

CARVER COLLEGE OF MEDICINE CURRICULUM VITAE

Richard S Tyler

September 2021

I. EDUCATIONAL AND PROFESSIONAL HISTORY

A. List of institutions attended

1971	(Science) - University of Windsor, Windsor, Ontario, Canada
1974	BS (Communication Disorders) - University of Western Ontario, London, Ontario, Canada
1975	MSc (Audiology) - University of Western Ontario, London, Ontario, Canada
1978	PhD (Psychoacoustics) - University of Iowa, Iowa City, Iowa, United States

Licensures

1986 - Present	State of Iowa Certificate of Licensure (Audiology, State of Iowa)
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Certifications

1985 - Present	Certificate of Clinical competence (Audiology), American Speech-Language-Hearing Association
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B. Professional Development Activities

C. Employment History

1978 - 1980	Staff Scientist Phychoacoustician/Audiologist Medical Research Council, Institute of Hearing Research, Nottingham, United Kingdom
1980 - 1981	Scientist-In-Charge, Nottingham Clinical Outstation Medical Research Council, Institute of Hearing Research, Nottingham, United Kingdom
1981 - 1984	Assistant Professor, Director of Audiology The University of Iowa, Department of Otolaryngology-Head and Neck Surgery, Department of Speech Pathology and Audiology
1984 - 1987	Associate Professor, Director of Audiology The University of Iowa, Department of Otolaryngology-Head and Neck Surgery, Department of Speech Pathology and Audiology
1987 - Present	Professor, Director of Audiology The University of Iowa, Department of Otolaryngology-Head and Neck Surgery, Department of Communications Sciences and Disorders

D. Honors, Awards, Recognitions, Outstanding Achievements

1970	Windsor Coaches Association Bursary
1973	Bursary - ATA Trucking Industry Education Foundation

1974	Faculty Association Scholarship - University of Western Ontario
1974	University Gold Medal - University of Western Ontario
1975	Special University Scholarship - University of Western Ontario
1979	Swedish Institute Guest Scholarship
1980	TS Littler Prize - British Society of Audiology
1981	Visiting Fellow Awards - Commission of the European Communities
1983	3M Faculty Grant
1986	Burrows Welcome Research Travel Grant
1986	NATO Collaborative Research Grant
1987	Visiting Research Fellow - MacQuarrie University, Australia
1988	Honorary Professor - Jinzhou Medical University, China
1988	Who's Who in Entertainment
1988	World Rehabilitation Fund International Exchange of Experts and Information in Rehabilitation (IEEIR) Fellowship
1989	Honorary Visiting Fellow in Audiology - MacQuarrie University, Australia
1994	American Tinnitus Association Special Recognition Award
2005	The National Academies Institute of Medicine Committee Member on Noise and Military Service: Implications for Hearing Loss and Tinnitus
2008	Editors Award - American Speech-Language and Hearing Association
2009	Invited member Food and Drug Administration: Ear, Nose and Throat Devices Advisory Panel
2009 - 2011	World Health Organization Panel on 'Burden of disease from environmental noise', Environmental noise and tinnitus
2011 - 2012	Committee for Revision of the Veterans Administration Schedule for Rating Disabilities (hearing loss and tinnitus; only non-VA member;)
2013	Consultant for USA Bureau of Consumer Protection, Federal Trade Commission
2016	Honorary Professorship for Contributions to Cochlear Implant field - Società di Medicina e Scienze Naturali di Università di Parma

II. TEACHING

A. Teaching assignments

Classroom, Seminar, Teaching Laboratory

2010-present	Music Apps, High-fidelity Sound and Hearing
1993-present	Basic Science: Tinnitus and Hyperacusis
1993-2014	Basic Science: Cochlear Implants; Implantable Hearing Aids
	Basic Science: Research, Publishing & Scientific Integrity
1993-present	Annual Seminar, Management of the Tinnitus & Hyperacusis Patient
1995-2006	Seminar in Audiology: Cochlear implants

	Speech and Hearing Processes Tinnitus
	Hearing Aids Models of Hearing
	Biomedical Engineering Seminar
	Seminars in Clinical Audiology Auditory
	Evoked Potentials Cochlear Implants
	Refresher Courses for Family Physicians
	Lectures on Aging in Bio-medical Engineering Department Audiology teaching to residents and staff
1996	Basic Science: Basic Acoustics /Psychoacoustics
1996	Basic Science: Cochlear Implants
1996	Basic Science: Research, Publishing & Scientific Integrity
1996	Basic Science: Tinnitus
1997	Basic Science: Basic Acoustics /Psychoacoustics
1997	Basic Science: Cochlear Implants
1997	Basic Science: Research, Publishing & Scientific Integrity
1997	Basic Science: Tinnitus
1997	Seminar in Audiology: Cochlear implants
1998	Basic Science: Basic Acoustics /Psychoacoustics
1998	Basic Science: Cochlear Implants
1998	Basic Science: Research, Publishing & Scientific Integrity
1998	Basic Science: Tinnitus
1999	Basic Science: Basic Acoustics /Psychoacoustics
1999	Basic Science: Cochlear Implants
1999	Basic Science: Research, Publishing & Scientific Integrity
1999	Basic Science: Tinnitus
1996 – 2000	Basic Science: Research, Publishing & Scientific Integrity
2000	Basic Science: Basic Acoustics /Psychoacoustics
2000	Basic Science: Cochlear Implants
2000	Basic Science: Research, Publishing & Scientific Integrity
2000	Basic Science: Tinnitus
2000	Seminar in Audiology: Tinnitus treatment
2001	Seminar in Audiology: Tinnitus treatment
2002	Basic Science: Basic Acoustics /Psychoacoustics
2002	Basic Science: Cochlear Implants
2002	Basic Science: Research, Publishing & Scientific Integrity
2002	Basic Science: Research, Publishing & Scientific Integrity
2002-2018	Basic Science: Tinnitus
2002	Tinnitus

2003	Basic Science: Basic Acoustics /Psychoacoustics
2003	Basic Science: Cochlear Implants
2003	Basic Science: Research, Publishing & Scientific Integrity
2003	Basic Science: Tinnitus
2005 – 2011	Tinnitus
2013 – 2018	Music Apps, High Fidelity Sound and Hearing Audiology teaching to residents and staff Auditory Evoked Potentials Basic Science for Otolaryngology Residents Biomedical Engineering Seminar Cochlear Implants Hearing Aids Hearing and Noise Introductory and Advanced Audiology Introductory and Advanced Hearing Science Lectures on Aging in Bio-medical Engineering Department Models of Hearing Refresher Courses for Family Physicians Seminars in Clinical Audiology Speech and Hearing Processes
2018	Hearing Loss and Tinnitus in Agriculture (Occupational Medicine)

Clinical Teaching

2004–present	Basic Science: Cochlear Implants Tinnitus, Implantable Hearing Aids
2013-present	Tinnitus and Hyperacusis Treatments
2010 – 2012	iPods, High-fidelity Music and Hearing

B. Student Supervision (* indicates chair of the committee)

Clinical Fellows

1988 – 1989*	Kazou Murai, MD - Pharmacology of Tinnitus <i>Visiting Fellow, Morioka, Iwate, Japan</i>
1988 – 1989*	James Stouffer - PhD - Tinnitus Stat <i>Residence, London, Ontario, Canada</i>
1990*	F Bergeron, MSc - Cochlear Implant Selection Criteria <i>Visiting Fellow, from Charlesbourg, Quebec, Canada</i>
1993*	Philippe Hubert - Cochlear Implants <i>Visiting Fellow, from Bordeaux, France</i>

1995 - 1996*	Zhengguo Zhang, PhD - Cochlear Implants in Children <i>Visiting fellow from Beijing, China</i>
1995 - 1996*	Rafael Quinonez - Iowa Cochlear Implant Clinical <i>visiting fellow, University of Iowa</i>
2000*	Richard Van Housel, PhD - Codependent Binaural Cochlear Implants <i>Visiting Fellow from The University of Melbourne, Australia</i>
2000 - 2001*	John Preece, PhD - Tinnitus and Cochlear Implants
2002	Shigeyo Nagase - Cochlear Implants <i>Visiting Fellow from Tokyo Medical University, Japan</i>
2004 - 2005*	Sang-Hee Park - Cochlear Implants <i>visiting Fellow from Korea</i>
2005*	William Noble, PhD - Binaural Hearing tinnitus <i>Visiting Fellow from the University of New England, Armidale, Australia</i>
2004 - 2006*	Claudia Coelho, MD - Hyperacusis <i>Visiting Fellow from Brazil</i>
2006 – 2007*	Pan Tao, MD - Cochlear Implants tinnitus <i>Visiting Fellow from People's Republic of China</i>
2007 – 2009*	Son Chang, MD - Cochlear Implants Tinnitus <i>visiting fellow from Korea</i>
2009 – 2011*	Monika Kordus, PhD - Cochlear Implants and hearing aids <i>visiting fellow from Poland</i>
2011 – 2015	Wenjia Dai, MD - Cochlear Implants <i>Visiting Fellow from China</i>
2015-2017	<i>Aniruddha Deshpande, PhD - Tinnitus</i>
2018-2019	<i>Patrica Mancini, PhD</i> Medical School, Universidade Federal de Minas Gerais, Brazil
2019-2020	Mohamad Salah Elgandy, MD Egypt

Graduate Students

Aaron Parkinson - Graduate - PhD
Passed

Ann Perreau - Graduate - PhD
Passed

Charissa Lansing - Graduate - PhD
Passed

Hua Ou - Graduate - PhD
Passed

John Preece - Graduate - PhD
Passed

K Kavanagh - Graduate - MSc
Passed

M Shailer - Graduate - MSc
Passed

Other

2005 – 2006 Inas Ramadan, MD - Cochlear Implants Tinnitus
Visiting Fellow from Egypt

2012 - 2015 Eveling Rojas, MD - Tinnitus
visiting Fellow from Columbia

C. Other Teaching Contributions

III. SCHOLARSHIP/PROFESSIONAL PRODUCTIVITY

A. Publications or creative works (earliest to most recent)

Peer-reviewed papers and journal articles

1. Tyler RS. Temporal integration and cochlear hearing loss, *Human Communication*. 1976;1:9-24.
2. Tyler RS, Small AM. Two-tone suppression in backward masking, *The Journal of the Acoustical Society of America*. 1977 July;62(1):215-218. doi: 10.1121/1.381489.
3. Tyler RS, Dalzell LE. Derived whole nerve action potentials in response to low frequency stimuli, *Human Communication*. 1977;2:159-168.
4. Yovetich WS, Booth JC, Tyler RS. The effect of dysfluencies on attention in stutterers and non stutterers, *Human Communication*. 1977;2:29-36.
5. Tyler RS, Small AM. Two tone suppression in backward masking, *Journal of the Acoustical Society of America*. 1977;62:215-218.
6. Small AM, Tyler RS. Additive masking effects of noise bands of different levels., *The Journal of the Acoustical Society of America*. 1978 March;63(3):894-904. PMID:670557.
7. Tyler RS. Unmasking Effects Produced by Combination Tones, *The Journal of the Acoustical Society of America*. 1978 December;64(6):1731-1732. doi: 10.1121/1.2033240.
8. Tyler RS, Small AM, Abbas PJ. Unmasking produced by combination tones., *The Journal of the Acoustical Society of America*. 1979 August;66(2):379-87. PMID:512201.
9. Tyler RS. Measuring hearing loss in the future., *British journal of audiology. Supplement*. 1979 November;2: 29-40. PMID:294303.

10. Tyler RS, Coles R, Haggard MP. Tinnitus Research and Treatment; The Role of the Institute of Hearing Research, Tinnitus Association. 1979.
11. Tyler RS. Combination tones and unmasking., *Hearing research*. 1980 June;2(3-4):357-68. PMID:7410240.
12. Tyler RS, Wood EJ. A comparison of manual methods for measuring hearing levels., *Audiology : official organ of the International Society of Audiology*. 1980;19(4):316-29. PMID:7378026.
13. Tyler RS, Fernandes MA, Wood EJ. Masking, temporal integration and speech intelligibility in listeners with noise induced hearing loss, Academic Press. 1980.
14. Tyler RS, Summerfield AQ. Psychoacoustical and phonetic measures of temporal processing in normal and hearing impaired listeners, Delft University Press. 1980.
15. Shailer MJ, Tyler RS, Coles RR. Critical masking bands for sensorineural tinnitus., *Scandinavian audiology*. 1981;10(3):157-62. PMID:7302523.
16. Tyler RS. Invited discussant, Tinnitus. 1981:136-137.
17. Tyler RS, Lindblom B. Preliminary study of simultaneous-masking and pulsation-threshold patterns of vowels, *The Journal of the Acoustical Society of America*. 1982 January;71(1):220-223. doi: 10.1121/1.387354.
18. Tyler RS, Wood EJ, Fernandes M. Frequency resolution and hearing loss., *British journal of audiology*. 1982 February;16(1):45-63. PMID:7055654.
19. Tyler RS, Fernandes MA, Wood EJ. Masking of pure tones by broad-band noise in cochlear-impaired listeners., *Journal of speech and hearing research*. 1982 March;25(1):117-24. PMID:7087412.
20. Tyler RS. Reger, Scott N.1901–1982, *The Journal of the Acoustical Society of America*. 1982 August;72(2):644-644. doi: 10.1121/1.388151.
21. Tyler RS, Conrad-Armes D. Spontaneous acoustic cochlear emissions and sensorineural tinnitus., *British journal of audiology*. 1982 August;16(3):193-4. PMID:7171874.
22. Tyler RS, Summerfield Q, Wood EJ, Fernandes MA. Psychoacoustic and phonetic temporal processing in normal and hearing-impaired listeners., *The Journal of the Acoustical Society of America*. 1982 September;72(3):740-52. PMID:7130532.
23. Hall JW, Tyler RS, Fernandes MA. Monaural and binaural auditory frequency resolution measured using bandlimited noise and notched-noise masking., *The Journal of the Acoustical Society of America*. 1983 March;73(3):894-8. PMID:6841815.
24. Tyler RS, Conrad-Armes D. The determination of tinnitus loudness considering the effects of recruitment., *Journal of speech and hearing research*. 1983 March;26(1):59-72. PMID:6865383.
25. Tyler RS, Baker LJ. Difficulties experienced by tinnitus sufferers., *The Journal of speech and hearing disorders*. 1983 May;48(2):150-4. PMID:6621006.
26. Tyler RS, Conrad-Armes D. Tinnitus pitch: a comparison of three measurement methods., *British journal of audiology*. 1983 May;17(2):101-7. PMID:6626779.
27. Tyler RS, Baker LJ, Armstrong-Bednall G. Difficulties experienced by hearing-aid candidates and hearing-aid users., *British journal of audiology*. 1983 August;17(3):191-201. PMID:6357328.
28. Tyler RS, Wood EJ, Fernandes M. Frequency resolution and discrimination of constant and dynamic tones in normal and hearing-impaired listeners., *The Journal of the Acoustical Society of America*. 1983 October;74(4):1190-9. PMID:6643841.

29. Tyler RS, Smith PA. Sentence identification in noise and hearing-handicap questionnaires., *Scandinavian audiology*. 1983;12(4):285-92. PMID:6665513.
30. Tyler RS, Holland SJ, Harker LA, Gantz BJ. The relationship between pure tone thresholds and psychoacoustical tuning curves in the hearing impaired: Preliminary findings, Springer-Verlag. 1983.
31. Hall JW, Tyler RS, Fernandes MA. Factors influencing the masking level difference in cochlear hearing-impaired and normal-hearing listeners., *Journal of speech and hearing research*. 1984 March;27(1):145-54. PMID:6717000.
32. Tyler RS, Conrad-Armes D. Masking of tinnitus compared to masking of pure tones., *Journal of speech and hearing research*. 1984 March;27(1):106-11. PMID:6716994.
33. Tyler RS, Conrad-Armes D, Smith PA. Postmasking effects of sensorineural tinnitus: a preliminary investigation., *Journal of speech and hearing research*. 1984 September;27(3):466-74. PMID:6482416.
34. Tyler RS, Hall JW, Glasberg BR, Moore BC, Patterson RD. Auditory filter asymmetry in the hearing impaired., *The Journal of the Acoustical Society of America*. 1984 November;76(5):1363-8. PMID:6512098.
35. Kavanagh KT, Harker LA, Tyler RS. Auditory brainstem and middle latency responses. I. Effect of response filtering and waveform identification. II. Threshold responses to a 500-HZ tone pip., *The Annals of otology, rhinology & laryngology. Supplement*. 1984;108:1-12. PMID:6421220.
36. Kavanagh KT, Harker LA, Tyler RS. Auditory brainstem and middle latency responses. I. Effect of response filtering and waveform identification. II. Threshold responses to a 500-HZ tone pip., *The Annals of otology, rhinology & laryngology. Supplement*. 1984;108:1-12. PMID:6421220.
37. McCabe BF, Tyler RS, Gantz BJ, Lowder MW, Otto SR, Preece JP. Preliminary assessment of the Los Angeles, Vienna and Melbourne cochlear implants., *Acta oto-laryngologica. Supplementum*. 1984;411:247-53. PMID:6596849.
38. Tyler RS, Lowder MW, Otto SR, Preece JP, Gantz BJ, McCabe BF. Initial Iowa results with the multichannel cochlear implant from Melbourne., *Journal of speech and hearing research*. 1984 December;27(4):596-604. PMID:6549200.
39. Gantz BJ, Tyler RS, McCabe BF, Preece J, Lowder MW, Otto SR. Iowa cochlear implant clinical project: results with two single-channel cochlear implants and one multi-channel cochlear implant., *The Laryngoscope*. 1985 April;95(4):443-9. PMID:3838565.
40. Gantz BJ, Tyler RS. Cochlear implant comparisons., *The American journal of otology*. 1985 November;Suppl:92-8. PMID:3878092.
41. Tyler RS, Gantz BJ, McCabe BF, Lowder MW, Otto SR, Preece JP. Audiological results with two single channel cochlear implants., *The Annals of otology, rhinology, and laryngology*. 1985;94(2 Pt 1):133-9. PMID:3838870.
42. Summerfield Q, Foster J, Tyler R, Bailey PJ. Influences of formant bandwidth and auditory frequency selectivity on identification of place of articulation in stop consonants, *Speech Communication*. 1985;4:213-229.
43. Gantz BJ, Tyler RS, McCabe BF, Preece JP, Lowder MW, Otto SR. Initial results with two single channel cochlear implants, Raven Press. 1985.
44. Tyler RS. Book Review: *Artificial Auditory Stimulation Theories* Artificial Auditory Stimulation Theories Keidel W. D. and Finkenzeller P., eds. Hard cover, 58 illustrations, indexed, 151 pages, 1984. Karger, Basel, Switzerland, \$75., *Annals of Otology, Rhinology & Laryngology*. 1986 January;95(1):109-109. doi: 10.1177/000348948609500124.

45. Tyler RS. Book Review: Hearing Science: Recent Advances Hearing Science: Recent Advances BerlinC., ed. Speech, Language, and Hearing Science Series, Daniloff Raymond G., editor-in-chief. Hard cover, illustrated, indexed, 477 pages, 1984. College-Hill Press, San Diego, \$49.50., Annals of Otolology, Rhinology & Laryngology. 1986 March;95(2):214-214. doi: 10.1177/000348948609500229.
46. Report of the Ad Hoc Committee on Cochlear Implants., ASHA. 1986 April;28(4):29-52. PMID:3754752.
47. Tyler RS, Preece JP, Lansing CR, Otto SR, Gantz BJ. Previous experience as a confounding factor in comparing cochlear-implant processing schemes., Journal of speech and hearing research. 1986 June;29(2):282-7. PMID:3755194.
48. Tyler RS. Book Review: The Auditory Brainstem ResponseThe Auditory Brainstem ResponseJacobsonJohn T., ed. Hard cover, illustrated, indexed, 415 pages, 1985. San Diego, College Hill Press, \$39.50., Annals of Otolology, Rhinology & Laryngology. 1986 July;95(4):437-437. doi: 10.1177/000348948609500427.
49. Tyler RS, Tye-Murray N. Frequency resolution measured by adaptively varying the notch width: Results from normals and hearing impaired, Plenum Press. 1986:323-330.
50. Tyler RS, Davis JM, Lansing CR. Cochlear implants in young children., ASHA. 1987 April;29(4):41-9. PMID:3580030.
51. Bentler RA, Tyler RS. Tinnitus management., ASHA. 1987 May;29(5):27-32. PMID:3593456.
52. Lusk RP, Tyler RS. Hazardous sound levels produced by extracorporeal shock wave lithotripsy., The Journal of urology. 1987 June;137(6):1113-4. PMID:3586138.
53. MacAllister C, Qualls C, Tyler R, Root CR. Multiple myeloma in a horse., Journal of the American Veterinary Medical Association. 1987 August;191(3):337-9. PMID:3654300.
54. LaMarte FP, Tyler RS. Noise-induced tinnitus., AAOHN journal : official journal of the American Association of Occupational Health Nurses. 1987 September;35(9):403-6. PMID:3650081.
55. McCabe BF, Tyler RS. An international test battery for cochlear implant patients., Acta oto-laryngologica. 1987;103(5-6):637-9. PMID:3618193.
56. Gantz BJ, McCabe BF, Tyler RS. Use of multichannel cochlear implants in obstructed and obliterated cochleas., Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery. 1988 January;98(1):72-81. PMID:3124055.
57. Tye-Murray N, Tyler RS. A critique of continuous discourse tracking as a test procedure., The Journal of speech and hearing disorders. 1988 August;53(3):226-31. PMID:3294503.
58. Tyler RS. Open-set word recognition with the Duren/Cologne extracochlear implant., The Laryngoscope. 1988 September;98(9):999-1002. PMID:3412098.
59. Gantz BJ, Tyler RS, Knutson JF, Woodworth G, Abbas P, McCabe BF, Hinrichs J, Tye-Murray N, Lansing C, Kuk F. Evaluation of five different cochlear implant designs: audiologic assessment and predictors of performance., The Laryngoscope. 1988 October;98(10):1100-6. PMID:3172957.
60. Tyler RS. Open-set word recognition with the 3M/Vienna single-channel cochlear implant., Archives of otolaryngology--head & neck surgery. 1988 October;114(10):1123-6. PMID:3415819.
61. Tyler RS, Iler-Kirk K, Tye-Murray N. Simultaneous and forward masking patterns of a formant transition, Academic Press. 1988:440-447.

62. Tyler RS. The auditory representation of vowels as inferred from psychoacoustical masking patterns, *Journal of Phonetics*. 1988;16:125-137.
63. Tyler RS. Book Review: *Rehabilitative Audiology: Children and Adults* Rehabilitative Audiology: Children and Adults Alpiner Jerome G. and McCarthy Patricia A., editors. Hard cover, illustrated, indexed, 533 pages, 1987. Williams & Wilkins, Baltimore, \$36.50., *Annals of Otology, Rhinology & Laryngology*. 1989 April;98(4):322-322. doi: 10.1177/000348948909800418.
64. Kuk FK, Tyler RS, Rustad N, Harker LA, Tye-Murray N. Alternating current at the eardrum for tinnitus reduction., *Journal of speech and hearing research*. 1989 June;32(2):393-400. PMID:2786979.
65. Tyler RS, Kuk FK. The effects of "noise suppression" hearing aids on consonant recognition in speech-babble and low-frequency noise., *Ear and hearing*. 1989 August;10(4):243-9. PMID:2619801.
66. Tye-Murray N, Tyler RS. Auditory consonant and word recognition skills of cochlear implant users., *Ear and hearing*. 1989 October;10(5):292-8. PMID:2792582.
67. Tyler RS, Stouffer JL, Schum R. Audiological rehabilitation of the tinnitus client, *Journal of the Academy of Rehabilitative Audiology*. 1989;22:30-42.
68. Tye-Murray N, Tyler RS, Bong B, Nares T. Computerized laser videodisc programs for training speechreading and assertive communication behaviors, *Journal of the Academy of Rehabilitative Audiology*. 1989;21:143-152.
69. Tyler RS, Tye-Murray N, Moore BC, McCabe BF. Synthetic two-formant vowel perception by some of the better cochlear-implant patients., *Audiology : official organ of the International Society of Audiology*. 1989;28(6):301-15. PMID:2532003.
70. Tyler RS, Moore BC, Kuk FK. Performance of some of the better cochlear-implant patients., *Journal of speech and hearing research*. 1989 December;32(4):887-911. PMID:2601319.
71. Preece JP, Tyler RS. Temporal-gap detection by cochlear prosthesis users., *Journal of speech and hearing research*. 1989 December;32(4):849-56. PMID:2601315.
72. Tyler RS, Tye-Murray N, Otto SR. The recognition of vowels differing by a single formant by cochlear-implant subjects., *The Journal of the Acoustical Society of America*. 1989 December;86(6):2107-12. PMID:2532227.
73. Tyler RS. Speech perception with the nucleus cochlear implant in children trained with the auditory/verbal approach., *The American journal of otology*. 1990 March;11(2):99-107. PMID:2321696.
74. Tyler RS, He NJ. Audiology in China., *ASHA*. 1990 May;32(5):40-2, 95. PMID:2337424.
75. Tye-Murray N, Lowder M, Tyler RS. Comparison of the F0F2 and F0F1F2 processing strategies for the Cochlear Corporation cochlear implant., *Ear and hearing*. 1990 June;11(3):195-200. PMID:2358129.
76. Kuk FK, Tyler RS. Relationship between consonant recognition and subjective ratings of hearing aids., *British journal of audiology*. 1990 June;24(3):171-7. PMID:2364189.
77. Tyler RS, Kelsay D. Advantages and disadvantages reported by some of the better cochlear-implant patients., *The American journal of otology*. 1990 July;11(4):282-9. PMID:2399950.
78. Stouffer JL, Tyler RS. Characterization of tinnitus by tinnitus patients., *The Journal of speech and hearing disorders*. 1990 August;55(3):439-53. PMID:2381186.

79. Tye-Murray N, Purdy SC, Woodworth GG, Tyler RS. Effects of repair strategies on visual identification of sentences., *The Journal of speech and hearing disorders*. 1990 November;55(4):621-7. PMID:2232743.
80. Kuk FK, Tyler RS, Gantz BJ, Bertschy M. Relationships among loudness indexes in cochlear-implant patients., *Archives of otolaryngology--head & neck surgery*. 1990 November;116(11):1320-4. PMID:2242264.
81. Tyler RS, Kuk FK. Consonant recognition and quality judgments of noise-reduction hearing aids., *Acta oto-laryngologica. Supplementum*. 1990;469:224-9. PMID:2356731.
82. Tye-Murray N, Tyler RS, Lansing CR, Bertschy M. Evaluating the effectiveness of auditory training stimuli using a computerized program, *Volta Review*. 1990;92(1):25-30.
83. Kuk FK, Tyler RS, Gantz BJ, Bertschy M. Intensity operating range measures as predictors of word-recognition ability in cochlear implant subjects., *Scandinavian audiology*. 1990;19(3):139-45. PMID:2237253.
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86. Kuk FK, Tyler RS, Russell D, Jordan H. The psychometric properties of a tinnitus handicap questionnaire., *Ear and hearing*. 1990 December;11(6):434-45. PMID:2073977.
87. Tyler RS, Tye-Murray N, Gantz BJ. Aural rehabilitation., *Otolaryngologic clinics of North America*. 1991 April;24(2):429-45. PMID:1857621.
88. Stouffer JL, Tyler RS, Kileny PR, Dalzell LE. Tinnitus as a function of duration and etiology: counselling implications., *The American journal of otology*. 1991 May;12(3):188-94. PMID:1882967.
89. Speech-perception aids for hearing-impaired people: current status and needed research. Working Group on Communication Aids for the Hearing-Impaired., *The Journal of the Acoustical Society of America*. 1991 August;90(2 Pt 1):637-83. PMID:1939883.
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92. Tyler RS. What can we learn about hearing aids from cochlear implants?, *Ear and hearing*. 1991 December;12(6 Suppl):177S-186S. PMID:1794644.
93. Tyler RS, Lowder MW. Audiological management and performance of adult cochlear-implant patients., *Ear, nose, & throat journal*. 1992 March;71(3):117-22, 125-8. PMID:1572270.
94. Tye-Murray N, Tyler RS, Woodworth GG, Gantz BJ. Performance over time with a nucleus or Ineraid cochlear implant., *Ear and hearing*. 1992 June;13(3):200-9. PMID:1397761.
95. Dauman, R. & Tyler, R. S. (1993). Tinnitus suppression in cochlear implant users. *Advances in Oto-Rhino-Laryngology*, 48: 168-73.
96. Fryauf-Bertschy H, Tyler RS, Kelsay DM, Gantz BJ. Performance over time of congenitally deaf and postlingually deafened children using a multichannel cochlear implant., *Journal of speech and hearing research*. 1992 August;35(4):913-20. PMID:1405546.

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D. Grants

Cochlear implants

3M Faculty Grant

1983

\$10,000

Percent effort: 5

Tyler, Richard (Principal Investigator)

Testing the Better Cochlear Implant Patients

Welcome Research Travel Grant

1986

\$3,365

Tyler, Richard (Principal Investigator)

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1982

\$30,000

Tyler, Richard (Principal Investigator)

Cochlear Implants

Lions Clubs International Foundation

1982

\$30,000

Tyler (Principal Investigator)

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1983

\$30,000

Tyler, Richard (Principal Investigator)

Development of audiovisual tests

University of Iowa Video Production Fund

1983

\$5,000

Tyler, Richard (Principal Investigator)

Council on Teaching

University of Iowa

1984

\$3,500

Tyler, Richard (Principal Investigator)

Development of tapes for laser videodisc

University of Iowa Video Production Fund

1984

\$2,500
Tyler, Richard (Principal Investigator)

Masking

American Tinnitus Association
1984
\$6,500
Percent effort: 10%
Tyler, Richard (Principal Investigator)

Study of tinnitus in elderly

University of Iowa Aging Seed
1984
\$5,000
Percent effort: 5%
Tyler, Richard (Principal Investigator)

International Test Battery for Cochlear Implant Patients

Collaborative Research Grants Programme, NATO
1985
\$3,200
Tyler, Richard (Principal Investigator)

Electrical Stimulation of Tinnitus

3M/Biosciences
1986
\$9,850
Percent effort: 5 %
Tyler, Richard (Principal Investigator)

Flecainide on Tinnitus

3M/Riker Company
1986
\$7,000
Percent effort: 5%
Tyler, Richard (Principal Investigator)

Laser video audiovisual training materials

Easter Seal Foundation
1986
\$23,300
Percent effort: 5%
Tye-Murray (Principal Investigator), Tyler, Richard (Co-Investigator)

Teaching Lipreading

Council on Teaching Univ of Iowa
1986
\$695

Tyler, Richard (Principal Investigator)

Videotaped speech perception training program for Cochlear implant and hearing impaired patients

University of Iowa Video Production Fund

1986

\$2,500

Tyler, Richard (Principal Investigator)

Audiovisual speech perception training tapes

University of Iowa Video Production Fund Grant

1987

\$2,500

Tyler, Richard

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1987

\$32,000

Tyler, Richard (Principal Investigator)

Cochlear implants in children

Children's Miracle Network Telethon

1987

\$5,000

Tyler, Richard (Principal Investigator)

Computer based auditory training materials

Deafness Research Foundation

1987

\$12,500

Percent effort: 5%

Tye-Murray, Richard (Principal Investigator), Lansing (Principal Investigator), Tyler, Richard (Co-Investigator)

Laser video audiovisual training materials

Easter Seal Foundation

1987

\$25,000

Percent effort: 5%

Tye-Murray (Principal Investigator), Tyler, Richard (Co-Investigator)

Validation of a Tinnitus Handicap Questionnaire

HSR&D Veterans Administration

1987

\$7,410

Percent effort: 5%

Jordan, Tyler, Richard (Co-Investigator)

Binaural phase effects for the masking of tinnitus

American Tinnitus Association

1988

\$9,600

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1988

\$34,000

Tyler, Richard (Principal Investigator)

Cochlear implants in children

Children's Miracle Network Telethon

1988

\$4,180

Tyler, Richard (Principal Investigator)

Computer-based auditory training materials

Deafness Research Foundation

1988

\$15,000

Percent effort: 5%

Tye-Murray (Principal Investigator), Lansing (Principal Investigator), Tyler, Richard (Co-Investigator)

Laser-video audiovisual training materials

Easter Seal Foundation

1988

\$24,834

Percent effort: 5%

Tye-Murray, Tyler, Richard (Co-Investigator)

New noise-suppression circuit

Siemens Corp

1988

\$7,000

Percent effort: 3%

Kuk, F (Principal Investigator), Tyler, Richard (Co-Investigator)

Video lipreading tests to evaluate the performance of cochlear implants and new hearing aids

University of Iowa Video Production Fund

1988

\$2,500

Percent effort: 5%

Tyler, Richard

Evaluation of a programmable hearing aid

Widex Hearing Aid Company

1989

\$5,000

Kuk (Principal Investigator), Tyler, Richard (Co-Investigator)

Validation for the efficacy of a multi memory programmable hearing aid

U.S. Department of Education

1989

\$50,000

Percent effort: 10%

Kuk (Principal Investigator), Tyler, Richard (Co-Investigator)

Cochlear Implants Projects & Psycho-acoustics

National Institutes of Neurological and Communicative Disorders and Strokes

1985 - 1990

\$4,051,318

Percent effort: 90%

Gantz (Principal Investigator), Tyler, Richard (Principal Investigator)

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1989 - 1990

\$35,000

Tyler, Richard

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1990 - 1991

\$35,000

Tyler, Richard (Principal Investigator)

Electrical Suppression of Tinnitus

French Ministry of Research & Technology Senior Scientist Fellowship

1991

\$18,000

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Electrical Suppression of Tinnitus in Cochlear Implant Patients

American Tinnitus Association

1991

\$10,000

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Hearing-aid research

Iowa Lions Sight and Hearing Foundation

1991

\$700

Percent effort: 1%

Schum, don (Principal Investigator), Tyler, Richard (Co-Director)

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1991 - 1992

\$35,000

Tyler, Richard (Principal Investigator)

Cochlear implants

Iowa Lions Sight and Hearing Foundation

1992 - 1993

\$29,000

Tyler, Richard (Principal Investigator)

Hearing Tests

Central Investment Fund for Research Enhancement (CIFRE)

1993

\$695

Tyler, Richard (Principal Investigator)

Cochlear Implants

Iowa Lions Sight and Hearing Foundation

1993 - 1994

\$26,500

Tyler, Richard (Principal Investigator)

Cochlear Implants

National Institute of Deafness & Other Communication Disorders

1990 - 1995

\$8,788,056

Percent effort: 55%

Gantz (Principal Investigator), Tyler, Richard (Principal Investigator)

Cochlear Implants

Iowa Lions Sight and Hearing Foundation

1994 - 1995

\$26,500

Tyler, Richard (Principal Investigator)

Cochlear Implants

Lions Clubs International Foundation

1995 - 1996

\$36,000

Tyler, Richard (Principal Investigator)

Cochlear Implant Conference

Department of Health & Human Services National Deafness and Other Communication Disorders Advisory Council

May 1998 - August 1998

\$25,000

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Cochlear Implants

National Institute of Deafness & Other Communication Disorders

1995 - 2000

\$6,029,496

Percent effort: 60%

Gantz (Principal Investigator), Tyler, Richard (Principal Investigator)

Cochlear Implants

Iowa Lions Sight and Hearing Fnd

2000

\$35,100

Percent effort: 2%

Tyler, Richard (Principal Investigator)

Newborn Hearing Screening

Children's Miracle Network

2000

\$8,750

Tyler, Richard (Principal Investigator)

Electrical Stimulation for Tinnitus Suppression

Braintronics Inc

February 1999 - January 2001

\$120,000

Percent effort: 5%

Rubenstein (Principal Investigator), Tyler, Richard (Co-Investigator)

Electrical Suppression of Tinnitus

Tinnitus Research Consortium

2000 - 2002

\$299,801

Percent effort: 10%

Ruben-Stein (Principal Investigator), Tyler, Richard (Co-Investigator)

The Effectiveness of Tinnitus Retraining Therapy

American Tinnitus Association

2000 - 2002

\$93,500

Percent effort: 10%
Tyler, Richard (Principal Investigator)

Research Training Program in Otolaryngology
NIDCD

1993 - 2003
\$156,240
Percent effort: 5%
Gantz (Principal Investigator), Tyler, Richard (Principal Investigator)

Cochlear Implants

Iowa Lions Sight and Hearing Fnd
2002 - 2003
\$35,100
Percent effort: 2%
Tyler, Richard (Principal Investigator)

A Pilot Study and the Development of a Grant Application for Tinnitus Treatment
Obermann center for Advanced Studies (University of Iowa)

2003
\$12,000
Percent effort: 5%
Tyler, Richard (Principal Investigator)

Iowa Cochlear Center Project IV

NIDCD DC00242-12
2001 - 2006
\$7,575,000
Percent effort: 55%
Gantz (Principal Investigator), Tyler, Richard (Principal Investigator)

Music Therapy for Tinnitus

American Tinnitus Association
2003 - 2006
\$101,395
Percent effort: 5%
Tyler, Richard (Principal Investigator)

Optimized Conditioned Processing for Cochlear Implants

NIH RFA-DC-04-001
2005 - 2007
\$99,778
Percent effort: 5%
Rubenstein (Principal Investigator), Tyler, Richard

Bilateral Benefit in Adults using HiRes 120 and Auria+ Sound Processor

Advanced Bionics Corporation
2006 - 2007

\$40,000
Percent effort: 5%
Tyler, Richard (Principal Investigator)

Speech Processor Optimization for Cochlear Implants

University of Washington, Seattle

2006 - 2007

\$98,310

Percent effort: 5%

Rubenstein (Principal Investigator), Tyler, Richard (Co-Principal)

Randomized Trial of Tinnitus Retraining Therapy

NIH R01 DC005972-01A1

2004 - 2009

\$1,700,000

Percent effort: 35%

Tyler, Richard (Principal Investigator)

Zinc to Treat Tinnitus in the Elderly

Tinnitus Research Initiative

2007 - 2009

\$120,638

Percent effort: 10%

Tyler, Richard (Principal Investigator)

Post-Stimulus Reduction in Tinnitus with Electricity

Tinnitus Research Initiative

2009

\$119,850

Percent effort: 10%

Tyler, Richard (Principal Investigator)

Iowa Cochlear Center Project V

NIDCD DC00242-12

2006 - 2011

\$7,575,000

Percent effort: 10%

Gantz (Principal Investigator), Tyler, Richard (Principal Investigator)

Iowa Cochlear Implant Clinical Research: Binaural

National Institutes of Health (NIH)

2006 - 2011

\$1,622,969

Percent effort: 40%

Tyler, Richard (Principal Investigator)

A Randomized, Double-Blind, Placebo-Controlled, Clinical Evaluation of the Efficacy, Safety and Tolerability of Neramexane in Patients with Subjective Tinnitus

Merz Pharmaceuticals GmbH

2010 - 2011

\$74,145

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Identification of Stimulus Parameters for Electrical Suppression of Tinnitus

Royal National Institute for Deaf People (RNID)

2009 - 2012

\$68,265

Percent effort: 5%

Tyler, Richard

Pre-Stimulus Reduction in Tinnitus with Electricity

RNID

2009 - 2012

\$215,349

Percent effort: 20%

Tyler, Richard (Principal Investigator)

Clinical Trial of Tinnitus Suppression Therapy

SoundCure

2011 - 2012

\$30,250

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Lipo-Flavonoid for Tinnitus

DSE Healthcare Solutions, LLC

2011 - 2012

\$11,250

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Reliability of the Minimum Masking Level as Outcome Variable in Tinnitus Clinical Research

Auris Medical

2010 - 2013

\$52,000

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Identification of Stimulus Parameters for Electrical Suppression of Tinnitus

Cochlear Americas

2009 - 2014

\$15,000

Percent effort: 5%

Tyler, Richard (Principal Investigator)

Identification of Stimulus Parameters for Cochlear Electrical Suppression of Tinnitus
Tinnitus Research Initiative
2010 - 2014
\$45,000
Percent effort: 5%
Tyler, Richard (Principal Investigator)

Sound Therapy for tinnitus
Widex
2013 - 2014
\$30,000
Percent effort: 5%
Tyler, Richard (Principal Investigator)

Iowa Cochlear Implant Clinical Research Center, Project VI
NIH/NIDCD
2012 - 2017
\$1,000,000
Percent effort: 3%
Gantz (Principal Investigator), Tyler, Richard (Co-Principal)

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX new grants

E. Presentations

- 1979 Stockholm University.
- 1979 University of Keele.
- 1979 University of Southampton Institute of Sound and Vibration Research.
- 1980 Cambridge University.
- 1980 University College.

- 1980 Fifth International Symposium on Hearing. Tyler, R.
- 1981 Boys Town Institute for Communication Disorders. Tyler, R.
- 1981 Electroacoustic Institute. Tyler, R.
- 1981 Ciba Foundation Symposium 85 on Tinnitus. Tyler, R.
- 1981 Working Conference on Uses of Computers in Aiding the Disabled. Tyler, R.

- 1982 3M Corporation. Tyler, R.
- 1982 University of Illinois. Tyler, R.
- 1982 University of Minnesota. Tyler, R.

1982 University of Western Ontario. Tyler, R.

1982 Second International Meeting on Tinnitus. Tyler, R.

1983 Cambridge University. Tyler, R.

1983 MRC Institute of Hearing Research. Tyler, R.

1983 University College of London. Tyler, R.

1983 University of Vienna. Tyler, R.

1983 Von Bekesy Society. Tyler, R.

1983 Sixth International Symposium on Hearing. Tyler, R.

1983 Workshop of Temporal Processing in the Hearing Impaired. Tyler, R.

1983 Workshop on Tinnitus and Cochlear Implants. Tyler, R.

1984 3M Corporation. Tyler, R.

1984 Eaton Peabody Laboratory. Tyler, R.

1984 Glenrose Hospital. Tyler, R.

1984 Siouxland Medical Education Foundation, Inc. Tyler, R.

1984 Auditory Evoked Potentials: Clinical Applications Workshop. Tyler, R.

1984 First Clinical Workshop for Multichannel Cochlear Implants. Tyler, R.

1984 Recent Advances in Technology for the Hearing Impaired, Deafness Research Association. Tyler, R.

1984 Scott Reger Conference on Sensorineural Hearing Loss. Tyler, R.

1984 Workshop on Speech Processing in Cochlear Implants. Tyler, R.

1984 Workshop on Tinnitus and Cochlear Implants, Alberta Speech and Hearing Association.

1984 Neurology Association of Edmonton. *An Introduction on Cochlear Implants.*

1984 Seminar on Cochlear Implants, Massachusetts Eye and Ear Hospital.

1985 Cambridge University.

1985 MRC Institute of Hearing Research. Tyler, R.

1985 University of Rochester Medical Center. Tyler, R.

1985 XIII World Congress of Otorhinolaryngology. Tyler, R.

1985 Iowa Speech Language Hearing Association Annual Convention.

1985 NATO Conference on Noise Induced Hearing Loss. Tyler, R.

1985 Tactile Communication Conference. Tyler, R.

1985 *Cochlear Implant.* Tyler, R.

1985 *Cochlear Implants in Children.* Tyler, R.

1985 Iowa Teachers of the Hearing Impaired Conference. *Keynote address.*

1985 Wisconsin Speech and Hearing Association. *Overview of Cochlear Implants.* Tyler, R.

1985 Iowa Department of Public Instruction. *Update on Cochlear Implants.*

1986 Ear International. Tyler, R.

1986 Northwestern University. Tyler, R.

1986 NATO Conference on Frequency Resolution. Tyler, R.

1986 NYU Medical School Conference on Cochlear Implants. Tyler, R.

1986 Iowa Parents of Hearing impaired Children. *Cochlear Implants*. Tyler, R.

1987 Evaluation of Cochlear Implant Patients – British Society of Audiology.

1987 National Acoustics Laboratory. Tyler, R.

1987 University of Auckland. Tyler, R.

1987 University of Melbourne, Australia. Tyler, R.

1987 Auditory Evoked Potentials: Clinical Applications Workshop. Tyler, R.

1987 International Cochlear Implant Symposium. Tyler, R.

1987 International Conference on Cochlear Implants. Tyler, R.

1987 Third International Tinnitus Seminar. Tyler, R.

1987 Profound Deafness Study Group. *Cochlear Implants for Adults*. Tyler, R.

1987 Iowa Department of Public Instruction. *Cochlear Implants in Children*.

1987 NSW Branch Scientific Meeting, Australian Audiology Society. *Cochlear Implants in Children*. Tyler, R.

1987 Australian Tinnitus Association. *Differences Among Tinnitus Patients*.

1987 Gordon Research Conference. *Psychophysics of Cochlear Implants*.

1987 Sydney Linguistics Circle. *Speech Perception by the Profoundly Deaf*.

1988 Beijing Institute of Otolaryngology. Tyler, R.

1988 Boys Town National Institute. Tyler, R.

1988 City University of New York. Tyler, R.

1988 International Congress of Audiology. Tyler, R.

1988 Jinzhou Medical University. Tyler, R.

1988 8th International Symposium on Hearing: Basic Issues in Hearing.

1988 *New Technologies for Communication in the Hearing Impaired*. Tyler, R.

1989 Hearing Research and Diagnostic Clinic. Tyler, R.

1989 MacQuarie University. Tyler, R.

1989 MRC Institute of Hearing Research. Tyler, R.

1989 National Acoustics Laboratory. Tyler, R.

1989 University of Melbourne, Australia. Tyler, R.

1989 Academy of Aural Rehabilitation. *Aural Rehabilitation of the Tinnitus Patient*. Tyler, R.

1989 *Clinical Development in Cochlear Implants*. Tyler, R.

1989 *Clinical Protocols for Cochlear Implant Patients*. Tyler, R.

1989 Engineering Foundation. *Speech Perception with Different Cochlear Implants*. Tyler, R.

1990 Institut des sourds de Charlesbourg. Tyler, R.

1990 Seattle Area Tinnitus Forum. Tyler, R.

1990 CHABA, National Academy of Sciences. *Presbycusis, A broad overview.*

1991 Canadian Speech, Language & Hearing Association. Tyler, R.

1991 Iwate Medical University. Tyler, R.

1991 Japanese Audiological Society. Tyler, R.

1991 Conference on Implantable Auditory Prosthesis. Tyler, R.

1991 IVth International Tinnitus Seminar. Tyler, R.

1991 Otolaryngology Continuing Education Conference. Tyler, R.

1991 *Speech Perception for the Hearing Impaired: Implications for Hearing Aid Technology.* Tyler, R.

1992 Australian Audiological Society. Tyler, R.

1992 British Columbia Speech & Hearing Association. Tyler, R.

1992 Manitoba Speech & Hearing Association. Tyler, R.

1992 Minnesota Speech & Hearing Association. Tyler, R.

1992 Phonak Laboratories. Tyler, R.

1992 Conference on Paediatric Cochlear Implants. Tyler, R.

1992 International Cochlear Implant Symposium. Tyler, R.

1992 XXI International Congress on Audiology. Tyler, R.

1993 3rd International Cochlear Implant Conference. Tyler, R.

1993 French Congress on Audiology. Tyler, R.

1993 McGill Seminar Series. *Normal & Impaired Aspects of Phonology & Morpho-Syntax.* Tyler, R.

1994 International Hearing Aid Society. Tyler, R.

1994 5th Symposium on Cochlear Implants in Children. Tyler, R.

1994 Marmara Medical Days Conference. Tyler, R.

1994 Mid-South Conference, National Student Speech-Language and Hearing Association. Tyler, R.

1995 Association for Research in Otolaryngology. Tyler, R.

1995 International Course on the Habilitation of Profound Hearing Loss in Children. Tyler, R.

1995 National Collegium of Rehabilitation Audiology. Tyler, R.

1995 The Eriksholm Consensus Conference. Tyler, R.

1996 Association for Research in Otolaryngology. Tyler, R.

1996 National Institute of Special Education. Tyler, R.

1996 Tokyo Medical College Hospital. Tyler, R.

1996 International Conference of ACFOS: Neurosciences and Early Deafness.

1996 International Conference on Hearing Screening, Diagnosis, & Management of the Hearing-Impaired Child. Tyler, R.

- 1996 IVth Seminar on Audiology and Phoniatic. Tyler, R.
- 1996 Sixth Symposium on Cochlear Implants in Children. Tyler, R.
- 1996 The First Asia Pacific Symposium on Cochlear Implant and Related Sciences. Tyler, R.
- 1996 Third European Symposium on Paediatric Cochlear Implantation.
- 1996 XXIIIrd International Congress of Audiology. Tyler, R.
- 1997 Iowa Speech-Language-Hearing Association. Tyler, R.
- 1997 10th Annual Hearing Aid Seminar.
- 1997 American Academy of Audiology 9th Annual Conference.
- 1997 British Cochlear Implant Spring Academic Meeting.
- 1997 Colorado Hearing Foundation Otology-Audiology Conference.
- 1997 Oberman Seminar Series. Tyler, R.
- 1997 Vth International Cochlear Implant Conference.
- 1997 West Coast Conference American Academy of Audiology. Tyler, R.
- 1998 Cochlear Implants Audiology Conference.
- 1998 European Pediatric Cochlear Implant Conference.
- 1998 Mayo Clinic Symposium.
- 1999 6th International Tinnitus Seminar.
- 1999 Illinois Audiology Meeting.
- 1999 Pacific Congress on Cochlear Implants.
- 2000 Cochlear Implant 2000.
- 2000 Pediatric Cochlear Implant Conference.
- 2000 *Electronic Implants and Hearing Aids.*
- 2001 Asilomar 2001 Conference. *Binaural Cochlear Implants.*
- 2001 The University of Montreal. *Brain Plasticity.*
- 2001 International Conference in Speech/Language Pathology. *Cochlear Implant Rehabilitation.*
- 2001 3rd Congress of Asia Pacific Symposium on Cochlear Implant and Related Science. *New Speech Coding Strategies.*
- 2001 Consensus on Auditory Implant. *Selection Criteria.*
- 2001 Canadian Academy of Audiology. *Tinnitus Management.*
- 2001 5th European Federation of Audiology Societies. *Will Cochlear Implants Replace Hearing Aids?*
- 2002 Cochlear Implant Conference. *Cochlear Implants in Children.*
- 2002 National Hearing Conservation Meeting. *Legal Aspects of Tinnitus.*
- 2002 Ohio Academy of Audiology. *Treating Tinnitus.*
- 2003 American Academy of Audiology. *Approaches to Tinnitus Treatment.*
- 2003 National Research Council. *How Tinnitus Can Affect Work.*

2003 Appalachian Spring Conference. *Management of the Tinnitus Patient.*

2003 Annual Cairo University Otolaryngology Conference. *Tinnitus.*

2003 Colorado Audiology-Otology Conference. *Tinnitus Update.*

2004 European Investigator's Conference. *Signal Processing for Binaural Implants.*

2004 Iowa Speech Language Hearing Association 2004 Annual State Convention. *The Future of Cochlear Implants in Children and Adults.*

2005 Workshop on Tinnitus, University of Montreal.

2005 University of Manchester. *Bilateral issues for cochlear implants and hearing aids.*

2005 Haifa Medical Center. *Fitting cochlear implants.*

2005 McMaster University Seminar. *Measuring Tinnitus.*

2006 University of Montreal and Laval University.

2006 ATA Meeting.

2006 CI 2006 Conference.

2006 Colorado Audiology-Otology Conference.

2006 Tinnitus Treatments, University of Western Ontario.

2007 11th International Conference on Cochlear Implants.

2007 2nd Tinnitus Research Initiative Meeting.

2007 AAA Annual Convention.

2007 Tinnitus Conference.

2008 10th International Conference on Cochlear Implants.

2008 11th International CI Conference.

2008 Audiology NOW! 2008.

2008 IX International Tinnitus Seminar.

2008 XI Symposium on Cochlear Implants.

2009 American Auditory Society.

2009 12th International Symposium on Cochlear Implants.

2009 2009 Colorado Mid Winter Meeting.

2009 Cochlear Celebration 2009.

2009 Tinnitus Research Initiative Meeting.

2010 IHCON.

2010 Colorado Mid-Winter Meeting.

2010 Tinnitus Focus Group.

2010 Tinnitus Research Initiative Conference.

2010 Tinnitus Talks.

2011 MN Academy of Audiology.

2011 13th Symposium on CI.

2011	Centers for Medicare and Medicaid Services: Cochlear Implants for Sensorineural Hearing Loss.
2012	Invited Speaker, Seville Spain.
2012	French Tinnitus Conference, Bordeaux, France.
2012	Indiana University School of Medicine, Indianapolis/Carmel, IN.
2013	International Collegium for Rehabilitative Audiology, Denmark.
2013	ISHA Convention. Des Moines, IA.
2013	Manitoba Speech and Hearing Association, Winnipeg, MB, Canada.
2014	Hearing Innovation Expo, American Otology Society meeting, Las Vegas, NV.
2014	The International Tinnitus Workshop, Beijing, China.
2015	European Federation of Audiology Associations, Congress Istanbul, Turkey.
2016	Invited Speaker, Presented on Tinnitus and Cochlear Implant, Rome, Italy.
2016	New England Hearing Healthcare Conference Hosted by the Massachusetts Hearing Society.
2017-2021	120 more presentations.....

IV. SERVICE

A. Memberships in Professional Organizations

Academy of Rehabilitative Audiology

Acoustical Society of America

Alberta Ministry Of Health

Alexander Graham Bell Association

American Academy of Audiology

American Auditory Society

American Speech Language Hearing Association

American Tinnitus Association

Association for Research in Otolaryngology

British Society of Audiological Scientists

British Society of Audiology

British Tinnitus Society

Canadian Speech and Hearing Association

Committee for Revising Veterans Administration Schedule for Rating Disabilities (hearing loss and tinnitus; only non-VA member)

International Society of Audiology

Medical Research Council, Canada
 National Institutes Of Health, National Institute Of Deafness And Other Communicative Disorders
 National Science Foundation
 New York Academy of Science
 Royal National Institute for the Deaf
 Scientific Advisory Committee of the American Tinnitus Association
 Sigma Xi
 Swiss National Science Foundation
 Veterans Administration Medical Center, Department of Audiology and Speech Pathology

B. Professional Service

1993 - 2003 University Council on Speech Pathology and Audiology

Associate Editor

1991 - 1994 Audiology

Board Member

1984 - 1985 American Speech-Language-Hearing Association Committee on Cochlear Implants

1986 - 1989 The American Academy of Otolaryngology – Head & Neck Surgery Subcommittee on cochlear implants

Board Member, member of committee to evaluate hearing and vision testing in the military

1985 National Research Council

Board, Member, member of Committee on Hearing, Bioacoustics and Biomechanics (CHABA WG 95), committee on communication aids for the hearing impaired

1985 - 1987 National Research Council

Chair

1981 - 1984 Research Committee, Department of Otolaryngology – Head & Neck Surgery

1984 - 1985 Doctoral Student Search Committee, Department of Speech Pathology and Audiology

1985 - 1986 Guest Lecturer Committee, Department of Speech Pathology and Audiology

1987 - 1989 Space Committee, Department of Otolaryngology – Head & Neck Surgery

1991 International Hearing Aid Conference

1985 - 1992 Bioengineering Facility Advisory Committee, Faculty of Medicine

1992 Assistive Devices for the Hearing Impaired

1993 Management of the Tinnitus Patient

1993 Second International Hearing Aid Conference

1992 - 1994 Guest Speaker Committee, Department of Speech Pathology and Audiology

1994 Audiological Management of the Elderly

1994 Management of the Tinnitus Patient

1995 Management of the Tinnitus Patient

1995 Third International Hearing Aid Conference

1996 Fourth Annual Conference on Management of the Tinnitus Patient

1996 International Conference on Hearing Screening, Diagnosis and Management of Hearing Impaired Children

1997	Fifth Annual Conference on Management of the Tinnitus Patient
1997	International Hearing Aid Conference IV
1998	The 6th Annual Management of the Tinnitus Patient
1999	International Hearing Aid Conference V
1999	The 7th Annual Management of the Tinnitus Patient
2000	Binaural Hearing, Hearing Loss, Hearing Aids and Cochlear Implants
2000	The 8th Annual Management of the Tinnitus Patient
2001	International Hearing Aid Conference VI
2001	The 9th Annual Conference on Management of the Tinnitus Patient
2002	The 10th Annual Conference on Management of the Tinnitus Patient
2003	The 11th Annual Conference on Management of the Tinnitus Patient
2004	The 12th Annual Conference on Management of the Tinnitus Patient
2005	The 13th Annual Conference on Management of the Tinnitus Patient
2006	The 14th Annual Conference on Management of the Tinnitus Patient
2007	The 15th Annual Conference on Management of the Tinnitus Patient
2008	The 16th Annual Conference on Management of the Tinnitus Patient
2009	The 17th Annual Conference on Management of the Tinnitus Patient
2010	The 18th Annual Conference on Management of the Tinnitus Patient
2011	The 19th Annual Conference on Management of the Tinnitus Patient
2012	The 20th Annual Conference on Management of the Tinnitus Patient
2013	The 21st Annual Conference on Management of the Tinnitus Patient
1988 - Present	Resident Research Committee, Department of Otolaryngology – Head & Neck Surgery

Chair Person

1983 - 1984	Computer Committee, Department of Otolaryngology – Head & Neck Surgery
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Chairman (elected)

1999 - 2000	Scientific Advisory Committee of the American Tinnitus Association
2003 - 2006	Scientific Advisory Committee of the American Tinnitus Association

Co-Chair

2005	International Binaural Symposium 2005
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Co-organizer

1982	Auditory Brainstem Response Update
1984	Auditory Brainstem Response Update
1989	International Meeting on Cochlear Implants

Committee Member

1987	Program Committee for American Speech-Language-Hearing Association Convention
1988 - 1990	American Speech-Language-Hearing Association Committee on Aural Rehabilitation
1988 - 1990	Engineering Research Conference on Cochlear Implants – Planning Committee
1991	Planning Committee, IVth International Tinnitus Convention
1991	Research Needs of Oral Auditory Hearing-Impaired Persons, National Institute of Deafness and other Communication Disorders
1991	Scientific Programme Committee, IVth International Tinnitus Seminar (Tinnitus 91),
1992	Executive Committee, SHHH National Convention
1992	Planning Committee, Meeting on Cochlear Implants: American Speech-Language-Hearing Association
1995 - 1996	Association for Research in Otolaryngology Midwinter Meeting Organizing Committee

Committee on Field Clinics

1984 - 1985 Department of Otolaryngology – Head Neck Surgery

Consultant

1986 - 2001 Veterans Administration Medical Center, Department of Audiology and Speech Pathology

Consulting Editor

1989 - 1991 Audiology in Practice

Editorial Board

1989 - 1991 Journal of Auditory Communication
1990 - 1995 Journal of the American Academy of Audiology
1995 American Journal of Otology
1995 American Tinnitus Association Scientific Advisory Committee Chairperson

Editorial Consultant

2004 - 2015 The Australian & New Zealand Journal of Audiology

Hearing Coordinator

1983 - 2015 Basic Science Course, Department of Otolaryngology – Head & Neck Surgery

Investigator

1986 - 1989 Veterans Administration Planning Committee on a Cooperative Study on Cochlear Implants

Manuscript Reviewer

Annals of Otolaryngology, Rhinology and Laryngology
Archives of Otolaryngology-Head & Neck Surgery
Audiology
Cochlear Implants International: An Interdisciplinary Journal
Ear and Hearing
IEEE Transaction on Rehabilitation Engineering
Journal of Experimental Psychology
Journal of Speech and Hearing Disorders
Journal of Speech and Hearing Research
Journal of the Acoustical Society of America
The New England Journal of Medicine

Member

1973- American Speech Language Hearing Association
1974-1990 Acoustical Society of America
1975 Canadian Speech and Hearing Association
1979-1981 British Society of Audiology
1980 - 1981 British Society of Audiological Scientists
1980 - 1981 British Tinnitus Society
1980 - 1981 Royal National Institute for the Deaf
1981 American Tinnitus Association
1982 American Auditory Society
1982 International Society of Audiology
1982 - 1984 New York Academy of Science
1986 Alexander Graham Bell Association
1987 Academy of Rehabilitative Audiology
1988 American Academy of Audiology
1984 - 1993 Sigma Xi
1998 International Society of Audiology
1996 - 1999 Scientific Advisory Committee of the American Tinnitus Association
2006 - 2007 Scientific Advisory Committee of the American Tinnitus Association

1982 - Present	Association for Research in Otolaryngology
2011 - 2014	Committee for Revising Veterans Administration Schedule for Rating Disabilities (hearing loss and tinnitus; only non-VA member)

Overseas Editor

1991	The Australian Journal of Audiology
1996	British Journal of Audiology
1999	Cochlear Implants International

Reviewer, Grant Proposals

Alberta Ministry Of Health
 Medical Research Council, Canada
 National Institutes Of Health
 National Institutes Of Health, Deafness And Other Communicative Disorders
 National Science Foundation
 Swiss National Science Foundation

C. Community Service

Relevant Public or Community Involvement

National

2009 - 2011	World Health Organization, Burden of disease for environmental noise and tinnitus, Board of Advisors
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Local

2011 - 2012	Veterans Administration, Committee for Revision of the Veterans Administration, Iowa City, Iowa, Committee Assignment
2016 - 2017	U.S Federal and Drug Administration, Ear, Nose & Throat Devices Panel, Center for Devices and Radiological Health, Iowa City, Iowa, Consultant
1998	Seventh Symposium on Cochlear Implants in Children, Co-Chairperson

D. Clinical assignments since last promotion (if applicable)

2000 - Present	Outpatient, <i>Tinnitus and Hyperacusis Group Session, 1 day/month</i>
2000 - Present	Individual Counseling – including Teleconferencing, <i>Tinnitus Clinic, 1-5 hours/week</i>
2015 - Present	Tinnitus and Hyperacusis Outpatients, <i>Tinnitus Clinic, 1/2 day/week</i>