12/16/2022	ASU-College of Health Solutions	Doing Research in Indigenous Communities	3.0	
12/1/2022	ASU-College of Health Solutions	Inclusive Language Instruction	1.5	
11/30/2022	ASU-College of Health Solutions	Emergency Preparedness – Active Shooter Training	1.0	
11/19/2022	ASHA Annual Convention	Ethical Considerations in Audiology and Speech-Language Pathology Practice: Blurred Lines (Ethics credits)	1.0	
11/19/2022	ASHA Annual Convention	Teaching “Cultural Competency”: Do's and Don'ts	1.0	
11/19/2022	ASHA Annual Convention	Research Symposium on Hearing: Community Health Workers and Telehealth: Qualitative Results From a Feasibility Trial	1.0	
11/19/2022	ASHA Annual Convention	Research Symposium on Hearing: Advancing Hearing Health Equity for Older Adults: Lessons from HEARS	1.0	
11/18/2022	ASHA Annual Convention	Reframing Clinical Supervision and Education: Lessons Learned and Pathways Forward (Supervision credits)	1.0	
11/17/2022	ASHA Annual Convention	Telehealth Toolbox for Aural Rehabilitation	1.0	
11/17/2022	ASHA Annual Convention	So You Think You Can Survey? Best Practices in Survey Data Collection (Ethics credits)	1.0	
11/17/2022	ASHA Annual Convention	Language Sampling and Analysis: Rethinking the Options	1.0	
11/17/2022	ASHA Annual Convention	A Framework for Conducting Authentic Scenario-Based Graduate Student Instruction on Diversity, Equity, and Inclusion (DEI)	1.0	
11/10/2022	ASU-College of Health Solutions	Social Inclusion of Children with ASD	1.5	

10/13/2022	ASU-College of Health Solutions	Autism Spectrum Disorder among Latinx Children	1.5	
9/29/2022	ASU-College of Health Solutions	Central Auditory Processing Disorder	1.5	
6/30/2022	ASU-College of Health Solutions	Speech-Language Pathologists Working with Native American Children	1.5	
4/28/2022	ASU-College of Health Solutions	Supporting Collaborative Services for Multicultural Populations	9.0	
3/1/2022	ASU-College of Health Solutions	Assessing Barriers to Graduate School Admission for Applicants from Underrepresented Populations in a Master's Level Speech-Language Pathology Program	1.5	
1/21/2022 2/22/2022 3/18/2022 4/29/2022 5/13/2022	ASU-College of Health Solutions	Dissemination and Implementation Training Program	20.0	
9/24/2021 10/22/2021 11/19/2021 12/10/2021	ASU-College of Health Solutions	Dissemination and Implementation Training Program	16.0	21
10/7/2021	ASU-College of Health Solutions	Efficacy of the TELL Curriculum for Low Income Preschoolers	0.5	
9/23/2021	ASU-College of Health Solutions	Behavior Management in Educational Settings: The Importance of Effective Training	0.5	
9/9/2021	ASU-College of Health Solutions	Smartbox Assistive Technology	0.5	
4/15/2021	ASU-College of Health Solutions	Advocating for services in the schools	0.5	
4/1/2021	ASU-College of Health Solutions	Interprofessional practice in school settings	0.5	
3/18/2021	ASU-College of Health Solutions	Supervision with telepractice	0.5	
3/4/2021	ASU-College of Health Solutions	Evaluating clinical skills in student clinicians	0.5	
2/18/2021	ASU-College of Health Solutions	Tele-assessment: managing assessment in the time of COVID-19	0.5	
2/4/2021	ASU-College of Health Solutions	Teletherapy for school-age children	0.5	
1/21/2021	ASU-College of Health Solutions	Coping with COVID – What's your district doing?	0.5	

10/22/2020 11/3/2020 11/19/2020 12/3/2020 12/17/2020	ASU-College of Health Solutions	Racial and social justice discussion group	8.0	23
11/18/2020	Central Institute for the Deaf	Linking Language and Literacy	0.5	
10/13/2020	Central Institute for the Deaf	Vocabulary Acquisition for Academic Success	0.5	
9/9/2020	ASU-College of Health Solutions	The link between working memory & grammaticality impairments in aphasia	1.0	
8/28/2020	ASU-College of Health Solutions	Supervision updates in response to COVID-19: Telepractice	2.0	
8/17/2020	ASU UTO	Type B classroom orientation	1.0	
8/14/2020	ASU UTO	Type A classroom orientation	1.0	
8/13/2020	ASU	Yellowdig training	1.0	
8/12/2020	ASU	ASU Sync Essentials	1.0	
7/15/2020	ASU	Return to Campus Training for Supervisors	1.0	
6/16 6/18/2020	ASU	ASU Sync Webinar	2.0	
5/20/2020	ASU-College of Health Solutions	Orientation to telepractice	2.0	
4/10/2020	Reading with TLC	Providing structured literacy lessons via telepractice	2.0	