Curriculum Vita

Catherine V. Palmer, Ph.D.
Department of Communication Science and Disorders
University of Pittsburgh
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Name: Catherine V. Palmer

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Education and Training

Undergraduate

1980-1984	University of Massachusetts, Amherst, MA	BS	Communication Science & Disorders
1980-1984	University of Massachusetts, Amherst, MA	BA	Multicultural Elementary Education

(with coursework in Victorian English Literature, Trinity College, Oxford University, England)

Graduate

1984-1985	Northwestern University, Evanston, IL	MA	Audiology and Hearing Impairment
1987-1991	Northwestern University, Evanston, IL	Ph.D.	Audiology and Hearing Impairment

Appointments and Positions

Years Inclusive	Name and Location of Institution	Rank/Title
5/2022-present	University of Pittsburgh, Interim Chair, CSD	Professor
8/2020-present	University of Pittsburgh, SHRS, graduate faculty	Professor
8/2020-present	University of Pittsburgh School of Medicine	Professor
1/2021-present	Clinical and Translational Science Institute (CTSI)	Joint Appointment
10/2015-present	UPMC Health System	Director, Audiology
5/2000-2020	University of Pittsburgh, SHRS, graduate faculty	Associate Professor
5/2000-2020	University of Pittsburgh School of Medicine	Associate Professor
9/1990-2000	University of Pittsburgh, SHRS, graduate faculty	Assistant Professor
7/1993-2000	University of Pittsburgh School of Medicine	Assistant Professor
9/1998-present	Department of Otolaryngology, UPP-ENT University of Pittsburgh, Pittsburgh, PA	Director, Audiology and Hearing Aids
1/2014-2018	University of Memphis	Adjunct Faculty

Certification and Licensure

Specialty Certification	Year

American Speech-Language-Hearing Association
Certificate of Clinical Competence (00166819-02) 1988

Professional Licensure
Licensing Board/State:
Audiology/Pennsylvania (AT-000660-L) 1991-present
Audiology /Illinois (147-000085) 1985-1991
Hearing Aids/Illinois (0619) 1989-1991
Audiology & Hearing Aids/California (1025) 1986-1991
Teaching Certification/Massachusetts (0264750) 1984-1985

Membership in Professional and Scientific Societies

Organization	Year
Massachusetts Speech/Language/Hearing Association, student member	1980-1984
Alpha Lambda Delta Honor Society, member	1980-1984
Phi Kappa Phi Honor Society, member	1984-present
American Speech-Language-Hearing Association, member	1982-present
Acoustical Society of America, member	1985-2000
The American Society for Deaf Children, member	1987-2000
American Auditory Society, member	1987-present
A.G. Bell Association for the Deaf, member	1987-2000
Academy of Rehabilitative Audiology, member	1987-2009
American Academy of Audiology, member	1989-present
Southwestern Pennsylvania Speech-Language-Hearing Association,member	1990-2005
Pennsylvania Speech-Language-Hearing Association, member	1991-2005
Sigma Xi, The Scientific Research Society, member	1991-2015
Pennsylvania Academy of Audiology, Steering Committee	1993-1995
Pennsylvania Academy of Audiology, Member	1993-present
Self Help for Hard of Hearing, professional member	1993-2005
Educational Audiology Association, member	1994-2009

Honors

Title of Award	Year
Teacher's Association Scholarship	1980
Phi Kappa Phi Scholar	1982-1984
Alumni Scholarship Award	1983
Quint Prize in Honors	1983
SMSHA Scholarship	1984
Mimi Romo Memorial Scholarship	1984
Commonwealth Scholar (Massachusetts)	1984
Phi Kappa Phi Scholarship	1984
Northwestern Presidential Fellowship	1984-1985 1987-1989
Kappa Kappa Gamma Rehabilitation Scholarship	1984-1985
Alpha Lambda Delta Senior Book Award	1985

Performance Award, VAMC, Long Beach, CA	1986
Delta Zeta Foundation	1987
1st Editor's Award for the American Journal of Audiology	1993
Dean's Distinguished Teaching Award School of Health and Rehabilitation Sciences	1999
PA Academy of Audiology Don Konkle Award for Outstanding Service	2004
PAO-HNS Citation for Distinguished Service	2006
Larry Mauldin Award for Educational and Professional Excellence	2009
Provost's Award for Excellence in Mentoring	2015
Chancellor's Early Stage Commercialization Fund Pitch (2nd Place)	2017
3 Rivers Venture Fair Pitch (2nd Place)	2017
Dr. Thomas Powers Power of Passion Award for Hearing Health	2018
Educational Partners of the Year, WPSD (part of team receiving this award)	2018
UPMC Extra Mile Quarterly Award, Honorary Mention	2022
American Academy of Audiology Presidential Award ("in grateful appreciation for significant contributions to the American Academy of Audiology and the profession of Audiology")	2022

Publications

Refereed Articles

1. Tarfa, R., Balogun, Z. Li, J., Atchison, K., Mamula, E., Zitelli, L., Palmer, C., Johnson, J., Nilsen, M. (submitted May 2022). Head and Neck Cancer Survivorship: Hearing loss, tinnitus, and psychological distress. Otolaryngology-Head and Neck Surgery.

2. Zitelli L, Palmer C, Mamula E, Johnson J, Rauterkus G, Nilsen ML. Hearing screening and amplifier uptake results in a multidisciplinary head and neck cancer survivorship clinic. *J Cancer Surviv*. Published online March 29, 2022. doi:10.1007/s11764-022-01198-9

3. Patterson, C., Leland, N., Mormer, E., Palmer, C. (in press, 2022). Tutorial: Alternative designs for testing speech, language and hearing interventions Cluster Randomized Trials and Stepped Wedge Design. Journal of Speech Language and Hearing Research.

4. *Zhang, M., Stern, R., Moncrieff, D., Chandrasekaran, B., Palmer, C., Brown, C. (submitted, 2021). Titrated exposure to non-traumatic noise and unvoiced speech recognition in characterizing cochlear synaptopathy in human listeners. Trends in Hearing.

5. *Kurosu, A., Pratt, S., **Palmer, C.**, Shaiman, S. (2020). Investigation of embodied language processing on command-swallow performance in healthy participants. J Speech Lang Hear Res. 2020, December: https://doi.org/10.1044/2020_JSLHR-20-00048

6. *Zhang M, **Palmer C**. Considerations for Quantifying Listening Effort in a Geriatric Population Using Pupillometry. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2020; 18(4), 256-259.

7. *Zhang M, **Palmer C**. The Behavioral and Self-report Measures of Listening Effort and the Applications in Geriatrics. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2020; 18(4), 251-255.

8. *Zhang M, Siegle G, McNeil M, Pratt S, **Palmer C**. The Role of Reward and Task Demand in Value-Based Strategic Auditory Comprehension Effort. Hear Res. 2019, Sept, 381(15): https://doi.org/10.1016/jheares.2019.107775.

9. Tzounopoulos T, Balaban C, Zitelli L, **Palmer C**. Towards a mechanistic-driven precision medicine approach for tinnitus. J Assoc Res Otolaryngol. 2019 Apr; 20(2):115-131. PubMed PMID: 30825037. DOI: https://doi.org/10.1007/s10162-018-00709-9.

10. *Kang L, Haley E, Wessel C, Lin H., **Palmer, C**. Three Commonly Used Electrophysiological Assessments in Mucopolysaccharidosis (MPS): A Meta-Analysis. Advances in Clinical Medicine. 2019; 9(1), 67-79. DOI: https//doi.10. 12677/acm.2019.91013.

11. *Zhang M, **Palmer C**. The association between listening effort research and auditory rehabilitation. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2019; 17(1), 1-8.

12. *Garcia SL, Smith KJ, **Palmer C**. Cost-effectiveness analysis of a military hearing conservation program. Mil Med. 2018 Sept-Oct; 183(9-10):e547-e553. PubMed PMID: 29425310. DOI: https://doi.org/10.1093/milmed/usx112.

13. Zitelli L, **Palmer C**. Recognizing and reacting to risk signs for patient suicide. Semin Hear. 2018 Feb; 39(1):83-90. PubMed PMID: 29422716. DOI: https://doi.org/10.1055/s-0037-1613708.

14. *Zhang M, **Palmer C**. The ease of language understanding model and listening effort. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2018; 16(3):220-225.

15. *Zhang M, **Palmer C**. The application of Kahneman's Unitary-Resource Model in listening effort research. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2017; 15(3):205-207.

16. **Palmer C**, *Mulla R, Dervin L, Costigan K. HearCARE: Hearing and Communication Assistance for Resident Engagement. Semin Hear. 2017 May; 38(2):184-197. PubMed PMID: 28522893. DOI: https://doi.org/10.1055/s-0037-1601574.

17. Zitelli L, **Palmer C**. The role of audiology in an outpatient interdisciplinary trauma clinic. Semin Hear. 2017 May; 38(2):169-176. PubMed PMID: 28522891. DOI: https://doi.org/10.1055/s-0037-1601572.

18. Zitelli L, **Palmer C**. The effect of outpatient interventional audiology on inpatient audiology services. Semin Hear. 2017 May; 38(2):160-168. PubMed PMID: 28522890. DOI: https://doi.org/10.1055/s-0037-1601571.

19. Mady L, Sukato D., Fruit J, **Palmer C**, Raz Y, Hirsch B, McCall A. Hearing preservation: Does electrode choice matter? Otolaryngol Head Neck Surg. 2017 Nov; 57(5):837-847. PubMed PMID: 28608735. DOI: https://doi.org/10.1177/0194599817707167.

20. *Jorgensen L, **Palmer C**, Pratt S, Moncrieff D, Erikson K. The effect of decreased audibility on MMSE performance: A measure commonly used for diagnosing dementia. J Am Acad Audiol. 2016 Apr; 27(4):311-23. PubMed PMID: 27115241. DOI: https://doi.org/10.3766/jaaa.15006.

21. **Palmer C,** *Rauterkus E. A Reply to Johnson and Danhauer (2015). J Am Acad Audiol. 2015 Sep; 26(8):744. PubMed PMID: 26333883. DOI: https://doi.org/10.3766/jaaa.15055.

22. **Palmer C**, Fruit J, *Mulla R, *Uayporn P, *Zhang M. Evidence based practice and amplification. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2015; 13(6):405-411.

23. *Zhang M, **Palmer C**, Mueller G. Timing consideration in trainable hearing aids. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2015; 13(6):412-413.

24. *Zhang M, **Palmer C**. Finding "Listening effort" in Chinese. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2015; 13(6):416-418.

25. *Ye Y, **Palmer C**. Hearing in Noise in Conversational and Loud Speech in Mandarin Chinese. Chinese Scientific Journal of Hearing and Speech Rehabilitation. 2015; 13(6):414-415.

26. Zitelli L, **Palmer C**. An example of interventional audiology in an inter-professional post-trauma clinic. Audiology Practices. 2015 Aug/Sept; 7(3):8-15.

27. *Jorgensen L, **Palmer C**, Fischer G. Evaluation of hearing status at the time of dementia diagnosis. Audiology Today. 2014 Jan/Feb; 38-45.

28. *Rauterkus E, **Palmer C**. The hearing aid effect in 2013. J Am Acad Audiol. 2014 Oct; 25(9):893-903. PubMed PMID: 25405843. DOI: https://doi.org/10.3766/jaaa.25.9.10.

29. *Mormer E, **Palmer C**, Jorgensen L, Messick C. The evidence base in clinical supervision. J Am Acad Audiol. 2013 May; 24(5):393-406. PubMed PMID: 23739059. DOI: https://doi.org/10.3766/jaaa.24.5.6.

30. **Palmer C**. Research in audiology education. J Am Acad Audiol. 2013 May; 24(5):342-3. PubMed PMID: 23739054. DOI: https://doi.org/10.3766/jaaa.24.5.1.

31. *Brodsky M, Verdolini Abbot K, McNeil M, **Palmer C**, Grayhack J, Martin-Harris B. Effects of divided attention on swallowing in persons with idiopathic Parkinson's disease. Dysphagia. 2012 Sep; 27(3):390-400. PubMed PMID: 22197910. DOI: https://doi.org/10.1007/s00455-011-9381-x.

32. *Brodsky M, McNeil M, Martin-Harris B, **Palmer C**, Grahack J, Verdolini Abbot K. Effects of divided attention on swallowing in healthy participants. Dysphagia. 2012 Sep; 27(3):307-17. PubMed PMID: 21892783. DOI: https://doi.org/10.1007/s00455-011-9367-8.

33. *Byrne D, **Palmer C.** Comparison of speech intelligibility measures for an electronic amplifying earmuff and an identical passive attenuation device. Audiol Res. 2012 Feb 24;2(1):e5. PubMed PMID: 26557334. DOI: https://doi.org/10.4081/audiores.2011.e5.

34. *Ortmann AJ, **Palmer C**, Pratt SR. Impact of spectrally asynchronous delays on consonant voicing perception. J Am Acad Audiol. 2010 Sep; 21(8):493-511. PubMed PMID: 21034697. DOI: https://doi.org/10.3766/jaaa.21.8.2.

35. **Palmer C**. A contemporary review of hearing aids. Laryngoscope. 2009 Nov; 119(11):2195-204. PubMed PMID: 19824045. DOI: https://doi.org/10.1002/lary.20690.

36. **Palmer C**, Solodar H, *Hurley W, *Byrne D, Williams K. Self-perception of hearing ability as a strong predictor of hearing aid purchase. J Am Acad Audiol. 2009 Jun; 20(6):341-7. PubMed PMID: 19594082. DOI: https://doi.org/10.3766/jaaa.20.6.2.

37. **Palmer C**, Mormer E, *Ortmann A, *Byrne D, *Ye Y, *Keogh L. Is it REAL? Research - Evaluation for Audiology Literature. The Hearing Journal. 2008; 61(10):17-28.

38. *Ruscetta M, **Palmer C**, Durrant J, Grayhack J, Ryan C. The impact of listening with directional microphone technology on self-perceived localization disabilities and handicaps. J Am Acad Audiol. 2007 Oct; 18(9):794-808. PubMed PMID: 18354887. DOI: https://doi.org/10.3766/jaaa.18.9.7.

39. **Palmer C**, Glattke T. Efficacy of mandatory continuing education. Semin Hear. 2007 Feb; 28(1):46-54. DOI: https://doi.org/10.1055/s-2006-958911.

40. Johnson CE, Danhauer JL, Dybala PD, Garner GD, Hanks WD, Meyer DH, Olek M, **Palmer C**, Wilson M. Future perspectives in audiology continuing education. Semin Hear. 2007 Feb; 28(1):72-85. DOI: https://doi.org/10.1055/s-2006-958914.

41. Hanks W, **Palmer C**, Johnson C. Audiologists' guide to selecting and providing audiology continuing education. Semin Hear. 2007 Feb; 28(1):36-45. DOI: https://doi.org/10.1055/s-2006-958910.

42. **Palmer C**, Bentler R, Mueller HG. Amplification with digital noise reduction and the perception of annoying and aversive sounds. Trends Amplif. 2006 Jun; 10(2):95-104. PubMed PMID: 16959733. DOI: https://doi.org/10.1177/1084713806289554.

43. Bentler R, **Palmer C**, Mueller HG. Evaluation of a second-order directional microphone hearing aid: I. Speech perception outcomes. J Am Acad Audiol. 2006 Mar; 17(3):179-89. PubMed PMID: 16646278. DOI: https://doi.org/10.3766/jaaa.17.3.4.

44. **Palmer C**, Bentler R, Mueller HG. Evaluation of a second-order directional microphone hearing aid: II. Self-report outcomes. J Am Acad Audiol. 2006 Mar; 17(3):190-201. PubMed PMID: 16646279. DOI: https://doi.org/10.3766/jaaa.17.3.5.

45. **Palmer C**. Quantifying and responding to patient needs and expectations. J Am Acad Audiol. 2005 Nov-Dec; 16(10):789-808. PubMed PMID: 16515132. DOI: https://doi.org/10.3766/jaaa.16.10.4.

46. *Ruscetta M, **Palmer C**, Durrant J, Grayhack J, Ryan C. Validity, internal consistency, and test/retest reliability of a localization disabilities and handicaps questionnaire. J Am Acad Audiol. 2005 Sep; 16(8):585-95. PubMed PMID: 16295245. DOI: https://doi.org/10.3766/jaaa.16.8.7.

47. **Palmer C**, Grimes A. Effectiveness of signal processing strategies for the pediatric population: a systematic review of the evidence. J Am Acad Audiol. 2005 Jul-Aug; 16(7):505-14. PubMed PMID: 16295237. DOI: https://doi.org/10.3766/jaaa.16.7.10.

48. Sweetow R, **Palmer C**. Efficacy of individual auditory training in adults: a systematic review of the evidence. J Am Acad Audiol. 2005 Jul-Aug; 16(7):494-504. PubMed PMID: 16295236. DOI: https://doi.org/10.3766/jaaa.16.7.9.

49. *Ortmann A, **Palmer C.** Hearing loss and hearing aids. Neurol Clin. 2005 Aug; 23(3):901-18, viii. PubMed PMID: 16026682. DOI: https://doi.org/10.1016/j.ncl.2005.03.002.

50. Durrant J, **Palmer C**, Lunner T. Analysis of counted behaviors in a single-subject design: modeling of hearing-aid intervention in hearing-impaired patients with Alzheimer's disease. Int J Audiol. 2005 Jan; 44(1):31-8. PubMed PMID: 15796100. DOI: https://doi.org/10.1080/14992020400022637.

51. **Palmer C**. A checklist/protocol for audiologists: Is this hearing aid appropriate for this individual? Journal of Educational Audiology. 2004; 11:49-68.

52. Bentler R, **Palmer C**, Dittberner A. Hearing-in-Noise: comparison of listeners with normal and (aided) impaired hearing. J Am Acad Audiol. 2004 Mar; 15(3):216-225. PubMed PMID: 15119462. DOI: https://doi.org/10.3766/jaaa.15.3.4.

53. Pediatric Amplification Task Force: **Palmer C**, Grimes A (co-chairs). American Academy of Audiology Pediatric Amplification Guidelines. Audiology Today. 2004; 10(2): 20-44.

54. *Brink L, Talbott E, **Palmer C**, Burks A. Changes over time in audiometric thresholds in a group of automobile stamping and assembly workers with a hearing conservation program. AIHA J (Fairfax, Va). 2002 Jul-Aug; 63(4):482-7. PubMed PMID: 12486782. DOI: https://doi.org/10.1080/15428110208984737.

55. **Palmer C**. The impact of hearing loss and hearing aid experience on sound quality judgments. Semin Hear. 2001; 22(2): 125-138. DOI: https://doi.org/10.1055/s-2001-14977.

56. *Lindley G, **Palmer C**, Durrant J, Pratt S. Audiologist-versus patient-driven hearing aid fitting protocols. Semin Hear. 2001; 22(2): 139-160. DOI: https://doi.org/10.1055/s-2001-14978.

57. *Ruscetta M, **Palmer C**. The effect of inter-stimulus-interval on subjective categorical loudness judgments. J Am Acad Audiol. 2000 Nov-Dec; 11(10):570-4. PubMed PMID: 11198074.

58. *Lindley G, **Palmer C**. Adaptation to loudness and environmental stimuli in three newly fitted hearing aid users. J Am Acad Audiol. 2000 Jun; 11(6):316-22. PubMed PMID: 10858003.

59. *Taubman L, **Palmer C**, Durrant J, Pratt S. Accuracy of hearing aid use time as reported by experienced hearing aid wearers. Ear Hear. 1999 Aug; 20(4):299-305. PubMed PMID: 10466566. *(Notre: This article was chosen as one of the best Rehabilitation articles in The Hearing Journal Supplement entitled "The Best in Rehabilitative Audiology: Annual Literature Review 2000")*

60. **Palmer C**, Mormer E. Goals and expectations of the hearing aid fitting. Trends Amplif. 1999 Jun; 4(2):61-71. PubMed PMID: 25425889. DOI: https://doi.org/10.1177/108471389900400206.

61. **Palmer C**, *Adams S, Bourgeois M, Durrant J, Rossi M. Reduction in caregiver identified problem behaviors in patients with Alzheimer Disease post hearing aid fitting. J Speech Lang Hear Res. 1999 Apr; 42(2):312-28. PubMed PMID: 10229449. DOI: https://doi.org/10.1044/jslhr.4202.312.

62. **Palmer C**, *Adams S, Durrant J, Bourgeois M, Rossi M. Managing hearing loss in a patient with Alzheimer disease. J Am Acad Audiol. 1998 Aug; 9(4):275-84. PubMed PMID: 9733237. *(Note: This article was chosen as one of the best Rehabilitation articles in The Hearing Journal Supplement entitled "The Best in Rehabilitatitve Audiology: Annual Literature Review 1999")*

63. **Palmer C**. Quantification of the ecobehavioral impact of a soundfield system in elementary classrooms. J Speech Lang Hear Res. 1998 Aug; 41(4):819-33. PubMed PMID: 9712129. DOI: https://doi.org/10.1044/jslhr.4104.819.

64. **Palmer C**, *Lindley G. Reliability of the contour test in a population of adults with hearing loss. J Am Acad Audiol. 1998 Jun; 9(3):209-15. PubMed PMID: 9644618. *(Note: This article was chosen as one of the best Rehabilitation articles in The Hearing Journal Supplement entitled "The Best in Audiology: Annual Literature Review 1999")*

65. **Palmer C**, *Nelson C, *Lindley G. The functionally and physiologically plastic adult auditory system. J Acoust Soc Am. 1998 Apr; 103(4):1705-21. PubMed PMID: 9566316. DOI: https://doi.org/10.1121/1.421050.

66. *Lindley G, **Palmer C**, Goldstein H, Pratt S. Environmental awareness and level-dependent hearing protection devices. Ear Hear. 1997 Feb; 18(1):73-82. PubMed PMID: 9058039.

67. *Lindley G, **Palmer C**. Fitting wide dynamic range compression hearing aids: DSL [i/o], the IHAFF protocol, and FIG6. Am J Audiol. 1997; 6:19-28. DOI: https://doi.org/10.1044/1059-0889.0603.19. *(Note: This article was chosen as one of the best Hearing Aid articles in The Hearing Journal, The Best of '97 on: Hearing Aids, 51(5), 58.)*

68. **Palmer C**. Making extracurricular activities accessible: A communication needs assessment. Educational Audiology Monograph. 1997; 5:7-12.

69. **Palmer C**, Mormer E. A systematic program for hearing aid orientation and adjustment. The Hearing Review, High Performance Hearing Solutions Supplement. 1997; 1:45-52. *(Note: one of the worksheets we developed and printed in this article was described and recommended in the article "Outcome measures: the Truth about your Hearing Aid Fittings" by H.G. Mueller in The Hearing Journal. This article was chosen as one of the best Audiologic Rehabilitation articles in The Hearing Journal, The Best of '97 on: Audiologic Rehabilitation, 51(5), 57.)*

70. **Palmer C**. Hearing and listening in typical classrooms. Language, Speech, and Hearing Services in Schools. 1997; 28:213-218.

71. **Palmer C**. Preserving classroom listening while enhancing the signal from the teacher: evaluation of two methods. J of the American Academy of Rehabilitative Audiol. 1996; 25:49-69. (*Note: This article was chosen as one of the best Rehabilitation articles in The Hearing Journal Supplement entitled "The Best in Audiology: Annual Literature Review 1997")*

72. *Vento B, Durrant J, **Palmer C**, Smith E. Middle ear effects secondary to nastogastric intubation. Am J Otol. 1995 Nov; 16(6):820-2. PubMed PMID: 8572150.

73. **Palmer C**, Killion M, Wilber L, Ballad W. Comparison of two hearing aid receiver-amplifier combinations using sound quality judgments. Ear Hear. 1995 Dec; 16(6):587-98. PubMed PMID: 8747808.

74. *Nelson C, **Palmer C**. Test-retest reliability of the profile of hearing aid performance. J Speech Hear Res. 1994 Oct; 37(5):1211-5. PubMed PMID: 7823563. *(Note: this work was cited in Schiavett, N., Metz, D. (1997). Evaluating Research in Communicative Disorders. Allyn and Bacon: Boston, MA. as providing a concise rationale for the replication of a previous research study.)*

75. **Palmer C**. Variables to consider when interpreting the impact of monaural amplification. J Am Acad Audiol. 1994 Sep; 5(5):286-90. PubMed PMID: 7987017.

76. **Palmer C**. Assistive devices: identification, selection, and evaluation. Topics in Geriatric Rehabilitation. 1993; 9:39-58.

77. **Palmer C**. Assistive devices in the audiology practice. Am J Audiol. 1992 Mar 1; 1(2):37-57. PubMed PMID: 26659634. DOI: https://doi.org/10.1044/1059-0889.0102.37. *(Winner of the Editor's Award, 1993)*

78. **Palmer C**. Computer administration of hearing handicap scales. Am J Audiol. 1992; 1:13-14.

79. **Palmer C**, Garstecki D. A computer spreadsheet for locating assistive devices. Journal of the American Academy of Audiology. 1989; 21:158-175.

*student publication

Reviews, Invited Published Papers, Proceedings of Conference and Symposia, Monographs, Books, and Book Chapters

1. **Palmer C**. Computer applications in audiology. Audiology Today. 1990; 2:25-26.

2. **Palmer C**. Specific areas of computer applications in audiology. Audiology Today. 1990; 2:27.

3. **Palmer C**. Questions to ask before purchasing a computer system for the audiologist. Audiology Today. 1990; 2:27-28.

4. **Palmer C**. Multiple frequency tympanometry. Storz Technigram, Technical Report. 1990.

5. **Palmer C**. Acoustic reflex tests. Storz Technigram, Technical Report. 1990.

6. **Palmer C**. Eustachian tube function. Storz Technigram, Technical Report. 1990.

7. **Palmer C**. Pure tone air conduction audiometry. Storz Technigram, Technical Report. 1990.

8. Garstecki D, **Palmer C.** The penalty for misdialing your telephone. Audiology Today. 1990; 2:19-20.

9. **Palmer C**, Rauterkus M. Software accessibility for audiology practitioners and educators. Computer Users in Speech-Language-Hearing. 1991 Nov; 7:367-369.

10. **Palmer C.** The computer as a new supervision tool. Audiology Today. 1992; 4:32-35.

11. **Palmer C**. Using the HyperCard/HyperTalk programming environment in the clinical and educational audiology setting. Computer Users in Speech-Language-Hearing. 1992 May/Nov; 8:130-136.

12. **Palmer C**, Mormer E. Tracking clinical learning experience. ASHA. 1992 Aug; 34:53-55. *(Note: original forms from this article appear in the text book Beginning Clinician's Documentation Guide for Speech-Language-Pathologists, Aspen Publishers, Inc. Gaithersburg, MD)*

13. **Palmer C**, Rauterkus M. Automation: The possibilities and realities. Proceedings of the ASHA Audiology Superconference, ASHA Reports, Number 21, Rockville, MD. 1992; 70-87.

14. Songer T, LaPorte R, **Palmer C**, Lave L, Talbott E, Gibson J, Austin L. Hearing disorders and commercial motor vehicle drivers. U.S. Department of Transportation, Federal Highway Administration, Publication No. FHWA-MC-93-004. 1993.

15. **Palmer, C**. (1994). Communication needs assessment and hearing assistance technology selection. In Compton, C. & Palmer, C. (ed). Assistive Technology: Too Legit to Quit, Support Syndicate for Audiology: Pittsburgh, PA.

16. **Palmer, C**. (1995). Improvement of Hearing Function. In Huntley, R. & Helfer, K. (eds). Communication in Later Life, Butterworth-Heinemann: Boston, MA., 181-223.

17. **Palmer C**. Deprivation, Acclimatization, Adaptation: What do they mean for your hearing aid fittings? The Hearing Journal. 1995; 47(5):41-45.

18. **Palmer, C**., Lindley, G., Butts, S., & Snyder, S. (1995). "Time Out: I Didn't Hear You!" Support Syndicate for Audiology: Pittsburgh, PA. (https://pitt-my.sharepoint.com/:f:/g/personal/cvp_pitt_edu/EuutEV43881IpxyQvzFNQwABxcHb3mdIw9qvxNNqpzhm8g?e=SfLdtZ). Republished by Audiology On-Line 2006.

19. Talbott, E., Brink, L., Burks, D., **Palmer, C**., Engberg, R., Cioletti, M., Inman, C. (1996). Occupational noise exposure, use of hearing protectors over time and the risk of high blood pressure: the results of a case/control study. Proceedings of the 25th Anniversary Inter-Noise Congress. Institute of Acoustics: United Kingdom (pp. 2131-2136)

20. **Palmer C**. Remediating Hearing Loss in Patients with Alzheimer Disease. PSHA Keystater, Spring. 1997; 5.

21. **Palmer C**. Documenting the impact of assistive listening technology in the classroom. ASHA Special Interest Division 9: Hearing and Hearing Disorders in Childhood Monograph. 1997; 7(2), 9-14.

22. **Palmer C**. Remediating Hearing Loss in Patients with Alzheimer's. Advance. 1997; 7(1):5.

23. Mueller G, **Palmer C**. The Profile of Aided Loudness: A new "PAL" for '98. The Hearing Journal. 1998; 51(1):10-19.

24. **Palmer C**. Curriculum for teaching graduate courses in amplification. Trends Amplif. 1998; 3(1):6-44.

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Feeney, P., **Palmer, C**., Kasewurm, G., Mormer, E., Johnson, C. (2004). "Research for the clinician: from soup to nuts." American Academy of Audiology Pre-Conference, Salt Lake City, UT (April, 2004).

Turner, R., **Palmer, C**., Mueller, G. (2004). Hearing Aid Literature in Review: 2003. Featured Session, American Academy of Audiology, Salt Lake City, UT (April, 2004).

Turner, R., **Palmer, C**., Mueller, G. (2005). Hearing Aid Literature in Review: 2004. Featured Session, American Academy of Audiology, Washington, DC (April, 2005).

Mormer, E., Kasewurm, G., **Palmer, C.** (2006). Reliability of self reported response on the patient expectation worksheet – Part II. American Academy of Audiology, Minneapolis, MN (April, 2006).

Solodar, H., Williams, K., Byrne, D., **Palmer, C**. (2006). Correlation between self-perception and hearing aid outcome. American Academy of Audiology, Minneapolis, MN (April, 2006).

Palmer, C., Bentler, R., Mueller, H.G., Powers, T. (2006). Hearing aids and the perception of annoying and aversive sounds. International Hearing Aid Conference (IHCON), Lake Tahoe, CA. (August, 2006).

Ortmann, A., **Palmer, C.,** Pratt, S. (2006). Role of spectrally asynchronous auditory delays in speech perception for normal-hearing and hearing-impaired listeners. International Hearing Aid Conference (IHCON), Lake Tahoe, CA. (August, 2006).

Ortmann, A., **Palmer, C**., Pratt, S. (2006). The impact of spectrally asynchronous delays on speech perception. American Auditory Society, Scottsdale, AZ (March, 2006).

Turner, R., **Palmer, C**., Mueller, G. (2006). Hearing Aid Literature in Review: 2005. Featured Session, American Academy of Audiology, Minneapolis, MN (April, 2006).

Palmer, C. (2006). Evidence based practice. Managing Adult Hearing Loss: An international conference, Chicago, IL (November, 2006).

Palmer, C. (2007). An Evidence-Based Approach to Applying Hearing Instrument Technology in Pediatrics.. Sound Foundations Through Early Amplification Conference, Chicago, IL (December, 2007).

Turner, R., **Palmer, C.,** Mueller, G. (2007). Hearing Aid Literature in Review: 2006. Featured Session, American Academy of Audiology, Denver, CO (April, 2007).

Palmer, C. (2007). A brief history of hearing aids. Oticon Hearing Aid Update Conference, Queenstown, New Zealand (May, 2008).

Pratt, S., Sabo, D., **Palmer, C.,** Grayhack, J. (2007). Hearing aid signal processing and the impact on novel word repetition abilities in children with hearing loss. 5th Asia Pacific Conference on Speech, Language, and Hearing, Brisbane, Australia (July, 2007).

Ruscetta, M., **Palmer, C**., Durrant, D., Grayhack, J., Ryan, C. (2008). Localization disability and handicap with directional microphones. American Academy of Audiology, Charlotte, North Carolina (April, 2008).

Rousch, J., **Palmer, C**., Sweetow, R., Walden, T., Stach, B., Murnane, O. (2008). The Fourth Year Externship: What's working? What's not? American Academy of Audiology, Charlotte, North Carolina (April, 2008).

Fabry, D., **Palmer, C**., Sweetow, R., Abel, D., VanVliet, D., Whitelaw, G. (2008). My favorite mistakes. American Academy of Audiology, Charlotte, North Carolina (April, 2008).

Yanz, J., **Palmer, C**. (2008). Evidence based hearing aid design. Featured Session, American Academy of Audiology, Charlotte, North Carolina (April, 2008).

Turner, R., **Palmer, C**., Mueller, G. (2008). Hearing Aid Literature in Review: 2007. Featured Session, American Academy of Audiology, Charlotte, North Carolina (April, 2008).

Palmer, C. (2008). Hearing aids in review. Audiology Encore, University of Pittsburgh, Pittsburgh, PA (April, 2008).

Palmer, C. (2008). Evidence based pediatric hearing aid fittings. Congress of Paediatric Audiology, Amsterdam, Holland, (May, 2008).

Palmer, C. (2008). What good is hearing protection if you can't hear? Pittsburgh Association of Occupational Physicians (PAOP), Pittsburgh, PA (November, 2008).

Palmer, C. (2008). The art and science of hearing aid design, development, and application. Starkey Regional Conference, Newport Beach, CA (December, 2008).

Palmer, C., Mormer, E., Windmill, I. (2009). The art and science of teaching practice management – preview of the University of Pittsburgh Teaching Conference, AudiologyOnLine (March, 2009).

Palmer, C., Mormer, E., Ortmann, A. (2009). A primer for the clinician: participating in and consuming research. American Academy of Audiology, Dallas, TX (April, 2009).

Turner, R., **Palmer, C**., Mueller, G. (2009). Hearing Aid Literature in Review: 2008: Super Session. Featured Session, American Academy of Audiology, Dallas, TX (April, 2009).

Fabry, D., **Palmer, C**., Whitelaw, G., Sweetow, R., Gans, R., VanVliet, D. (2009). My Favorite Mistakes: lessons learned from a lifetime of clinical practice. American Academy of Audiology, Dallas, TX (April, 2009).

Palmer, C. (2009). Is it legal/is it ethical – what to know, how to keep up, and what to teach. University of Pittsburgh Teaching Conference, Pittsburgh, PA (June, 2009).

Hecker, E., **Palmer, C**., Pessis, P., Williams, K., Cunningham, D. (2009). What do practitioners with externs and recent graduates knew? University of Pittsburgh Teaching Conference, Pittsburgh, PA (June, 2009).

Palmer, C. (2009). Telehealth, Telemedicine, Telerehab. Jackson Hole Rendevous, Jackson Hole, Wyoming (June, 2009).

Jorgensen, L., **Palmer, C**., Fischer, G. (2009). Evaluation of hearing status at the time of dementia diagnosis. Poster presented at the annual conference of the National Center for Rehabilitative Audiology Research, Portland, OR (October, 2009).

Palmer, C. (2010). Bringing the evidence base to the patient. Seminars in Audition, Toronto, CA (February, 2010).

Fabry, D., **Palmer, C**., Windmill, I., Sweetow, R., Gans, R., Hawkins, D. (2010). My Favorite Mistakes: lessons learned from a lifetime of clinical practice. American Academy of Audiology, San Diego, CA 2010).

Turner, R., **Palmer, C**., Mueller, G. (2010). Hearing Aid Literature in Review: 2009, Featured Session, American Academy of Audiology, San Diego, CA (April, 2010).

Mormer, E., **Palmer, C**., Jorgensen, L., Messick, C. (2010). An evidence-based approach to clinical instruction in Audiology, American Academy of Audiology, San Diego, CA (April, 2010).

Palmer, C., Mueller, H.G. (2011). Hearing Aids in Review: 2010. Student Academy of Audiology, University of Pittsburgh, Pittsburgh, PA (May, 2011).

Ortmann, A., **Palmer, C**., Pratt, S., Durrant, J., Uchanski, R. (2011). Acoustic characteristics and intelligibility of conversational speech. American Academy of Audiology, Chicago, IL. April, 2011. (Recipient of 2016 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.)

Zhang, M., **Palmer, C**., Mueller, H.G. (2012). Gain learning hearing aids: does timing matter? Auditory Society of America Annual Meeting, Scottsdale, AZ (March, 2012). (Recipient of 2016 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.)

Palmer, C., Mueller, H.G., Zhang, M. (2012). Impact of adaptation on a hearing aid gain learning feature. Poster presented at AudiologyNOW, American Academy of Audiology Annual Meeting, Boston, MA (March, 2012).

Mormer, E., **Palmer, C.,** Pratt, S., Yaruss, S., Inman, J. (2012). Test retest reliability on hearing aid disconfirmation measures.. Poster presented at AudiologyNOW, American Academy of Audiology Annual Meeting, Boston, MA (March, 2012).

Palmer, C., Mueller, H.G., Turner, R. (2012). Hearing Aids in Review: 2011. AudiologyNOW, American Academy of Audiology , Boston, MA (April, 2012).

Palmer, C., Mueller, H.G., Turner, R. (2013). Hearing Aids in Review: 2012. AudiologyNOW, American Academy of Audiology, Anaheim, CA (April 2013).

Gordon, D., **Palmer, C**., Valente, M., Hunter, L., Ramachandran, V. (2013). ACAE Panel Presentation on Excellence in Education – Year 2. AudiologyNOW, American Academy of Audiology, Anaheim, CA (April 2013).

Palmer, C., Gaffney, P. (2013). Embracing PSAPS (personal sound amplification products). AudiologyNOW, American Academy of Audiology, Anaheim, CA (April, 2013).

Mormer, E. **Palmer, C.,** Pratt, S., Yaruss, S. Inman, J. (2013). Application of the expectancy-disconfirmation model to predict hearing aid satisfaction. Poster presented at the American Auditory Society annual meeting, Scottsdale, AZ (March, 2013).

Mulla, R., **Palmer, C.** (2013). Relationship between measured and perceived loudness perception. Post presented at AudiologyNOW, American Academy of Audiology Annual Meeting, Anaheim, CA (March 2013).

Ye, Y., **Palmer, C.** (2014). Quantifying the signal to noise ratio needed to produce similar performance for Mandarin Chinese and English Speakers. American Auditory Society (March 2014).

Rauterkus, G., **Palmer,** C., Jorgensen, L. (2014). Comparison of music recordings through an open ear canal and three types of musician earplugs. American Academy of Audiology Annual Meeting, Orlando, FL (March 2014).

Rauterkus, E., **Palmer, C.** (2014). Hearing Aid Effect in 2013. American Academy of Audiology Annual Meeting, Orlando, FL (March 2014).

Zitelli, L., **Palmer, C**., Mormer, E. (2014). Bridging the Audiology Theory to Practice Gap with an Integrative Clinical Skills Lab. American Academy of Audiology Annual Meeting, Orlando, FL (March 2014).

Sukato, D., Fruit, J., **Palmer, C**., Raz, Y., Hirsch, B., McCall, A. (2014). Low frequency hearing preservation and maintenance of audibility after cochlear implantation. Triological Society Meeting, COSM, Las Vegas, Nevada (May, 2014).

Palmer, C., Larsen, S., Weatherbee, H. (2015). Self-perception of hearing ability as a predictor of hearing aid purchase in an ENT practice setting. American Academy of Audiology Annual Meeting, San Antonio, TX (March 2015).

Mulla, R., **Palmer, C**., Taylor, B. (2015). Impact of a Hearing Aid Gain Adaptation Feature on Hearing Aid Success. American Academy of Audiology Annual Meeting, San Antonio, TX (March 2015).

Zitelli, L., **Palmer, C**., Reynolds, B. (2015). Interventional Audiology in an Interdisciplinary Post-trauma clinic. American Academy of Audiology Annual Meeting, San Antonio, TX (March 2015).

Fruit, J., Mulla, R., **Palmer, C**., Dervin, E. (2015). HearCARE: A quality improvement project-outcome data. NCRAR Conference: Hearing Loss as a Public Health Concern, Portland, OR (September, 2015).

Mulla, R., Fruit, J., **Palmer, C**., Dervin, E. (2015). HearCARE: A quality improvement project – implementation of a communication facilitator. NCRAR Conference: Hearing Loss as a Public Concern, Portland, OR (September, 2015).

Palmer, C., Mueller, H.G., Turner, R. (2014). Hearing Aids in Review: 2013. AudiologyNOW, American Academy of Audiology, Orlando, FL (March, 2014).

Palmer, C. (2014). CSI Amplification Disney. AudiologyNOW, American Academy of Audiology, Orlando, FL (March, 2014).

Palmer, C., Mueller, H.G., Turner, R. (2015). Hearing Aids in Review: 2014. AudiologyNOW, American Academy of Audiology, San Antonio, TX (March, 2015).

Grimes, A., **Palmer, C**., Galster, J., McCreery, R. (2015). Implementing the Pediatric Amplification Guidelines. AudiologyNOW, American Academy of Audiology, San Antonio, TX (March, 2015).

Palmer, C. (2015). Matching Technology to Patient Needs. Human Related Intended Use/Patient-related Intended Use (HRIU/PRIU Program). Amsterdam, Netherlands. October, 10, 2015.

Horn, J., Pratt, S., Durrant, J., Torre, P., **Palmer, C**. (2016). 2f2-f1 DPOAE Sources in Contradiction to the Two-Source/Two-Mechanism Model? American Auditory Society Meeting, Scottsdale, AZ (March, 2016). (Recipient of 2016 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.)

Uayporn, P., **Palmer, C**. (2016). Band-Importance Functions of Clear Speech and Conversational Speech. American Auditory Society Meeting, Scottsdale, AZ (March, 2016). (Recipient of 2016 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.)

Mady, L., Sukato, D., Fruit, J., **Palmer, C**., Raz, Y., Hirsch, B., McCall, A. (2016). Does Cochlear Electrode Choice Matter? AAO-HNSF Annual Meeting, San Diego, CA (September 18-21, 2016).

Palmer, C., Mueller, H.G., Turner, R. (2016). Hearing Aids in Review: 2015. AudiologyNOW, American Academy of Audiology, Phoenix, AZ (April, 2016).

Palmer, C., Taylor, B. (2017). PCAST and PSAPs – Navigating new challenges and new opportunities. AudiologyNOW, American Academy of Audiology, Indianapolis, IN (April, 2017).

Palmer, C., Mueller, H.G., Turner, R. (2017). Hearing Aids in Review: 2016. AudiologyNOW, American Academy of Audiology, Indianapolis, IN (April, 2017).

Palmer, C. (2017). OTC: Opportunity or Disaster. Audiology Online (June, 2017).

Palmer, C. (2017). OTC – Just the Facts. Audiology Online (September, 27, 2017). *(won "editor's pick" for AudiologyOnline 2017).*

Toole, K.,Levine, B., Rauterkus, G., **Palmer, C**. (2017). Time Out! I didn't hear you – High School Edition. American Academy of Audiology Annual Meeting, Indianapolis, IN (April 2017).

Rauterkus, G., Toole, K., Levine, B., **Palmer, C**. (2017). Time Out! I didn't hear you – College Edition. American Academy of Audiology Annual Meeting, Indianapolis, IN (April 2017).

Zitelli, L., Ledonne, J., **Palmer, C**. (2017). Handling the hand-off: Transition of Audiologic Care from a Children's Hospital to an Adult Facility. American Academy of Audiology Annual Meeting, Indianapolis, IN (April 2017).

Fryatt, R. Costigan, K., **Palmer, C**. (2017). Audiology services in a free health clinic through the Albert Schweitzer Fellows Program. American Academy of Audiology Annual Meeting, Indianapolis, IN (April 2017).

Zitelli, L., **Palmer, C**. (2017). Recognizing and reacting to risk signs for patient self-harm. National Center for Rehabilitative Auditory Research Meeting (NCRAR), Portland, OR (October 2017).

Fryatt, R., **Palmer, C**. (2017). Affordable Hearing Aid Solutions. 2017 Health Sciences Disparities Poster Presentation, April 3, 2017.

Fryatt, R., **Palmer, C**., Costigan, K.(2017). Humanitarian educational opportunities in an AuD Program through the Albert Schweitzer Fellowship. Coalition for Global Hearing Health Conference, University of Miami, Coral Gables, FL (October 12-14, 2017).

Rinker, A., Pratt, S., **Palmer, C**. (2017). Impact of activity level on hearing aid outcomes. American Academy of Audiology Annual Meeting, Indianapolis, IN (April 2017).

Alkhalil, R., **Palmer, C**., Mulla, R. (2017). Using Unaided Measured UCLs to Predict the Hearing Aid Users' tolerance of sound and duration of use. American Academy of Audiology Annual Meeting, Indianapolis, IN (April 2017).

Wallace, C., **Palmer, C**., Townsend, B., Mormer, E. (2018). Identifying the barriers of hearing protection use in College Marching Band members. American Academy of Audiology Annual Meeting, Nashville, TN (April 2018).

Williams, C., **Palmer, C**., Cipkala-Gaffin, J., Neal, K., Hebb, A. (2018). The effects of educational vignettes on inpatient nurses' awareness of hearing loss. American Academy of Audiology Annual Meeting, Nashville, TN (April 2018).

Palmer, C. (2018). The economic case for auditory rehabilitation (keynote address). Academy of Rehab Audiology, Pittsburgh, PA (September, 2018).

Tucci, D., **Palmer,** C., Mann, E., Denneny, J., Rogin, C. (2018). Panel: Over the counter hearing aids and their impact. American Neurotology Society, Atlanta, GA (September, 2018).

Palmer, C. (2018). Threats and Opportunities to Audiology (keynote address). Ohio Audiology Conference, Cleveland, OH (October, 2018).

Mormer, E., Zitelli, L., **Palmer, C**. (2018). Audiology and SLP Collaboration to Facilitate Inpatient Communication. Annual Conference of the American Speech Language Hearing Association, Boston, MA (November, 2018). *(received Meritorious Poster Award)*

Wallace, C., Mormer, E., **Palmer, C**. (2018). Hearing protection use in college marching band members. Annual Conference of the American Speech Language Hearing Association, Boston, MA (November, 2018).

Palmer, C., Mormer, E., Gennari, A., Cipkala-Gafin, J., Mady, L., Boninger, M., Smith, K. (2018). GATE: Geriatric Testing for Everyone. Celebrating Research on Aging: Building Collaboration for the Future, Aging Institute Conference, Pittsburgh, PA (December 2018).

Palmer, C. (2018). Over-the-counter hearing aids: Repositioning Service Delivery? Mayo Video Conference, Mayo Clinic, Rochester, MN (February 3, 2018).

Palmer, C., Mueller, H.G., Turner, R. (2018). Hearing Aids in Review: 2017. American Academy of Audiology Annual Conference, Nashville, TN (April, 2018).

Palmer, C., Mormer, E. (2018). Sticky Situations, Young Professionals Forum, American Academy of Audiology Annual Conference, Nashville, TN (April, 2018).

Fabry, D., **Palmer, C**., Rauterkus, E., Jorgensen, L., Rostron, S, Sussman, E., Whitelaw, G., Estes, S., Phillips, N., Lichtenhan, J., Chakrabarty, S. (2018). Grand Rounds – Adults, AudiologyX. American Academy of Audiology Annual Conference, Nashville, TN (April, 2018).

Palmer, C., Mueller, H.G., Turner, R. (2019). Hearing Aids in Review: 2018. American Academy of

Audiology Annual Conference, Columbus, OH (March, 2019).

Uayporn, P., **Palmer, C**., Brown, B. (2019). Computational modeling to define speaking styles. American Auditory Society, Scottsdale, AZ (February 2019).

Centola, A., Penaranda, R., **Palmer, C.,** Mormer, E. (2019). Developmental Index of Audition and Listening V2. 18th Annual Early Hearing Detection and Intervention Meeting (EDHI) (March 2019).

Uayporn, P., **Palmer, C**., Brown, B. (2019). Impact of speaking styles on band-importance functions. American Academy of Audiology Annual Meeting, Columbus, OH (March 2019).

Centola, A., Penaranda, R., **Palmer, C**., Mormer, E. (2019). Deve3lopmetnal Index of Audition and Listening V2, American Academy of Audiology Annual Meeting, Columbus, OH (March 2019).

Milne, V., Zitelli, L., **Palmer, C**. (2019). Embedded Audiology Resources (EAR): Improving Accessibility for Geriatric Patients. American Academy of Audiology Annual Meeting, Columbus, OH (March 2019). *(Chosen to compete in the Professional Poster Sessions Competition)*

Shea, R., Zitelli, L., **Palmer, C**. (2019). Accuracy of ECD10 Diagnostic Coding by Audiologists. American Academy of Audiology Annual Meeting, Columbus, OH (March 2019).

Palmer, C., Malhotra, P., Moberly, A. (2019). Collaborative Care: Management of Ear Disorders for Optimal Patient Outcomes. American Academy of Audiology Annual Meeting, Columbus, OH (March 2019).

Kurosu, A., Pratt, S., **Palmer, C.** (2019). Investigation of embodied language processing on command-swallow performance in healthy participants. American Speech-Language-Hearing Association, Orlando, FL (November, 2019).

Palmer, C., Bankaitis Smith, A.U., Borton, B., Pessis, P. (2020). Great Debate: Hearing aids should be a paid benefit for Medicare Beneficiaries. Practice Management Meeting, American Academy of Audiology, Kailua-Kona, Hawaii (January, 2020)

Palmer, C., Rauterkus, E. (2020). Broadening Patient Product Options to Include PSAPs/OTCs/Hearables. Practice Management Meeting, American Academy of Audiology, Kailua-Kona, Hawaii (January, 2020).

Bostain, K., Zitelli, L., **Palmer, C**. (2020). The Impact of Counseling in Tinnitus Retraining Therapy in Adults with Bothersome Tinnitus. American Academy of Audiology Annual Meeting, New Orleans, LA (April 2020). *Meeting cancelled.* Presented as virtual poster.

Muller, A., McNamara, P., Zitelli, L., **Palmer, C**. (2020). The test re-test reliability of tinnitus perception. American Academy of Audiology Annual Meeting, New Orleans, LA (April 2020). *Meeting cancelled.* Presented as virtual poster.

Kegel, C., Zambetti, A., Mormer, E., **Palmer, C.** (2020). The relationship between self-perceived hearing loss and measured hearing loss in older adults in two geriatric health care settings. American Academy of Audiology Annual Meeting, New Orleans, LA (April 2020). *Meeting cancelled.* Presented as virtual poster.

Zambetti, A., Kegel, C., Mormer, E., **Palmer, C**. (2020). Self-Perceived Hearing Loss and Use of Non-custom Amplification During a Health Care Encounter. American Academy of Audiology Annual Meeting, New Orleans, LA (April 2020). *Meeting cancelled.* Presented as virtual poster.

Costigan Coyan, K., **Palmer, C**. (2020). Experienced HA Users' Subjective Outcomes with First Fit v. Verified to Target Fittings. American Academy of Audiology Annual Meeting, New Orleans, LA (April 2020). *Meeting cancelled.* Presented as virtual poster.

Palmer, C., Mueller, H.G., Turner, R. (2020). Hearing Aids in Review: 2019. American Academy of Audiology Annual Conference, New Orleans, LA (April, 2020). *Meeting Cancelled.*

Baxter, J., McCreary, R., **Palmer, C.** (2020). Grand Rounds: Amplification. American Academy of Audiology Annual Conference, New Orleans, LA (April, 2020). *Meeting cancelled.* Presented for e-audiology, American Academy of Audiology.

Messick, C., Mormer, E., **Palmer, C.** (2020). Plenary Session: Unmasking the Power of Integrating Academic and Clinical Education. Council of Academic Programs in Communication Science and Disorders Annual Conference, New Orleans, LA (April, 2020). *Meeting cancelled*

Lacey, C., **Palmer, C**. (2021). Ototoxic Management: Cancer Physician Attitudes, Knowledge, and Current Practice. American Academy of Audiology Annual Conference. Virtual Meeting (April, 2021).

Palmer, C., Mueller, H.G., McCreery, R. (2021). Hearing Aids in Review: 2020. American Academy of Audiology Annual Conference. Virtual Meeting (April, 2021).

Rahill, T., Balogren, Z., Jinhong, L., Ateluison, K., Drrin, L., Zitelli, L., **Palmer, C**., Johnson, J., Nilsen, M. (2021). Head and Neck Cancer Survivorship: Hearing Loss, Tinnitus, and Psychological Distress. AAO-HNS conference (October, 2021).

Cancel, V., Milne, V., McHaney, J., **Palmer, C.,** Parthasarathy, A. (2022). Hearing Difficulties with Normal Audiograms: Insights from the APD Test Battery. Association of Research in Otolaryngology annual meeting, San Jose, CA (February, 2022).

Mormer, E., Keeton, N., **Palmer, C.** (2022). Structuring meaningful stakeholder engagement in research. American Academy of Audiology Annual Conference, St. Louis, MO (April 2022).

Palmer, C. (2022). Amplification Discussion Forum, Moderator, American Academy of Audiology Annual Conference, St. Louis, MO (April 2022).

Palmer, C., Mueller, H.G., McCreery, R. (2022). Hearing Aids in Review: 2021. American Academy of Audiology Annual Conference. St, Louis, MO (April, 2022).

Palmer, C., McCreery, R., Findlen, U., Roman, A. (2022). Audiology's Role in Over-the-Counter Hearing Aids, American Academy of Audiology Annual Conference. St, Louis, MO (April, 2022).

Palmer, C. (2022). Hot Topics, Cold Drinks: Over-the-Counter Hearing Aids. Student Academy of Audiology Program within the American Academy of Audiology Annual Conference. St, Louis, MO (April, 2022).

Cancel, V., Milne, V., McHaney, J., **Palmer, C**., Parthasarathy, A. (2022). Hearing Difficulties with Normal Audiograms: Insights from the APD Test Battery. American Academy of Audiology Annual Conference. St, Louis, MO (April, 2022).

Mulla, R., **Palmer, C.,** Pratt, S., Brown, C., Steinhauer, S. (2022). Loudness perception at and near elevated threshold: Is soft still soft? American Academy of Audiology Annual Conference. St, Louis, MO (April, 2022).

Teaching

Courses Taught

University of Massachusetts, Amherst, MA

Year	Course #	Credit	Level	Course Title	Number of Students
F-1981	--	1	U	Intro Sign Language	8
F-1982	--	2	U	Basic American Sign Language	23

California State University, Los Angeles, CA

Year	Course #	Credit	Level	Course Title	Number of Students
Sum-1987	COMD425	3	U	Auditory Training	49

Governor's State University, Governor's State, IL

Year	Course #	Credit	Level	Course Title	Number of Students
Sum-1988	CDIS420	3	G	Intro to Rehab. Audiology	30
Sum-1989	CDIS420	3	G	Intro to Rehab. Audiology	32

Northern Illinois University, DeKalb, IL

Year	Course #	Credit	Level	Course Title	Number of Students
F-1989	--	3	U	Hrg. Problems and Audio Methods	55
S-1989	--	3	U	Hrg. Problems and Audio Methods	53

University of Pittsburgh, Pittsburgh, PA

Year	Course #	Credit	Level	Course Title	Number of Students
1991-1	COMMCD2043	3	G	Diagnostics I	17
1991-2	COMMCD1025	3	U	Hearing Science	67
1991-2	COMMCD2047	3	G	Hearing Aids	5
1991-2	COMMCD2971	1	G	Research Practicum	1

1991-2	COMMCD2990	3	G	Independent Study	3
1991-3	COMMCD2041	3	G	Aural Rehabilitation	17
1991-3	COMMCD2971	1	G	Research Practicum	1
1992-1	COMMCD2044	3	G	Diagnostics II	4
1992-1	COMMCD2971	1	G	Research Practicum	3
1992-1	COMMCD3902	3	G	Ph.D. Research Practicum	1
1992-2	COMMCD2047	3	G	Hearing Aids	4
1992-2	COMMCD2971	1	G	Research Practicum	4
1992-2	COMMCD3902	3	G	Ph.D. Research Practicum	1
1992-2	COMMCD2970	3	G	Teaching Practicum	1
1992-2	COMMCD1902	3	U	Directed Study	2
1992-3	COMMCD2041	3	G	Aural Rehabilitation	20
1992-3	COMMCD2971	1	G	Research Practicum	2
1993-1	COMMCD2044	3	G	Diagnostics II	5
1993-1	COMMCD2971	1	G	Research Practicum	2
1993-2	COMMCD2047	3	G	Hearing Aids	5
1993-2	COMMCD1025	3	U	Hearing Science	69
1993-2	COMMCD2971	1	G	Research Practicum	2
1993-2	COMMCD2990	3	G	Independent Study	1
1993-3	COMMCD2041	3	G	Aural Rehabilitation	27
1994-1	FS001	1	U	Freshman Seminar	8
1994-1	COMMCD2044	3	G	Diagnostics II	6
1994-1	COMMCD1024	3	U	Anatomy & Phys. of Hearing	72
1994-1	COMMCD1024	0	U	4 Recitation Sections	72
1994-1	COMMCD2971	1	G	Research Practicum	3
1994-2	COMMCD2047	3	G	Hearing Aids	5
1994-2	COMMCD1025	3	U	Hearing Science	71
1994-2	COMMCD1028	0	U	Lab in Hearing Science	25
1994-2	COMMCD1028	0	U	Lab in Hearing Science	25
1994-2	COMMCD1028	0	U	Lab in Hearing Science	21
1994-2	COMMCD2971	1	G	Research Practicum	3
1994-3	COMMCD2041	3	G	Aural Rehabilitation	15
1994-3	COMMCD2971	1	G	Research Practicum	3
1995-1	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1995-2	COMMCD2047	3	G	Hearing Aids	8
1995-2	COMMCD2971	1	G	Research Practicum	3
1995-2	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1995-3	COMMCD2041	3	G	Aural Rehabilitation	30
1995-3	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1996-1	COMMCD2044	3	G	Diagnostics II	8
1996-1	COMMCD2990	3	G	Independent Study (Nursing Student)	1
1996-2	COMMCD1025	3	U	Hearing Science	68
1996-2	COMMCD2047	3	G	Hearing Aids	7
1996-2	COMMCD2454	3	G	Advanced Seminar	8
1996-3	COMMCD2971	1	G	Research Practicum	1
1996-3	COMMCD2041	3	G	Aural Rehabilitation	20
1997-1	COMMCD2044	3	G	Diagnostics II	6

1997-1	COMMCD2902	3	G	Directed Study	1
1997-1	COMMCD2971	2	G	Research Practicum	1
1997-1	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1997-2	COMMCD1025	3	G	Hearing Aids	5
1997-2	COMMCD2971	2	G	Research Practicum	1
1997-2	COMMCD2454	3	G	Advanced Seminar	8
1997-3	COMMCD2041	3	G	Aural Rehabilitation	27
1997-3	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1998-1	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1998-1	COMMCD2902	3	G	Directed Study	1
1998-1	COMMCD2971	3	G	Research Practicum	1
1998-2	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1998-2	COMMCD2902	3	G	Directed Study	1
1998-2	COMMCD2971	3	G	Research Practicum	1
1998-2	COMMCD2971	3	G	Research Practicum	1
1998-2	COMMCD2972	1	G	Examination	1
1998-2	COMMCD2970	3	G	Teaching Practicum	1
1998-2	COMMCD2454	3	G	Advanced Seminar	4
1998-3	COMMCD2041	3	G	Aural Rehabilitation	27
1998-3	COMMCD1025	3	G	Hearing Aids	8
1998-3	COMMCD2000	1	G	Research & Thesis Masters Degree	1
1999-1	COMMCD3048	3	G	Ph.D. Seminar in Audiology	10
1999-1	COMMCD2971	2	G	Research Practicum	1
1999-1	COMMCD3000	6	G	Dissertation	1
1999-2	COMMCD2047	3	G	Amplification I	10
1999-2	COMMCD3000	1	G	Dissertation	1
1999-2	COMMCD2990	1	G	Independent Study	1
1999-2	COMMCD2972	1	G	Examination	1
1999-2	COMMCD2971	4	G	Research Practicum	1
1999-2	COMMCD2970	3	G	Teaching Practicum	1
1999-3	COMMCD2970	3	G	Teaching Practicum	1
1999-3	COMMCD2041	3	G	Management of Hearing Loss	6
1999-3	COMMCD2972	1	G	Examination	2
1999-3	COMMCD2990	2	G	Independent Study	1
1999-3	COMMCD2056	2	G	Clinical Supervision	1
2000-1	COMMCD3000	1	G	Dissertation	1
2000-1	COMMCD2972	1	G	Examination	1
2000-1	COMMCD2454	3	G	Amplification II	5
2000-1	COMMCD2056	2	G	Clinical Supervision	2
2000-2	COMMCD2047	3	G	Amplification I	12
2000-2	COMMCD2056	2	G	Clinical Supervision	1
2000-2	COMMCD2972	2	G	Examination	2
2000-2	COMMCD3000	1	G	Dissertation	1
2000-3	COMMCD2056	2	G	Clinical Superivision	1
2001-1	COMMCD2454	3	G	Amplification II	11
2001-1	COMMCD3000	1	G	Dissertation	1
2001-1	COMMCD2972	1	G	Examination	1

2001-1	COMMCD2056	2	G	Clinical Superivision	1
2001-2	COMMCD2047	3	G	Amplification I	15
2001-2	COMMCD3000	1	G	Dissertation	1
2001-2	COMMCD2056	2	G	Clinical Superivision	1
2002-1	COMMCD2047	3	G	Amplification I	8
2002-1	COMMCD2454	3	G	Amplification II	17
2002-1	COMMCD3000	1	G	Dissertation	1
2002-1	COMMCD2056	2	G	Clinical Superivision	1
2002-2	COMMCD3000	1	G	Dissertation	1
2002-2	COMMCD2056	2	G	Clinical Superivision	1
2002-3	COMMCD3000	1	G	Dissertation	1
2002-3	COMMCD2056	2	G	Clinical Superivision	1
2003-1	COMMCD2047	3	G	Amplification I	8
2003-1	COMMCD3000	1	G	Dissertation	1
2003-1	COMMCD2056	2	G	Clinical Supervision	1
2003-2	COMMCD2454	3	G	Amplification II	15
2003-2	COMMCD3000	1	G	Dissertation	1
2003-2	COMMCD2056	2	G	Clinical Supervision	1
2003-3	COMMCD2056	2	G	Clinical Supervision	1
2003-3	COMMCD2971	1	G	Research Practicum	1
2004-1	COMMCD2047	3	G	Amplification I	7
2004-1	COMMCD2971	3	G	Research Practicum	1
2004-1	COMMCD3000	1	G	Dissertation	1
2004-1	COMMCD2972	1	G	Examination	1
2004-1	COMMCD2056	2	G	Clinical Supervision	1
2004-2	COMMCD2056	2	G	Clinical Supervision	2
2004-2	COMMCD2972	1	G	Examination	1
2004-2	COMMCD2454	3	G	Amplification II	6
2004-2	COMMCD3000	1	G	Dissertation	1
2004-2	COMMCD2970	3	G	Teaching Practicum	1
2004-3	COMMCD2990	3	G	Independent Study	1
2004-3	COMMCD2990	3	G	Independent Study	1
2005-1	COMMCD2047	3	G	Amplification I	7
2005-1	COMMCD2654	3	G	Practice Management	13
2005-1	COMMCD2971	1	G	Research Practicum	1
2005-1	COMMCD2902	3	G	Directed Study	1
2005-1	COMMCD2600	1	G	Medical Rotation	7
2005-1	COMMCD3000	1	G	Dissertation Research	1
2005-1	COMMCD2972	1	G	Examination	1
2005-2	COMMCD3971	3	G	Research Practicum	4
2005-2	COMMCD3902	3	G	Directed Study	1
2005-2	COMMCD3000	1	G	Dissertation Research	2
2005-2	COMMCD2990	1	G	Independent Study	1
2005-2	COMMCD2971	1	G	Research Practicum	1
2005-3	COMMCD3000	1	G	Dissertation Research	1
2006-1	COMMCD2047	3	G	Amplification I	7
2006-1	COMMCD2454	3	G	Amplification II	13

2006-1	COMMCD2971	1	G	Research Practicum	2
2006-1	COMMCD2600	1	G	Medical Rotation	5
2006-1	COMMCD3000	1	G	Dissertation Research	1
2006-2	CMMCD2972	1	G	Examination	1
2006-2	COMMCD2971	1	G	Research Practicum	1
2006-2	COMMCD3000	1	G	Dissertation Research	1
2006-3	COMMCD3000	1	G	Dissertation Research	1
2006-3	COMMCD2971	1	G	Research Practicum	1
2007-1	COMMCD2990	1	G	Independent Study	2
2007-1	COMMCD2047	3	G	Amplification I	7
2007-1	COMMCD2454	3	G	Amplification II	13
2007-1	COMMCD2971	1	G	Research Practicum	2
2007-1	COMMCD2600	1	G	Medical Rotation	5
2007-2	CMMCD2972	1	G	Examination	1
2007-2	COMMCD2971	1	G	Research Practicum	1
2007-3	COMMCD2971	1	G	Research Practicum	1
2007-3	COMMCD2990	1	G	Independent Study	1
2008-1	COMMCD3000	1	G	Dissertation Research	1
2008-1	COMMCD2047	3	G	Amplification I	12
2008-1	COMMCD2454	3	G	Amplification II	11
2008-1	COMMCD2971	1	G	Research Practicum	2
2008-1	COMMCD2600	1	G	Medical Rotation	13
2008-2	COMMCD2902	3	G	Directed Study	1
2008-2	COMMCD2971	1	G	Research Practicum	3
2008-3	COMMCD2971	1	G	Research Practicum	2
2009-1	COMMCD2047	3	G	Amplification I	10
2009-1	COMMCD2654	3	G	Practice Management	15
2009-1	COMMCD2971	1	G	Research Practicum	3
2009-1	COMMCD2902	3	G	Directed Study	1
2009-1	COMMCD2600	1	G	Medical Rotation	4
2009-1	COMMCD3000	1	G	Dissertation Research	1
2009-1	COMMCD2972	1	G	Examination	1
2009-1	COMMCD2990	1	G	Independent Study	1
2009-2	COMMCD2971	1	G	Research Practicum	5
2009-2	COMMCD2990	1	G	Independent Study	1
2009-2	COMMCD3000	1	G	Dissertation Research	1
2009-2	COMMCD2902	3	G	Directed Study	1
2009-3	COMMCD2971	1	G	Research Practicum	3
2010-1	COMMCD3000	1	G	Dissertation Research	1
2010-1	COMMCD2047	3	G	Amplification I	8
2010-1	COMMCD2454	3	G	Amplification II	24
2010-1	COMMCD2971	1	G	Research Practicum	4
2010-1	COMMCD2600	1	G	Medical Rotation	11
2010-2	COMMCD3000	1	G	Dissertation Research	1
2010-2	COMMCD2971	1	G	Research Practicum	2
2010-2	COMMCD2990	1	G	Independent Study	2
2010-2	COMMCD3971	1	G	Research Practicum for PhD Students	4

2010-3	COMMCD3000	1	G	Dissertation Research	2
2011-1	COMMCD2047	3	G	Amplification I	12
2011-1	COMMCD2654	3	G	Practice Management	14
2011-1	COMMCD2971	1	G	Research Practicum	6
2011-1	COMMCD2600	1	G	Medical Rotation	9
2011-1	COMMCD3000	1	G	Dissertation Research	2
2011-1	COMMCD2972	1	G	Examination	1
2011-2	COMMCD2971	1	G	Research Practicum	5
2011-2	COMMCD3000	1	G	Dissertation Research	3
2011-2	COMMCD2972	1	G	Examination	2
2011-3	COMMCD3000	1	G	Dissertation Research	3
2011-3	COMMCD3971	1	G	Research Practicum for PhD Students	2
2012-1	COMMCD2047	3	G	Amplification I	21
2012-1	COMMCD2454	3	G	Amplification 2	16
2012-1	COMMCD2971	1	G	Research Practicum	2
2012-1	COMMCD2600	1	G	Medical Rotation	5
2012-1	COMMCD2970	3	G	Teaching Practicum	1
2012-1	COMMCD3000	1	G	Dissertation Research	3
2012-1	COMMCD2990	1	G	Independent Study	1
2012-1	COMMCD2972	1	G	Examination	1
2012-2	COMMCD2971	1	G	Research Practicum	4
2012-2	COMMCD3000	1	G	Dissertation Research	3
2012-2	COMMCD3000	1	G	Dissertation Research	2
2012-2	COMMCD3971	1	G	Research Practicum for PhD Students	1
2012-2	COMMCD2056	1	G	Audiology Practicum	2
2012-3	COMMCD3000	1	G	Dissertation Research	3
2012-3	COMMCD3971	1	G	Research Practicum for PhD Students	4
2012-3	COMMCD2972	1	G	Examination	1
2013-1	COMMCD2047	3	G	Amplification I	12
2013-1	COMMCD2654	3	G	Practice Management	31
2013-1	COMMCD2971	1	G	Research Practicum	6
2013-1	COMMCD2600	1	G	Medical Rotation	7
2013-1	COMMCD3000	1	G	Dissertation Research	2
2013-1	COMMCD2972	1	G	Examination	1
2013-2	COMMCD2971	1	G	Research Practicum	7
2013-2	COMMCD3000	1	G	Dissertation Research	2
2013-2	COMMCD2972	1	G	Examination	1
2013-3	COMMCD2056	1	G	Audiology Practicum	2
2013-3	COMMCD2971	1	G	Research Practicum	2
2013-3	COMMCD2972	1	G	Examination	1
2013-3	COMMCD2990	3	G	Independent Study	1
2014-1	COMMCD2047	3	G	Amplification 1	13
2014-1	COMMCD2056	1	G	Audiology Practicum	2
2014-1	COMMCD2454	3	G	Amplification 2	32
2014-1	COMMCD2600	1	G	Medical Rotation	19
2014-1	COMMCD2971	1	G	Research Practicum	1
2014-1	COMMCD3901	3	G	Directed Study	1

2014-1	COMMCD3971	1	G	Research Practicum PhD	2
2014-2	COMMCD2056	1	G	Audiology Practicum	2
2014-2	COMMCD2971	1	G	Research Practicum	4
2014-2	COMMCD3971	1	G	Research Practicum PhD	3
2015-2	COMMCD3049	3	G	Evidence-based Practice in Amp	8
2014-2	AUSP8128	3	G	Evidence-based Practice in Amp	10
2014-3	COMMCD2056	1	G	Audiology Practicum	2
2014-3	COMMCD2971	2	G	Research Practicum	1
2014-3	COMMCD3971	3	G	Research Practicum for PhD students	2
2015-1	COMMCD2047	3	G	Amplification 1	14
2015-1	COMMCD2056	1	G	Audiology Practicum	2
2015-1	COMMCD2654	3	G	Practice Management	21
2015-1	COMMCD2600	1	G	Medical Rotation	12
2015-1	COMMCD2971	1	G	Research Practicum	4
2015-1	COMMCD3971	1	G	Research Practicum PhD	3
2015-1	COMMCD2972	1	G	Examination	1
2015-1	COMMCD2970	1	G	Teaching Practicum	1
2015-1	COMMCD2990	1	G	Independent Study	1
2015-2	COMMCD2056	1	G	Audiology Practicum	2
2015-2	COMMCD2971	1	G	Research Practicum	3
2015-2	COMMCD2902	3	G	Directed Study	2
2015-2	COMMCD3971	1	G	Research Practicum PhD	3
2015-2	COMMCD3049	3	G	Evidence-based Practice in Amp	1
2015-2	AUSP8128	3	G	Evidence-based Practice in Amp	12
2015-3	COMMCD2056	1	G	Audiology Practicum	2
2015-3	COMMCD2971	2	G	Research Practicum	1
2015-3	COMMCD3971	3	G	Research Practicum for PhD students	1
2016-1	COMMCD2047	3	G	Amplification 1	18
2016-1	COMMCD2056	1	G	Audiology Practicum	2
2016-1	COMMCD2454	3	G	Amplification 2	23
2016-1	COMMCD2600	1	G	Interprofessional Rotation	10
2016-1	COMMCD2971	1	G	Research Practicum	1
2016-1	COMMCD3971	1	G	Research Practicum PhD	4
2016-2	COMMCD2990	1	G	Independent Study	1
2016-2	COMMCD2056	1	G	Audiology Practicum	2
2016-2	COMMCD2971	1	G	Research Practicum	2
2016-2	COMMCD1902	3	U	Directed Study	1
2016-2	COMMCD3971	1	G	Research Practicum PhD	2
2016-2	COMMCD2990	3	G	Independent Study	1
2016-2	COMMCD3912	1	G	Directed Study	1
2016-2	COMMCD2451	1	G	Masters Comps (2nd year comps)	13
2016-3	COMMCD2056	1	G	Audiology Practicum	2
2016-3	COMMCD2972	1	G	Examination	1
2017-1	COMMCD1099	1	U	Independent Study	1
2017-1	COMMCD2047	3	G	Amplification 1	14
2017-1	COMMCD2056	1	G	Audiology Practicum	2
2017-1	COMMCD2600	1	G	Interprofessional Rotation	13

2017-1	COMMCD2654	3	G	Practice Management	30
2017-1	COMMCD2972	1	G	Examination	1
2017-1	COMMCD3902	1	G	Directed Study	2
2017-1	COMMCD3971	1	G	Research Practicum for PhD	4
2017-2	COMMCD1099	1	U	Independent Study	1
2017-2	COMMCD2056	1	G	Audiology Practicum	2
2017-2	COMMCD2451	1	G	Masters Comps (2nd year comps)	13
2017-2	COMMCD3049	1	G	PhD Seminar (Implementation Science)	7
2017-2	COMMCD3901	1	G	Directed Study	1
2017-2	COMMCD3971	1	G	Research Practicum for PhD	2
2017-3	COMMCD2056	1	G	Audiology Practicum	2
2017-3	COMMCD2972	1	G	Examination	2
2017-3	COMMCD2971	1	G	Research Practicum	1
2017-3	COMMCD3971	1	G	Research Practicum for PhD	1
2018-1	COMMCD2047	3	G	Amplification 1	14
2018-1	COMMCD2056	1	G	Audiology Practicum	2
2018-1	COMMCD2600	1	G	Interprofessional Rotation	14
2018-1	COMMCD2454	3	G	Amplification 2	31
2018-1	COMMCD2972	1	G	Examination	1
2018-1	COMMCD3902	1	G	Directed Study	1
2018-1	COMMCD2971	1	G	Research Practicum	1
2018-1	COMMCD3000	1	G	Dissertation	1
2018-2	COMMCD1099	1	U	Independent Study	1
2018-2	COMMCD2056	1	G	Audiology Practicum	2
2018-2	COMMCD2451	1	G	Masters Comps (2nd year comps)	13
2018-2	COMMCD3901	1	G	Directed Study	1
2018-2	COMMCD3971	1	G	Research Practicum for PhD	2
2018-3	COMMCD2056	1	G	Audiology Practicum	2
2018-3	COMMCD2972	1	G	Examination	2
2018-3	COMMCD2971	1	G	Research Practicum	1
2018-3	COMMCD3971	1	G	Research Practicum for PhD	1
2019-1	COMMCD2047	3	G	Amplification 1	12
2019-1	COMMCD2056	1	G	Audiology Practicum	2
2019-1	COMMCD2600	1	G	Interprofessional Rotation	14
2019-1	COMMCD2654	3	G	Practice Management	27
2019-1	COMMCD2972	1	G	Examination	1
2019-1	COMMCD3902	1	G	Directed Study	1
2019-1	COMMCD2971	1	G	Research Practicum	1
2019-1	COMMCD3000	1	G	Dissertation	1
2019-2	COMMCD1099	1	U	Independent Study	1
2019-2	COMMCD2056	1	G	Audiology Practicum	2
2019-2	COMMCD2451	1	G	Masters Comps (2nd year comps)	13
2019-2	COMMCD3901	1	G	Directed Study	1
2019-2	COMMCD3971	1	G	Research Practicum for PhD	2
2019-3	COMMCD2056	1	G	Audiology Practicum	2
2019-3	COMMCD3971	1	G	Research Practicum for PhD Students	1
2020-1	COMMCD2047	3	G	Amplification 1	11

2020-1	COMMCD2056	1	G	Audiology Practicum	2
2020-1	COMMCD2454	3	G	Amplification 2	26
2020-1	COMMCD2971	1	G	Research Practicum	4
2020-1	COMMCD3971	1	G	Research Practicum for PhD Students	1
2020-2	COMMCD2056	1	G	Audiology Practicum	2
2020-2	COMMCD2971	1	G	Research Practicum	4
2020-2	COMMCD3971	1	G	Research Practicum for PhD Students	1
2020-3	COMMCD2056	1	G	Audiology Practicum	2
2020-3	COMMCD3971	1	G	Research Practicum for PhD Students	2
2021-1	COMMCD2047	3	G	Amplification 1	12
2021-1	COMMCD2056	1	G	Audiology Practicum	2
2021-1	COMMCD2971	1	G	Research Practicum	4
2021-1	COMMCD2060	1	G	Proseminar	33
2021-1	COMMCD3971	1	G	Research Practicum for PhD Students	1
2021-2	COMMCD2056	1	G	Audiology Practicum	2
2021-2	COMMCD2971	1	G	Research Practicum	2
2021-2	COMMCD2060	1	G	Proseminar	33
2021-3	COMMCD2056	1	G	Audiology Practicum	2
2022-1	COMMCD2047	3	G	Amplification 1	24
2022-1	COMMCD2056	1	G	Audiology Practicum	2
2022-1	COMMCD2971	1	G	Research Practicum	2
2022-1	COMMCD2060	1	G	Proseminar	44
2022-1	COMMCD3971	1	G	Research Practicum for PhD Students	1
2022-1	COMMCD2101	3	G	Statistical Methods in Clin. Res. 2*	9
2022-2	COMMCD2056	1	G	Audiology Practicum	2
2022-2	COMMCD2971	1	G	Research Practicum	2
2022-2	COMMCD2060	1	G	Proseminar	44
2022-2	COMMCD3971	1	G	Research Practicum for PhD Students	1

**responsible for ½ semester*

Other Lectures and Seminars Given (invited)

1986-1987 "Aural Rehabilitation Tutorial" Otology Medical Resident's Series, University of California, Irvine, CA (August 1986, 1987).

1988 "Case presentations in Audiologic Assessment" Otolaryngology Grand Rounds, Northwestern University, Chicago, IL (January, 1988).

1988 "Selection and Assessment of Assistive Listening Devices", North Chicago VAMC, North Chicago, IL, (October, 1988).

1988 "Do you hear what I hear? - Music and the Hearing-Impaired Individual," Skokie Library Symposium on Music for the Hearing-Impaired, Skokie, IL (panel and roundtable discussion) (November, 1988).

1989 "Computerized assessment of hearing handicap" Illinois Speech-Language-Hearing Association, Chicago, IL (panel discussion) (February, 1989)

1989 The Building Bridges Project: Innovative Software for Communication Disorders. Session demonstrating the Apple/ASHA grant technology development from the Northwestern site, American Speech-Language-Hearing Association, St. Louis, MO. (November, 1989).

1990 "Technology Update," Illinois Speech-Language-Hearing Association, Chicago, IL. (February,
1990).
1990 Tutorial "Multifrequency Tympanometry," Illinois Speech-Language-Hearing Association, Chicago, IL. (February, 1990).
1990 "Relative value of different real-ear measurements," Real-Ear Measurements and Applications Seminar, Departments of Otolaryngology and The Eye and Ear Center for Audiology, Pittsburgh, PA. (October, 1990).
1990 "Computer enhanced assistive device assessment and selection," Apple Computer, Cupertino, CA. (October, 1990)
1991 "Noise reduction circuitry in hearing aids," Self Help for the Hard of Hearing, Pittsburgh, PA.
(January, 1991).
1991 "Assistive devices: identification, selection, and evaluation." Illinois Speech-Language-Hearing Association, Chicago, IL. (February, 1991).
1991 "Automation" ASHA Superconference, San Diego, CA. (March, 1991).
1991 "Listening in the classroom," Proseminar, University of Pittsburgh, Pittsburgh, PA. (March, 1991).
1991 "Noise reduction circuitry-is it right for you?" Self Help for the Hard of Hearing, Squirrel Hill Branch, Pittsburgh, PA. (May 1991).
1991 "Hearing Workshop", Benedum Geriatric Center, Pittsburgh, PA. (June 1991).
1991 "Recent advances in middle-ear/immittance testing", Otoneurology Update: Objective diagnostic and monitoring methods, University of Pittsburgh School of Medicine, Department of Otolaryngology, Pittsburgh, PA. (June 1991).
1991 "Update-Tympanometry," Eye and Ear Institute, University of Pittsburgh School of Medicine, Pittsburgh, PA. (October, 1991).
1992- Coordinator of weekly Proseminar and Research Round Table meetings,
1993 September 1992 - April 1993.
1992 "Audiology Update - Master's level research projects in progress", Audiology Department, Children's Hospital, Pittsburgh, PA (February, 1992).
1992 "Theory behind amplification and speech perception," Guest lecture for the Department of Instructional Learning, Master's in Deaf Education, University of Pittsburgh, Pittsburgh, PA (March, 1992).
1992 "Computer Applications in the Audiology Clinic and Teaching Environment," Pennsylvania Speech and Hearing Association Conference, Philadelphia, PA (March, 1992).
1992 "The influence of hearing loss, auditory processing problems, and noise in an adult day care population," Pennsylvania Adult Day Care Workers' Association Conference, Pittsburgh, PA (April, 1992).
1992 "A philosophy of hearing aid selection and evaluation," Eye and Ear Institute, Center for Audiology, Pittsburgh, PA (April, 1992).
1992 "The identification, selection, and evaluation of assistive devices," An educational exhibit at the ABC's of the ADA American Speech-Language-Hearing Association Conference, Washington, D.C. (May 1992).
1992 "Assistive Devices, The Audiologist, and the Americans with Disabilities Act," One and one-half
day workshop for Temple University, Philadelphia, PA (September, 1992).
1992 "Professional responsibility and the ADA" Williamsport Office of Vocational Rehabilitation

Conference, Williamsport, PA (October, 1992).

1992 "Hearing through your own two ears" Otolaryngology Grand Rounds, Eye and Ear Institute, University of Pittsburgh Medical School, Pittsburgh, PA (November, 1992).

1992 "Quantifying the impact of noise," Guest lecture for Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (December 1992).

1993 "Managing Employment Issues Under the ADA: Regulations and Practice", American Speech-Language-Hearing Association Teleseminar (January 1993).

1993 "The Dream and the Reality of the Americans with Disabilities Act", American Speech-Language-Hearing Association Workshop, Chicago, IL (February, 1993).

1993 "Meeting the technological demands of the ADA" Workshop for professionals at Albert Einstein Medical Center, New York, NY (February, 1993).

1993 "Facilitating communication for elderly hearing-impaired patients" seminar presented as part of the workshop: Opportunities for Maximizing Function in the Elderly Patient, VAMC Highland Drive, Pittsburgh, PA (June, 1993).

1993 "Recent Advances in Assistive Devices for Cochlear Implant Patients" Otoneurology/ Audiology Update, Eye and Ear Institute, University of Pittsburgh, Pittsburgh, PA

1993 "Hearing Aids for the Physician" Otolaryngology Grand Rounds, Eye and Ear Institute, University of Pittsburgh Medical School, Pittsburgh, PA (October, 1993).

1994 “Asha Revisited” Southwest Pennsylvania Speech Language Hearing Association, Pittsburgh, PA (February 1994)

1994 "Diagnostic Audiology," Guest lecture for Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (March 1994).

1994 "Hearing Aids and Assistive Devices for Deaf Students," Guest lecture for the Department of Instructional Learning, Master's in Deaf Education, University of Pittsburgh, Pittsburgh, PA (March, 1994).

1994 "Social Communication for University Students," Self Help for Hard of Hearing, Pittsburgh Chapter, Pittsburgh, PA (April, 1994).

1994 "Audiological assessment and management of the geriatric patient" Geriatric Education Center presentation, DuBois, PA (June, 1994).

1994 "Assistive devices as part of total hearing health management" LaTrobe University, Melbourne, Australia (July, 1994).

1994 "Distributing Assistive Technology as Part of a National Health Care Plan" Victorian Deaf Society, Hearing Center, Melbourne, Australia (July, 1994).

1995 "Upfront considerations in hearing aid fitting" Otolaryngology Grand Rounds, Eye and Ear Institute, University of Pittsburgh Medical School, Pittsburgh, PA (January, 1995).

1995 "Diagnostic Audiology," Guest lecture for Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (March 1995).

1995 "Using games to create active learning" University of Pittsburgh Teaching Excellence Conference: What Works in University Teaching, Pittsburgh, PA (March, 1995).

1995 "Mock trial re: hearing loss due to occupational exposure" Audiologist participant for Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (April, 1995).

1995 "Applying soundfield amplification" Western Instructional Support Center, Gibsonia, PA (May, 1995).

1996 "Communication strategies and technological solutions: make sure your coaching message is heard the first time" Napa, CA (January, 1996).

1996 "Evaluation, Selection, and Validation of Assistive Listening Devices" Half day workshop at the Illinois Academy of Audiology, Chicago, IL (January, 1996).
1996 "Diagnostic Audiology," Guest lecture for Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (March 1996).
1996 "Rehabilitative Audiology," Guest lecture for Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (March 1996).
1996 "Hearing Aids and Assistive Devices for Deaf Students," Guest lecture for the Department of Instructional Learning, Master's in Deaf Education, University of Pittsburgh, Pittsburgh, PA (March, 1996).
1996 "Programmable, Multimemory Hearing Aids" Pennsylvania Speech-Language-Hearing Association Annual Conference, Pittsburgh, PA (March, 1996).
1996 "What's not so new in hearing aid fittings" Professional Seminar, Department of Communication Science and Disorders, University of Pittsburgh, Pittsburgh, PA (April, 1996).
1996 "Programmable, multimemory, digital hearing aids" The Pennsylvania Academy of Audiology, State College, PA (September, 1996).
1997 "Evaluation, Selection, and Fitting of Hearing Aids: Young and Old" Illinois Speech-Language-Hearing Association Chicago, IL (February, 1997).
1997 "Rehabilitative Audiology," Guest lecture for EOH 2009 Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (March 1997).
1997 "Assistive Listening Devices," Guest lecture for HRS 2707 Analysis of Adaptations for Sensory and Communicative Impairments, University of Pittsburgh, Pittsburgh, PA (March, 1997).
1977 "When teaching, research, and service come together" Third Annual Teaching Excellence Conference: Teaming up for learning, University of Pittsburgh, Pittsburgh, PA (co-presenter, J. Linden) (March, 1997).
1998 "Being an informed consumer: How much do you need to know?" Self Help for Hard of Hearing, Pittsburgh, PA (September, 1998)
1997 "Hearing Aids: the state of the art in assessment and fitting" Otolaryngology Grand Rounds, Eye and Ear Institute, University of Pittsburgh Medical School, Pittsburgh, PA
1998 "Ask the panel of hearing aid dispensers about their technology" Self Help for Hard of Hearing, Pittsburgh, PA (October, 1998)
1998 "Restoring normal loudness: the goal and the reality" Audiology meeting of the University of Pittsburgh, Eye and Ear Institute, and Children's Hospital, Pittsburgh, PA (October, 1998)
1993 Faculty sponsor of Communication Science and Disorder Minority Student
1998 monthly meetings (1993 - 1998)
1999 "Understanding and Using the Articulation Index" Audiology meeting of the University of Pittsburgh, Eye and Ear Institute, and Children's Hospital, Pittsburgh, PA (February, 1999).
1999 "Pediatric Hearing Aid Fitting: The state of the art and science" Second Annual Stick Season Seminar, Montpelier, VT. (March, 1999)
1999 "Hearing Aid Selection, Fitting, and Evaluation" Guest lecture for the Department of Instructional Learning, Master's in Deaf Education, University of Pittsburgh, Pittsburgh, PA (March, 1999).
1998 "Hearing evaluation and treatment" Presented to Partners in Education Consortium, Saturday Health Science Academy (PI: Dr. Loren Roth, Project Director, Dr. Barbara Evans) (February, 1999).

1999 "Understanding assistive listening technology choices" Eye and Ear Institute, Patient Education in Celebration of May is Better Speech and Hearing Month (May 1999).

1999 "Understanding new hearing aid technology?" Self Help for Hard of Hearing, Westmoreland, County, Pennsylvania (June, 1999)

1999 "What is new in hearing aid technology" Pennsylvania Educators of Students Who are Dead and Hard of Hearing Annual Conference, Pittsburgh, PA (June, 1999)

1992- Participant in Topics in Audiology: Brown Bag Breakfast/Lunch. All Audiology Master's present Students meet with Audiology Faculty and Clinic Supervisor and an outside guest on the first Friday of each month (1992-present).

1999 "Hearing Loss and Hearing Aids" Armstrong County Hospital (October, 1999).

1999 "Advances in amplification for pediatric patients" Burlington, VT (October, 1999), 1 day workshop for educators of hearing-impaired children

1999 "New Developments in the Selection, Fitting and Evaluation of Hearing Aids" Des Moines, Iowa (October, 1999), 1 day workshop for Consultants in Audiology, Inc.

1999 "Validating hearing aid fittings: the SHARP protocol" University of Pittsburgh Audiology Seminars, (December, 1999).

2000 "Hearing Aid Terminology and Technology" Western Pennsylvania School for the Deaf Parent-Infant Program (March, 2000).

2000 "Hearing aids and compatibility with other technology and activities." Featured Session at the American Academy of Audiology Annual Convention, Chicago, IL (March, 2000).

2000 "Issues in Pediatric Amplification" University of Arizona, Tucson, AZ (February, 2000). 1/2 day
workshop

2000 "Matching technology to people" When a hearing aid is not enough: Try other hearing assistance technologies. Rehabilitation Engineering Research Center (RERC)/Self Help for Hard of Hearing joint conference, Pittsburgh, PA (April, 2000)

2000 "Matching hearing aid technology to Autoimmune Disease" Invited lecture for Widex, Inc., Prague, Czech Republic.

2000 “Hearing Aid Update”. Community Ear Nose and Throat Specialists Meeting, Eye and Ear Institute, Pittsburgh, PA (October, 2000)

2000 “Advances in Hearing Aid Technology”, Otolaryngology MiniSeminar, Eye and Ear Institute (October, 2000)

2000 “Sign Language in Infants” Unitarian Universalist Mother’s Group, ShadySide, PA (November, 2000)

2001 “Unilateral Hearing Loss” University of Pittsburgh Audiology Seminars, (March, 2001)

2001 "Diagnostic Audiology," Guest lecture for EOH 2009 Occupational and Environmental Safety, Department of Public Health, University of Pittsburgh, Pittsburgh, PA (March 2001).

2001 “Audiology and Hearing Aid Update” Association of Otolaryngology Administrators, Denver, CO (September, 2001).

2002 “Expectations in Hearing Aid Fittings” University of California at San Francisco Biannual continuing education program (October, 2001).

2001 “Update in Hearing Aids” Otology Mini-Seminar, Department of Otolaryngology, University of Pittsburgh (October, 2001)

2002 “Why use games in the classroom” University of Pittsburgh, SHRS series in educational instruction (February, 2002).

2002 “Understanding hearing loss and hearing aids” Hazelwood Comprehensive Health Initiative (HI Hope) (February 1, 2002)

2002 "Implantable Hearing Aids" Meeting of the Self Help for Hard of Hearing Pittsburgh Chapter (March 20, 2002)
2002 "Hearing Aid Technology" UPMC Alive and Well Program (May 1, 2002)
2002 "Using Games in the Classroom" Chemistry Department Education Roundtable (May 13, 2002)
2002 "Hearing Aid Workshop" Western Pennsylvania Educational Audiologists (May 6, 2002)
2002 "Impact of using games in the classroom" University of Pittsburgh Excellence in Education Summer Seminar (May 17, 2002)
2002 "Pediatric Amplification" Kaiser Permanente Continuing Education Program (August, 2002)
2002 "Expectations in the Hearing Aid Fitting" American Academy of Dispensing Audiologists, Palm Springs, CA (October, 2002)
2002 "Preselection measures to guide new technology selection" University of Connecticut (November, 2002)
2003 "A protocol for hearing aid fitting" Temple University (January, 2003)
2003 "Musician's Hearing Protection" Pittsburgh Public Schools, CAPA (November, 2003)
2003 "Pediatric Amplification Guidelines" University of California at San Francisco (October, 2003)
2003 "Methods of Hearing Protection" Mini-Seminar on Noise Induced Hearing Loss, Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, PA (October 2003)
2004 "Protecting your hearing in the city", Sonic Bridge Project, Terminal Building, Pittsburgh, PA (February, 2004)
2004 "The Great Debate: Should students be salaried in their externships" Illinois Academy of Audiology, Chicago, IL (January, 2004)
2004 "Implementing the Pediatric Amplification Guidelines" Illinois Academy of Audiology, Chicago, IL (January, 2004)
2004 "Practical implementation of the Pediatric Amplification Guidelines" Stick Season Conference, Montpelier, VT (March, 2004)
2004 "Understanding the Pediatric Amplification Guidelines" National Association of Future Doctors of Audiology Conference, Salt Lake City, UT (April, 2004)
2004 "Implementing the Pediatric Amplification Guidelines" AAA Encore, Pittsburgh, PA (April, 2004)
2004 "Amplification" 4-week course taught at Sichaun University, West China Hospital, Chengdu, China (May-June, 2004)
2004 "Musician's Hearing", 14th Annual Saxaphone Workshop, California University of Pennsylvania, California, PA (June, 2004)
2004 "Assistive listening Devices for Parents of Deaf Children" DePaul Institute, Pittsburgh, PA (October, 2004)
2004 "Implementing the Pediatric Amplification Guidelines" Academy of Dispensing Audiologists, Tucson, AZ (October, 2004)
2005 "Advanced Amplification" 4-week course taught at Sichaun University, West China Hospital, Chengdu, China (May-June 2005)
2005 "Teaching Assessment" University of Pittsburgh Conference on Teaching in Audiology, Pittsburgh, PA (June 2005)
2005 "Teaching Upfront Decisions" University of Pittsburgh Conference on Teaching in Audiology, Pittsburgh, PA (June 2005)
2005 "Keynote Address" Frontiers in Hearing: Emerging Practice, The Marion Downs Hearing Center at the University of Colorado Hospital, Breckenridge, CO (July 2005)

2005 "Let them be little" Frontiers in Hearing: Emerging Practice, The Marion Downs Hearing Center at the University of Colorado Hospital, Breckenridge, CO (July 2005)
2005 "Pediatric Amplification" Phonak U., Phonak, Inc., Chicago, IL (August 2005)
2005 "Importance of transforming HL to SPL data" Phonak U., Phonak, Inc. Chicago, IL (August 2005)
2005 "Elevator Exercises – when you only have a minute to pitch an idea" Phonak U., Phonak, Inc. Chicago, IL (August 2005)
2005 "Evidence based audiology – how to be a good consumer of research" Phonak U., Phonak, Inc. Chicago, IL (August 2005)
2005 "Psychoacoustics for Clinicians" Phonak U., Phonak, Inc. Chicago, IL (August 2005)
2005 "Hearing Aid Selection, Fitting, and Verification" HEARUSA, Orange County, CA (August 2005)
2005 "Panel Moderator: Employment Conference" Self Help for Hard of Hearing, Pittsburgh, PA (September 2005)
2005 "Advanced Amplification" 2-week course taught at Hong Kong University, Hong Kong, China (October 2005)
2005 "Pediatric Amplification" at Advances in Deafness Management Conference and Workshop, Department of Surgery, University of Hong Kong Medical Centre, Queen Mary Hospital, (October 8, 2005)
2006 "Audiology in China" at the University of Pittsburgh's Friday Forum for Audiologists, University of Pittsburgh (November 3, 2006).
2006 "Psychoacoustics for Clinicians" at Phonak U., Phonak, Inc., Chicago, IL (August 11, 2006)
2006 "Evidence based audiology: How to be a good consumer of research" at Phonak U., Phonak, Inc., Chicago, IL (August 11, 2006)
2007 "Amplification and Ototoxic Hearing Loss" at Kaiser Health System, San Francisco, CA (January 25, 2007)
2007 "Evidence based practice in hearing aids" at Kaiser Health System, San Francisco, CA (January 26, 2007)
2007 "Protecting the hearing of instrumental students" Yough Area District Schools, PA (February 9, 2007)
2007 "Protecting the hearing of instrumental students" Upper St. Claire School District, PA (February 21, 2007)
2007 "Update in Aural Rehabilitation" at the Alumni Day/Update in Otology meeting, University of Pittsburgh, Pittsburgh, PA (March 16, 2007)
2007 "Amplification and Ototoxic Hearing Loss" at Otology Grand Rounds, Pittsburgh, PA (April 4, 2007)
2007 "Amplification for the geriatric patient" at the Benedum Geriatric Center, University of Pittsburgh Medical Center, Pittsburgh, PA (July, 2007).
2007 "Psychoacoustics for Clinicians" at Phonak U., Phonak, Inc., Chicago, IL (August, 2007)
2007 "Evidence based audiology: How to be a good consumer of research" at Phonak U., Phonak, Inc., Chicago, IL (August, 2007)
2007 "Speech Acoustics and Hearing Aid Signal Processing" at Phonak U. Phonak, Inc., Chicago, IL (August, 2007)
2007 "Creating a musician hearing center" at Phonak U., Phonak, Inc., Chicago, IL (August 2007)
2008 "Hearing protection and music educators" Carnegie Mellon University Music Program monthly Convocation, Pittsburgh, PA (January 31, 2008).

2008 "Protecting the hearing of instrumental students" Peter's Township K-12 School District, Peterstownship, PA (February 15, 2008).
2008 "Hearing aid evaluation, selection, fitting update" at Otology Grand Rounds, Pittsburgh, PA (March 5, 2008)
2008 "Sound practices in sound" Pennsylvania Music Educators, Upper St. Clair, PA (April, 2008).
2008 "Hearing Aid Technology Update" Association of University People, Chatham Village, PA (June, 2008)
2008 "Understanding hearing loss and hearing aids" Benedum Geriatric Center, University of Pittsburgh Medical Center, Pittsburgh, PA (September, 2008).
2008 "Hearing Protection for Music Instructors and Their Students" Armstrong County Music Educators, Ford City, PA (October, 2008).
2008 "Understanding Hearing Loss and Hearing Aids" OASIS Group, Pittsburgh, PA (October, 2008).
2008 "Hearing protection for instrumental students" Mellon Middle School, Mt. Lebanon, PA (December, 2008).
2009 "Hearing services at UPMC" Disabilities Resource Center UPMC and Hospital Champions (January, 2009).
2009 "Hearing protection for instrumental students" Mt. Lebanon School District Music Department, Mt. Lebanon, PA (February, 2009).
2009 "Hearing protection and music educators" Carnegie Mellon University Music Program monthly Convocation, Pittsburgh, PA (February, 2009).
2009 "Understanding Hearing Loss" Overlook Green Assisted Living, Whitehall, PA (April, 2009)
2009 "Understanding Hearing Aids" Overlook Green Assisted Living, Whitehall, PA (April, 2009)
2009 "Understanding Hearing Loss and Hearing Aids" Lighthouse Retirement Facilities (June, 2009)
2009 "What is an Audiologist?" Pittsburgh Public Schools Career Day, Phillips Elementary School, Pittsburgh, PA (May 2009)
2009 "Hearing protection and noise" Hearing for Children 101, Children's Hospital, Pittsburgh, PA (October 2009)
2009 "Is it legal/Is it ethical: What to know, how to keep up, what to teach", University of Pittsburgh Teaching Conference, Pittsburgh, PA (June, 2009)
2009 "Update on Auditory Training", Independent Hearing Aid Fitting Forum, Nags Head, NC (September, 2009)
2009 "Interprofessional Forum: Educating health care teams of the future", University of Pittsburgh Medical School, Pittsburgh, PA (October, 2009)
2009 "A systematic review of the evidence base for auditory training" UCL Ear Institute, London, England (November, 2009).
2009 "What we can learn from a systematic review of the evidence base for auditory training" Cambridge University, Cambridge, England (November, 2009).
2009 "Bringing the evidence base to the patient: the clinician as a bridge" British Academy of Audiology Annual Meeting, Liverpool, England (November, 2009).
2010 "Beethoven's Hearing" Panel at the Pittsburgh Symphony, Pittsburgh, PA (January, 2010)
2010 "Hearing Protection for Band Students" Junior High School Regional Band Directors Conference, Washington, PA (March 5, 2010)
2010 "Hearing and Young Musicians" High School Regional Band Directors Conference, Valley High School, New Kensington, PA (January 2010)

2010 "What musicians need to know about hearing" Carnegie Mellon University, School of Music (February 2010)
2010 "What does an audiologist do?" Take your child to work day, UPMC, 6 groups of 25 students visited the audiology department. (April 2010)
2010 "Evidence base in supervision" Audiology OnLine Presentation (May 5, 2010).
2010 "Comparing and Contrasting Pediatric Amplification Protocols/Guidelines Across the World" International Paediatric Conference, Dubai, United Arab Emirates, (May 15, 2010).
2010 "Research symposium: hearing aid research and development: what it means for the consumer" Hearing Loss Association of America National Conference, Milwaukee, WI (June 18, 2010).
2010 "Speech Acoustics and Amplification" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010)
2010 "Lessons learned from a lifetime of clinical practice" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Best practice: It's a matter of ethics" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Issues in Pediatric Amplification" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Protecting the hearing of instrumental students and teachers" PMEA District Conference, Carnegie Mellon University, Pittsburgh, PA (November 23, 2010).
2010 "An international look at pediatric amplification protocols" University of Pittsburgh Friday Morning Audiology Conference, Pittsburgh, PA (December 10, 2010).
2011 "Hearing conservation for the musician", Seton Hill University School of Music, Greensburg, PA, January 26, 2011.
2011 "What we can learn from Beethoven", Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February 10, 2011).
2011 Issues in Pediatric Amplification: Signal Processing and Feature Selection, Audiology OnLine Presentation (April 12, 2011).
2011 "The Art and Science of Teaching Challenging Topics in Pediatric and Educational Audiology – A preview of the University of Pittsburgh's Teaching Conference, Audiology OnLine Presentation (April 20, 2011).
2011 "Pittsburgh Phillips Elementary Career Day" Pittsburgh, PA (May 4, 2011).
2011 "What you need to know about your hearing" Lunch and Learn at Columbia Gas, Pittsburgh, PA (May, 26, 2011).
2011 "Efficacy of Auditory Training- A systematic review" Audiology OnLine Presentation (June 2, 2011).
2011 "Helpful Tools for Teaching Topics in Pediatric Audiology" University of Pittsburgh Teaching Conference, Pittsburgh, PA (June 9-11, 2011).
2011 "Hearing Protection for Student Musicians" Video teleconference for Mercer County High School Band Directors (7/12/11)
2011 "Hearing Aids in Review – 2010" Audiology Online (July, 2011)
2011 "Hearing Health" The LIFE Successful Aging Workshop, UPMC (July 21, 2011)
2011 "Evidence base in signal processing for pediatric patients", Audiology OnLine Presentation (7/29/11)
2011 Interprofessional Forum: Educating Health Care Teams of the Future, University of Pittsburgh Schools of the Health Sciences, University of Pittsburgh, Pittsburgh, PA (9/16/11)

2011 "Best practices/guidelines in pediatric amplification with a review of the evidence base for current signal processing, University of California- San Francisco Medical Center, Audiology Conference, San Francisco, CA (October 21, 2011)
2012 "Evidence base in signal processing – pediatrics and adults. Audiology Seminar Series, University of Pittsburgh (2/3/12)
2012 "Hearing Health" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February 9, 2012)
2012 "Hearing Screening Protocol for University Students" University of Pittsburgh Student Health, University of Pittsburgh (2/29/12)
2012 "The Innovations of Mead Killion – Assigning Value" Audiology OnLine Presentation (4/25/12)
2012 "Wireless technology beyond hearing aids" Widex International Pediatric Congress, Lake Como, Italy (June 4, 2012)
2012 "Hearing Protection for Band Students" Band Camp Sharpseville High School, Sharpsville, PA (August 14, 2012).
2012 "Protecting your hearing" University of Pittsburgh Band, Cost Indoor Practice Arena, University of Pittsburgh, Pittsburgh, PA (9/4/12)
2012 "What SLPs and Audiologists need to know about hearing protection" Thiel College, Greenville, PA (11/13/12).
2012 Interprofessional Forum: Educating Health Care Teams of the Future, University of Pittsburgh Schools of the Health Sciences, University of Pittsburgh, Pittsburgh, PA (9/28/12)
2012 "Ask the Experts" Department of Otolaryngology Development Program, Duquesne Club, Pittsburgh, PA (9/24/12).
2012 "Cochlear Implants" Deaf Awareness Day at CCAC-North Campus, Pittsburgh, PA (9/26/12)
2012 "The meaning of the White Coat to entering AuD students" Department of Communication Science and Disorders, School of Health and Rehabilitation, University of Pittsburgh Audiology White Coat Ceremony, Pittsburgh, PA (October 6, 2012)
2013 Interprofessional Forum: Educating Health Care Teams of the Future, University of Pittsburgh Schools of the Health Sciences, University of Pittsburgh, Pittsburgh, PA (10/10/13)
2013 "The meaning of the White Coat to entering AuD students" Department of Communication Science and Disorders, School of Health and Rehabilitation, University of Pittsburgh Audiology White Coat Ceremony, Pittsburgh, PA (September 21, 2013)
2013 "The Science Behind Musician Earplugs" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February 21, 2013)
2013 "Understanding Hearing Loss and Hearing Aids" talk presented at each of 7 UPMC Independent/Assisted Living Facilities in Southwestern PA (January – December, 2013)
2013 "Audiology Unplugged" American Academy of Audiology Annual Meeting, Anaheim, CA (April 6, 2013).
2013 "Meet the Audiologist" Student Academy of Audiology Annual Meeting, Anaheim, CA (April, 5, 2013).
2013 "Personal Sound Amplifying Products in the Audiology Practice (PSAPs)". Guest lecture for the Amplification course at Northwestern University (June 4, 2013).
2013 "Preventing Noise Induced Hearing Loss" University of Pittsburgh Band (July 26, 2013).
2013 "Hearing and Young Musicians" Butler Band Presentation, Butler, PA (August 5, 2013).
2013 "Where do PSAPs fit into the Audiology Practice?" University of Pittsburgh Friday morning seminar series (November, 2013)

2013 "Issues in Clinical Education: A preview of the University of Pittsburgh Teaching Conference" Audiology OnLine (April 10, 2013)
2014 "Achieving Fidelity with Musician Earplugs" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February 13, 2014)
2014 "Research and outreach programs in Audiology focused on prevention" UPMC Winter Retreat, Naples, FL (February 2014).
2014 "Interventional Audiology" Eye and Ear Foundation Luncheon, Naples, FL (February 2014)
2014 "Hearing Challenges Relevant to Physical Therapists" Vestibular Rehabilitation: An Advanced Couse and Update, Pittsburgh, PA (May 2014).
2014 "Matching technology to individual patients using the evidence base" Siemens University, Siemens, Inc., Piscataway, NJ (July 25, 2014)
2014 "Hearing health for teen instrumentalists and teachers" West Allegheny School District, West Allegheny, PA (August, 2014).
2014 "What you need to know about communication and hearing aids" Benedum Geriatric Center, UPMC, Pittsburgh, PA (September, 2014).
2014 "Hearing and Balance" Osteopathic Family Medicine Residency, Shadyside Hospital, UPMC (September 10, 2014).
2014 "The meaning of the White Coat to entering AuD students" Department of Communication Science and Disorders, School of Health and Rehabilitation, University of Pittsburgh Audiology White Coat Ceremony, Pittsburgh, PA (September, 2014)
2014 "Faculty Team Care Planning" 2014 Inter professional Forum, University of Pittsburgh Schools of the Health Sciences, Pittsburgh, PA (October, 2014).
2014 "Hearing Safety for Instrumentalists" Westminster College, New Wilmington, PA (November, 2014).
2015 "What is your hearing health IQ?" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2015).
2015 "Keeping our patients in the Loop" University of Pittsburgh Student Academy of Audiology, Pittsburgh, PA (April, 2015).
2015 "Hearing Challenges Relevant to Physical Therapists" University of Pittsburgh Advanced Vestibular Course (May, 2015).
2015 "Mail order and PSAPS vs. Audiologist Best Practices" Northwestern University Amplification Course (May, 2015).
2015 "Purpose" Graduation Address for UT Dallas Callier Center, AuD graduates (June, 2015).
2015 "Faculty Team Care Planning" 2015 Inter professional Forum, University of Pittsburgh Schools of the Health Sciences, Pittsburgh, PA (September, 2015).
2015 "Hearing protection for school age musicians" Beaver Area Middle and High School, Beaver, PA (September, 2015).
2015 "The meaning of the White Coat to entering AuD students" Department of Communication Science and Disorders, School of Health and Rehabilitation, University of Pittsburgh Audiology White Coat Ceremony, Pittsburgh, PA (September, 2015)
2015 "DePaul School for Hearing and Speech" presentation to the UPMC Disabilities Resource Center (December, 2015).
2016 "Hearing Health for Musicians?" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2016).
2016 "Hearing Health and Dentists" University of Pittsburgh Dental School, Pittsburgh, PA (March 14, 2016).

2016 "Hearing protection for musicians" Association of Concert Bands Annual Convention, Pittsburgh, PA (March 30, 2016).
2016 "Hearing Challenges Relevant to Physical Therapists" University of Pittsburgh Advanced Vestibular Course (May, 2016).
2016 "Cheers for Ears", Norwin High School, North Huntingdon, PA (May 2, 2016).
2016 "Cheers for Ears", Baldwin Whitehall School District, Baldwin, PA (May 19, 2016).
2016 "Update on Hearing Aids" PA Academy of Otolaryngology (June 17-18, 2016).
2016 "Thinking out of the booth" HLAA Convention 2016 and Congress of the IFHOH (June 23-25, 2016).
2016 "Interventional Audiology" University of South Dakota, Vermillion, SD (June 16, 2016).
2016 "Inpatient hearing services" Department of Otolaryngology Orientation for new residents and fellows, Pittsburgh, PA (July 5, 2016).
2016 "Bringing hearing services to the people who need them, thinking out of the booth" Aging Institute Board Meeting, University of Pittsburgh, Pittsburgh, PA (July 18, 2016).
2016 "Applying evidence based practice to your hearing aid fittings" Sivantos Student University, Piscataway, NJ (July 21, 2016)
2016 "The Family Journey: children with complex needs including autism combined with hearing loss" Early Intervention Great Start Conference, PATTAN, State College, PA (August 10, 2016)
2016 "Unilateral Hearing Loss" UPMC Children's Hospital ENT Lunch and Learn, Pittsburgh, PA (August 26, 2016).
2016 "The meaning of the White Coat to entering AuD students" Department of Communication Science and Disorders, School of Health and Rehabilitation, University of Pittsburgh Audiology White Coat Ceremony, Pittsburgh, PA (October, 2016)
2016 "Being an educated consumer of hearing health care" Oakmont/Longwood Senior Living, Verona, PA (November 8,2016).
2017 "250 Million later: the real impact of one of the governments most impactful programs" Keynote Address, Joint Defense Veterans Affairs Annual Conference, Anaheim, CA (February 6, 2017).
2017 "SMART Goals for Students" Joint Defense Veterans Affairs Annual Conference, Anaheim, CA (February 6, 2017).
2017 "Taking care of your hearing" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2017).
2017 "Hearing Health and Dentists" University of Pittsburgh Dental School, Pittsburgh, PA (March, 2017).
2017 "Differentiating audiology services from devices" Community ENT quarterly meeting, Pittsburgh, PA (March 13, 2017).
2017 "Transitioning to state sponsored amplification systems to self-pay, what a young adult needs to know" Western PA School for the Deaf, Pittsburgh, PA (March 27, 2017).
2017 "Hearing Challenges Relevant to Physical Therapists" University of Pittsburgh Advanced Vestibular Course (May, 2017).
2017 "Using evidence based practice to create a new future for Audiology" California Academy of Audiology, Sacramento, CA (September 7-9, 2017).
2017 "What the geriatrician needs to know about hearing", Department of Geriatrics, University of Pittsburgh, Pittsburgh, PA (12/15/2017)
2017 "Hearing, Cognition, and Health Outcomes" Webinar, Department of Otolaryngology, University of Pittsburgh, Pittsburgh, PA (12/20/2017)

2018 "Unrecognized and untreated hearing loss- Quantifying the impact on Health Outcomes" , SHRS Doctoral Seminar, University of Pittsburgh, (February, 2018).
2018 "Taking care of your hearing" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2018).
2018 "Hearing Health and Dentists" University of Pittsburgh Dental School, Pittsburgh, PA (March, 2018).
2018 "Untreated hearing loss and functional assessment" Internal Medicine Resident/Fellow Lecture, University of Pittsburgh, Pittsburgh, PA (4/23/2018).
2018 "Hearing Challenges Relevant to Physical Therapists" University of Pittsburgh Advanced Vestibular Course (May, 2018).
2018 "Hearing for Healthy Aging" Presentation to the Eye and Ear Foundation Board, Pittsburgh, PA (June, 2018).
2018 "The aging voice and hearing" OSHER CMU Series, Pittsburgh, PA (June, 2018).
2018 "Pathways to Hearing Health Care" Signia Student University, Piscataway, New Jersey (July, 2018).
2018 "Audiology in inpatient settings at UPMC" Resident and Fellow Orientation, Pittsburgh, PA (July 2018).
2018 "Seamless transitions from pediatric to adult hearing health care" Audiology Online (July 2018).
2018 "The meaning of the White Coat to entering AuD students" Department of Communication Science and Disorders, School of Health and Rehabilitation, University of Pittsburgh Audiology White Coat Ceremony, Pittsburgh, PA (September, 2018)
2018 "State of the Academy" Ohio Audiology Conference, Cleveland, OH (October, 2018).
2019 "Vestibular teaching conference preview" Audiology OnLine (February, 2019).
2019 "Sporting in Silence: Enhancing Communication for Athletes with Hearing Loss" Association for Research in Otolaryngology annual conference, Baltimore, MD (February, 2019).
2019 "Taking care of your hearing" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2019).
2019 "The aging voice and hearing" OSHER CMU Series, Pittsburgh, PA (February, 2019).
2019 "Hearing Health and Dentists" University of Pittsburgh Dental School, Pittsburgh, PA (March, 2019).
2019 "Hearing Challenges Relevant to Physical Therapists" University of Pittsburgh Advanced Vestibular Course (May, 2019).
2019 "The aging voice and hearing" OSHER CMU Series, Pittsburgh, PA (June, 2019).
2019 "Responsibility and Opportunity" University of South Dakota White Coat Ceremony, video presentation, Vermillion, SD (September, 2019).
2019 "The profession of Audiology – where are we and where are we going?" Massachusetts Eye and Ear Institute, Audiology Division, virtual presentation, Boston, MA (September, 2019).
2019 "State of the Academy" Louisiana Academy of Audiology, New Orleans, LA (September, 2019).
2019 "Hot Issues in Audiology" Florida State University distance course in Practice Management, presented virtually (October, 2019).
2019 "State of the Academy" Texas Academy of Audiology, Dallas, TX (October, 2019).
2019 "Audiology Update" Community ENT Network, Pittsburgh, PA (October, 2019).
2019 "What we want you to know about audiology" UPMC Children's Hospital ENT Resident Program, Pittsburgh, PA (November, 2019).

2019 "The future of Audiology" Mapping Audiology's Future in Ohio, The Ohio Academy of Audiology, Dublin, OH (November, 2019).
2019 "Hearing related services at UPMC" Deaf and Hard of Hearing Task Force, Pittsburgh, PA (December, 2019).
2020 "Great Debate – Resolved: Hearing Aids should be a paid benefit for Medicare Beneficiaries" American Academy of Audiology Practice Management 2020 Conference (January, 2020).
2020 "Broadening patient product options to include PSAPs/OTCs/Hearables" American Academy of Audiology Practice Management 2020 Conference (January, 2020).
2020 "Professionalism – Panel" University of Pittsburgh AuD Program, Pittsburgh, PA (January, 2020).
2020 "Stethoscopes for ER physicians" ACEP Now, Dr. David Baehrens (an EMT, First Responder and Emergency Room Physician monthly publication) (January, 2020).
2020 "Student Grand Rounds" JDVAC, Chicago, IL (February, 2020).
2020 "Taking care of your hearing" Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2020).
2020 "Hearing Health and Dentists" University of Pittsburgh Dental School, Pittsburgh, PA (March, 2020).
2020 "Untreated hearing loss and geriatric health" UPMC Shady Side Hospital Geriatric Resident Program, Pittsburgh, PA (March, 2020).
2020 "Hearing loss and health aging" University of Pittsburgh Medical Student and Residents in Geriatrics (March, 2020).
2020 "Tinnitus Research and Clinical Program" Eye and Ear Foundation Webinar (April, 2020).
2020 "Congratulations to SAA graduates around the country" Student Academy of Audiology virtual celebration (May, 2020).
2020 "Telepractice...Ready or Not" e-audiology webinar (May, 2020).
2020 "Untreated hearing loss, social participation, and health outcomes" Eye and Ear Foundation Webinar, Pittsburgh, PA (May, 2020).
2020 "Hearing Challenges Relevant to Physical Therapists" University of Pittsburgh Advanced Vestibular Course, webinar (May, 2020).
2020 "Update on Hearing Aids" Annual Scientific Meeting, Pennsylvania Academy of Otolaryngology (June, 2020).
2020 "The state of AAA and the profession" Student Academy of Audiology, virtual meeting (July, 2020).
2020 "Future of the Audiology Profession" Northern Ohio Audiology Consortium (NOAC) (July, 2020).
2020 "Audiology at UPMC Children's Hospital" presentation to the State Advisory Committee for Deaf and Hard of Hearing Children, ERCHL (July, 2020).
2020 "ACAE Site Visitor Standards Training" American Academy of Audiology virtual meeting (August, 2020).
2020 "State of Audiology" Missouri Academy of Audiology Virtual State Conference (September, 2020).
2020 "Exploring novel pathways to provide care to people in need: HEAR UP" Eye and Ear Foundation Webinar, Pittsburgh, PA (November, 2020).
2020 "UPMC Tele-Audiology" University of Pittsburgh Proseminar, Pittsburgh, PA (November, 2020).
2020 "Pediatric Audiology – a case based presentation" Department of Otolaryngology, Pediatric Otolaryngology Residents/Fellows, Pittsburgh, PA (December, 2020).

2020 “Challenges and Opportunities in Audiology” AT Still University, virtual conference (December, 2020).
2021 “Taking care of your hearing” Carnegie Mellon University School of Music Convocation, Pittsburgh, PA (February, 2021).
2021 “OTC Hearing Aids: What does the pediatric audiologist need to know” Nothing Mild about Mild Hearing Loss, Children’s Hospital of Philadelphia Pediatric Audiology Conference, Philadelphia, PA (March, 2021).
2021 “Hearing Health and Dentists” University of Pittsburgh Dental School, Pittsburgh, PA (March, 2021).
2021 “Interventional Audiology”, Community Life Health Care Program (CLIFE). (March, 2021).
2021 “Underserved populations in audiology,” ENT Magazine (March, 2021).
2021 “Hearing Challenges Relevant to Physical Therapists” University of Pittsburgh Advanced Vestibular Course (May, 2021).
2021 “Age Related Hearing Loss” Eye and Ear Foundation Series, University of Pittsburgh (March, 2021).
2021 “Free Apps for measuring sound level to keep you and your family safe.” Hear’s the Scoop, Newsletter for the Friends of the Hearing Center, UPMC Children’s Hospital of Pittsburgh (May, 2021).
2021 “Research Roundtable for the Eye and Ear Foundation Board” Eye and Ear Foundation, University of Pittsburgh (May 25, 2021).
2021 “Making sure you are part of the patient’s hearing help journey” Audiology Online (June 9, 2021).
2021 “The Fall and Rise of Mrs. Smith” SHRS Undergraduate Panel (September 15, 2021).
2021 “HLAA Hospital Safety Panel” Hearing Loss Association of America (October 11, 2021).
2021 “Interprofessional Forum 2021” Moderator, University of Pittsburgh Schools of the Health Sciences (October, 22, 2021).
2021 “Regulation of Over-the-Counter Hearing Aids (Part 1): Overview” E-audiology American Academy of Audiology (November 10, 2021).
2021 “Regulation of Over-the-Counter Hearing Aids (Part 2): Academy Response” E-audiology American Academy of Audiology (December 8, 2021).
2021 “Interventional Audiology at UPMC” presentation given to the Boothless Audiometry Networking Group (BANG), Defense Health Agency, VA/DoD (December 15, 2021).
2022 “Hearing and Vestibular Disorders”, University of Pittsburgh Advanced Vestibular Certification Course (January, 2022).
2022 “Pediatric Audiology – assistive devices and non-traditional hearing and communication solutions” Department of Otolaryngology, Pediatric Otolaryngology Residents/Fellows, Pittsburgh, PA (February, 2022).
2022 “Hearing Aids – Everything you need to know” Eye and Ear Foundation Webinar, University of Pittsburgh (February, 2022).
2022 “Hearing Health and Dentists” University of Pittsburgh Dental School, Pittsburgh, PA (March, 2022).
2022 “OTC HAs and the Pediatric Audiologist” Nationwide Children’s Hospital, Columbus, Ohio (4/8/2022).
2022 Understanding the new FDA OTC HA proposed rules and an update on Medicare HA coverage in the budget reconciliation process. Community ENT meeting, Department of Otolaryngology, University of Pittsburgh (May, 2022).

2022 “Hearing Challenges Relevant to Physical Therapists” University of Pittsburgh Advanced Vestibular Course (May, 20, 2022).
2022 “The Relationship Between Hearing Loss and Fall Risk” Audiology Online (6/22/2022)
2022 “Hearing and Vestibular Disorders”, University of Pittsburgh Advanced Vestibular Certification Course (August,13, 2022).

Research Projects and Theses

Nehilla, D. "A comparison of two measures of speech intelligibility: the Speech Intelligibility Rating (SIR) test and the Adaptive Speech in Noise (ASIN) test" (M.A. research project, 1991).

Hettich, R. "Increased acoustic admittance as a function of probe frequency" (M.A. research project, 1992, resulted in national presentation).

Lickey, S. "Test-retest reliability in determining the resonant frequency of the middle ear with multifrequency, multicomponent tympanometry" (M.A. research project, 1992, resulted in national presentation).

Austin, J. "Monaural and binaural telephone listening" (M.A. research project, 1992).

Chirdon, M. "The influence of probe leaks on multiple frequency, multiple component tympanometry" (M.A. research project, 1993).

Bonenberger, A. "A binaural/monaural comparison for clinic application" (M.A. research project, 1993).

Chastain, P. "What do family practitioners know about hearing loss?" (M.A. research project, 1993).

Famularo, J. "Measurement of the acoustic output of a soundfield amplification system" (M.A. research project, 1993).

Mattioli, C. "A protocol assessing which M/T configuration provides maximum word recognition for an individual with hearing impairment in a classroom setting" (M.A. research project, 1993).

Kowolski, P. "Assessing hearing aid configurations in a classroom environment" (M.A. research project, 1993).

Nelson, C. "Test-retest reliability of the Profile of Hearing Aid Performance" (pre-dissertation project, 1993, resulting in a peer-reviewed publication).

Short, K. "Comparison of the sound pressure levels in rooms with and without soundfield amplification" (M.A. research project, 1994).

Wilson, T. "Impact of pressure range on resonant frequency estimate" (M.A. research project, 1994).

Gettemy, M. "Quantifying the benefit of a self-adapting hearing aid with junior high school students" (M.A. research project, 1994).

Tubbs, R. "Monaural and binaural sound quality judgments over time in a population of hearing aid wearers" (M.A. research project, 1995).

Butts, S. "Monaural and binaural sound quality judgments over time in nonhearing aid wearing hearing-impaired individuals" (M.A. research project, 1995).

Anderson, J. "Use of an ecobehavioral evaluation technique in a psychiatric-based classroom" (M.A. research project, 1995).

Lindley, G. "Environmental awareness and non-linear attenuating earplugs"(M.S. thesis, 1995, resulted in a peer-reviewed publication).

Taubman, L. "Relationship between self-reported and objective hearing aid use time" (M.S. thesis, 1997).

Moriarty, M. "Questionnaire for evaluating aided loudness perception" (M.S. thesis, 1998).

Lindley, G. "Development of a test of residual speech perception" (pre-dissertation project, 1998, resulted in a scientific poster session at the American Academy of Audiology).

Nascone, M. "The effect of presentation gap length on absolute loudness judgment" (pre-dissertation project, 1999).

Lindley, G. "Audiologist versus patient driven hearing aid fitting protocols" (dissertation, 2001)

Guthrie, O. “Autometallographical amplification of intracellular anti-cancer platinum molecules (pre-dissertation, 2003)

Ruscetta, M. N. “The impact of directional listening on perceived localization” (dissertation, 2005)

Mormer, E. “Test/Retest Reliability of Patient Expectations”, (pre-dissertation, 2005)

Guthrie, O. “Gene Expression and Protein Distribution of Nucleotide Excision Repair Factors in the Inner Ear as a Function of cis-Diamminedichloroplatinum-II DNA Damage “, (dissertation, 2006)

Byrne, D. “Comparison of speech intelligibility measures for an electronic amplifying earmuff and an identical passive attenuation device “, (pre-dissertation, 2007)

Ortmann, A. “Role of Envelope Onset Asynchrony in the Perception of Voiced Initial Consonants for Normal-Hearing and Hearing-Impaired Listeners “, (pre-dissertation, 2007)

Alsalman, O. “The impact of cochlear implants on the quality of life of pediatric individuals: Implications for rehabilitation counseling”, (Rehab Counseling Thesis, 2009)

Jorgensen, L. “Evaluation of hearing status at the time of dementia diagnosis”, (pre-dissertation, 2010)

Ye, Yi. “Quantification of binaural loudness summation in hearing impaired people with hearing aids”, (pre-dissertation, 2011)

Zhang, M. “Impact of trainable hearing aids on final hearing aid fittings”, (pre-dissertation, 2011)

Mulla, R. “Impact of a hearing aid adaptation feature on satisfaction” (pre-dissertation, 2012)

Jorgensen, L. “The potential impact of undiagnosed hearing loss on the diagnosis of dementia” (dissertation, 2012)

Ortmann, A. “The impact of spectrally synchronous delay on the intelligibility of conversational speech” (dissertation, 2012)

Mormer, E. “Application of the expectancy-disconfirmation model in the prediction of hearing aid user satisfaction” (dissertation, 2012)

Byrne, D. “Influence of ear canal occlusion and air-conduction feedback on speech production in noise” (dissertation, 2013)

Ye Yi. “Evaluation of the signal-to-noise ratio required to achieve the same performance in English and Mandarin Chinese” (dissertation, 2014)

Zhang, Min. “The role of reward and task demand in value-based listening effort allocation” (dissertation, 2017)

Genna, G. “A model of falls risk in older adults” (dissertation, 2018)

Mulla, R. “Loudness perception with cochlear hearing loss: Models and Correlates” (dissertation, 2018)

Garcia, S. “Hearing protection use and intertemporal choice in industrial workers” (dissertation, 2019)

Jilla, A. “Affordability and willingness to pay: Applications of health care economics in audiology” (dissertation, 2019)

Sharp, J. “Development of a Hearing Loss Screener and Personal Sound Amplification Device” (master’s thesis in the School of Engineering, 2019)

Zhang, Mengchoa. “Effect of prolonged non-traumatic noise exposure on unvoiced speech recognition” (dissertation, 2019).

Kang, L. “Change in acoustic startle as an indication of continuous tonal tinnitus” (dissertation, 2020).

Uyaporn, P. “Impact of speaking style on the accuracy of predicted speech intelligibility” (dissertation, 2020)

Pre Doctoral Mentoring Funding
Robert Cavanaugh, TL1 Fellowship (role: mentor)

Post Doctoral Mentoring Funding
Nick Reed, Johns Hopkins University, Baltimore, MD; NIH K-Award Mentor, K23 “The Role of hearing Loss in Health Care Outcomes” (scored 19, waiting on funding decision 2019-2024, $719,991)

Sara Mamo, University of Massachusetts, Amherst, MA; NIH K-Award Mentor, K23 DC016855-01 “Speech Understanding ability and communication intervention for persons with age-related hearing loss and mild cognitive impairment or dementia” (4/1/2018-3/31-2023, $711,000)

Leah Helou, University of Pittsburgh, Junior Faculty member (2018- present)

Supervision of Doctoral Students

Ph.D. Preliminary Exam/Plan Committee Member

Barbara Vento (1991)
Charles T. Nelson (1991)
George Lindley (1996-1998)
Melissa Nascone Ruscetta (1997-2005)
Tom Goyne (1997-2000)
Elaine Mormer (1998-2005)
Jennifer Horn (1999-2007)
O’neil Guthrie (2001-2005)
Cynthia Eberwein (2003-2007)
Stacey Karn (2004-2007)
Kristie Kovacyk (2003-2009)
Ye,Yi (2005-2010)
Amanda Ortmann (2005-2006)
David Byrne (2006-2007)
Lindsey Keogh Jorgensen (2007-2010)
Min Zhang (2009-2011)
Huang, Ethan I Shun (2009-2010)
Greg Genna (2010 – 2013)
Reem Mulla (2011-2015)
Pitchulee Uaypon (2012-2015)
Mengchoa Zhang (2014-2017)
Asefeh Hemmati (2014-2015)
Linmin (Carolyn) Kang (2015-2017)

Seth Garcia (2016-2017)
Nick Reed (2016 – 2019; Johns Hopkins University)
Carrie Donohue (2017-2018)
Yuxiang Wang (2017-2018)
Leslie Zhen (2017-present)
Jacie Blair McHaney (2019-present)
Elizabeth Haley (2016-present)
Nikki Keeton (2021-present)

Ph.D. Comprehensive Exam Committee Member

Eric Ishi (School of Public Health) (1990-1991)
Barbara Vento (1993-1994)
Charles T. Nelson (1993-2002)
George Lindley (1997-1998)
Melissa Nascone Ruscetta (2000-2001)
Lisa Taubman (2001)
O'neil Guthrie (2003-2005)
Elaine Mormer (2005-2010)
Amanda Ortmann (2007-2008)
David Byrne (2007-2009)
Jennifer Horn (2007-2008)
Kristie Kovacyk (2009-2011)
Lindsey Jorgensen (2010-2011)
Huang, Ethan I Shun (2010 – 2011)
Yi Ye (Abby) (2010-2011)
Min Zhang (2012-2015)
Greg Genna (2012-2014)
Atsuko Kurosu (2013-2017)
Mengchoa Zhang (2017-2018)
Reem Mulla (2015-2017)
Pitchulee Uyaporn (2015-2017)
Anna Jilla (University of Oklahoma Health Sciences, 2017-2018)
Linmin Kang (2017-2018)
Seth Garcia (2017-2018)

Ph.D. Dissertation Committee Member

Reva Rossman (1990-1992)
Richard Angelo (1990-1992)
Eric Ishi (School of Public Health) (1990-1994)
Barbara Vento (1994-2001)
LuAnn Brink (School of Public Health) (1997-1998)
George Lindley (1998-2001)
Lisa Taubman (2001-2005)
Melissa Nascone Ruscetta (2001-2005)
Martin Brodsky (2001-2007)
Cynthia Eberwein (2001-2007, did not complete)
O'neil Guthrie (2005-2006)
Amanda Ortmann (2008-2012)

Mona El-Kady (2008-2010)
David Byrne (2009-2013)
Elaine Mormer (2011-2012)
Huang, Ethan I Shun (2011-2012)
Lindsey Jorgensen (2011-2012)
Jennifer Horn (2008-2015)
Ye Yi (Abby) (2013-2014)
Min Zhang (2015-2017)
Greg Genna (2015-2018)
Atsuko Kurosu (2017-2018)
Reem Mulla (2017- 2018)
Anna Jilla (University of Oklahoma Health Sciences, 2017-2019)
Seth Garcia (2018-2019)
Mengchoa Zhang (2018-2019)
Linmin Kang (2018-2020)
Pitchulee Uyaporn (2017-2020)

CsCD Planning Committee Member
Suzanna Kehler (2013-2017)
Marnie Kershner (2015-2017)
Jolene Lawton (2018-2019)

VAMC Gerontology Research Fellowship Committee Member
Becky Brott (2013-2014)

Swanson School of Engineering, University of Pittsburgh
BIOENG2151, mentored a group of students focused on developing a business canvas (Spring, 2018)

External Reviewer, Masters Thesis, University of Canterbury, Christ Church, New Zealand (2017)

Supervision of Master's Level Research

Master's Thesis Committee Member
George Lindley (1994-1995)
Sheena Phelps-Burk (1996-1997)
Sheneekra Adams (1995-1997)
Lisa Taubman (1996-1997)
Melanie Moriarty (1997-1998)
Jacalynn Sharp (2018-2019, School of Engineering)

Supervision of AuD Level Research
Annette Mazevski
Jessica Green
Stephanie Porcello
Kristin Kaiser
Rebecca Wilson

Whitney Rubel
Anga Lao
Nicole Beninati
Leslie Myers
David Jedlicka
Reem Mulla
Janelle Kisiday
Jenifer Powers
Megan Mueller
Kimberly Rorabaugh
Holly Taslov
Jessica Cosey
Leslie Cody
Jennifer Shalles
Angelo Ripepi
Nichole Reed
Sarah Pease
Sang Moon
Sarah McCarthy
Corrine Barton
Rihab Alkhalil
Victoria Sarbin
Elizabeth Haley
Madeline Starkey
Julia Gordon
Arielle Swartz
Megan Keirans
Rebekah Seger
William Dillon
Helen Wetherbee
Rebekah Ferguson
Catherine Sacco
Beatrice Zamfir
Alicia Hutchinson
Chelsey Williams
Rebecca Penaranda
Allyson Centola
Ryan Shea
Kelly Martin
Hannah Famili
Abby Muller
Patricia McNamara
Jenna Loffredo
Ashley Zambetti
Carson Kegel
Katie Leskowat
Cecelia Lacey

Barbara Schmele

Supervision of Undergraduate Research

Katherine McNeilly (2015-2017) – Bphil
Matthew Smith (2021-2022) – Medical Student

Research Awards/Honors related to students

Ortmann, A. (2011). Recipient of 2011 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.

Zhang, M. (2012). Recipient of 2012 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.

Mulla, R. (2013). Recipient of the AAA Student Poster Award for best poster.

Mulla, R. (2015). Recipient of the AAA Student Poster Award for best poster.

Uayporn, P. (2016). Recipient of 2016 Travel Award from the American Auditory Society funded through a grant from the National Institute of Deafness and Other Communication Disorders.

Fryatt, R. (2016). Recipient of Albert Schweitzer Fellowship related to Rachel's participation in developing the Free Audiology/Hearing Aid Clinic at the Birmingham Free Clinic, Pittsburgh, PA.

Participation in Medical Student Research

Sukato, D., Fruit, J., Palmer, C., Raz, Y., Hirsch, B., McCall, A. (2015). Factors associated with hearing preservation and aidability following cochlear implantation with full-length electrodes.

Participation in ENT Resident Research

Leila Mady, investigating barriers to access to free or reduced priced hearing aids by the populations who need them (advisor, Andrew McCall)

Teaching Materials Developed

Palmer, C. Zitelli, L., Mulla, R., Mamula, E. (2021). Communication Facilitator Training Manual and Workbook.

Palmer, C. (1995). Games to create active learning in Anatomy and Physiology of Hearing and Introduction to Audiology classrooms.

Palmer, C., White, J., Revitt, L., & Killion, M. (1995). Basic Electronics for Understanding Hearing Aids: Text and Laboratory Workbook.

Palmer, C., Mormer, E., Durrant, J., Pratt, S., Vento, B., Sabo, D., Uccellini, K. (2001). AuD curriculum and degree proposal (accepted by the University of Pittsburgh Board of Trustees in the fall of 2001).

Valente, M., Palmer, C., Mueller, HG., Bentler, R., Cox, R., Hawkins, D. (2005). CD of Amplification Teaching Materials (from the Education in Audiology Conference, University of Pittsburgh, Pittsburgh, PA, June, 2005).

Palmer, C., Mormer, E., Pratt, S., English, K. (2007). CD of Aural Rehabilitation Teaching Materials (from the Education in Audiology Conference, University of Pittsburgh, Pittsburgh, PA, June, 2007).

Palmer, C., Amplification II Students. (2007). Case based tutorial on electroacoustic analysis of hearing aids: a workbook. University of Pittsburgh, Pittsburgh, PA. https://pitt.box.com/s/3kcl315f5a42jv4sy6es9dpztpckf1zm

Palmer, C., Mormer, E.. (2009). CD of Practice Management Teaching Materials (from the Education in Audiology Conference, University of Pittsburgh, Pittsburgh, PA, June, 2009).

Palmer, C., Amplification II Students. (2010). Case based tutorial on real ear probe microphone analysis of hearing aids: a workbook. University of Pittsburgh, Pittsburgh, PA. https://pitt.box.com/s/3kcl315f5a42jv4sy6es9dpztpckf1zm

Palmer, C., Mormer, E., Jorgensen, L. (2010). CD of Tools for Preceptors measuring feedback, expectations, critical thinking, and relationships (from presentation at the AAA Conference, San Deigo, CA, April, 2010).

Palmer, C., Mormer, E. (2011). CD of Pediatric Audiology Teaching Materials (from the Education in Audiology Conference, University of Pittsburgh, Pittsburgh, PA, June, 2011).

Palmer, C. (2012). Instructional Video for Band Directors working with student musicians who need to protect their hearing.

Mormer, E., Palmer, C., Zitelli, L., Fruit, J. (2013). White Paper of the Masking Task Force.

Palmer, C., Mormer, E. (2013). Web based access of Clinical Instructor Teaching Materials (from the Clinical Instruction in Audiology Conference, University of Pittsburgh, Pittsburgh, PA, June 2013).

Mulla, R., Palmer, C. (2015). Communication Assistant Training Program.

Williams, C., Palmer, C., Neal, K. (2016). Instructional video for nurses working with inpatients with hearing loss.

Time Out! I didn't hear you: High School, 2nd Edition. (2017). https://pitt-my.sharepoint.com/:f:/g/personal/cvp_pitt_edu/EuutEV43881IpxyQvzFNQwABxcHb3mdIw9qvxNNqpzhm8g?e=SfLdtZ

Time Out! I didn't hear you: College, 2nd Edition. (2017).
https://pitt-my.sharepoint.com/:f:/g/personal/cvp_pitt_edu/EuutEV43881IpxyQvzFNQwABxcHb3mdIw9qvxNNqpzhm8g?e=SfLdtZ

Palmer, C., Williams, C., Neal, K. (2018). Disabilities Debunked 102: Hearing Loss. UPMC Infonet.

Published Software/Website

Palmer, C., Garstecki, D., & Rauterkus, M. (1990). Interactive Product Locator for Assistive Devices. Support Syndicate for Audiology: Pittsburgh, PA.

Palmer, C. (1991). Tracking Software for Audiology Practicum. Support Syndicate for Audiology: Pittsburgh, PA.

Palmer, C. (1992). Tracking Software for Speech-Language Pathology Practicum. Support Syndicate for Audiology: Pittsburgh, PA.

Educational Audiology Association WebSite provides three clinical forms developed by Palmer and Mormer: Hearing Demand, Ability, and Need Questionnaire, Family Expectations Worksheet, Developmental Index for Audition and Listening (v2). Forms can be downloaded at http://www.edaud.org

Auditory Milestones. Project developed in conjunction with the Friends of the Hearing Center and Oaktree Products. www.audiologymilestones.com (launces summer 2022).

Research

Prior Grant Support

Grant Number	Grant Title	Role in Project & % Effort	Years	Source & Amount
PRIOR GRANT SUPPORT				
N/A	Quantification of the sound quality of Class D receivers	PI, 100%	1989	Knowles Electronics Elk Grove Village, IL $10,000
N/A	The influence of individual ear canal and eardrum characteristics on speech intelligibility and sound quality judgments	PI, 100%	1990-1991	Northwestern University $1,000
N/A	The influence of age on sound quality judgments of amplified signals	PI, 10%	1991	FAS/CAS Alumni Fund, University of Pittsburgh $2993
N/A	The long-term influence of monaural and binaural amplification on the adult auditory system: a feasibility study	PI, 10%	1991-1992	Central Res. Develop. Fund, University of Pittsburgh $11,991

N/A	Coherence function and perceived sound quality of hearing aids	PI, 20%	1991-1992	PA Lions Foundation $17,217
DTFH61-91-R-00073	Hearing Disorders and Commercial Motor Vehicle Drivers	Co-Inv, 10%	1991-1992	Federal Highway Admin. $120,000
N/A	The influence of age on sound quality judgments and physical correlates	PI, 20%	1992-1993	PA Lions Foundation $12,409
N/A	Geriatric Education Center of PA	Co-inv, 5%	1993-1995	US Dept. of Public Health & Human Services $900,000
N/A	Protecting Against Hearing Loss in an Occupational Cohort	Co-inv, 5%	1995-1996	UAW-GM, NJCH $157,017
N/A	Managing hearing loss in a group of patients with Alzheimer Disease	PI, 20%	1996-1997	National Alzheimer Association $29,9000
N/A	Resource allocation as a measure of multi-memory hearing aid candidacy	PI, 5%	1996-1997	Etymotic Research Elk Grove Village, IL $5,000
N/A	The effects of hearing aid fitting configuration on novel word learning: a test of hearing aid fitting efficacy with children	Co-inv, 25%	1997-1999	Oticon, Inc. Somerset, NJ $80,181
N/A	Evaluating our clinical ability to return normal growth of loudness to hearing impaired patients through new fitting strategies and new technology	PI, 20%	1997	Siemens,Inc. Piscatway,NJ $29,900
C2036-2RA	Quantifying auditory perceptual learning following hearing aid fitting	PI, 20%	1997-2000	Department of VA Merit Review Application: RR&D $307,800
N/A	Resource allocation as a measure of hearing aid candidacy	PI, 10%	1997-1999	PA Lions Foundation $18,056
N/A	Using a questionnaire to verify return of normal loudness through hearing aid fitting	PI, 5%	1998-1999	Siemens,Inc. Piscataway,NJ $5,000
N/A	The use of pre-fitting objective measures in predicting hearing aid benefit in real world environments	Co-Inv, 5%	1998-1999	American Academy of Audiology $2,500
C2236R	Quantifying functional and physiological changes following hearing aid fitting	co-PI, 25%	2000-2004	Department of VA Merit Review Application: RR&D $537,400
2R42DC 03615-02	Audio-Vestibular Testing for Bedside/Other Applications	Co-Inv, 5%	2001-2003	NIH, NIDCD $500,000
N/A	Reader for the Pitt RFID Tag in the Location Of the Misplaced Hearing Aid	Co-PI, 5%	2002-2003	Siemens $9,480.00
FDA	Implantable Middle Ear Transducer Study:	Co-PI, 5%	2002-	Otologics

Clinical Trial	Clinical Phase II Trial		2003	$22,000
N/A	The impact of directional listening on perceived localization	Mentor to M. Ruscetta	2001-2004	Lions Foudation $17,105
N/A	Assessment of Adaptive Directional Microphone Technology	PI, 10%	2002-2004	Siemens $40,000
1F31	Minority Predoctoral Fellowship Program for O'neil Guthrie (DC005757-01)	Mentor to O'neil Guthrie	2002-2005	NIDCD-NIH tuition & stipend
N/A	Evaluation of hearing aid output Limiting signal processing strategies in a Powerful digital hearing aid	PI, 10%	2002-2004	$39,000
N/A	Over-training new hearing aid users in	PI, 10%	2004-2005	Lions Foundation $20,000
DOD	Remote Mapping of Cochlear Implants	co-PI, 15%	2004-2006	IMITS/DOD $534,252
N/A	Binaural loudness summation	PI, 10%	2008-2010	Lions Foundation $5,000
N/A	Trainable Hearing Aids	PI,5%	2010-2013	Siemens, Inc $33,000
NIH 1R44DC010971-01	Development of Companion Microphones	Co-I, 5%.	2010-2013	$570,000 (subcontract)
CAM-EXP A2010-01	Evaluation of a revised indication for Determining adult cochlear implant candidacy	Co-I, 5%	2011-2012	subcontract from Cochlear Corp.
N/A	Adaptation and the impact on hearing aid Satisfaction	PI, 5%	2012-2013	Unitron, Inc $10,000
NIH	CHEARS component of the Nurses Study	Co-I, 5%	2013-2016	subcontract: $45,600
Hearst Foundation	HearCARE Initiative	PI, 15%	2015-2016	$100,000
Aging Institute UPitt	GATE: Geriatric Auditory Testing for Everyone	PI, 15%	2016-2018	$75,000
Fine Foundation	Hearing and Health Outcomes Including Cognition	PI, 10%	2017-2019	$50,000
Swanson School of	Center for Medical Innovation (CMI) Hearing for Health Prototype Development	PI, 5%	2018-2019	$30,000

Engineering Co-PI

CURRENT GRANT SUPPORT

PCORI	HearCARE: Hearing for Communication and Resident Engagement	PI, 30%	2020-2024	$2,232,945
NIH	National Research Service Award F31 Fellowship, Mentor (Jacie McHaney PhD student)		2022-2024	$145,608
NIH	RO1 Multicomponent Intervention for MCI, Consultant (Cohen, M., Lanzi, A., Smith, G., Ellison, J., University of Delaware)		submitted 2021 scored but not funded Resubmitted 2022	
Pitt CTSI	Quantitative Methodologies Pilot Grant: Decision strategies In Speech Perception in Aging (McHaney, J., Roark, C., Palmer, C. Chandrasekaran, B.)		2022-2023	$25,000
PInCH	Pitt Innovation Challenge: LiDIA (Palmer, C., Vipperman, J., Rauterkus, E.)		2022-2023	$25,000
PInCH	Pitt Innovation Challenge: Addressing Health Disparities (Palmer, C., Vipperman, J., Rauterkus, E.)		2022-2023	$5,000
Innovation Institute	Chancellor's Gap Funding Award (Palmer, C., Vipperman, J., Rauterkus, E.)		2022	$75,000
Hearst Foundation	SUPPORT: **S**cale of **U**sability, **P**erformance, and **P**articipation for **O**ptimizing **R**eal-World **T**echnology		2022-2023	$100,000

Program and Project Development Grants

Grant Number	**Role in Project Grant Title**	**& % Effort**	**Years**	**Source & Amount**
PRIOR GRANT SUPPORT				
N/A	Technology development site	PI, 100%	1988	Apple Computer, Equipment Award
N/A	Proposal to enhance the computer capabilites of the audiology program	PI, 5%	1991	Provost's Advisory Committee for Faculty Computing, University of Pittsburgh $9,415
H029B201 81-93	Preparation of Personnel for Careers in Special Education	PI, 50%	1992-1995	US Dept. of Education $347,046
N/A	Student to Professional Transitions	PI, 5%	1993	Consortium of Prof.

				Edu. Organizations of Western PA $500
N/A	John G. Bowman Faculty Grant for International Exchange	PI, 100%	1994	Intercultural Exchange Endowment Fund, Univ. of Pittsburgh $2,225
N/A	Access to Extracurricular Activities by Students with Hearing Impairment	PI, 10%	1994-1995	PA Initiative on Assistive Technology, Temple University Institute of Disabilities $9,965
N/A	Computer enhancement and support	PI, N/A	1996	School of Health and Rehab Sciences, Univerity of Pittsburgh $1840
N/A	Panasonic Electronic Print Board: teaching tool	PI, N/A	1999	Etymotic Research $1,000
N/A	Cochlear Corp Fellowship Training Grant	N/A	2002-2003	Cochlear Corporation $12,000
N/A	Cochlear Corp Fellowship Training Grant	N/A	2003-2004	Cochlear Corporation $12,000
N/A	Cochlear Corp Fellowship Training Grant	N/A	2004-2005	Cochlear Corporation $12,000
N/A	Lillian Rath Foundation Grant, Pittsburgh Foundation	N/A	2007-2008	$5,000
N/A	Pittsburgh Foundation	N/A	2008-2009	$1000
N/A	Private Donation to Teaching Activities (Joe Valenti, received through SHRS Development Office)	N/A	2011	$1000
N/A	Lillian Rath Foundation Grant, Pittsburgh Foundation	N/A	2013-2014	$5000
ShadySide School of Nursing	Hearing Care Vignettes	Co-I, 5%	2015-2016	$10,000
N/A	Private donation to support Audiology Services and Hearing aid provision at the Birmingham Free Clinic (Nice Family)	N/A	2015-2017	$12,000
Pitt Innovation Institute	Pitt Ventures 2nd Gear Program	PI	2017	$6000
Pitt	Pitt Ventures 4th Gear	PI	2017-	$3000

Innovation Institute			2018	
3 Rivers Venture Fair	Pitch Award	PI	2017	$1500
University of Pittsburgh	Chancellor's Early Stage Commercialization Fund	PI	2017-2018	$5000
N/A	Private donation to support Audiology Services and Hearing aid provision at the Birmingham Free Clinic (Donahue family)	N/A	2018-2019	$25,000
N/A	Private donation to support Audiology Services and Hearing aid provision at the Birmingham Free Clinic (Donahue family)	N/A	2019-2020	$25,000
N/A	Private donation to support Audiology Services and Hearing aid provision at the Birmingham Free Clinic (Donahue family)	N/A	2020-2021	$25,000
N/A	Private donation to support HEAR Core Lab (Skidmore family)	N/A	2020-2021	$5,000
N/A	Private donation to support Audiology Services and Hearing aid provision at the Birmingham Free Clinic (Donahue Family)	N/A	2021-2022	$25,000

CURRENT PROGRAM/PROJECT GRANT SUPPORT

National Institute of Child Health And Human Development and NI of Nursing Research	Learning Health Systems Rehabilitation Research Network (LeaRRN) https://sites.brown.edu/learrn/	Consultant/ Mentor	2020-2025	$3.7M
N/A	Private donation to support Audiology Services and Hearing aid provision at the Birmingham Free Clinic (Donahue family)	N/A	2021-2022	$25,000

Seminars and Invited Lectureships Related to Research:

1988 "Otosclerosis and the application of Multifrequency Tympanometry" Otolaryngology Grand Rounds, Northwestern University, Chicago, IL (February, 1988).

1990 "Interpreting and applying state-of-the-art hearing aid selection and evaluation," Southwestern Pennsylvania Speech and Hearing Association, Pittsburgh, PA. (September, 1990).

1990 "Relative value of different real-ear measurements," Real-Ear Measurements and Applications Seminar, Departments of Otolaryngology and The Eye and Ear Center for Audiology, Pittsburgh, PA. (October, 1990).

1990 "Using multiple-frequency, multiple-component tympanometry in the interpretation of flat tympanograms," Audiology Department, Children's Hospital , Pittsburgh, PA. (November, 1990).

1991 "Quality and value judgements of two hearing aid receivers," for Asha Revisited, Southwestern Pennsylvania Speech-Language-Hearing Association, Pittsburgh, PA. (February, 1991).

1991 "Is it preferable based on intelligibility and quality judgments for a hearing aid to mimic an individual's external ear?" Illinois Speech-Language-Hearing Association, Chicago, IL. (February, 1991).

1991 "Real ear measures in hearing aid fitting: how and why" Audiology Forum, Allegheny General Hospital, Pittsburgh, PA. (September, 1991).

1991 "Research Round Table," Proseminar, University of Pittsburgh, Pittsburgh, PA. (September 1991).

1992 "Choosing the hearing aid most appropriate for you," Self Help for Hard of Hearing, Pittsburgh Chapter, Pittsburgh, PA (April, 1992).

1992-1993 "State-of-the-Art Hearing Aid Selection Procedures" Bi-monthly presentations/discussions with the Eye and Ear Audiology Center Staff, Pittsburgh, PA (January 1992 - May 1993).

1993 "Hearing aid selection and fitting case study" Panel Discussion, Annual Conference of the American Academy of Audiology, Phoenix, AZ (April, 1993).

1994 "Adult Auditory Deprivation/Adaptation" Illinois Speech-Language-Hearing Association, Chicago, IL. (February, 1994).

1994 "Managing Hearing Impairment in Patients with Alzheimer's Disease" Illinois Speech-Language-Hearing Association, Chicago, IL (February, 1994).

1994 "State-of-the-art hearing aid circuitry and evaluation," Tennessee Association of Audiologists and Speech-Language Pathologists, Gatlinburg, TN (April, 1994).

1994 "Selecting and Evaluating Current Hearing Aid Technology" Pennsylvania Academy of Audiology, Scranton, PA (May, 1994).

1994 "The impact of learning and adaptation on hearing research" National Acoustics Laboratory, Sydney, Australia (July 1994).

1995 "How to evaluate the impact of soundfield amplification" Center for Audiology, Children's Hospital, University of Pittsburgh, Pittsburgh, PA (February, 1995).

1995 "The application of hearing aid sound quality judgments" International Hearing Aid Conference, Department of Speech Pathology and Audiology and The Department of Otolaryngology-Head and Neck Surgery, The University of Iowa, Iowa City, IA (June, 1995).

1995 Quantifying the impact of soundfield equalization in a kindergarten classroom. A description presented to the Central Greene School District School Board, PA (August, 1995).

1995 Participant in the Oticon introduction to a fully digital hearing aid for research purposes. Myrtle Beach, SC (October, 1995).

1995 Application of soundfield equalization to a population with chronic otitis media. Cleft Palate/Craniofacial Center, School of Dentistry, University of Pittsburgh, Pittsburgh, PA (October, 1995).

1995 "Deprivation and the human auditory system" Center for Audiology at the Eye and Ear Institute, University of Pittsburgh Medical School, Pittsburgh, PA (December, 1995).

1996 Participant in the Oticon hands-on workshop for using a fully digital hearing aid in research programs, Copenhagen, Denmark (January, 1996).

1996 "Auditory Deprivation and Adaptation" Illinois Academy of Audiology, Chicago, IL (January, 1996).

1996 "Does adult auditory adaptation exist?" Professional Seminar, Department of Communication Science and Disorders, University of Pittsburgh, Pittsburgh, PA (October, 1996).

1996 "Auditory Learning and Adaptation" Research Seminar, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, PA (October 1996).

1996 "Current research in rehabilitation at the University of Pittsburgh" Ability Awareness Days, Highland Drive VAMC, Pittsburgh, PA (October, 1996).

1997 "Hearing Aids: What is the state of the art?" Otolaryngology Grand Rounds, Eye and Ear Institute, University of Pittsburgh Medical School, Pittsburgh, PA (January, 1997).

1997 "Introduction to a research program focussing on auditory adaptation" Research Seminar, School of Health and Rehabilitation Science, University of Pittsburgh, Pittsburgh, PA (January, 1997).

1996 "Matching fitting strategies and hearing aid technology to people" Pennsylvania Academy of Audiology, Pittsburgh and Philadelphia, PA (May, 1997).

1998 "Design of a study to assess the impact of hearing loss on patients with Alzheimer Disease" presentation to the Research Roundtable, School of Health and Rehabilitation Science, University of Pittsburgh, Pittsburgh, PA (October, 1999).

2000 "Managing Hearing Loss in Patients with Alzheimer Disease", GRECC Research Conference, VA, Pittsburgh, PA (March, 2000)

2002 “Functional and physiological adaptation to amplification: does it occur, across what outcomes, and will it impact our hearing aid fitting strategies?” Mayo Clinic Twelfth Audiology Videoconference, Rochester, MN (November, 2001)

2003 “Will new hearing aid technology return normal performance?” GRECC, Department of Veterans Affairs, Pittsburgh, PA (December, 2003).

2004 “Evidence based practice in pediatric amplification” Jackson Hole Rendevous, Jackson Hole, WY (September, 2004).

2004 “Individual Auditory Training: A systematic review of the literature. (Sweetow, R., Palmer, C.) Jackson Hole Rendevous, Jackson Hole, WY (September, 2004).

2005 “Adaptation and learning in the adult human auditory system”, Northwestern University, Evanston, IL (November, 2005)

2006 “Adaptation in the Adult Human Auditory System” GRECC, Department of Veterans Affairs, Pittsburgh, PA (February, 2006).

2007 “Applying the evidence base to hearing aid selection, evaluation, and outcome assessment” University of Auckland, Auckland, New Zealand (May, 2007).

2009 “Verification of Cochlear Implant and Hearing Aid Performance”. University of Miami Cochlear Implant Conference, Miami, FL (January, 2009).

2010 Keynote address. 25th Annual Seminar in Audition. Toronto, Canada (February, 2010).

2010 Keynote address "Evidence based decision making". ENT/SAHNOS/SAAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Managing Hearing Loss in patients with Alzheimer Disease" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Current evidence base in signal processing" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Trainable hearing aids, acclimatization and adaptation in the adult auditory system" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Amplification and the impact on cognitive demand" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2010 "Efficacy of Auditory Training" ENT/SAHNOS/SAA 2010 Congress, Drakensburg, South Africa (October, 2010).
2012 "Hearing Screening in a student health facility" Talk to health care professionals at the University of Pittsburgh Student Health Center, Pittsburgh, PA (March 2012)
2012 "Implementing a gain learning feature" Audiology OnLine (4/27/12)
2012 "Individual Differences: Impact in the lab and clinic" Keynote Address, International Hearing Aid Conference (IHCON), Lake Tahoe, CA (August, 2012)
2012 "Adaptation to loudness post amplification" T-32 Training Lecture, Department of Otolaryngology, University of Pittsburgh, Pittsburgh, PA (November 2, 2012)
2013 "Normal loudness perception: Is it important, Is it achievable?" Audiology OnLine (June 4, 2013)
2014 "Matching Technology and Features to Patient Needs" Audiology OnLine (June 3, 2014)
2014 "Hearing Aids in Review, 20Q" Audiology OnLine (April, 2014).
2015 "Using the amplification guidelines: teaching evidence-based practice" University of Pittsburgh Teaching Conference, Pittsburgh, PA (June 2015).
2018 "Grand Rounds – Hearing Aids" Audiology OnLine (May, 2018).
2019 "Partnering with Home Health Care Providers" Audiology OnLine (July 2019).
2019 "Interventional Audiology" Massachusetts Eye and Ear Institute Audiology Division, presented virtually, Boston, MA (September 2019).
2019 "Treating hearing loss to improve health outcomes" Louisiana Academy of Audiology (September 2019).
2019 "Treating hearing loss to improve health outcomes" Texas Academy of Audiology, Dallas, TX (October, 2019).
2019 "Pediatric Hearing Aid Fittings: Evidence Based Update on Selection and Verification" Pediatric Symposium: Reviewing best practices and guidelines for serving our deaf and hard of hearing children. UCSF Benioff Children's Hospital, Oakland, CA (October, 2019).
2021 "Over the counter hearing aids: What does the pediatric audiologist need to know?" Children's Hospital of Philadelphia Pediatric Conference. (March 12, 2021).
2021 "Industry Amplification Roundtable" Audiology Online, Moderator (3/31/2021).
2022 "I have the intervention if you have the design" with Charity Patterson, SHRS Data Center, InSpIRe, SHRS University of Pittsburgh (2/22/2022).
2022 "Industry Roundtable" Audiology Online, Moderator (2/23/2022).

Other Research Related Activities:

Innovation Disclosure and Patents

Innovation disclosure filed with Pitt Innovation Institute (2018) related to Hearing for Health (H4H)

Provisional Patent Submission, **L**istening, **Id**entification, and **I**nstant **A**mplification (**LiDIA**). U Pitt Ref No. 05473. (Spring, 2021)

Editorships

Seminars in Hearing, Editor-in-Chief, 2000-present *(two issues in 2001 were selected as the Best Special Issues in Diagnostic Audiology 2001 by The Hearing Journal)*

Editorial Consultant, Chinese Scientific Journal of Hearing and Speech Rehabilitation (2008-present)

Guest Editor, Journal of the American Academy of Audiology (2009-2013), Research in Education Edition (edition published May 2013).

Guest Associate Editor (Amplification Section), Journal of Speech, Language, Hearing Research, 2011-2012

Language, Speech, Hearing Services in the Schools, Associate Editor, 1996-1998.

Audiology Today, American Academy of Audiology, Contributing Editor, 1990-1993.

American Journal of Audiology (Asha), Editorial Consultant, 1991-1997.

Guest Editor for Audiology Today, September/October, Volume 4, 1992.

Guest Editor for The Hearing Journal, November, Volume 11, 1999

Guest Editor for Trends in Amplification, June, Volume 5, 1999.

Edited, "Clinical Application - Hearing" chapter in Sense and Perception, Bruce Goldstein, Psychology Department, University of Pittsburgh (1995, 1997).

Health Care Job Explosion, D-Amp Publications, edited the SLP and Audiology section, 1995.

Journal Refereeing

Journal of the American Geriatric Society, Reviewer, 2021
Journal of the American Medical Association, Reviewer, 2018, 2020
Ear and Hearing, Reviewer, 1991-1994, 1999, 2001,2002, 2003,2004, 2005, 2007-present
International Journal of Audiology, Reviewer, 2004, 2008, 2009, 2010-2020
Journal of the American Academy of Audiology, Reviewer, 1992, 1995, 2004, 2005, 2007-present
Laryngoscope, 2006, 2007, 2008, 2009, 2010-2020
Journal of Speech, Language, Hearing Research, Reviewer, 1999, 2002, 2004, 2005, 2006, 2011, 2012
Journal of the Acoustical Society of America, Reviewer 1998, 2004
Otolaryngology, Head and Neck Surgery, 2000.

Annals of Otolaryngology, Reviewer 1998.
Annals of Otology, Rhinology, and Otolaryngology, Reviewer 1999.
Archives of Neurology, Reviewer 1994.
American Speech-Language-Hearing Association Journal, Aural Rehabilitation Materials reviewer, 1988-1997.
American Speech-Language-Hearing Association Journal, Software reviewer, 1989-1997.
American Journal of Audiology, Reviewer 1993-1998, 2000, 2001, 2002, 2003, 2004, 2006, 2008.
Journal of Rehabilitation Research and Development, 2005
Archives of Neurology, Reviewer, 1995.
Hearing Review, Reviewer, 1996, 1998.
Journal of Gerontology, Reviewer, 1992, 1995.
Journal of the Academy of Rehabilitative Audiology, Reviewer, 1995,1996.
Language, Speech and Hearing Services in Schools, Reviewer, 1992-2000.
Referee, The Pittsburgh Undergraduate Review (1992)
Audiology and Neurotology, 2006
Trends in Amplification, 2006, 2007, 2008

Book chapter reviewer:

Fabry, D. "Subjective ratings: Are they relatively useful?" in Strategies for Selecting and Verifying Hearing Aid Fittings, Valente, M. (ed). Thieme Medical Publishers, Inc. (1993).

Dillon, H."Special Hearing Aid Issues for Children." in Hearing Aids, Dillon, H. (ed). (2000).

Book reviewer:

Baloh, R.W. "Dizziness, Hearing loss, and tinnitus: the essentials of neurotology." F.A. Davis Company, Philadelphia, PA (1997).

Musiek, F., Rintelmann, W. "Contemporary Perspectives in Hearing Assessment", for the American Journal of Otology. (1999)

Seewald, R. (2001). "A sound foundation through early amplification", for Ear and Hearing.

Guideline Reviewer (invited):

AAO-HNSF Clinical Practice Guideline-Sudden Hearing Loss, Peer Reviewer, 2011.
ASHA, Ad-hoc committee, Guidelines for Use of FM devices, Reviewer, 1995-1996.
ASHA, Joint Committee of the ASHA and the Council on Education of the Deaf position statement and report on Hearing Loss and Communication: Terminology and Classification Schemes, Reviewer, 1996.
ASHA, Ad-hoc committee, Guidelines for fitting hearing aids, Reviewer, 1997.
ASHA, Ad-hoc committee, Maximizing technology in the schools, Reviewer, 1996.
ASHA, select peer-review, Minimal Competencies for Providing Audiologic Rehabilitation Services, Working Group on Audiologic Rehabilitation (2000)

Extra-mural Grant Reviewing

VA RRDC, Research Enhancement Award Program and Consortiums, External Reviewer, 2021

National Institute for Health Research (NIHR) Programme Grants for Applied Research, External Reviewer, 2019 (Stage 1 and 2)

Ontario Research Fund – Research Excellence Round 8, Expert Reviewer, 2016

New Zealand Pilot Grant Application, External Reviewer, 2012

VA Merit Review Board, Office of External Reviews, Reviewer, 1995,1997

ASHA, 1995 Graduate Student Scholarship Awards Review Panel

AFA/AAA Audiology Professional Organization Practitioner Scholarship Award, Reviewer, 2003

Research Grants Council (Competitive Earmarked Research Grant from 2007-2008), Hong Kong, China, 2007

Specialty Board Memberships

Co-Chair, American Academy of Audiology Pediatric Amplification Guidelines Task Force (2019-present)
Member, Hearing Center Auxiliary Board, UPMC Children's Hospital Foundation (2015-present)
Committee Member, ANSI Specifications of Performance Measurement of Hearing Assistance Devices/Systems (2019-present)
Audiology Aligned Purpose Board (AAA, ADA, ASHA, ARA, EAA), (2019-2021)
Advisory Panel, Department of Education, REACH for Children Training Grant (2010-2016)
Co-Chair, American Academy of Audiology Pediatric Amplification Guidelines Task Force (2009-2013)
Advisory Board Member, Rehabilitation Engineering Research Center on Hearing Enhancement (RERC-HE), Gallaudet University, Washington, DC (2004-2011)
Vice-Chair, Accreditation Commission for Audiology Education (ACAE), Washington, DC (2009-2015)
Steering Committee Member, Accreditation Commission for Audiology Education (ACAE), Washington, DC (2003-2015)
American Academy of Audiology, Task Force Co-Chair: Guidelines for Pediatric Amplification (2001-2003)
University of Pittsburgh Advisory Board to Pittsburgh's Programs for Educators of Deaf and Hard of Hearing Students (1995-2010)
Vice-president of the Board, DePaul School for Hearing and Speech, Pittsburgh, PA (2009-2013)
Board Member, DePaul School for Hearing and Speech, Pittsburgh, PA (2001-2013)
American Speech Language Hearing Association, member of Blue Ribbon panel in Audiology, Directions for Audiology for the next decade (1997).
Committee member, The American National Standards Institute (ANSI) working group on standards for assistive listening devices (1992-present). Draft of standard submitted November 1995 for peer review, committee reconvened April 2005, draft document completed November 2005.
Committee member, The American National Standards Institute (ANSI) working group S3/WG73 (ANSI S3.20-1995), Terminology (1994-1995). Final product: American National Standard Bioacoustical Terminology.
Committee member, Committee on Bioacoustics Standards and Noise Standards, American Speech-Language-Hearing Association, 1992-1994.

Pennsylvania Initiative on Assistive Technology, Advisor for assistive listening technology in a proposed state loaner program (1997-1998)

Coordinator: University of Pittsburgh/Oticon Conference entitled "Remediating Pediatric Hearing Loss Through Amplification: Bringing Science into the Clinic. San Antonio, TX (February, 1998).

Assistive Technology and Home Modification Committee convened by the Southwestern Pennsylvania Partnership for Aging (SWPPA) in cooperation with the American Society on Aging (ASA), committee member (1995-1996)

Pennsylvania Academy of Audiology, Steering Committee, (1993-1995)

Participant, Creating Institutional Diversity: Student Perspectives on Minority Recruitment and Retention, American Speech-Language-Hearing Association Teleconference (1992).

Working in conjunction with the telecommunications department (Dee Gallo, contact) on the University of Pittsburgh meeting the requirements of the Americans with Disabilities Act (ADA) by January 1993.

Other

Consultant to NIH/NIDCD (R34 – NIH Planning Grant) entitled "Aging, Cognition, and Hearing Evaluation (ACHIEVE Healthy Aging). Frank Lin, MD principal investigator, Johns Hopkins Medical Center, Baltimore, MD. (2016-present)

Consultant to NIH/Aging Institute submission entitled "Hearing and Memory – RCT", Frank Lin, MD principal investigator, Johns Hopkins Medical Center, Baltimore, MD (2016-2020)

Disability Services Consultant, National Board of Medical Examiners (NBME). Review documentation of requests by examinees with disabilities for special test accommodations on the U.S. Medical Licensing Examination (USMLE), 2009-present.

Consultant to NIH/NIDCD grant entitled "Early childhood longitudinal study – Kindergarten Class of 2010/11 (ECLS-K: 2010/11)

Consultant to NIH grant entitled "Balance disorders: attention, anxiety, and migraine", Joseph Furman, MD principal investigator, University of Pittsburgh, Pittsburgh, PA (2003-present)

Consultant to NIH grant entitled "Vestibulo-Ocular function in the Elderly", Joseph Furman, MD principal investigator, University of Pittsburgh, PA (2003-present)

Consultant to NIH grant entitled "Companion Microphones: Increased SNR for 3+ talkers", Mead Killion, PhD principal investigator, Etymotic Research, Inc., Elk Grove Village, IL (2002-present).

Data collection site manager for clinical trials to establish norms for new tonal and speech tasks produced by the Long Beach Veterans Administration Medical Center, Long Beach, CA. (1992)

Data collection site manager for the Reliability of the expected consequences of hearing aid ownership (ECHO) scale conducted by Robyn Cox, Ph.D. University of Memphis. (1997-1998)

Participation in Hearing Aid Clinical Trials, Unitron 1993-1995; Oticon 1994; Siemens 1995; Oticon 1996 (first wearable, digital hearing aid); Micro-Tech 1998

Data collection site manager for the Speech In Noise (SIN) test, reliability and test construction conducted by Mead Killion, Ph.D. Etymotic Research (2000).

Participant in the "Expert Questionnaire: Hearing Aid Trouble-Shooting Based on Patient's Descriptions" (on of 30 experts chosen to participate). Conducted by the University of Western Ontario and Starkey Laboratories.

CURRENT RESEARCH INTERESTS

Untreated hearing loss in aging adults is associated with poor social and health outcomes. There is emerging evidence that treating hearing loss positively impacts both social and health outcomes in this population. Hearing loss appears to be a modifiable risk factor for a number of issues in aging in including cognitive decline, hospitalization, readmission, medical adverse events, and social participation. Only 23% of aging adults have had their hearing screened or tested and only 18% make use of amplification which is the evidence-based treatment for hearing loss. My research is focused on identifying delivery models that could support the identification of hearing loss and provision of hearing assistance in health care settings where individuals cannot fully participate in decision making if there communication is compromised by hearing loss. Additionally, my research focuses on what elements (resources/personnel) need to be in place to support more individualized hearing health care if indicated.

Service

International

External reviewer, National Research Foundation South Africa (2021)
Hosted Visiting Scholar, Justine Sweet from the UK National Hearing Service (October, 2016)
Chair, AAA Sub-Committee on China, 2010 – 2013
Member, International Committee, AAA, 2010- 2013
Co-Chair, Paediatric Audiology Congress, Como, Italy, Sponsored by Widex, Inc. (2011-2012)
Advisory Board Member, Paediatric Audiology Congress, DuBai, United Arab Emirates, Sponsored by Widex, Inc. (2008-2010).
Advisory Board Member, Paediatric Audiology Congress, Amsterdam, Holland, Sponsored by Widex, Inc. (2007-2008).
Consultant to China Rehabilitation Research Center to Deaf Children (August, 2008).
Visiting Professor, Sichuan University, West China Medical School, May – June, 2004; May-June 2005.
Visiting Professor, Hong Kong University, Hong Kong, China, October 2005.
Erskine Fellowship (visiting professor) , University of Canterbury, Christchurch, New Zealand, May-June 2007.
Consultant to the government of New Zealand related to the ACC and providing hearing services to individuals who have suffered noise induced hearing loss (2006-2007).

State and National

Chair, American Academy of Audiology Task Force, Positioning audiologists to thrive in an environment of disruptions including OTC hearing aids (2022).

Chair, American Academy of Audiology Task Force, Response to FDA Docket No. FDA-2021-M-0555, RIN 0910-AI21, Medical Devices; Ear Nose, and Throat Devices; Establishing Over-the-Counter Hearing Aids (2021).

AAA Representative to the Bluetooth Special Interest Group: Bluetooth LE Audio and Audio Sharing (2021-present).

Content Reviewer, MP.PA072 – Cochlear Implants and Osseointegrated Bone Conduction Devices (UPMC Health Plan, April 28, 2021).

Steering Committee, Audiology Clinical Education Network - ACEN (Audiology clinics across the country coming together to implement standards for the audiology externship application process) (2021-present).

Chair, American Academy of Audiology Nominations Committee (October 2020-March 2021)

Ex Officio Member, American Academy of Audiology Inclusion, Representation, Equity (IRE) Committee (June 2020-2021)

Chair, Teaching Conference (Simulation in Audiology Education), University of Pittsburgh (June, 2021, virtual conference)

Content Reviewer, MP.PA072 – Cochlear Implants and Osseointegrated Bone Conduction Devices (UPMC Health Plan, July 13, 2020).

Past-President, American Academy of Audiology (October 2020-September 2021)

President, American Academy of Audiology (October 2019-September 2020)

President-Elect, American Academy of Audiology (October 2018-September 2019)

Content Reviewer, MP.PA.116 – Air Conduction Hearing Aids and Device Fitting, Medical Assistance (UPMC Health Plan, December 1, 2019).

Contributor, OTC Hearing Aid Consensus Statement published by AAA, ADA, IHS, and ASHA (8/14/2018).

Chair, Teaching Conference (Vestibular), University of Pittsburgh (June, 2019)

Member, National Cross Sector Agenda Hearing Loss Prevention, NORA (National Occupational Research Agenda), NIOSH, 2018-2019 (published in the Federal Register, August, 2019).

Presenter/Participant, National Institute of Aging, Workshop on Using Functional Assessment to Define Therapeutic Goals and Treatment, Washington, DC., November 30- December 1, 2017.

Chair, Teaching Conference (Counseling), University of Pittsburgh (June, 2017)

Reviewer, Hearing Health Care for Adults: Priorities for Improving Access and Affordability, Health and Medicine Division of the National Academies of Sciences, Engineering, and Medicine (Institute of Medicine) (June, 2016).

Chair, Teaching Conference (Amplification), University of Pittsburgh (June, 2015)

Committee Member, Research, Teaching and Clinical Poster Sessions, AudiologyNOW annual convention, San Antonio, TX (2014-2015)

Testified before the PA Audiology and Speech Language Pathology Licensing Board (March, 2013) regarding the proposed new licensure bill for audiology.

ACAE Site Visitor, 2014, 2015

Chair of Research, Teaching and Clinical Poster Sessions, AudiologyNOW annual convention, Anaheim, CA (2012-2013).

Co-Chair, Teaching Conference (Issues in Clinical Education), University of Pittsburgh (June, 2013)

Search Committee Member, DePaul School for Speech and Hearing, Search for new superintendent (Summer 2012)

Award Selection Committee, Larry Mauldin Award (2010-2012)

Trained Site Visitor, ACAE (January, 2009)

Co-Chair, Teaching Conference (Issues in Teaching Pediatric Audiology), University of Pittsburgh (June, 2011)

Co-chair, Teaching Conference (Practice Management), University of Pittsburgh (June, 2009)

Co-chair, Teaching conference (Managing hearing loss), University of Pittsburgh (June, 2007)

Consultant to Aviation Medicine (Stat Medivac) related to hearing protection service (2006-present)

Member, Student Research Committee, American Academy of Audiology Convention (April, 2008)

Acting chair, Student Research Forum, American Academy of Audiology Convention (April, 2007)

Chair, Managing Hearing Loss in Adults Conference, sponsored by Phonak, Inc. (November, 2006).

Visiting Scholar, Northwestern University, November 9-11, 2005.

Co-chair, Teaching conference (Amplification), University of Pittsburgh (June 2005).

Convention Chair, American Academy of Audiology Annual Convention 2005 (2003-2005).

Member, American National Standards Institute, Assistive Listening Device Guidelines (2004-)

Convention Committee Member, American Academy of Audiology Annual Convention 2004 (2003-2004).

Program coordinator for Student Presentations for the American Academy of Audiology National Convention, San Antonio, TX, April 2003.

Executive Board Member of the American Academy of Audiology, 2001-2004

Program coordinator for Poster Sessions and Research Podium Presenations for the American Academy of Audiology National Convention, Chicago, IL, March 2000.

Participant in the Professional Doctorate in Audiology meeting hosted at the University of Iowa, Iowa City, IA (July, 1999). Each university shared their progress and thoughts on the AuD.

ASHA 1991 Convention Subcommittee - Computer Use in Speech, Language, and Hearing (1991).

Pennsylvania Speech-Language-Hearing Association, Program Committee member (1992-1993)

Southwest Pennsylvania Speech-Language-Hearing Association, Vice-President Elect for Programs (1992), Vice-President for Programs (1993).

Illinois Speech-Language-Hearing Association 1991 Convention Subcommittee - Technology Update (1991).

University

University IRB Committee Member (section B), 2002-present

University of Pittsburgh Health Sciences Interprofessional Forum Moderator, 2020

Provost's Mentoring Award, selection committee member, 2018-2019, 2019-2020

Participated in the Mini-MBA program through the Katz School of Business, University of Pittsburgh, Pittsburgh, PA.

Participant in the Robert Wood Johnson/AAMC Site Visit associated with Partners in Education Consortium, Graduate School of Public Health (PI Dr. Loren Roth, Project Director, Dr. Barbara Evans). PIEC is a local initiative that was formed to carry out the national Project 3000 by 2000: Health Professions Partnership Initiative's (HPPI) objective to increase the number of academically prepared underrepresented racial minority students in health professions schools. Continued participation in 2000 (workshops for students and educators including Saturday Health Science Academies (SHSA)).

Medical School

Presenter, Longitudinal Alliance Program for Medical Students (2021)
Member, UPMC Student Oversight Committee (2020-present)
Member, Search committee for auditory research scientists (2017-2019)
Chair, Audiology Externship Interview Committee, Department of Otolaryngology (2001-present)
Member, Neurotology Fellow Interview Committee, Department of Otolaryngology (2000-present)
Member, Quality Control Committee, Department of Otolaryngology (2012-present)
Coordinator, Audiology Lectures to 3rd year medical students (2000-present)
Search Committee, Surgeon/Investigator in Otology (1999-2002)
Search Committee, ENT Administrator (2002)

Member, Audiology Search Committee, Audiology Center of Children's Hospital, University of Pittsburgh (1993)
Member, Noise Reduction Task Force, University of Pittsburgh Medical School (1999-2000)
Member, Medical Records for Otolaryngology Committee (1999-2000)
Member, Patient and Referring Physician Satisfaction Committee (2000-2004)
Participant in the annual Interprofessional Forum "Educating Health Care Teams of the Future" sponsored by the University of Pittsburgh Health Sciences (2010 –present)
Member, Inter-professional Team for Expansion of Post-Trauma Care Clinic (2013-2015)
Member, Hearing Research Center (Thanos Tzounopoulos, PhD)

Director, Audiology and Hearing Aids Department, UPP-ENT Specialists, UPMC, Director Audiology Children's Hospital, Director Audiology Community ENT. As director I manage the overall patient care, billing, collections, and third party reimbursement associated with the clinic, as well as the 46 FTEs audiologists and audiology assistants practicing in the 2 main facilities and 19 satellite locations. In addition, I provide patient care 1-2 days per week and develop and expand patient programs. I am directly responsible for the budget associated with this cost center.

School of Health and Rehabilitation Sciences

Chair of Health and Rehabilitation Science School Committee
- SHRS Council on Professional Entry Level Education (1998-present)
- Chair, Dean's Distinguished Teacher Award 2002 Committee (2001-2002)
- Task force to evaluate Dissertation Defense Protocol (2013)
- Chair, Ad-Hoc Promotion Committees (2019, 2020)
- Chair, Search Committee for Rehabilitation Counseling and Mental Health Program Director (2020)
- Chair, Search Committee for Audiology Faculty Member (externship coordinator) (2021)

Member of Health and Rehabilitation Science School Committee
- Committee to develop Health and Rehabilitation Science Undergraduate degree (1996)
- SHRS Council on Professional Entry Level Education (1996-1998)
- Committee to select the 2000 Dean's Distinguished Teacher (2000)
- Member of 4 Promotion Committees in 2013
- Member of 2 Promotion Committees in 2014
- Member of 1 Promotion Committee in 2015
- Member of 2 Promotion Committees in 2016
- Member of 2 Promotion Committees in 2017
- Member of 3 Promotion Committees in 2018
- Member of 3 Promotion Committees in 2019
- Member of Educational Excellence Advisory Council, 2018-present
- Member, Rehab and Aging Working Group (2018-2020)
- Member, Mentoring Evaluation Task Force (2019-present)
- Member, Occupational Therapy Promotion Committee (2021)

Communication Science and Disorders

Chair of Departmental Committees:

Chairperson, Appeals Committee (1992)
Chairperson, Search Committee for Audiology Supervisor (1992)
Chairperson, Public Relations (1993-1995)
Chairperson, Search Committee for Audiology Supervisor (1995-1996)
Chairperson, Audiology Masters Curriculum (1996-1997)
Chairperson, Professional Doctorate Committee (1998-2003)
Chairperson, Financial Aid Committee (2003-2009)
Director, AuD Program (2009-present)
Chair, Search Committee, Non-Tenure Stream Audiology Faculty (2018)

Member of Departmental Committees:

Ad hoc committee - Revision of the Audiology Curriculum (1991)
Ad hoc committee - Revision of the Audiology Comprehensive Exam (1991)
Infrastructure Grant committee (1990, 1991)
Search committee for senior Audiology Position (1990-1992, 1993)
Search committee for junior Audiology Position (1991-1992)
Ad hoc committee - Revision of the Ph.D. Curriculum (1991-1992)
Internal review committee (1991-1993)
Ad hoc committee - Office of Education Training Grant (1991-1992)
Ad hoc committee - Space Allocation for the Department (1991-1992)
Budget Committee (January 1992)
Search committee for Clinic Director (1992)
Ad hoc committee - Promotional Division Brochure (1992)
Audiology Comprehensive Exam Committee (1991-1993)
Admissions committee (1991-1994)
Speech and Hearing Clinic Advisory Board (1993-1996)
Search Committee for junior Speech-Language Position (1992-1993)
Curriculum Committee (1995)
Ad hoc committee - CS&D 5 year plan for SHRS (1996)
Search Committee for Speech-Language Clinical Faculty Position (1996-1998)
Undergraduate Curriculum Committee (1996-1997)
Doctoral Curriculum Committee (1996-1997)
Ad Hoc Committee for the Audiology Program (1997-1998)
Faculty Development Committee (1997-1998)
Admissions Committee (1997-1998)
Faculty Search Committee for (2006-2007)
Continuing Education Committee (2008-2009)
Financial Aid Committee (2010-present)
Budget and Planning Committee (2010-present)
Participated in 4 day Problem-Based Learning Seminar for Curriculum Development (2013)
Member, CSD Chairperson Search Committee (2016 – 2018)
Member, CAA Leadership Team (preparing for accreditation site visit, 2017-2018)
Member, CSD Vice-Chair Research Search Committee (2018)
Member, CSD Academic Affairs Committee (2018-present)
Member, CSD tenure stream CSD faculty member promotion committee (2018-2020)
Member, CSD appointment stream CSD faculty member promotion committee (2018, 2020)

Member, Brain and Communication Undergrad. Res. Experience (BrainCure) (2019-2020)

Community Activities:

Pitt Science Outreach (Summer 2014). Amy DiTomasso (coordinator) from the Clinical and Translational Science Institute invited our lab to participate in the Pitt Science Outreach Summer Camp focused on "Technology and Your Health". We collaborated with 9 local YMCA's and the YWCA to deliver a 6 week sustained science camp to under served youth grades 4-6. The camp teaches the kids how to use the scientific method to come up with research experiments that we will help kids run, analyze, and present to their peers. We organized the section focused on "Technology and hearing health". This involved working with undergraduates to create presentation and activities to get the campers interested. We created a workbook of manageable experiments and provided all of the materials. The last day of camp ended with Sciencepalooza where individuals from my lab had a table at the Pitt Student Union where campers could have the level of their MP3 players measured.

Student Musician Program, guest lectures at local schools to promote hearing health and noise Protection. Direct the free educational programs on hearing protection for the community that are run through the UPMC Musicians' Hearing Center and provision of non-custom hearing protection for the instrumentalists in the Pittsburgh Public Schools (with support from the Eye and Ear Foundation). (2003 – present)

Evaluators for the Pittsburgh Public School Gifted Program Science Fair (grades 2-8). Students from the Auditory Processing Laboratory take one day each year to evaluate the student submissions to the PPS Gifted Program Science competition (2004- present)

High School Senior Project Mentor for Eli Coyle, Seneca Valley High School. Hearing Screening Project (2014).

Hearing Aid Reconditioning and Redistribution Program operated out of the Seven Fields UPMC ENT/Audiology satellite clinic. This program provides hearing aids free of charge to financially challenged individuals. This program involves UPMC Audiology, Quote International, and MERC UPMC Horizon. (2012 –2016)

HEAR-UP (Hearing Education and Resources for Underserved Populations): Hearing Aid Free Clinics. Birmingham Free Clinic and Squirrel Hill Health Center (2016 – present). I organize and support these two clinics working with the Eye and Ear Foundation and the University of Pittsburgh (these are both training sites for University of Pittsburgh AuD students).

IHEAR (Interprofessional Help Encouraging Auditory Rehabilitation): (1) Trained 167 PT, OT, SLP Home Health workers to identify hearing loss and use simple amplifiers during therapy. (2018-present). (2) Trained Nurse Practitioner who oversees the Center for Care of Infectious Diseases to perform hearing screenings as part of the wellness visits for primary care patients and provided non-custom amplifiers for clinic rooms.

UHEAR (UPMC Hearing Education and Amplification for Recovery): Inpatient program where simple amplifiers are delivered to any patient identified as having untreated hearing loss (1998-present)

HearCARE (Hearing Communication Assistance for Resident Engagement): Hearing services provided across the 33 UPMC Senior Living facilities by audiologists and communication facilitators (2015-present)

EAR (Embedded Audiology Resources): Embedded Audiology clinic in two Geriatric Outpatient Clinics in order to address accessibility and affordability of hearing health care (2016- present). Embedded hearing screening and amplifier provision into the UPMC Trauma Outpatient Clinic (1914-present). Embedded hearing screening and amplifier provision (in conjunction with the Pitt Audiology training program) into the UPMC Perioperative Clinic (2021-present). Embedded Audiology clinic in two Community Life programs in the greater Pittsburgh area (2021-present).

Auditory Milestones Project: Supported by the Hearing Center Auxiliary Board, UPMC Children's Hospital Foundation, this program provides accessories at no cost (e.g., special alarm clocks, smoke detectors, phone devices) that encourage increased independence for our birth – 21 year old Children's Hospital Audiology patients. The patient (or parent) logs into the site and is presented for information about auditory milestones associated with their child's age (from the DIAL v.2) and then they can choose one item to be shipped to them free of charge to encourage increased independence.

Hearing Protection Programs: Educational programs to the middle and high schools in Southwestern PA to provide non-custom hearing protection. Provide hearing protection to the Pittsburgh Symphony, Carnegie Mellon Music School, Pitt Band, and the University of Pittsburgh Dental School.

Consultantships

Represented AAA as a member of the Friends of the Congressional Hearing Caucus who met with new NIH NIDCD Director, Dr. Deborah Tucci, Bethesda, MD (December 10, 2019)

Consultant, Yale University, Yale New Haven Health, Division of Otolaryngology (2019)

Consultant, Duke University Division of Otolaryngology and Audiology (2017)

Consultant, Hershey Medical Center, Department of Surgery, Division of Otolaryngology and Audiology (1/2015-2/2015).

Consultant, VAMC, Long Beach, CA; Virtual Corporation immittance instrumentation/Macintosh interface. (9/88)

Consultant, Knowles Electronics, Itasca, IL (1/89 - 4/90)

Consultant, Virtual Corportation, Portland, OR (11/87-11/90)

Consultant, Storz Instrument Company, St. Louis, MO (1/90 - 12/91)

Consultant, Veterans Affairs Medical Center, Oakland VA, Pittsburgh, PA (7/91 - present)

Consultant, Veterans Affairs Medical Center, Highland Drive VA, Pittsburgh, PA. (10/91 - present)

Consultant, First Health, Funds Hearing Aid Project - United Mine Workers' Association, Coraopolis, PA (1/93 - 12/97)

Consultant, Oticon, Inc. Digifocus Software Project, San Diego, CA (7/97)

Focus Group Member, Etymotic Research, Inc. (2001- present)

Consultant, MedRx, Tampa, Florida (2004)

Member, Education Committee, DePaul School for Hearing and Speech (2007-present)

Consultant, First Health, FUNDS Hearing Aid Program. Provided Hearing Aid Necessity Reviews for providers. (1993-1996).

Media

1993 "The Americans with Disabilities Act: How will it impact you?" WTAE radio program "Dimitri - Live" (July, 1993)

1994 "Aural Rehabilitation Interactive software saves time, enhances quality of service" Advance Magazine (Zarrella, S.), 4 (29), 4, 7.

1995 "The Wide Wired World of Hearing Care: Travels on the info superhighway" The Hearing Journal, 48, 18-20.

1995 "Americans with Disabilities Update" North Hills News Record, January, 1995.

1995 "Audiologists seek etiology, intervention for nonstimulation" Advance Magazine (Zarrella, S.), 5 (6), 13, 17.

1996 "Our Healthy Community" Earl Belle Smith, M.D., F.A.C.S., host, WCXJ/AM (1550).

1998 "Swimming safety and children" Ralph Iannoti, reporter, KDKA (TV 4).

1999 "Hearing Aids and Alzheimer Disease" Terri Taylor, talk show host, WQED (TV13), Health News show.

1999 "High-tech hearing aids" Focus on Health in the *Jewish Chronicle*, Ben Wecht, Freelance Writer, subscription of 12,000, March 18, 1999.

1999 "The American with Disabilities Act: Is it really helping the hearing imparied?" interviewed and quoted for the cover story of The Hearing Journal (February 1999).

1999 "Clinician Focus" Physician's Practice Digest, Vivian Smith, Freelance writer, June 1999.

1999 "Simpler, smaller, smarter: New advances in hearing aid technology" Alive and Well Program, sponsored by the University of Pittsburgh Medical Center, Station Square Sheraton, Pittsburgh, PA (54 attendees), May, 1999.

1999 "People the Times" University Times, July 22, 1999, p.11.

1999 "Sensory systems and aging." Aging Today, journal of the American Society on Aging, Claudia Miller, Freelance writer, August, 1999.

1999 "Hearing Aids Help Alzheimer's Patients and Caregivers" News Flash-Research Periscope in *Pitt Magazine,* Amy Notarius, Staff Writer, August, 1999.

1999 "Experts debate key fitting issues: LDLs, kneepoints, and high frequencies", The Hearing Journal, H.Gustav Mueller, October, 1999.
1999 "Soundfield systems for our schools" Philadelphia Inquirer, Mary Ann Uhlman, writer, (October, 1999).
1999 "Assistive Listening for the Hearing-Impaired" Health Focus with Mary Rob Jackson on the 5 o'clock news, KDKA (TV 4).
1999 "Campus Newsmakers", *Pitt Magazine*, Staff Writer, December, 1999.
2000 "Members tell us why they became audiologists" *The Hearing Journal*, David Kirkwood, Editor, March, 2000.
2000 "Can Aerobics be Hazardous to Your (Hearing) Health?" *Zenith Woman*, Lora Garrick, Freelance writer, February, 2000.
2000 "Telephone hearing screening" Focus on Health in the *Jewish Chronicle*, Freelance Writer, April, 2000.
2000 "Questions and Answers about Hearing Loss - May is Better Speech and Hearing Month", B94 radio, Infiniti Broadcasting, Shellie Duffie Sunday Morning Health Show, May, 2000.
2000 "Disposable hearing aids for mild hearing loss now available" Physicians News Digest (October, 2000, v.6 (3), p.16).
2000 "Disposable aids for mild losses" UPMC Presbyterian Physician (November, 2000, v.9 (11), p.8)
2001 "The Woman Doctor's Guide to Health and Healing" (Elizabeth Shimer, author)
2002 Interview with Greg Coy, Philly/Tri-State Cable station.
2002 *Post Gazette*, staff reporter, "Implantable Hearing Aids" (March 20, 2002)
2003 Ivanhoe Broadcast News, "Hearing Aid Advances" (March 2003)
2003 Physician's News Digest, "Clinical trials assess impact of directional hearing aids" (March, 2003)
2003 The Canada Council for the Arts (www.canadacouncil.ca), Natural History Radio; The Natural History of Sound Documentary Series (April, 2003)
2003 Announcing the Musician's Hearing Center, Post Gazette, City Paper, WTAE (TV 4)
2003 Hearing Protection for Musicians with Mary Anne VanDeVelde, WPXI (September, 2003)
2004 Becoming an Audiologist, interview with K. Fenton from Center Stage
2004 Ask and Expert Column: Do hearing aids help in noise?, New Pittsburgh Courier (July, 2004)
2005 How to Save Your Ears, (www.realsimple.com/realsimple/content/0,21770,1012179,00.html) Real Simple Magazine, Nina Willdorf, p. 38 (February 2005)
2005 Ivanhoe Broadcast News, "Hearing Protection for Instrumentalists" (April 2005)
2005 WJAS, one hour interview regarding the Musician's Hearing Center (May, 2005)
2005 UPMC Health Journal (Radio: 60): Hearing Loss. (August 2005)
2005 Classes, new devices can help, Tribune Review (October 2005)
2005 UPMC Health Journal (http://UPMCHealthJournal.com), Pittsburgh Post-Gazette (October 30, 2005)
2006 Stick it in your ear! Popularity of wireless ear pieces lessening the stigma of hearing aids, Post-Gazette (Linda Wilson Fuoco, January 25, 2006)
2006 Do iPod earbuds cause problems? Pittsburgh Post-Gazette (Timothy McNulty, February 8, 2006)
2006 Being a Steeler Fan can be Good for Your Health, Pittsburgh Post-Gazette (February 2006)
2006 What is new in hearing aids? Jewish Chronicle (March 2006)
2006 Speaking Up: Baby boomers aren't suffering hearing loss in silence (Bob Karlovits) Pittsburgh Tribune-Review (March 26, 2006)

2006 The din of dinner. (Marlene Parrish) Pittsburgh Post-Gazette (August 20, 2006)
2006 Checkups, Woman's Day Magazine (November, 2006)
2007 Connected: New device changes life of hearing-impaired, Pittsburgh Post-Gazette (October 9, 2007).
2007 Danger of Loud Toys, WTAE (December, 2007)
2007 NIHL Prevention for Student Musicians, Advance for Speech-Language Pathologists and Audiologists, 18(7), 7-9.
2008 Interview related to school-based program for musicians in the Advance for Audiologists (March, 2008)
2008 Danger of MP3 players, Channel 11 with Stacia Erdos (May 29, 2008)
2008 Understanding hearing health care, Post Gazette (July 30, 2008)
2008 Relearning How to Hear, Post Gazette by Pohla Smith (September 3, 2008)
2008 Hearing protection for student musicians: Pittsburgh School Program Works with Musicians' Hearing Center (Naquin Shafer), ASHA Leader, 13(13), September 23, 2008
2008 The Pittsburgh Educator (description of the hearing protection program in the schools) vol.1, no. 1 (Fall, 2008).
2008 Interview in InTune Magazine (Musicians' Center) (December, 2008)
2008 Interview in Upper St. Clair Magazine (Musicians' Center) (December, 2008)
2009 Training Yourself to Listen More Quietly in Men's Health (with Maria Masters) (May, 2009, p.80)
2009 Women's Health Magazine Interview (12/09, page 69).
2009 Training yourself to listen to quieter music, Men's Health Magazine interview (July, 2009)
2009 G-20 Summit: Polic use acoustic warfare to disperse crowds. www.comcast.net/articles/news-national/2009 1001/US Acoustic.warfare.protesters/
2009 The Art of Medical Cooperation. www.chronicle.pitt.edu/up-content/uploads/2009/11/chornicle11=16=091.pdf (X,31, 11/16/09)
2009 Steeler Super Bowl Tips, Protecting your hearing during the game, Shelley Duffy, KDKA (January 2009)
2010 WTAE Radio Interview with Jim Cunningham, "Beethoven's Hearing."
2010 CareADvantage: Alzheimer Magazine for Caregivers "Is it hearing loss? Only testing can tell." (Winter/Spring 2010, p.22-26)
2010 Focus on Hearing Protection, July/August 2010 Hearing Review Products, page14 (interview by Judy O'Rourke
2010 Noise-Induced hearing loss is completely preventable (Post Gazette, Katie Falloon, Wed, June 23, 2010). www.post-gazette.com/pg/10174/1067439-114.stm#ixzz0rhpp5Cko
2010 Facets Magazine, School of Health and Rehabilitation Sciences, interview about promoting community health through the Musicians' Hearing Center (interview by Lindy Kravec)
2011 On Topic: UPMC Center for Audiology
http://www.upmc.com/SERVICES/OTOLARYNGOLOGY/Pages/default.aspx

2011 KDKA Morning Show with Larry and John. Radio interview about noise induced hearing loss and children. (April 2011).
2011 Participated in the Eye and Ear Foundation Development Video focused on Hearing and Balance (April-May 2011).
2011 MP3 players and damage to the ears, story in the Greensburg Tribune-Review, interviewed by Stacey Federoff (November 24, 2011).
2011 TV interview for Channel 33, Mercer County, PA. (December 2011)

2012 MERP and UPMC Center for Audiology and Hearing Aids partner with Quota International of Hermitage to help prevent hearing loss in music students. Press release http://www.UPMCHorizon.com (January 2012)
2012 What? MERP is recycling hearing aids? Article appeared in the Greenville Record Argus, May 15, 2012.
2012 "Band told of harm to hearing" Sharpesville Herald, Mercer County (Joy Leiker reporter). August 21, 2012.
2012 "What we take for granted" Views and Voices, November 2012.
2012 "Sound Decision" Greenville News, September 2012.
2012 "Do you hear what I hear?" Sharon Herald, September 11, 2012.
2012 "The sound of freedom" Life and Times, September, 2012.
2012 Radio Interview on Froggy 95.1 (one hour talk show), September 13, 2012.
2012 Radio Interview on WPIC (1/2 hour talk show), September 13, 2012.
2013 Tribune Review, Firefighters exposed to harmful noise (Adam Brandoff), April 23, 2013
2013 New York Times, When Hearing Aids Won't Do (Judith Graham), June 12, 2013
2013 "Promoting interventional audiology" UPMC Marketing Video (December 10, 2013)
2013 UMass Alumni Newsletter, Remembering the NAIADS, December 6, 2013
2014 "Hearing Loss and Musicians" Rocket to the Stars www.rockettothestars.com (January, 2014)
2014 Pittsburgh Sports, interview (1/28/14) about the impact of hearing loss in the NFL (story focused on Derrick Coleman and the Super Bowl)
2014 Post Gazette, story about new "iPhone" hearing aids (April , 2014)
2014 City Paper, Musician's Health (June 18, 2014)
2014 San Jose Mercury News (Heather Somerville, reporter). Article on the Soundhawk ,hearing improvement technology (June 2014) www.mercurynews.com/News/ci_2602217/Soundhawk-secures-55M-to-start-selling
2014 Post-Trauma Interdisciplinary Outpatient Clinic with audiology featured: www.youtube.com/watch?v+niqkLFd2pTs
2014 Tribune Review, story about Pitt Football Player with hearing loss (Jerry Dipaola) http:/triblive.com/sports/college/pitt/6843831-74/blair-pitt-stroke#axzz3EEdU2wKM (September, 2014).
2014 Union Town Herald Standard (9/30/2014) interview about selecting hearing aids, being an educated consumer
2015 New Courier and Community PARTners, Esther Bush. Hearing…Don't take it for granted. (February 25, 2015).
2015 Medtech Insight, Heather Lindsey. Trends and technologies in hearing aids. (March 10, 2015).
2015 Post-gazette "High-fidelity earplugs preserve hearing by Laura Byko. http://www.post-gazette.com/new/health/2015/04/21/high-fidelity -earplugs-perserve-hearing/stories/201504060017 (April 21, 2015)
2015 Advance Magazine, Valerie Neff Newitt, What can audiologists do to help prevent hearing loss in patients? (May, 2015)
2015 Intune Monthly, Emile Menasche "Hearing protection outreach program" (May, 2015)
2016 ASHA Leader, Haley Blum "PSAPs" (January, 2016)
2016 We Practice What We Teach, FACETS (Spring/Summer 2016, Linda Kravec)
2016 Hear CARE. It's Not Just About Hearing, FACETS (Fall/Winter 2016, Linda Kravec)
2016 The Real World, FACETS (focus on HearUP program; Fall/Winter 2016, Linda Kravec)

2016 Our Pledge. Our Responsibility. Our Future. SHRS in the Community, FACETS (Fall/Winter, Linda Kravec)
2016 Tuned In: No. 1 Viewer Complaint: Loud Background Music, Rob Owen, Post Gazette, Pittsburgh, PA (4/22/2016) http://www.post-gazette.com/ae/tv-radio/2016/04/22/No-1-viewer-complaint-loud-background-music/stories/201604220042
2016 Women and Tinnitus, Shape Magazine (9/27/2016).
2016 PBS, Next Avenue (website) Living Well over 50: Hearing Loss and Treatment Options. (11/7/2016).
2016 Philadelphia Inquirer, Tom Avril (Health and Science Reporter), Hearing Loss and Cell Phones, published in the Sunday Help Section (December 2016).
2017 UPMC Blog re: CDC study: http://insideupmc.upmc.com/preventing-hearing-loss-realitvely-easy/
2017 UPMC Media Relations Newsroom page http://www.upmc.com/media/pages/default.aspx
2017 ASHA Leader – Out of the Booth (5/5/17)
2017 Philadelphia Inquirer Can't hear on your cellphone? Here's help. January 26, 2017
2017 Philadelphia Inquirer: http://ww.phillycom/philly/health/beyonce-pregnant-hearing-cochella-grammy-noise-prenatal.html
2017 Deer Creek Newspaper, Hearing Protection (10/12/17)
2017 Caregiver magazine. Hearing and Cognitive Decline. (10/21/17)
2017 Consumer Reports on Health – On Your Mind (Sari Harrar) Latest approaches to treating/living with tinnitus.
2017 Consumer Reports (Hallie Levine). Questions to ask before purchasing a hearing aid. (September 8, 2017).
2017 Consumer Reports (Hallie Levine). Hearing loss and Social Isolation. (10/10/17).
2018 ASHA Leader, Interview for Interventional Audiology, 2/2018.
2018 Community Connections, UPMC Senior Communities, UPMC Services Support Senior Communities Residents, Spring/Summer Magazine, 10-11.
2018 Sight and Sound, Eye and Ear Foundation Magazine, HearUP – to make sure nobody falls through the cracks, Carrie Fogel, 1, 5.
2018 Advice for graduates, Video, University of Pittsburgh office of the Chancellor, University of Pittsburgh, Pittsburgh, PA (April, 2018).
2018 Violinists lawsuit against opera house for hearing loss is heard around the orchestra world, Post Gazette, Jeremy Reynolds, Sunday April 15, 2018.
2018 prevention.com Earplugs for Sleep (June, 2018).
2018 UPMC On Topic – Protect Your Hearing (June, 2018)
2018 UPMC On Topic – Navigating Hearing Health Care (June, 2018)
2018 Men's Health Hearing Protection (October 9, 2018)
2018 AARP (Christina Ianzito) Self-fitting hearing aids (October 9, 2018)
2018 Consumer Reports: Hearing Screening (Hallie Levine). (12/13/2018)
2019 ABC News, hearing loss because of noise levels at the superbowl (2/3/2019) https://abcnews.go.com/beta-story-continer/health/protect-voice-hearing-damage-super-bowl-loud-events/story?id=60803704
2019 Expansion of hearing aid coverage for children and Medicaid adults, *The Hearing Journal* (2/15/2019)
2019 Consumer Reports Cover Story, What to know about tinnitus (Hallie Levine) (3/11/2019)
2019 Otolaryngology Research Update, Interventional Audiology: Clinical Advancements and New Research (interview, April, 2019)

2019 Headway Magazine, Audiology Services in a Survivorship Clinic (4/1/2019)
2019 Ken Leiser, Catholic Health World, OTC HAs (6/27/2019)
2019 Medtech Insight – online journal (interview 7/23/2019)
2019 SHRS Facets Magazine, History of the Audiology Program (interview, 7/2019)
2019 SHRS Faculty Spotlight Videos (7/26/2019)
2019 Hallie Levine, Consumer Reports, What hearing protection works at concerts? (8/12/2019)
2019 Vidya Rao, Robb Report (Lifestyle Magazine), Restaurant Noise (8/15/2019)
2019 Hallie Levine, Consumer Reports, Hearing Screening in Adults (8/27/2019)
2019 Kristen Fischer, Healthline, Hearing, dementia, depression, and falls (9/08/2019)
2019 Dr. Radio on SeriusXM, October is Audiology Awareness Month (9/25/19)
2019 AAA President's Video Message (10/19) www.audiology.org
2019 CQ Roll Call (Capital Hill newsletter), What audiologists think about medicare coverage of hearing aids and related services (11/18/19)
2019 Linkwell Health, BC/BS Hearing loss and health outcomes, Sue Treiman (11/3/2019) www.linkwellhealth.com
2019 AAA President's Video Message (12/19) www.audiology.org
2019 Interview for the "World is Listening" (p. 26-27) FACETS Magazine, SHRS 50th Anniversary (Fall/Winter 2019)
2020 Over the Counter Hearing Aids, Whitney Akers, HealthLine (1/13/2020)
2020 Expansion of Hearing Aid Coverage for Children and Medicaid Adults, Hearing Journal "Breaking News Blog" (2/21/2020)
2020 Social Isolation, Next Avenue, Kelsey Ogletree (3/19/2020)
2020 Social Isolation related to hearing loss and COVID-19, Dr. Radio, Sirius XM (4/15/2020)
2020 Why are my ears ringing? Prevention Magazine. www.prevention.com/health/a32691956/why-are-my-ears-ringing/ Lauren Krouse (5/28/2020)
2020 Lessons learned from COVID-19 Pandemic in Audiology, Catlin Nalley, Hearing Journal (6/23/2020)
2020 Healthy Hearing Interview, Hearing Loss and COVID-19, Temma Ehrenfeld (6/1/2020)
2020 Healthy Hearing Interview, CROS and BiCROS Solutions (7/20/2020)
2020 TV, WDVM 25 Hagerstown, MD, Fireworks and Hearing Loss, https://www.localdym.com/news/national/how-can-fireworks-cause -hearing-loss-an-audiologist-explains/ (7/2/2020)
2020 Radio, WTOP, What doctors want you to know about fireworks and hearing loss, https://wtop.com/health-fitness/2020/07/what-doctors-want-you-to-know-about -fireworks-and-hearing-loss/ (7/2/2020)
2020 Facets Magazine, University of Pittsburgh School of Health and Rehabilitation Sciences, Using simulation in audiology education (7/29/2020)
2020 Eleanor Cummins freelance writer (Popular Science, Vox, Vice, The Verge, The Atlantic), Communication breakdowns during the Pandemic (7/30/2020)
2020 COVID-19, Masks and Communication with Individuals with Hearing Loss, Consumer Reports (8/1/2020)
2020 Senior Living, COVID-19 and Social Isolation, Dr. Radio, Sirius XM (9/23/2020)
2020 Consumer Reports, Hallie Levine, Face Masks and Hearing Loss: 6 tips to help make communication easier (9/23/2020)

2020 HealthDay, Lockdown could worsen Hearing Woes for U.S. Seniors, Steven Reinberg, https://consumer.healthday.com/health-technology-information-18/hearing-aid-news-350/lockdown-could-worsen-hearing-woes-for-u-s-seniors-761513.html (9/29/2020)
2020 Web MD Lockdown could worsen hearing woes for US seniors https://webmd.com/healthy-aging/news/20200929/lockdown-could-worsen-hearing-woes-for-us-seniors (9/29/2020)
2020 Healthy Hearing Interview, Deprivation (10/1/2020)
2020 Psychology Today, Temma Ehrenfeld, Is it hard to hear people wearing masks? (10/2/2020)
2020 Associated Press, Jamie Stengle, Can you repeat that? Hearing trouble more obvious with masks (apnews.com) (11/24/2020)
2020 WebMD, Kyle Kirkland, What is mild hearing loss? (11/30/2020)
2020 The Association for the Advancement of Medical Instrumentation, Over the Counter Hearing Aids (11/20/2020)
2020 WebMD, Neha Kashyap, Can hearing aids cause vertigo? (12/1/2020)
2020 WebMD, Jacqueline Hensler, Bone conduction hearing aids without surgery (12/1/2020)
2020 WebMD, Neha Kashyap, Hearing aids for mild hearing loss (12/2/2020)
2020 WebMD, Kristen Gasnick, Why do people transition from hearing aids to cochlear implants? (12/2/2020)
2020 The Verge, Kait Sanchez, Hearing Loss and Masks (12/4/2020)
2021 Consumer Reports How to Fix Annoying Hearing Aid Problems - Consumer Reports (Hallie Levine) (3/01/2021).
2021 Healthline.com Prescription Hearing Aids Are Expensive. Could an OTC Option Help. (3/02/2021).
2021 WebMD Hearing Aid Style (03/09/2021).
2021 WebMD Support Groups (03/24/2021).
2021 New York Times Wirecutter Guide to over the counter hearing aids (Laurie Dragan) interview, 8/202, publication date in 2022).
2021 The Wall Street Journal New Hearing Aids, iPhone Apps and Tech Mean More Hearing-Loss Options—But Also New Struggles - WSJ (Julie Jargon) (3/27/2021)
2021 Reuters – evaluated the article: "Association of In-Ear Device Use With Communication Quality Among Individuals Wearing Personal Protective Equipment in a Simulated Operating Room" (4/19/2021).
2021 AARP How to Choose the Right Hearing Aid For You (aarp.org) (May 19, 2021)
2021 Associated Press "Hearing trouble more obvious with masks" (11/2021) (ran in + 24 outlets including television across the US).
2021 Business Insider. Finding the right hearing aid (Erika Klein) (11/2021).
2021 The Wall Street Journal Over-the-Counter Hearing Aids Are Coming. Here's How to Get Ready. - WSJ (12/13/2021).
2022 Eye and Ear Foundation Newsletter "Interventional Audiology Programs" (January, 2022).
2022 Forbes Health Best Hearing Aids From Audiologists Of 2022 – Forbes Health (Kim Schworm Acosta) (January, 2022).
2022 The Wall Street Journal (Amara Omeokwe) (January, 2022).
2022 MarketWatch, Why people don't get hearing aids (February, 2022)
2022 Everyday Health, Should people have hearing tests? (March, 2022)