

CURRICULUM VITAE

Karen Iler Kirk

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EDUCATIONAL AND PROFESSIONAL HISTORY

Education

- 1991 Ph.D., Hearing Science, The University of Iowa
- 1987 M.S., Speech Science and Technology, University of Southern California
- 1980 M.A., Speech and Hearing Science, University of California, Santa Barbara
- 1978 B.A., Speech Pathology & Audiology, University of California, Santa Barbara

Licensure and Certification

American Speech-Language-Hearing Association Certificate of Clinical Competence,
Speech-Language Pathology

Indiana Speech-Language Pathology License #22002346

PROFESSIONAL AND ACADEMIC POSITIONS

- 2014- Shahid and Ann Carlson Khan Professor and Head, Department of Speech and Hearing Science, University of Illinois, Urbana-Champaign
- 2009-2013 Professor, Dept. of Communication Sciences and Disorders, The University of Iowa
- 2009-2013 Professor, Dept. of Otolaryngology-Head and Neck Surgery, The University of Iowa
- 2005-2009 Professor, Dept. of Speech, Language and Hearing Sciences, Purdue University
- 2005-2009 Adjunct Professor, Dept. of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine
- 2002-2005 Full Member, Faculty of the University Graduate School, Indiana University
- 1999-2005 Psi Iota Xi Scholar in Pediatric Speech and Hearing, Dept. of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine

- 1997-2005 Assistant-to-Associate Professor, Cognitive Science Program, Dept. of Psychology, Indiana University
- 1995-2005 Assistant-to-Associate Professor, Dept. of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine
- 1994-2005 Adjunct Assistant-to-Associate Professor, Dept. of Speech and Hearing Sciences, Indiana University, Bloomington
- 1993-1995 Assistant Scientist, Dept. of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine
- 1992-1993 Adjunct Assistant Professor, Dept. of Speech Pathology and Audiology, The University of Iowa
- 1991-1993 Assistant Research Scientist, Dept. of Otolaryngology, Head and Neck Surgery, The University of Iowa
- 1987-1990 Teaching and Research Assistant, Dept. of Speech Pathology and Audiology, University of Iowa
- 1981-1985 Research Associate, House Ear Institute, Los Angeles, CA
- 1980-1981 Speech-Language Pathologist, Buford Ave. Elementary School, Lennox, CA
- 1978-1980 Teaching Assistant, University of California, Santa Barbara

HONORS AND AWARDS

- 2014 King James McCristal Distinguished Scholar Award, College of Applied Health Sciences, University of Illinois, Urbana-Champaign
- 2014 Shahid and Ann Carlson Khan Professorship, University of Illinois, Urbana-Champaign
- 2008 NIH/American Auditory Society Mentored Doctoral Student Research Award (Mentor to Vidya Ganesh, PhD student)
- 2007 Seeds for Success Award, Purdue University
(Given to PIs of external grant awards in excess of \$1,000,000)
- 2007 Fellow, American Speech-Language-Hearing Association
- 2005 Editor's Award, best paper in the Hearing Section, Journal of Speech, Language and Hearing Research
- 1999-2005 Psi Iota Xi Scholar in Pediatric Speech and Hearing, Department of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine
- 1991 Elected to Sigma Xi, The Scientific Research Society

- 1987-1990 Graduate In-Training Assistantship, University of Iowa
- 1986-1987 Morkovin Fellowship, University of Southern California
- 1978-1980 Graduate In-Training Assistantship, University of California, Santa Barbara
- 1978 Magna cum laude, University of California, Santa Barbara

MEMBERSHIPS

American Speech-Language-Hearing Association
American Auditory Society
American Cochlear Implant Alliance

SCHOLARSHIP

Publications or Creative Works

Books - Refereed

Young, N. (Ed) and Kirk, K. I. (Co-Ed.) (in press). *Pediatric Cochlear Implantation: Learning and the Brain*. NY: Springer Publishing.

Niparko, J.K. (Ed), *Kirk, K. I., Robbins, A. M., Mellon, N. K., Tucci, D. L., Wilson, B. S. (Co-Eds.) (2009). *Cochlear Implants: Principles and Practices, Second Edition*. Philadelphia: Lippincott Williams & Wilkins.

National Research Council. (2005). R. A. Dobie & S. B. Van Hemel (Eds.). Hearing Loss: Determining Eligibility for Social Security Benefits. Committee on Disability Determination for Individuals with Hearing Impairments. Board on Behavioral, Cognitive, and Sensory Sciences, Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press. (*Committee Member and contributor)

Niparko, J. K., *Kirk, K. I., Mellon, N. K., Robbins, A. M., Tucci, D. L. & Wilson, B. S. (Eds.) (2000). Cochlear Implants: Principles and Practices. Philadelphia: Lippincott Williams & Wilkins.

Book Chapters - Invited

- Kirk, K.I., Uhler, K. and Gifford, R. (in press). Assessing spoken word recognition in children with cochlear implants. In L. S. Eisenberg (Ed.), Clinical Management of Children with Cochlear Implants, Second Edition. San Diego: Plural Publishers.
- Kirk, K. I. and Hudgins, M. (in press). Speech perception and spoken word recognition in children with cochlear implants. In Young, N. (Ed) and Kirk, K. I. (Co-Ed.) (in press). Pediatric Cochlear Implantation: Learning and the Brain. NY: Springer Publishing.
- Miyamoto, R.T., Miyamoto, C. R., & Kirk, K. I. (2014). Cochlear implants in children. In C. D. Bluestone, J. P. Simons, & G. B. Healy (Eds), Pediatric Otolaryngology, 5th Edition, (pp.). Shelton, Connecticut: PMPH-USA.
- *Kirk, K. I., & Choi, S. (2009). Clinical Investigations of Cochlear Implant Performance. In J. K. Niparko (Ed.), Cochlear Implants: Principles and Practice, Second Edition, (pp. 191-222). Philadelphia: Lippincott Williams & Wilkins.
- *Kirk, K.I., French, B., Choi, S. (2009). Assessing spoken word recognition in children with cochlear implants. In L. S. Eisenberg (Ed.), Clinical Management of Children with Cochlear Implants, (pp. 215-250). San Diego: Plural Publishers.
- Miyamoto, R.T., & *Kirk, K.I. (in press). Cochlear implants and other implantable auditory prostheses. The Laryngoscope.
- Miyamoto, R. T. & ***Kirk, K. I. (2004). Cochlear implants in children. In R. K. Jackler & D. E. Brackmann (Eds.), Neurotology, 2nd Edition, (pp. 1315-1322). Philadelphia, PA: Elsevier.
- Miyamoto, R. T. & ***Kirk, K. I. (2003) Cochlear implants. In J. J. Ballenger & J. B. Snow, Jr. (Eds.) Ballenger's Otorhinolaryngology Head and Neck Surgery, 16th Edition, (pp. 476-488). Ontario, Canada: BC Decker, Inc.
- Miyamoto R. T. & ***Kirk K. I. (2002). Cochlear implants in children. In C.D. Bluestone & S. E. Stool (Eds.) Pediatric Otolaryngology, 4th Edition, (pp. 808-816). Philadelphia: Saunders.
- Miyamoto, R. T., ***Kirk, K. I. & Svirsky, M. A. (2002) Rationale for early cochlear implantation in congenitally deaf children. In T. Kubo, Y. Takahashi & T. Iwaki (Eds.), Cochlear Implants – An Update. (329-331). The Hague, The Netherlands: Kugler Publications.
- Miyamoto, R. T., ***Kirk, K. I. (2001) Cochlear implants and other implantable auditory prostheses. In B.J. Bailey(Ed.), Head and Neck Surgery-Otolaryngology.(3rd Ed., Vol.2, pp.1949-1960). Philadelphia: Lippincott Williams & Wilkins.
- Miyamoto, R. T., *Kirk, K. I. & Eisenberg, L. S. (2001) Cochlear implants in congenitally deaf children. In M. Pensak (Ed.), Controversies in Otolaryngology. (pp. 422-428) New York: Thieme Medical Publishers.
- Chin, S. B. & **Kirk, K.I. (2000). Consonant feature production in children with multi channel cochlear implants, hearing aids and tactile aids. In S. Waltzman & N. Cohen (Eds.), Cochlear Implants (pp. 309-310). New York: Thieme Medical Publishers.

- *Kirk, K. I. (2000). Challenges in the clinical investigation of cochlear implant outcomes. In J. K. Niparko (Ed), and K. I. Kirk, N. K. Mellon, A. M. Robbins, D. L. Tucci, & B. S. Wilson (Co-Eds.), Cochlear Implants: Principles and Practices (pp. 225-259). Philadelphia: Lippincott Williams & Wilkins.
- *Kirk, K. I., Pisoni, D. B. & Miyamoto, R. T. (2000). Lexical discrimination by children with cochlear implants: Effects of age at implantation and communication mode. In S. Waltzman & N. Cohen (Eds.), Cochlear Implants (pp. 252-254). New York: Thieme Medical Publishers.
- Miyamoto, R. T., ***Kirk, K. I., Renshaw, J. J., Hussain, D. M. & Sehgal, S. T. (2000). Cochlear implantation in auditory neuropathy. In C. S. Kim, S. O. Chang & D. Lim (Eds.), Updates in Cochlear Implantation. Advances in Oto-Rhino-Laryngology (Vol. 57, pp. 160-161). Basel: Karger.
- Miyamoto, R. T., *Kirk, K. I., Svirsky, M. A. & Sehgal, S. T. (2000). Longitudinal communication skill acquisition in pediatric cochlear implant recipients. In C. S. Kim, S. O. Chang & D. Lim (Eds.), Updates in Cochlear Implantation. Advances in Oto-Rhino-Laryngology (Vol. 57, pp. 212-214). Basel: Karger
- Sehgal, S. T., *Kirk, K. I., Pisoni, D. B. & Miyamoto, R. T. (2000). Effect of residual hearing on children's speech perception abilities with a cochlear implant. In S. Waltzman & N. Cohen (Eds.), Cochlear Implants (pp. 219-221). New York: Thieme Medical Publishers.
- Miyamoto, R. T. & **Kirk, K. I., (1999). Controversies in cochlear implantation: Technical and surgical considerations. In R. T. Cotton & C. M. Meyer III (Eds.), Practical Pediatric Otolaryngology (pp. 329-340). Philadelphia: Lippincott Raven Publishers.
- Miyamoto, R. T., ***Kirk, K. I. & Robbins, A. M. (1998). Pediatric cochlear implantation. In A. K. Lalwani & K. M. Grundfast (Eds.), Pediatric Otolaryngology and Neurotology (pp. 595-605). Philadelphia: Lippincott Raven Publishers.
- Miyamoto, R. T. & ***Kirk, K. I. (1998). Cochlear implants. In F. Bess (Ed.), Children with Hearing Impairment: Contemporary Trends (pp. 261-276). Nashville, TN: Vanderbilt Bill Wilkerson Center Press.
- Miyamoto, R. T. & ***Kirk, K. I. (1998). Cochlear implants. In B.J. Bailey (Ed.), Head and Neck Surgery - Otolaryngology (2nd ed., pp. 2235-2245). Philadelphia: Williams & Wilkins.
- *Kirk, K. I., Diefendorf, A. O., Pisoni, D. B. & Robbins, A. M. (1997). Assessing speech perception in children. In L. Mendel & J. Danhauer (Eds.), Audiologic Evaluation and Management and Speech Perception Assessment (pp. 101-132). San Diego: Singular Publishing Group, Inc.
- Miyamoto, R. T., *Kirk, K. I., Robbins, A. M., Todd, S. L., Riley, A. I. & Pisoni, D. B. (1997). Speech perception and speech intelligibility of children with multi-channel cochlear implants. In I. Honjo & H. Takahashi (Eds.), Cochlear Implant and Related Sciences Update. Advances in Oto-Rhino-Laryngology (Vol. 52, pp. 198-203). Basel: Karger.

- Miyamoto, R. T., Robbins, A. M., **Kirk, K. I. & Wagner-Escobar, M. (1997). Aural rehabilitation. In G. Hughes & M. Pensak (Eds.), Clinical Otology (2nd ed., pp. 395-405). New York: Thieme Medical Publishers.
- Osberger, M. J., Robbins, A. M., Todd, S. L., Riley, A. I., **Kirk, K. I. & Carney, A. E. (1996). Cochlear implants and tactile aids for children with profound hearing impairment. In F. Bess, J. Gravel, & A. M. Tharpe (Eds.), Amplification for Children with Auditory Deficits (pp. 283-307). Nashville: Vanderbilt Bill Wilkerson Center Press.
- *Kirk, K. I., Diefendorf, E. C., Riley, A. I. & Osberger, M. J. (1995). Consonant production by children with multi-channel cochlear implants or hearing aids. In A. S. Uziel & M. Mondain (Eds.), Cochlear Implants in Children. Advances in Oto-Rhinolaryngology (Vol. 50, pp. 154-159). Basel: Karger.
- Tye-Murray, N., **Kirk, K. I. & Woodworth, G. (1994). Speaking with the cochlear implant turned on and off. In I. J. Hochmair-Desoyer & E. S. Hochmair (Eds.), Advances in Cochlear Implants (pp. 552-556). Wein: Manz.
- Fryauf-Bertschy, H. & *Kirk, K. I. (1992). The child at school. In N. Tye-Murray (Ed.), Cochlear implants and children: A handbook for parents, teachers, and speech and hearing professionals (pp. 25-40). Washington, D.C.: Alexander Graham Bell Association for the Deaf.
- Tyler, R. S., **Kirk, K. I. & Tye-Murray, N. (1988). Simultaneous and forward-masking patterns of a formant transition. In H. Duifhuis, J. W. Horst, & H. P. Wit (Eds.), Basic Issues in Hearing- The VII International Symposium on Hearing (pp. 440-447). London: Academic Press.
- Eisenberg, L. S., *Kirk, K. I., Thielemeir, M. A., Luxford, W. M. & Cunningham, J. K. (1986). Speech production and auditory discrimination. In T. J. Balkany (Ed.), Otolaryngologic Clinics of North America (pp. 409-421). Philadelphia: W.B. Saunders Co.
- *Kirk, K. I. & Edgerton, B. S. (1983). The effects of cochlear implant use on voice parameters. In I. K. Aerenberg (Ed.), Otolaryngologic Clinics of North America (pp. 281-292). Philadelphia: W.B. Saunders Co.

Articles – Peer Reviewed

- Hay-McCutcheon, M., Peterson, N. R., Pisoni, D. B., Kirk, K. I., & Parton, J. (submitted). Voice-gender and dialect discrimination in profoundly deaf adults who use cochlear implants: Effects of aging, bimodal hearing and degree of residual hearing. Ear and Hearing.
- Liu, H., Liu, S., Kirk, K. I., Zhang, J., Ge, Wentong, Aheng, Z., Liu, Zhicheng, & Ni, X. (2015). Longitudinal performance of spoken word perception in Mandarin pediatric cochlear implant users. International Journal of Pediatric Otorhinolaryngology (in press).
- Dunn, C. C., Walker, E. A., Oleson, J., Kenworthy, K., Van Voorst, R., Tomblin, J. B., Ji, H., McMurray, B., Hansan, M., & Gantz, B. J. (2014). Longitudinal speech perception and language performance in pediatric cochlear implant users: Effect of age at implantation. Ear and Hearing, *35*, 148-160.

- Young, N. M., & Kirk, K. I. (2013). Evolution of pediatric cochlear implantation. Otology & Neurotology, 34, 385.
- Kirk, K.I., Prusick, L., French, B. F., Gotch, C., Eisenberg, L. S., Young, N. M. (2012). Assessing spoken word recognition in children who are deaf or hard of hearing: A translational approach. Journal of the American Academy of Audiology, 23, 1-12. NIHMSID is: 439005
PMID: 22668766
- Krull, V., Luo, X., & Kirk, K. I. (2012). Talker identification training using simulations of binaurally combined electric and acoustic hearing: Generalization to speech and emotion recognition. Journal of the Acoustical Society of America, 131, 3069-3078. PMCID: PMC3339506 NIHMSID # 439005
- Holt, R.F., Kirk, K.I., & McCutcheon, M.J. (2011). Assessing multimodal spoken word-in-sentence recognition in children with normal hearing and children with cochlear implants. Journal of Speech, Language and Hearing Research, 54, 632-657. NIHMSID # 237058
- Wang, N.M., Wu, C-M., Kirk, K.I. (2010). Lexical effects on spoken word recognition performance among Mandarin-speaking children with normal hearing and cochlear implants. International Journal of Pediatric Otorhinolaryngology, 74, 883-890. PMID: 17869350
- Krull, V., Choi, S., *Kirk, K.I., Prusick, L., & French, B. (2010). Lexical effects on spoken word recognition by children with normal hearing. Ear and Hearing, 31, 102-144. PMID: 19707087
- Hay-McCutcheon, M.J., **Kirk, K.I., Henning, S.C., Gao, S., & Qi, R. (2008). Using early language outcomes to predict later language ability in children with cochlear implants. Audiology & Neurotology, 13, 370-378. PMCID: PMC2574938
- Miyamoto, R.T., Hay-McCutcheon, M.J., **Kirk, K.I., Houston, D.M., & Bergeson-Dana, T.(2008). Language skills of profoundly deaf children who received cochlear implants under 12-months of age: A preliminary study. Acta-Otolaryngologica, 128, 373-377. PMCID: PMC2823127
- *Kirk, K.I., Hay-McCutcheon, M.J., Holt, R.A., Gao, S., Qi, R., & Gerlain, B.L. (2007). Audiovisual spoken word recognition by children with cochlear implants. Audiological Medicine, 5, 250-261. PMCID: PMC2759184
- Wang, N.M., Huang, T.S., Wu, C.H., & ***Kirk, K.I. (2007). Pediatric cochlear implantation in Taiwan: Long-term communication outcomes. International Journal of Pediatric Otorhinolaryngology, 71, 1775-1782.
- *Kirk, K.I., Firszt, J.B., Hood, L.J., & Holt, R.F. (2006). New directions in pediatric-cochlear implantation: Effects on Candidacy. The ASHA Leader, November 28, 2006.
- Hay-McCutcheon, M., Pisoni, D. B., & **Kirk, K. I. (2005). Audiovisual speech perception in elderly cochlear implant recipients. The Laryngoscope, 115, 1887-1694.
- Miyamoto, R. T., Miyamoto, R. C., McElveen, J. T., & **Kirk, K. I. (2005). Cochlear implantation in cochlear dysplasia. Operative Techniques in Otolaryngology: Head and Neck Surgery, 16, 121-124.

- Houston, D. M., Carter, A. K., Pisoni, D. B., ****Kirk, K. I., & Ying, E. A. (2005). Word learning in children following cochlear implantation. Volta Review, 105, 41-72.
- Holt, R. F., *Kirk, K. I., Eisenberg, L. S., Martinez, A. S., & Campbell, W (2005). Spoken language development in children with residual hearing using cochlear implants and hearing aids in opposite ears. Ear and Hearing, 26, 82S-91S.
- Holt, R., & *Kirk, K. I. (2005). Speech and language development in cognitively delayed children with cochlear implants. Ear and Hearing, 26, 132-148.
- Cleary, M., Pisoni, D. B., & **Kirk, K. I. (2005). Influence of voice similarity on talker discrimination in children with normal hearing and children with cochlear implants. Journal of Speech, Language, and Hearing Research, 48, 204-223.
- *Kirk, K. I., Davis, R. A. O. (2004). Participant attrition in longitudinal studies of cochlear implant outcomes in children. International Congress Series, 1273, 288-291.
- Franz, D. C., Caleffe-Schenck, N., & ***Kirk, K. I. (2004). A tool for assessing functional use of audition in children: Results from the Med-El Combi 40+ Cochlear Implant System clinical trial. Volta Review, 104(3), 175-196.
- Eisenberg, L. S., ***Kirk, K. I., Martinez, A. S., Ying, E., & Miyamoto, R. T. (2004). Communication abilities of children with aided residual hearing: Comparison with cochlear implant users. Archives of Otolaryngology-Head & Neck Surgery, 130: 563-569.
- Houston, D. M., Ying, E. A., Pisoni, D. B., & ****Kirk, K. I. (2003). Development of pre-word-learning skills in infants with cochlear implants. Volta Review, 103 monograph, 303-326.
- Miyamoto, R. T., Houston, D. M., **Kirk, K. I., Perdew, A. E., & Svirsky, M. A. (2003). Language development in deaf infants following cochlear implantation. Acta Oto-Laryngologica, 123:2, 241-244.
- Kaiser, A. R., ***Kirk, K. I., Lachs, L. & Pisoni, D. B. (2003). Talker and lexical effects on audiovisual word recognition by adults with cochlear implants. Journal of Speech, Language, and Hearing Research, 46, 390-404.
- Houston, D. M., Pisoni, D. B., **Kirk, K. I., Ying, E. A. & Miyamoto, R. T. (2003). Speech perception skills of deaf infants following cochlear implantation: A first report. International Journal of Pediatric Otorhinolaryngology, 67, 479-495.
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- Cleary, M., Pisoni, D. B. & **Kirk, K. I. (2002). Working memory spans as predictors of word recognition and receptive vocabulary in children with cochlear implants. Volta Review, 102 (monograph), 259-280.

- *Kirk, K. I., Miyamoto, R. T., Ying, E. A., Perdew, A. E. & Zuganelis, H. (2002). Cochlear implantation in young children: Effects of age at implantation and communication mode. Volta Review, 102 (monograph), 127-144.
- Miyamoto, R. T., Houston, D. M. & ***Kirk, K. I. (2002). Early cochlear implantation in congenitally deaf children. Audiology Today - Special Issue: Update on Infant Hearing, 35-40.
- Stallings, L. M., **Kirk, K. I., Chin, S. B. & Gao, S. (2002). Parent word familiarity and the language development of pediatric cochlear implant users. Volta Review, 102 (monograph), 237-258.
- Miyamoto, R. T., Bichey, B. G., Wynne, M. K. & **Kirk, K. I. (2002). Cochlear implantation with large vestibular aqueduct syndrome. Laryngoscope, 112, 1178-1182.
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- Svirsky, M. A., Robbins, A. M., **Kirk, K.I., Pisoni, D. B. & Miyamoto, R. T. (2000). Language development in profoundly deaf children with cochlear implants. Psychological Science, 11(2), 153-158.
- *Kirk, K. I., Sehgal, S. T. & Hay-McCutcheon, M. (2000). Comparison of children's familiarity with tokens on the PBK, LNT, and MLNT. Annals of Otology, Rhinology, and Laryngology, 109(12), 63-64.
- *Kirk, K. I., Hay-McCutcheon, M., Sehgal, S. T. & Miyamoto, R. T. (2000). Speech perception in children with cochlear implants: Effects of lexical difficulty, talker variability and word length. Annals of Otology, Rhinology, and Laryngology, 109(12), 79-81.
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- Miyamoto, R. T., Kirk, K. I., Svirsky, M. A. & Sehgal, S. T. (1999). Communication skills in pediatric cochlear implant recipients. Acta Otolaryngologica, 119, 219-224.
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- Sehgal, S. T., *Kirk, K. I., Svirsky, M. A., Ertmer, D. J. & Osberger, M. J. (1998). Imitative consonant feature production by children with multi-channel sensory aids. Ear and Hearing, 19, 72-84.
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- Miyamoto, R. T., Robbins, A. M., Osberger, M. J., Todd, S. L., Riley, A. I. & ****Kirk, K. I. (1995). Comparison of multi-channel tactile aids and multi-channel cochlear implants in children with profound hearing impairments. American Journal of Otology, 16, 8-13.
- Miyamoto, R. T., *Kirk, K. I., Todd, S. L., Robbins, A. M. & Osberger, M. J. (1995). Speech perception skills of children with multi-channel cochlear implants or hearing aids. Annals of Otology, Rhinology, & Laryngology, 104(Suppl.), 334-337.
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- *Kirk, K. I., Pisoni, D. B. & Osberger, M. J. (1995). Lexical effects on spoken word recognition by pediatric cochlear implant users. Ear and Hearing, 16, 470-481.
- *Kirk, K. I., Osberger, M. J., Robbins, A. M., Riley, A. I., Todd, S. L. & Miyamoto, R. T. (1995). Performance of children with cochlear implants, tactile aids, and hearing aids. Seminars in Hearing, 16, 370-381.
- Miyamoto, R. T., Osberger, M. J., Cunningham, L., **Kirk, K. I., Myres, W. A., Robbins, A. M. & Kessler, K. (1994). Single channel to multi-channel conversions in pediatric cochlear implant recipients. American Journal of Otology, 15, 40-46.
- Tye-Murray, N. & ***Kirk, K. I. (1993). Vowel and diphthong production by young cochlear implant users and the relationship between the Phonetic Level Evaluation and spontaneous speech. Journal of Speech and Hearing Research, 36, 488-501.

- Fryauf-Bertschy, H., *Kirk, K. I. & Weiss, A. (1993). Cochlear implant use in a deaf-blind child: A case study. American Journal of Audiology, 2, 38-47.
- *Kirk, K. I., Tye-Murray, N. & Hurtig, R. R. (1992). The use of static and dynamic vowel cues by multi-channel cochlear implant users. Journal of the Acoustical Society of America, 91, 3487-3498.
- Eisenberg, L. S., ***Kirk, K. I., Berlin, K.B. & Thielemeir, M. A. (1986). A replay to Popelka and Gittleman: "Audiologic findings in a child with a single-channel cochlear implant". Journal of Speech and Hearing Disorders, 51, 180-183.
- *Kirk, K. I. & Hill-Brown, C. J. (1985). Speech and language results in children with a cochlear implant. Ear and Hearing, 6(Suppl.), 36-47.
- Eisenberg, L.S., **Kirk, K.I., Thielemeir, M.A., & House, W.F. (1984). Cochlear implants. Ear and Hearing, 6(Suppl.), 36-47.
- Eisenberg, L. S., Berliner, K. I., Thielemeir, M. A., **Kirk, K. I. & Tiber, N. T. (1983). The cochlear implant in children. Ear and Hearing, 4, 41-60.
- *Iler, (Kirk) K. L., Danhauer, J. L. & Mulac, A. (1982). Peer perceptions of geriatrics wearing hearing aids. Journal of Speech and Hearing Disorders, 47, 433-438.

Articles- Non-refereed

- American Speech-Language-Hearing Association (2003). Technical Report: Cochlear Implants. ASHA, Supplement 24, 1-35. (*co-author and editor)
- Young, N. and Kirk, K. I. (in press). Editorial: Evolution of pediatric cochlear implantation. Journal of Otology & Neurotology.

Grants Funded

External

- 2012-2014 National Institute on Deafness and Other Communication Disorders: 1 U24 DC012078, "Mentoring Network for Clinician-Scientists in Communication Sciences and Disorders". Leadership Team Member \$553,916 (Direct Costs: \$401,000) (PI: Margaret Rogers)
- 2012-2014 National Institute on Deafness and Other Communication Disorders: F32 DC011669, "Online speech processing in pediatric and adult cochlear implant users. Co-Sponsor (Principal Investigator: Ashley Farris-Trimble)
- 2011-2016 National Institute on Deafness and Other Communication Disorders: R01 DC008089, "Lexical integration of continuous acoustic detail in normal and impaired listeners"; Investigator (Principal Investigator, Bob McMurray).
- 2011-2016 National Institute on Deafness and Other Communication Disorders: P50 DC000242, "Iowa Cochlear Implant Clinical Research Center V"; Principal Investigator of Project 3, "Speech and Language Processing". (Direct Costs of Project 3: \$1,224,834) (Project Director: Bruce Gantz)

- 2009-2010 Research Grants Council of Hong Kong: “The construction and validation of the Cantonese Spoken Word Recognition Test (SWORT) to measure the word perception ability of Cantonese-speaking children.”; 658,071 HK\$ (Direct costs 572,236 HK\$); Investigator (Principal Investigator, Kathy Yuet Sheung Lee)
- 2007-2014 National Institute on Deafness and Other Communication Disorders: R01DC00875, “Multimodal tests of spoken word recognition for adults and children”; Principal Investigator \$2,844,984 (Direct costs \$2,324,840)
- 2006-2009 National Institute on Deafness and Other Communication Disorders: R01DC000064, “Speech perception and spoken word recognition by children with cochlear implants”; Principal Investigator of Purdue University subcontract \$338,975 (Direct costs of subcontract: \$228,677); (Principal Investigator of parent grant: Richard Miyamoto, Indiana University School of Medicine).
- 2002-2004 Deafness Research Foundation: “Assessing early word learning skills in deaf infants following cochlear implantation”; Principal Investigator (Project Director, Derek Houston); \$55,967.
- 2002-2003 American Hearing Research Foundation: “Development of audiovisual skills in deaf infants following cochlear implantation”; Principal Investigator (Project Director, Derek Houston); \$19,979.
- 2000-2005 National Institute on Deafness and Other Communication Disorders: R01 DC00064, “Comparison of sensory aids in deaf children”; Co-Principal Investigator (Principal Investigator, Richard Miyamoto); \$2,714,940 (Direct costs: \$1,901,480)
- 1996-2002 National Institute on Deafness and Other Communication Disorders: K08 DC00126, "Spoken word recognition by adult cochlear implant users"; Principal Investigator; \$431,011 (Direct costs: \$399,084)
- 1993-1994 American Speech-Language-Hearing Foundation: Research Grant for New Investigators, "The effects of talker and speaking rate on word recognition by adult cochlear implant users"; Principal Investigator; \$4,000

Internal

- 2007 Purdue University Faculty Research Abroad in Taiwan grant, Principal Investigator, \$1400 (This supported participation at an International Symposium on Globalization and University Research Collaboration, Taipei, Taiwan, May 2007)
- 2001-2002 Indiana University Intercampus Research Grant: “Assessing speech perception skills of deaf infants who use cochlear implants”; Principal Investigator, \$9000.
- 1998-2000 Investigator, Indiana University Strategic Directives Charter Initiative: “Linguistic, cognitive and sensory factors underlying the clinical effectiveness of pediatric cochlear implants”; Principal Investigator, Richard T. Miyamoto; \$320,000 (Direct costs: \$320,000); Co-Director (with Steven B. Chin, Ph.D.) of Project 2, “Linguistic Environment and Language Models”

1996-1998 Indiana University Intercampus Research Grant: "Variability and auditory-visual speech perception"; Principal Investigator; \$6,937

1995 Faculty sponsor of First Place award recipient, Marlow Manion Research Day, Dept. Of Otolaryngology-Head and Neck Surgery, Indiana University

Grant Consultantships

2015-2020 Consultant, "Linking Hearing Aid Outcomes", National Institute on Deafness and Other Communication Disorders, Principal Investigator, Yu-Hsiang Wu, Iowa City, IA.

2016-2021 Consultant, "Family influence on academic and social outcomes in children with hearing loss"; National Institute on Deafness and Other Communication Disorders grant R01; Principal Investigator: Rachael Holt, Ph.D., Indiana University, Bloomington, IN.

2014-2019 Consultant, "Complex listening skills in school-age hard of hearing children"; National Institute on Deafness and Other Communication Disorders grant R01DC013591; Principal Investigator: Ryan McCreery, Ph.D., Boystown National Research Hospital, Omaha, NE.

2009-2014 Member, External Advisory Committee, "Translational research training in communication sciences and disorders"; National Institute on Deafness and Other Communication Disorders grant T32DC009399; Project Director, Charles Larson, PhD, Northwestern University.

2009-2014 Member, Advisory Board, National Institute on Deafness and Other Communication Disorders grant R01DC009561 "Development and adaptive behavior of young children with hearing loss"; Principal Investigator, Laurie S. Eisenberg, Ph.D., House Ear Institute, Los Angeles.

2009-2014 Member, Advisory Board, "Development and adaptive behavior of young children with hearing loss"; National Institute on Deafness and Other Communication Disorders, R01DC009561; Principal Investigator, Laurie S. Eisenberg, Ph.D., House Ear Institute, Los Angeles.

2008-2010 Consultant, "Tone Acquisition in Young Children with Cochlear Implants", National Institute on Deafness and Other Communication Disorders grant R15DC009504; Principal Investigator, Li Xu, M.D., Ph.D., Ohio University.

2006-2009 Consultant, "Speech perception and phonological memory with combined electric acoustic hearing"; National Institute on Deafness and Other Communication Disorders grant R03DC008383; Principal Investigator, Marcia Hay-McCutcheon, Ph.D., Indiana University School of Medicine.

2006-2007 Consultant, "Development of the Mandarin Lexical Sentence Test", Chung Shan Medical University, Taichung, Taiwan; Principal Investigator, Nan-Mai Wang, Ph.D.

- 2005 Consultant/Mentor, “Assessing audiovisual sentence recognition in children with sensory aids”; American Hearing Research Foundation; Principal Investigator, Rachael Frush Holt, Ph.D., Indiana University.
- 2005 Consultant/Mentor, “A test of audiovisual integration for children with sensory aids”; American Speech-Language-Hearing Foundation; Principal Investigator, Rachael Frush Holt, Ph.D., Indiana University.
- 2004-2007 Consultant, “Multimodal perception by infants with cochlear implants”; National Institute on Deafness and Other Communication Disorders grant R21DC006682; Principal Investigator, Tonya Bergeson-Dana, Ph.D., Indiana University School of Medicine.
- 2003-2008 Consultant, “Speech perception by infants after cochlear implantation”; National Institute on Deafness and Other Communication Disorders grant R01DC006235; Principal Investigator, Derek Houston, Ph.D., Indiana University School of Medicine.
- 2001-2011 Member, Advisory Board, “Childhood development after cochlear implantation”; National Institute on Deafness and other Communication Disorders grant 5R01DC004797; Principal Investigator, John K. Niparko, M.D., Johns Hopkins University.
- 1998-2003 Consultant, “Speech and language in children with cochlear implants”; National Institute on Deafness and Other Communication Disorders grant R01 DC00423; Principal Investigator, Richard T. Miyamoto, M.D., Indiana University School of Medicine.
- 1997-1999 Consultant, ”Lexical effects on sentence recognition ”among pediatric users of hearing aids or cochlear implants”; Internal grant, House Ear Institute, Los Angeles; Principal Investigator, Laurie Eisenberg, Ph.D.

Invited Lectures and Conference Presentations

Invited Lectures –International

- Kirk, K. I. (2015). Assessing multimodal speech perception in children with normal hearing or hearing loss. The 2nd China International Forum of Pediatric Development. Beijing, China.
- Kirk, K. I. (2015). Multimodal assessment and speech perception outcomes in children with cochlear implants or hearing aids. Asia Pacific Symposium on Cochlear Implants and Related Sciences, Beijing, China.
- Kirk, K. I. (2015). Long-term Outcomes in Children with Cochlear Implants (Moderator). Asia Pacific Symposium on Cochlear Implants and Related Sciences, Beijing, China.
- Kirk, K. I. (2015). Measuring Sound and Speech Perception Outcomes (Invited Panelist). Asia Pacific Symposium on Cochlear Implants and Related Sciences, Beijing, China.
- Kirk, K. I. (2014). Assessing speech perception in children: A translational approach. Karolinska Institute, Stockholm, Sweden.

- Kirk, K. I. (2013). Assessing speech perception in children. The Third Forum on Development of Mandarin Chinese Speech Recognition Testing and the Workshop of Outcome Measures of Pediatric Cochlear Implants and Hearing Aids. China Otolaryngology Head and Neck Surgery Association, Audiology Division. Dalian, China.
- Kirk, K. I. (2013). Kirk, K. I. (2013) Evaluating multimodal speech recognition in adults and children with hearing loss. Department of Otolaryngology, Tongren Hospital, Beijing, China.
- Kirk, K. I. (2013). Evaluating speech recognition in persons with hearing loss: Lexical, talker and presentation formant effects. International Meeting on Advances in Audiology, University of Salamanca, Salamanca, Spain.
- Kirk, K.I. (2009). Introduction to the Department of Communication Sciences and Disorders at The University of Iowa. Capital Medical University, Beijing, China.
- Kirk, K.I. (2009). Developing new tests of spoken word recognition for listeners with hearing loss. Department of Otolaryngology, Tongren Hospital, Beijing, China.
- Kirk, K. I. (2007). Assessing spoken word recognition in adults and children. Chung Shan Medical University, Taichung, Taiwan.
- Kirk, K.I., Holt, R.F., Miyamoto, R.T. (2006). Age at implantation effects in six-year-old children. 2006 Chinese University of Hong Kong ENT Conference, Prince of Wales Hospital, Shatin, N.T., Hong Kong.
- Kirk, K.I. (2006). Considerations in cochlear implant candidacy. 2006 Chinese University of Hong Kong ENT Conference, Prince of Wales Hospital, Shatin, N.T., Hong Kong Kirk, K.I. (2006). Talker variability and speech understanding in listeners with cochlear implants. New Zealand Audiological Society 2006 Conference, Rotorua, New Zealand.
- Kirk, K.I. (2006). Assessing spoken word recognition in children with sensory aids. New Zealand Audiological Society 2006 Conference, Rotorua, New Zealand.
- Kirk, K.I. (2006). Cochlear implantation in children with prelingual hearing loss. New Zealand Audiological Society 2006 Conference, Rotorua, New Zealand.
- Kirk, K.I., Ying, E., Henning, S.C., & Miyamoto, R.T. (2005). Long-term cochlear implant outcomes in prelingually deafened children. 5th Asia Pacific Symposium on Cochlear Implants and Related Sciences, Hong Kong.
- Kirk, K. I. (2004). Assessing spoken word recognition in listeners with hearing impairment. Speech Acoustics Made Easy: What is the Child Really Hearing? University of Nottingham Medical School, Queen's Medical Centre, Nottingham, United Kingdom.
- Kirk, K. I. (2003). The development of the Lexical Neighborhood Test (LNT) and the Multisyllabic Lexical Neighborhood Test (MLNT). Seminar on the Development of Speech and Hearing Assessment Tools, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong.

- Kirk, K. I. (2003). The development of communication skills in children with cochlear implants: Long-term effects. 4th Congress of Asia Pacific Symposium on Cochlear Implants and Related Sciences, Taipei, Taiwan.
- Kirk, K. I. (2003). Long-term results for children: Audiological speech and language outcomes. International Cochlear Implant Symposium: Speech and Hearing Foundations. Chung Shan Medical University, Taichung, Taiwan.
- Kirk, K. I. (2003). Speech and hearing foundations: Speech perception and speech production. International Cochlear Implant Symposium: Speech and Hearing Foundations. Chung Shan Medical University, Taichung, Taiwan.
- Kirk, K. I. (2003). Talker variation and speaker understanding. Queen's Medical Centre Medical School, University of Nottingham, Nottingham, United Kingdom.
- Miyamoto, R. T., Houston, D. M., Kirk, K. I., Perdew, A. E., & Svirsky, M. A. (2003). Rationale for early cochlear implantation in congenitally deaf children. 4th International Symposium on Electronic Implants in Otology & Conventional Hearing Aids, Toulouse, France.
- Kirk, K. I., Pisoni, D. B., Bergeson, T. R., Miyamoto, R. T., & Davis, R. O. (2003). Long-term cochlear implant outcomes in children. 4th International Symposium on Electronic Implants in Otology & Conventional Hearing Aids, Toulouse, France.
- Miyamoto, R. T., McDonald, III, C. J., & Kirk, K. I. (2002). Cochlear implantation in patients with cochlear malformation. 7th International Cochlear Implant Conference, Manchester, England.
- Houston, D. M., Pisoni, D. B., Kirk, K. I., Ying, E. A., & Miyamoto, R. T. (2002). Assessing speech perception and language abilities of deaf infants before and following cochlear implantation. In T. Nazzi & S. Paterson (Co-chairs), Studies of early language acquisition in atypical populations. Symposium conducted at the International Conference on Infant Studies, Toronto, Canada.
- Panel Member (2000). Things that went wrong in rehabilitation and education. Why? 5th European Symposium on Pediatric Cochlear Implants, Antwerp, Belgium.
- Kirk, K. I. (1994). New directions for assessing speech perception by listeners with sensory aids. Pediatric Audiology Symposia in Auckland, Wellington, and Christchurch, New Zealand.
- Kirk, K. I. (1994). Speech intelligibility of children with cochlear implants or hearing aids. Pediatric Audiology Symposia in Auckland, Wellington, and Christchurch, New Zealand.
- Kirk, K. I. (1994). Speech perception performance of children with cochlear implants or hearing aids. Pediatric Audiology Symposia in Auckland, Wellington, and Christchurch, New Zealand.

Invited Lectures – National

- Kirk, K. I. (2016). Assessing audiovisual spoken word recognition in listeners with hearing loss. Knowles Seminar Series Visiting Scholar, Northwestern University, Evanston, IL.

- Kirk, K. I. (2015). Multimodal assessment and speech perception outcomes in children with cochlear implants or hearing aids. 14th Symposium on Cochlear Implants in Children, Nashville, TN.
- Kirk, K. I. (2013). Multimodal sentence recognition by children with cochlear implants or hearing aids. 2013 Conference on Implantable Auditory Prosthesis, Lake Tahoe, CA.
- Kirk, K. I. (2013). A tribute to William F. House, M.D. 2013 Conference on Implantable Auditory Prostheses, Lake Tahoe, CA.
- Kirk, K. I. (2013) Evaluating multimodal speech recognition in adults and children with hearing loss. Department of Otolaryngology – Head and Neck Surgery, The Mayo Clinic, Rochester, MN.
- Kirk, K.I. (2011). Development of the Multimodal Lexical Sentence Tests (2012). Department of Surgery, University of Louisville, Louisville, KY.
- Kirk, K.I. (2011). Development of the Multimodal Lexical Sentence Tests. Department of Speech, Language and Hearing Sciences, Purdue University, West Lafayette, IN.
- Kirk, K.I. (2011). Advocating for the Profession: Strategies for Member Success. New Jersey Speech Language Hearing Association, Long Branch, NJ.
- Kirk, K.I. (2010). Advocating for the Profession: Strategies for Member Success. Louisiana Speech Language Hearing Association, Baton Rouge, LA.
- Kirk, K.I. (2010). Threats to professional standards: The AMA Data Practice Series for audiology. Louisiana Speech Language Hearing Association, Baton Rouge, LA.
- Kirk, K.I. (2009). Cochlear implants: Principles and practices. Heuser Hearing Institute, University of Louisville, Louisville, KY
- Kirk, K.I. (2009). Cochlear implant principles and outcomes. The University of Alabama, Tuscaloosa, AL.
- Kirk, K.I. (2008). Multimodal tests of spoken word recognition for adults and children. Children's Auditory Research and Evaluation Division, House Ear Institute, Los Angeles.
- Kirk, K.I. (2007). Clinical research methodology. Dept. of Otolaryngology-Head and Neck Surgery, Children's Memorial Hospital, Chicago, IL.
- Kirk, K. I. (2006). Cochlear implantation in children. Indiana Early Hearing Detection & Intervention Conference, Indiana State Department of Health, Indianapolis, IN.
- Hood, L., Firszt, J.B., Kirk, K.I. (2006). New directions in pediatric cochlear implantation and effects on candidacy. American Speech-Language-Hearing Association, Miami Beach, FL
- Kirk, K. I. (2005). Cochlear implants in children: current practices and outcomes. Indiana Speech-Language-Hearing Association Convention, Indianapolis, IN

- Kirk, K. I. (2005). Cochlear implantation in children with prelingual hearing loss. Hear Indiana Educational Conference, Indianapolis, IN.
- Kirk, K. I. (2005). Cochlear implantation in children with prelingual deafness. Department of Audiology and Speech Sciences, Purdue University, West Lafayette, IN.
- Kirk, K. I. (2005). Cochlear implantation in children with prelingual deafness. School of Speech, Language and Hearing Sciences, Ohio University, Athens, OH.
- Kirk, K. I. (2003). Long-term outcomes in children with cochlear implants: Effects of early experience. Crossroads Conference on Communicative Disorders, Purdue University, West Lafayette, IN.
- Kirk, K. I. (2003). Cochlear implantation in children: Current practices and outcomes. Iowa Speech-Language-Hearing Association, Des Moines, IA.
- Kirk, K.I., Ying, E. A., & Rampersaud, D. (2003). Helping a new population: Educating students with cochlear implants. Indiana Association of School Psychologists Fall Conference, Indianapolis, IN
- Kirk, K. I. (2003). Studies of speech recognition in children with cochlear implants. The 9th Symposium on Cochlear Implants in Children, Washington, DC.
- Kirk, K. I. (2002). An update on cochlear implants. Indiana School for the Deaf, Indianapolis, IN.
- Kirk, K. I., Pisoni, D. B., & Lachs, L. (2002). Audiovisual integration of speech by children and adults with cochlear implants. In J.H.L. Hansen & B. Pellom (Ed.), 7th International Conference on Spoken Language Processing (pp. 1689-1692), Denver, CO: Casual Productions Pty Ltd.
- Houston, D. M., Pisoni, D. B., Kirk, K. I., Ying, E. A., Miyamoto, R. T. (2002). Discrimination of speech sounds in deaf infants following cochlear implantation. Association for Research in Otolaryngology Twenty-Fifth Midwinter Meeting, St. Petersburg, FL.
- Kirk, K. I. & Ying, E. A. (2002). Cochlear implants. National Student Speech Hearing and Language Association Conference, Indiana University, Bloomington. IN
- Kirk, K. I. (2002). Cochlear implant outcomes in adults and children. Department of Speech Pathology and Audiology, The University of Iowa, Iowa City, IA.
- Kirk, K. I. (2002). Cochlear implants in adults and children. Indiana School for the Deaf, Indianapolis, IN.
- Kirk, K. I. (2002). Cochlear implantation in young children. Association for Research in Otolaryngology Twenty-Fifth Midwinter Meeting, St. Petersburg, FL.
- Kirk, K. I. (2001). Age effects on communication skills in early implanted children. American Speech-Language-Hearing Association. New Orleans, LA.

- Kirk, K. I. (2001). Cochlear Implants. Riley Memorial Association Advancement Council. Indianapolis, IN.
- Kirk, K. I. (2001). Lexical effects on spoken word recognition by children with cochlear implants. Children's Hospital of Philadelphia, Philadelphia, PA.
- Kirk, K. I. (2001). Cochlear implants in young children. Early Hearing Detection and Intervention Teleconference, Centers for Disease Control and Prevention.
- Niparko, J. K., Kirk, K. I., Geers, A. E., & Toblin, J. B. (2001). Children with cochlear implants: How are they doing? American Academy of Otolaryngology - Head and Neck Surgery, Denver, CO.
- Kirk, K. I. (2001). Effects of age at implantation in early-implanted children. 8th Symposium on Cochlear Implants in Children, Los Angeles, CA.
- Session Chair (2000). Communication skills in children with cochlear implants: Contributing factors. American Speech-Language-Hearing Association, Washington, D.C.
- Pisoni, D. B., Cleary, M., Lachs, L., & Kirk, K. I. (2000). Individual differences in effectiveness of cochlear implants in prelingually deaf children. American Speech-Language-Hearing Association, Washington, D.C.
- Kirk, K. I. (2000). Communication skills in early-implanted children. American Speech-Language-Hearing Association, Washington, D.C.
- Kirk, K. I. (2000). Cochlear implant outcomes in children: Longitudinal results. Hear Indiana Biannual Conference, Indianapolis, IN.
- Kirk, K. I. (2000). New approaches to assessing spoken word recognition in children with sensory aids. American Academy of Audiology, Chicago, IL.
- Miyamoto, R. T., Kirk, K. I., Svirsky, M. A., & Sehgal, S. T. (2000). Longitudinal studies of implanted children. CI2000: The 6th International Cochlear Implant Conference, Miami, FL.
- Kirk, K. I., Kaiser, A., Hay-McCutcheon, M., & Yount, S. L. (2000). Audiovisual speech perception by adults with cochlear implants. CI2000: The 6th International Cochlear Implant Conference, Miami, FL.
- Pisoni, D. B., & Kirk, K. I. (1999). Clinical research on prelinguistically deaf children with cochlear implants. Department of Psychology, Indiana University-Purdue University, Indianapolis, IN.
- Kirk, K. I. (1999). Speech perception in early implanted children. Making the Most of a Child's Cochlear Implant: Successful Therapy Strategies, Indianapolis, IN.
- Session Chair (1999). Association for Research in Otolaryngology, Twenty-second Midwinter Meeting, St. Petersburg Beach, FL.
- Session Chair (1998). 7th Symposium on Cochlear Implants in Children, Iowa City, IA.

- Pisoni, D. B., Svirsky, M. A., Kirk, K. I., & Miyamoto, R. T. (1997). Looking at the “Stars”: A first report on the intercorrelations among measures of speech perception, intelligibility and language development in pediatric cochlear implant users (Progress Report No. 21). Bloomington: Indiana University.
- Kirk, K. I. (1997). The effects of talker variability and lexical difficulty on spoken word recognition by listeners with cochlear implants. Special Session: Basic Science at the Intersection of Speech Science and Communication Disorders, Acoustical Society of America, San Diego, CA.
- Kirk, K. I. (1997). Lexical discrimination in children with cochlear implants. Department of Audiology and Speech, Purdue University, Lafayette, IN.
- Kirk, K. I. (1997). Lexical discrimination and perceptual normalization in listeners with cochlear implants. 1997 Conference on Implantable Auditory Prostheses, Pacific Grove, CA.
- Kirk, K. I. (1997). Lexical discrimination and perceptual normalization in children with cochlear implants. Grand Rounds, Dept. of Otolaryngology, Northwestern University Medical School, Chicago, IL.
- Kirk, K. I., Pisoni D. B., & Miyamoto R. T. (1997). Lexical discrimination and language development: Effects of age at implantation and communication mode. Vth International Cochlear Implant Conference, New York, NY.
- Kirk, K.I. (1997). Lexical discrimination and language development: Effects of age at implantation and communication mode. Vth International Cochlear Implant Conference, New York, NY
- Glatke, T., Cooper, J., Tomblin, J. B., Olswang, L., Thompson, C., Fey, M., Pollock, K. & Kirk, K. I. (1996). NIDCD research in human communication: Perspectives on funding opportunities and the review process. American Speech-Language-Hearing Association, Seattle, WA.
- Kirk, K. I., Svirsky, M. A., & Robbins, A. M. (1996). Assessing communication with cochlear implants. American Speech-Language-Hearing Association, Seattle, WA.
- Kirk, K. I. (1996). Lexical discrimination and age at implantation: A first report. Acoustical Society of America, Indianapolis, IN
- Miyamoto, R.T., Kirk, K. I., & Stone, H. (1995). Cochlear implant demonstration. Communication Awareness Day 1995, Hart Senate Office Building, Washington, D.C.
- Kirk, K. I. (1995). Speech perception performance of children with multi-channel cochlear implants. St. Joseph's Institute for the Deaf, St. Louis, MO.
- Kirk, K. I. (1995). New speech perception assessment procedures for young children with cochlear implants. 1995 Conference on Implantable Auditory Prostheses, Pacific Grove, CA.
- Kirk, K. I. (1994). Lexical effects on children's word recognition. Department of Speech and Hearing Sciences, Indiana University, Bloomington.

Conference Presentations – International

- Wang, N. M., Wu, C-M., & Kirk, K. I. (2008). Lexical effects on Mandarin Chinese multisyllabic spoken word recognition of cochlear implanted children. NHS 2008: Beyond Hearing Screening: Infant and Childhood Hearing in Science and Clinical Practice, Cernobbio (Como Lake), Italy.
- Holt, R. F., Kirk, K. I., Hay-McCutcheon, M., & Howell, S. (2008). Audiovisual integration of speech by children with cochlear implants. NHS 2008: Beyond Hearing Screening: Infant and Childhood Hearing in Science and Clinical Practice, Cernobbio (Como Lake), Italy.
- Miyamoto, R. T., Hay-McCutcheon, M. J., Kirk, K. I., Houston, D. M., & Bergeson-Dana, T. R. (2007, August). Speech and language skills of profoundly deaf children implanted under 12 months of age: Preliminary results. Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum, Seoul, Korea.
- Kirk, K. I. (2007). Development of the Mandarin Lexical Sentence Test. International Symposium on Globalization and University Collaboration. Tatung University/Chinese Cultural University, Taipei, Taiwan.
- Miyamoto, R. T., Houston, D., Kirk, K. I., Perdew, A. E., & Svirksy, M. A. (2002). Early implantation: Outcomes and assessment methods. Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum. Noordwijk, The Netherlands.
- Eisenberg, L. S., Kirk, K. I., Martinez, A. S., Ying, E., Perdew, A., & Miyamoto, R. T. (2002). Communication abilities in pediatric hearing aid users and cochlear implant users: A comparative study. 7th International Cochlear Implant Conference, Manchester, England.
- Kirk, K. I., & Eisenberg, L. S. (2002). Cochlear implantation in children with severe-to-profound hearing loss. 7th International Cochlear Implant Conference, Manchester, England.
- Kirk, K. I., Houston, D. M., Pisoni, D. B., Sprunger, A. B., & Kim-Lee, Y. (2002). Talker discrimination and spoken word recognition by adults with cochlear implants. 7th International Cochlear Implant Conference, Manchester England.
- Kirk, K. I. & Lento, C. L. (2000). Assessing spoken work recognition in children: Effects on presentation mode and age at testing. 5th European Symposium on Pediatric Cochlear Implantation, Antwerp, Belgium.
- Miyamoto, R. T., Meyer, T. A., Svirsky, M. A. & Kirk, K. I., (1997). Effects of device, communication mode, and age on speech recognition scores in prelingually-deafened children. 26th Annual World Congress of Otorhinolaryngology - Head & Neck Surgery, Sydney, Australia.
- Robbins, A. M., Svirsky, M. A., Kirk, K. I., Miyamoto, R. T., Bollard, P. & Green, J. (1996). Language development in profoundly deaf children with and without cochlear implants. International Conference on Language Development in Cochlear Implant Children, Lyons, France.

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- Berliner, K. I., Kirk, K. I. & Tiber, N. (1982). Cochlear implants in children: Cognition and hearing. California Speech-Language-Hearing Association, Districts 6-9, Long Beach, CA.
- Participant (1980). Recent developments in the cochlear implant at the House Ear Institute. California Speech-Language-Association, Monterey, CA.
- Danhauer, J., Happel, K. I. (Kirk), Brimacombe, J., Eve, I. & Mulac, A. (1980). Observer biases toward geriatric and school-aged hearing aid wearers. American Speech-Language-Hearing Association, Detroit, MI

SERVICE
Profession
Offices

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|--------------|--|
| 2015-2017 | Member, Standing Committee on Scholarship, Research and Academics, Council of Academic Programs in Communication Arts and Sciences |
| 2015-2018 | Member, American Speech-Language-Hearing Foundation Board of Trustees |
| 2014-present | Co-Chair, Research Committee, American Cochlear Implant Alliance |

- 2010-2012 Vice President for Science and Research, American Speech-Language-Hearing Association; Member Board of Directors
- 2000-2001 Co-Chair, Work Group on Cochlear Implants (responsible for producing a Technical Report)

Editorial Board Member

- 2014-2017 Associate Editor for Hearing, Journal of Speech, Language and Hearing Research
- 2013 Guest Associate Editor, Journal of Speech, Language and Hearing Research
- 2012-present Editorial Board Member, Cochlear Implants International
- 2012-2013 Guest Editor, Special Issue of Otology & Neurotology
- 2012 Guest Associate Editor, Journal of Speech, Language, Hearing Research
- 2011 Guest Associate Editor, Journal of Speech, Language, Hearing Research
- 2011 Guest Associate Editor, American Journal of Audiology
- 2008-2011 International Consultant, Journal of Taiwan Speech, Language and Hearing Research
- 2006 Guest Section Editor, Journal of Speech, Language and Hearing Research
- 2005 Guest Section Editor, Journal of Speech, Language and Hearing Research
- 2004-2005 Guest Section Editor, Ear and Hearing
- 2002 Guest Section Editor, Ear and Hearing
- 2001- 2007 Associate Editor, Volta Review

Editorial Review

- 2013 Reviewer, ActaOto-Laryngologica
- 2013 Reviewer, Journal of Neuroscience
- 2012 - present Reviewer, Otology & Neurotology
- 2008 Reviewer , Journal of Experimental Psychology: Human Perception and Performance
- 2005-present Reviewer, Speech Communication
- 2005-present Reviewer, Audiology & Neurotology

2003-present Reviewer, International Journal of Audiology

2003-present Reviewer, Archives of Otolaryngology – Head and Neck Surgery

2002 Reviewer, Journal of the Acoustical Society of America

2001 Editorial Consultant, Language, Speech & Hearing Services in the Schools

1998-2001 Editorial Consultant, Volta Review

1997-present Editorial Consultant, Annals of Otolaryngology, Rhinology, & Laryngology

1993-present Editorial Consultant, Journal of Speech, Language & Hearing Research

1993-present Editorial Consultant, Ear and Hearing

1991-1995 Editorial Consultant, American Journal of Audiology

Grant Review

2015 Faculty and Senior Reviewer, Grant Review and Reviewer Training Workshop, Rockville, MD. (Co-sponsored by the American Speech-Language-Hearing Foundation and NIH-NIDCD)

2010-2016 Member, NIH-NIDCD Auditory Study Section

2010 Moderator, American Speech-Language-Hearing Association Grant Review and Reviewer Training Workshop, Rockville, MD

2010-present American Speech-Language-Hearing Foundation grant review

2009 Ad Hoc Reviewer, NIH-NIDCD Communication Disorders Review Committee (February panel)

2008 Senior Reviewer, American Speech-Language-Hearing Foundation/RSAC Grant Reviewer Training Workshop

2008 Ad Hoc Reviewer, NIH-NIDCD Loan Repayment Program Review Committee (May panel)

2008 Ad Hoc Reviewer, NIH-NIDCD Language and Communication Study Section, (July panel)

2008 Ad Hoc Reviewer, NIH-NIDCD Communication Disorders Review Committee (March panel)

2008 Ad Hoc Reviewer, NIH-NIDCD Communication Disorders Review Committee (September panel)

- 2007 Reviewer, NIH-NIDCD Special Emphasis Panel (R01 grant reviews, July)
- 2007 Senior Reviewer, American Speech-Language-Hearing Foundation/RSAC Grant Reviewer Training Workshop
- 2007 Reviewer, NIH-NIDCD Communications Disorders Review Committee (conflict grants review) (October panel)
- 2007 Chair, NIH-NIDCD Special Emphasis Panel for Short-Term Institutional Training Grants (September panel)
- 2007 Ad Hoc Reviewer, NIH-NIDCD Loan Repayment Program (April panel)
- 2007 Ad Hoc Reviewer, NIH-NIDCD Communication Disorders Review Committee (March panel)
- 2006 Reviewer, NIH-NIDCD Special Emphasis Panel for Short-Term Institutional Training Grants (October panel)
- 2006 Reviewer, NIH-NIDCD Special Emphasis Panel (R03 grant review)
- 2006 Ad Hoc Reviewer, NIH_NIDCD Communication Disorders Review Committee (February, October panels)
- 2005 Reviewer, The Thrasher Research Fund, Salt Lake City, Utah
- 2004 Reviewer, NIH-NIDCD Special Emphasis Panel, Communication Disorders and Language Acquisition (R01 grant review)
- 2004 Review Panel, National Science Foundation
- 2003 Review Panel, American Speech-Language-Hearing Foundation
- 2002 Review Panel, American Speech-Language-Hearing Foundation 2002 Research Grants for New Investigators
- 2001-2005 Reviewer, NIH-NIDCD Special Emphasis Panel for Small Grants (R03)
- 2000 Review Panel, American Speech-Language-Hearing Foundation 2000 Research Grants for New Investigators
- 1998 Research Grant Review Committee, Indiana University Speech, Language and Hearing Association
- 1997-1998 NIH-NIDCD Review Panel for Small Grants (R03)

Conference Committees / Invited Faculty

- 2012- Leadership Team, Pathways Conference, American Speech-Language-Hearing Association, Rockville, MD (conference funded by NIDCD and ASHA)

- 2012-2017 Core Faculty Member, Lessons for Success Conference, American Speech-Language-Hearing Association, Rockville, MD (conference funded by NIDCD and ASHA)
- 2011 Co-Director, 13th Symposium on Cochlear Implants in Children, Chicago, IL.
- 2010 Program Committee, American Auditory Society
- 2009 Invited Panelist, Food and Drug Administration Pediatric Clinical Trials Workshop: Unmet needs, trial designs and clinically meaningful safety and effectiveness outcomes, College Park, MD
- 2008-2009 Member, Treatment of Hearing Loss and Auditory Processing Disorders in Children Organizing Committee for 2009 convention, New Orleans
- 2008-2013 Planning Committee and Faculty, American Speech-Language-Hearing Association Lessons for Success Conference (this annual NIH-funded conference provides grant writing training to promising young investigators)
- 2006-7 International Faculty, 6th Asia Pacific Symposium on Cochlear Implants and Related Sciences, Sydney, Australia
- 2006 Keynote Speaker, New Zealand Audiological Society Conference, Rotorua, New Zealand
- 2006 Keynote Speaker, 2006 Chinese University of Hong Kong ENT Conference, Prince of Wales Hospital, Shatin, N.T., Hong Kong
- 2005 Steering Committee and International Faculty, 5th Asian Pacific Symposium on Cochlear Implant and Related Science, Hong Kong
- 2004 Invited Faculty, Speech Acoustics Made Easy: What is the Deaf Child Really Hearing? University of Nottingham Medical School, Queen's Medical Centre, Nottingham, United Kingdom
- 2004 Co-Chair, VIII International Cochlear Implant Conference, Indianapolis, Indiana
- 2004 Invited Faculty, Developing Communication after Cochlear Implantation: More Than Just Speech Processing, University of Nottingham Medical School, Queen's Medical Centre, Nottingham, United Kingdom
- 2003 Invited Faculty, Seminar on the Development of Speech and Hearing Assessment Tools, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong
- 2003 Invited Faculty, International Cochlear Implant Symposium: Speech and Hearing Assessment Tools, The Chinese University of Hong Kong, Shatin, M.T., Hong Kong

- 2003 Member, International Advisory Board, 4th Asian Pacific Symposium on Cochlear Implants, Taipei, Taiwan
- 2003 Keynote Speaker, 9th Symposium on Cochlear Implants in Children, Washington, DC
- 2003 Invited Faculty, 4th Symposium on Electronic Implants in Otology and Conventional Hearing Aids, Toulouse, France
- 2002 – 2004 Member, Committee on Disability Determination for Individuals with Hearing Impairments, National Research Council, Washington, DC
- 2002 Invited Faculty, International Conference on Infant Studies, Toronto, Canada
- 2001 -2003 Steering Committee, 2003 Conference on Implantable Auditory Prostheses
- 2001 Member, Organizing Committee, 8th Symposium on Cochlear Implants in Children, Universal City, CA
- 2000-2004 Member, Organizing Committee, 2004 International Cochlear Implant Conference, Indianapolis, IN
- 2000 Invited Faculty, CI 2000, 6th International Cochlear Implant Conference, Miami, FL
- 2000 Invited Faculty, 5th European Symposium on Pediatric Cochlear Implantation, Antwerp, Belgium
- 1999-2000 Chair, Cochlear Implant Subcommittee, 2000 Convention of the American Speech-Language-Hearing Association, Washington, D.C.
- 1998 Invited Faculty, 7th Symposium on Cochlear Implants in Children, Iowa City, IA

Consultant

- 2001-2003 Steering Committee, Bilateral Pediatric Cochlear Implantation, Cochlear Corporation
- 1999-2005 Member, Audiology Advisory Panel, Cochlear Corporation, Englewood, CO

External Faculty Review

- 2015 External Reviewer for Faculty Promotion to Associate Professor, Department of Hearing and Speech Sciences, University of Maryland at College Park
- 2015 External Reviewer for Faculty Promotion to Associate Professor, Non-Tenure Track, Department of Communication Sciences and Disorders, School of Health Rehabilitation Sciences at the University of Pittsburgh
- 2015 External Reviewer for Faculty Promotion to Full Professor, Department of Communication Sciences and Disorders, College of Health Sciences, Ohio University
- 2015 External Reviewer for Faculty Promotion and Tenure, The Hong Kong Institute of Education
- 2010 External Reviewer for Faculty Promotion and Substantiation (Tenure), The Chinese University of Hong Kong
- 2004 External Reviewer for Faculty Promotion and Tenure, School of Hearing, Speech and Language Sciences, Ohio University, Athens, OH
- 2004 External Faculty Reviewer, Department of Communication Sciences and Disorders, The University of Texas at Austin

University of Illinois at Urbana-Champaign

Department of Speech and Hearing Science

2014-present Chair, Faculty Advisory Committee

2014-16 Admissions Committee

College of Applied Health Sciences

2014-15 Member, Senior Advisory Committee, Center for Health, Aging and Disability

2015-16 Member, Search Committee for Health Technology and Aging

2014-present Member, Administrative Council

University

2015-16 Member, Council of Executive Unit Officers

2015-16 Member, Search Committee for Inaugural Dean, Carle-Illinois College of
Medicine

The University of Iowa

Department of Communication Sciences and Disorders,

2011-2013 AuD Studies Committee

PhD Studies Committee

2009-2011 Undergraduate Studies Committee,

Au.D. Committees (Curriculum, Administration, Comprehensive Examinations)

Ph.D. Studies Committee

College of Liberal Arts and Sciences, The University of Iowa

2012-2013 Judicial Review Committee

Students Supervised
University of Illinois at Urbana-Champaign

AuD Capstone Committees

<u>Year</u>	<u>Name</u>	<u>Title</u>	<u>Role</u>	<u>Outcome</u>
2014-2015	Martin Fenstermacher	<i>Sensory gating in musicians and non-musicians</i>	Member	Graduated 5/2015
2014-2015	Clifford Olson	<i>Clinical protocol for real-ear attenuation at thresholds for 3M classic E-A-R foam hearing protectors</i>	Member	Graduated 5/2015
2014-2015	Danielle Lynch	<i>Expansion of distortion product otoacoustic emission normative data at the University of Illinois at Urbana-Champaign Audiology Clinic for patients with normal hearing</i>	Member	Graduate 5/2015
2014-current	Jenise Chappell	<i>Dissociating mechanisms of tinnitus and hyperacusis: A survey and a behavioral study</i>	Member	Passed preliminary examination; still enrolled
2015-current	Alissa Hembrough		Chair	Developing project
2015-current	Michelle Nebel		Chair	Developing project

Undergraduate Students

<u>Semester</u>	<u>Course</u>	<u>Students</u>
Spring 2015	SHS 291 (Independent Studies)	Morgan Corich Jazmyn Lopez Laura Martin Cassandra Poulos

The University of Iowa

Postdoctoral Fellows

<u>Year</u>	<u>Name</u>	<u>Department</u>	<u>Role</u>	<u>Outcome</u>
2011-2013	Ashley Farris-Trimble	Psychology	Co-Mentor	Asst. Prof., Dept. of Linguistics, Simon Fraser University,

Ph.D. Comprehensive Examination Committees

<u>Year</u>	<u>Name</u>	<u>Role</u>	<u>Outcome</u>
2011-2012	Amanda Silberer	Committee Member	Graduated 2013
2009-2010	Michelle Quinn	Committee Member	Currently enrolled
2009	Li Chiou	Committee Member	Currently enrolled

Ph.D. Dissertation Committees

<u>Year</u>	<u>Name</u>	<u>Title</u>	<u>Role</u>	<u>Outcome</u>
2010-2012	Cheyenne Munson (Dept. of Psychology)	<i>Specificity of perceptual learning: Learning about specific talkers, phonemes and words</i>	Committee Member	Graduation May 2012 Visiting Instructor of Psychology, University of Illinois

Ph.D. Doctoral Committees

<u>Year</u>	<u>Name</u>	<u>Title</u>	<u>Role</u>	<u>Outcome</u>
2012-2013	Keith Apfelbaum (Dept. of Psychology)	N.A.	Committee Member	Graduated 2013

Purdue UniversityPh.D. Dissertation Committees

<u>Year</u>	<u>Name</u>	<u>Title</u>	<u>Role</u>	<u>Outcome</u>
2008-2010	Vidya Krull	<i>Perceptual learning of spectrally degraded speech</i>	Major Professor	Graduated Spring 2010 Graduated 2011 Research Scientist, GN

				ReSound, Chicago
<u>Ph.D. Doctoral Committees (Pre-Dissertation)</u>				
2007-2008	Vidya Ganesh	<i>Word frequency and lexical density effects on children's speech perception</i>	Major Professor	
2007-2009	Javier Gonzalez Castillo	<i>Modeling hemodynamic responses in auditory cortex at 1.5 T using variable duration imaging acoustic noise</i>	Member	
<u>AuD Capstone Projects</u>				
<u>Year</u>	<u>Name</u>	<u>Title</u>	<u>Role</u>	<u>Outcome</u>
2009-2010	Jennifer Karpicke	<i>Multimodal tests of spoken word recognition for adults</i>	Major Professor	Graduated 5/2011
2008-2009	Lindsey Prusick	<i>Multimodal tests of spoken word recognition for children</i>	Major Professor	Graduated 5/2010
2007-2008	Andrea Moore	<i>Lexical effects on sentence recognition in children</i>	Major Professor	Graduated 5/2009

Indiana University

Postdoctoral Fellows

<u>Year</u>	<u>Name</u>	<u>Department</u>	<u>Role</u>	<u>Outcome</u>
2004- 2005	Marcia Hay- McCutcheon	Otolaryngology-HNS	Mentor	Associate Professor Department of Communication Disorders University of Alabama
2003- 2005	Rachael Holt, Ph.D.	Otolaryngology-HNS	Primary Mentor	Associate Professor Department of Speech and Hearing Science The Ohio State University
1994- 1995	Mark Sehgal, MD	Otolaryngology-HNS	Primary Mentor	Private practice Oklahoma
1992- 1993	Mitchell Sommers, Ph.D.	Psychology and Cognitive Science	Mentor	Professor Department of Psychology Washington University, St. Louis

Ph.D. Dissertation Committees

<u>Year</u>	<u>Name</u>	<u>Title</u>	<u>Role</u>	<u>Outcome</u>
2006	Caitlin Dillon	<i>Phonological processing skills and the development of reading in deaf children</i>	Member	Researcher Haskins Laboratory
2004	Cynthia Clopper	<i>Linguistic experience and the perceptual classification of dialect variation</i>	Member	Asst. Professor Department of Linguistics Ohio State University
2002	Miranda Cleary	<i>Perception of talker differences in normal-hearing children and hearing-impaired children with cochlear implants</i>	Member	Adjunct Asst. Professor Department of Speech- Language and Hearing Sciences The Graduate School City University of New York
2002	Loren Lachs	<i>Vocal tract kinematics and crossmodal speech information</i>	Member	Associate Professor Department of Psychology California State University, Fresno

2001	Nathan Amos	<i>The contribution of high frequencies to speech recognition in sensorineural hearing loss</i>	Member	Clinical Associate Professor Department of Speech and Hearing Sciences Indiana University
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Other Contributions to Instructional Programs

External Member, Ph.D. Dissertation Committees

<u>Year</u>	<u>Name</u>	<u>University</u>	<u>Title</u>
2009-2010	Vidya Krull	Department of Speech-Language and Hearing Sciences Purdue University	<i>Perceptual learning of spectrally degraded speech</i>
2006	Pauline Nott	School of Graduate Studies The University of Melbourne Victoria, Australia	<i>Early communication development of children with severe-profound hearing loss</i>
2006	Shani Dettman	School of Graduate Studies The University of Melbourne Victoria, Australia	<i>Primary caregiver input and communication development for children using the cochlear implant</i>