Tonal language experience facilitates the use of spatial cues for segregating competing speech in bimodal cochlear implant listeners. Chen B, Zhang X, Chen J, Shi Y, Zou X, Liu P, Li Y, **Galvin JJ 3rd,** Fu QJ. JASA Express Lett. 2024 Mar 1;4(3):034401. doi: 10.1121/10.0025058. PMID: 38426890

Emotional prosody perception and production are linked in prelingually deaf children with cochlear implants. Chatterjee M, Feller A, Kulkarni AM, **Galvin JJ.** JASA Express Lett. 2023 Dec 1;3(12):127601. doi: 10.1121/10.0023996. PMID: 38117231

Preliminary evaluation of computer-assisted home training for French cochlear implant recipients. Kerneis S, **Galvin JJ 3rd,** Borel S, Baqué J, Fu QJ, Bakhos D. PLoS One. 2023 Apr 28;18(4):e0285154. doi: 10.1371/journal.pone.0285154.

Importance of ipsilateral residual hearing for spatial hearing by bimodal cochlear implant users. Thomas M, **Galvin JJ 3rd,** Fu QJ. Sci Rep. 2023 Mar 27;13(1):4960. doi: 10.1038/s41598-023-32135-0.

Cochlear Implant Facilitates the Use of Talker Sex and Spatial Cues to Segregate Competing Speech in Unilaterally Deaf Listeners. Chen J, Shi Y, Kong Y, Chen B, Zhang L, **Galvin JJ 3rd,** Li Y, Fu QJ. Ear Hear. 2023 Jan-Feb 01;44(1):77-91. doi: 10.1097/AUD.0000000000001254.

Effects of tonotopic matching and spatial cues on segregation of competing speech in simulations of bilateral cochlear implants. Thomas M, Willis S, **Galvin JJ 3rd**, Fu QJ. PLoS One. 2022 Jul 5;17(7):e0270759. doi: 10.1371/journal.pone.0270759.

The P300 Auditory Event-Related Potential May Predict Segregation of Competing Speech by Bimodal Cochlear Implant Listeners. Tao DD, Zhang YM, Liu H, Zhang W, Xu M, **Galvin JJ 3rd,** Zhang D, Liu JS. Front Neurosci. 2022 Jun 10;16:888596. doi: 10.3389/fnins.2022.888596.

Segregation of competing speech in adults and children with normal hearing and in children with cochlear implants. Liu JS, Liu YW, Yu YF, **Galvin JJ 3rd,** Fu QJ, Tao DD. J Acoust Soc Am. 2021 Jul;150(1):339. doi: 10.1121/10.0005597.

Sensitivity to Pulse Phase Duration as a Marker of Neural Health Across Cochlear Implant Recipients and Electrodes. Zhou N, Zhu Z, Dong L, **Galvin J 3rd.** J Assoc Res Otolaryngol. 2021 Apr;22(2):177-192. doi: 10.1007/s10162-021-00784-5.

Melodic interval perception with acoustic and electric hearing in bimodal and single-sided deaf cochlear implant listeners. Spitzer ER, **Galvin JJ 3rd,** Friedmann DR, Landsberger DM. Hear Res. 2021 Feb;400:108136. doi: 10.1016/j.heares.2020.108136.

Bilateral and bimodal cochlear implant listeners can segregate competing speech using talker sex cues, but not spatial cues.Willis S, Xu K, Thomas M, Gopen Q, Ishiyama A, **Galvin JJ 3rd,** Fu QJ. JASA Express Lett. 2021 Jan;1(1):014401. doi: 10.1121/10.0003049.

Effects of noise on integration of acoustic and electric hearing within and across ears. Willis S, Moore BCJ, **Galvin JJ 3rd,** Fu QJ. PLoS One. 2020 Oct 15;15(10):e0240752. doi: 10.1371/journal.pone.0240752.

A behavioral method to estimate charge integration efficiency in cochlear implant users. Zhou N, Dong L, **Galvin JJ 3rd.** J Neurosci Methods. 2020 Aug 1;342:108802. doi: 10.1016/j.jneumeth.2020.108802.

Effect of pulse phase duration on forward masking and spread of excitation in cochlear implant listeners. Zhou N, Zhu Z, Dong L, **Galvin JJ 3rd.** PLoS One. 2020 Jul 20;15(7):e0236179. doi: 10.1371/journal.pone.0236179.

Cortical auditory responses according to hearing rehabilitation in unilateral hearing loss. Legris E, Roux S, Aoustin JM, **Galvin J,** Bakhos D. Eur Ann Otorhinolaryngol Head Neck Dis. 2019 Nov;136(6):439-445. doi: 10.1016/j.anorl.2019.08.001.

Factors Affecting Bimodal Benefit in Pediatric Mandarin-Speaking Chinese Cochlear Implant Users. Liu YW, Tao DD, Chen B, Cheng X, Shu Y, **Galvin JJ 3rd,** Fu QJ. Ear Hear. 2019 Nov/Dec;40(6):1316-1327. doi: 10.1097/AUD.0000000000000712.

Pleasantness Ratings for Harmonic Intervals With Acoustic and Electric Hearing in Unilaterally Deaf Cochlear Implant Patients. Spitzer ER, Landsberger DM, Friedmann DR, **Galvin JJ 3rd.** Front Neurosci. 2019 Sep 3;13:922. doi: 10.3389/fnins.2019.00922.

Benefits of Cochlear Implantation for Single-Sided Deafness Data From the House Clinic-University of Southern California-University of California, Los Angeles Clinical Trial.
Galvin JJ 3rd, Fu QJ, Wilkinson EP, Mills D, Hagan SC, Lupo JE, Padilla M, Shannon RV. Ear Hear. 2019 Jul/Aug;40(4):766-781. doi: 10.1097/AUD.0000000000000671.

Cortical reorganization after cochlear implantation for adults with single-sided deafness. Legris E, **Galvin J,** Roux S, Gomot M, Aoustin JM, Marx M, He S, Bakhos D. PLoS One. 2018 Sep 24;13(9):e0204402. doi: 10.1371/journal.pone.0204402.

Effects of age and duration of deafness on Mandarin speech understanding in competing speech by normal-hearing and cochlear implant children.Tao DD, Liu YW, Fei Y, **Galvin JJ 3rd,** Chen B, Fu QJ. J Acoust Soc Am. 2018 Aug;144(2):EL131. doi: 10.1121/1.5051051.

Intelligibility of naturally produced and synthesized Mandarin speech by cochlear implant listeners. Shi Y, Chen J, Gong Y, Chen B, Li Y, **Galvin JJ 3rd,** Fu QJ. J Acoust Soc Am. 2018 May;143(5):2886. doi: 10.1121/1.5037590.

The Benefits of Residual Hair Cell Function for Speech and Music Perception in Pediatric Bimodal Cochlear Implant Listeners. Cheng X, Liu Y, Wang B, Yuan Y, **Galvin JJ 3rd,** Fu QJ, Shu Y, Chen B. Neural Plast. 2018 Apr 15;2018:4610592. doi: 10.1155/2018/4610592.

Binaural Perception in Single-Sided Deaf Cochlear Implant Users with Unrestricted or Restricted Acoustic Hearing in the Non-Implanted Ear. Dorbeau C, **Galvin J,** Fu QJ, Legris E, Marx M, Bakhos D. Audiol Neurootol. 2018;23(3):187-197. doi: 10.1159/000490879.

Comparison of Two Music Training Approaches on Music and Speech Perception in Cochlear Implant Users. Fuller CD, **Galvin JJ 3rd,** Maat B, Başkent D, Free RH. Trends Hear. 2018 Jan-Dec;22:2331216518765379. doi: 10.1177/2331216518765379.

Music Training Can Improve Music and Speech Perception in Pediatric Mandarin-Speaking Cochlear Implant Users. Cheng X, Liu Y, Shu Y, Tao DD, Wang B, Yuan Y, **Galvin JJ 3rd,** Fu QJ, Chen B. Trends Hear. 2018 Jan-Dec;22:2331216518759214. doi: 10.1177/2331216518759214.

Cortical Processing of Vocal and Nonvocal Sounds in Cochlear-Implanted Children An Electrophysiological Study. Bakhos D, **Galvin J,** Roux S, Lescanne E, Bruneau N. Ear Hear. 2018 Jan/Feb;39(1):150-160. doi: 10.1097/AUD.0000000000000475.

Effect of carrier bandwidth on integration of simulations of acoustic and electric hearing within or across ears. Fu QJ, **Galvin JJ 3rd**, Wang X. J Acoust Soc Am. 2017 Dec;142(6):EL561. doi: 10.1121/1.5017530.

Integration of acoustic and electric hearing is better in the same ear than across ears. Fu QJ, **Galvin JJ 3rd,** Wang X. Sci Rep. 2017 Oct 2;7(1):12500. doi: 10.1038/s41598-017-12298-3.

Validation of list equivalency for Mandarin speech materials to use with cochlear implant listeners. Li Y, Wang S, Su Q, **Galvin JJ,** Fu QJ. Int J Audiol. 2017;56(sup2):S31-S40. doi: 10.1080/14992027.2016.1204564.

Effects of insertion depth on spatial speech perception in noise for simulations of cochlear implants and single-sided deafness. Zhou X, Li H, **Galvin JJ 3rd,** Fu QJ, Yuan W. Int J Audiol. 2017;56(sup2):S41-S48. doi: 10.1080/14992027.2016.1197426.

Perception of Sung Speech in Bimodal Cochlear Implant Users. Crew JD, **Galvin JJ 3rd,** Fu QJ. Trends Hear. 2016 Nov 11;20:2331216516669329. doi: 10.1177/2331216516669329.

Effects of Within-Talker Variability on Speech Intelligibility in Mandarin-Speaking Adult and Pediatric Cochlear Implant Patients. Su Q, **Galvin JJ**, Zhang G, Li Y, Fu QJ. Trends Hear. 2016 Jun 30;20:2331216516654022. doi: 10.1177/2331216516654022.

Envelope Interactions in Multi-Channel Amplitude Modulation Frequency Discrimination by Cochlear Implant Users. **Galvin JJ 3rd,** Oba SI, Başkent D, Chatterjee M, Fu QJ. PLoS One. 2015 Oct 2;10(10):e0139546. doi: 10.1371/journal.pone.0139546.

Modulation frequency discrimination with single and multiple channels in cochlear implant users. **Galvin JJ 3rd,** Oba S, Başkent D, Fu QJ. Hear Res. 2015 Jun;324:7-18. doi: 10.1016/j.heares.2015.02.007.

Contributions of electric and acoustic hearing to bimodal speech and music perception. Crew JD, **Galvin JJ 3rd,** Landsberger DM, Fu QJ. PLoS One. 2015 Mar 19;10(3):e0120279. doi: 10.1371/journal.pone.0120279.

Benefits of music training in mandarin-speaking pediatric cochlear implant users. Fu QJ, **Galvin JJ 3rd,** Wang X, Wu JL. J Speech Lang Hear Res. 2015 Feb;58(1):163-9. doi: 10.1044/2014_JSLHR-H-14-0127.

Melodic pitch perception and lexical tone perception in Mandarin-speaking cochlear implant users.Tao D, Deng R, Jiang Y, **Galvin JJ 3rd,** Fu QJ, Chen B. Ear Hear. 2015 Jan;36(1):102-10. doi: 10.1097/AUD.0000000000000086.

Gender categorization is abnormal in cochlear implant users.Fuller CD, Gaudrain E, Clarke JN, **Galvin JJ,** Fu QJ, Free RH, Başkent D. J Assoc Res Otolaryngol. 2014 Dec;15(6):1037-48. doi: 10.1007/s10162-014-0483-7.

Mandarin speech perception in combined electric and acoustic stimulation. Li Y, Zhang G, **Galvin JJ 3rd,** Fu QJ. PLoS One. 2014 Nov 11;9(11):e112471. doi: 10.1371/journal.pone.0112471.

The musician effect does it persist under degraded pitch conditions of cochlear implant simulations? Fuller CD, **Galvin JJ 3rd,** Maat B, Free RH, Başkent D. Front Neurosci. 2014 Jun 30;8:179. doi: 10.3389/fnins.2014.00179.

Contribution of auditory working memory to speech understanding in mandarin-speaking cochlear implant users. Tao D, Deng R, Jiang Y, **Galvin JJ 3rd,** Fu QJ, Chen B. PLoS One. 2014 Jun 12;9(6):e99096. doi: 10.1371/journal.pone.0099096.

Single- and multi-channel modulation detection in cochlear implant users. **Galvin JJ 3rd,** Oba S, Fu QJ, Başkent D. PLoS One. 2014 Jun 11;9(6):e99338. doi: 10.1371/journal.pone.0099338.

Perception of speech produced by native and nonnative talkers by listeners with normal hearing and listeners with cochlear implants. Ji C, **Galvin JJ,** Chang YP, Xu A, Fu QJ. J Speech Lang Hear Res. 2014 Apr 1;57(2):532-54. doi: 10.1044/2014_JSLHR-H-12-0404.

Musician effect in cochlear implant simulated gender categorization. Fuller CD, **Galvin JJ 3rd,** Free RH, Başkent D. J Acoust Soc Am. 2014 Mar;135(3):EL159-65. doi: 10.1121/1.4865263.

A method to dynamically control unwanted loudness cues when measuring amplitude modulation detection in cochlear implant users. **Galvin JJ 3rd,** Fu QJ, Oba S, Başkent D. J Neurosci Methods. 2014 Jan 30;222:207-12. doi: 10.1016/j.jneumeth.2013.10.016.

Effect of speaking rate on recognition of synthetic and natural speech by normal-hearing and cochlear implant listeners. Ji C, **Galvin JJ 3rd,** Xu A, Fu QJ. Ear Hear. 2013 May-Jun;34(3):313-23. doi: 10.1097/AUD.0b013e31826fe79e.

Voice conversion in cochlear implantation. Wilkinson EP, Abdel-Hamid O, **Galvin JJ 3rd,** Jiang H, Fu QJ. Laryngoscope. 2013 Apr;123 Suppl 3(0 3):S29-43. doi: 10.1002/lary.23744.

Channel interaction limits melodic pitch perception in simulated cochlear implants.
Crew JD, **Galvin JJ 3rd**, Fu QJ. J Acoust Soc Am. 2012 Nov;132(5):EL429-35. doi: 10.1121/1.4758770.

Speech perception with music maskers by cochlear implant users and normal-hearing listeners. Eskridge EN, **Galvin JJ 3rd,** Aronoff JM, Li T, Fu QJ. J Speech Lang Hear Res. 2012 Jun;55(3):800-10. doi: 10.1044/1092-4388(2011/11-0124).

Influence of pitch, timbre and timing cues on melodic contour identification with a competing masker. Zhu M, Chen B, **Galvin JJ 3rd,** Fu QJ. J Acoust Soc Am. 2011 Dec;130(6):3562-5. doi: 10.1121/1.3658474.

Discrimination between sequential and simultaneous virtual channels with electrical hearing. Landsberger D, **Galvin JJ 3rd.** J Acoust Soc Am. 2011 Sep;130(3):1559-66. doi: 10.1121/1.3613938.

Digit training in noise can improve cochlear implant users' speech understanding in noise
Oba SI, Fu QJ, **Galvin JJ 3rd.** Ear Hear. 2011 Sep-Oct;32(5):573-81. doi: 10.1097/AUD.0b013e31820fc821.

Mandarin Chinese speech recognition by pediatric cochlear implant users. Zhu M, Fu QJ, **Galvin JJ 3rd**, Jiang Y, Xu J, Xu C, Tao D, Chen B. Int J Pediatr Otorhinolaryngol. 2011 Jun;75(6):793-800. doi: 10.1016/j.ijporl.2011.03.009.

Effect of bandpass filtering on melodic contour identification by cochlear implant users. **Galvin JJ 3rd,** Fu QJ. J Acoust Soc Am. 2011 Feb;129(2):EL39-44. doi: 10.1121/1.3531708.

Effect of stimulation rate on cochlear implant users' phoneme, word and sentence recognition in quiet and in noise. Shannon RV, Cruz RJ, **Galvin JJ 3rd.** Audiol Neurootol. 2011;16(2):113-23. doi: 10.1159/000315115.

A model of incomplete adaptation to a severely shifted frequency-to-electrode mapping by cochlear implant users. Sagi E, Fu QJ, **Galvin JJ 3rd,** Svirsky MA. J Assoc Res Otolaryngol. 2010 Mar;11(1):69-78. doi: 10.1007/s10162-009-0187-6.

Effects of stimulus duration on amplitude modulation processing with cochlear implants. Luo X, **Galvin JJ,** Fu QJ. J Acoust Soc Am. 2010 Feb;127(2):EL23-9. doi: 10.1121/1.3280236.

Melodic contour identification and music perception by cochlear implant users. **Galvin JJ 3rd,** Fu QJ, Shannon RV. Ann N Y Acad Sci. 2009 Jul;1169:518-33. doi: 10.1111/j.1749-6632.2009.04551.x.

Influence of stimulation rate and loudness growth on modulation detection and intensity discrimination in cochlear implant users. **Galvin JJ 3rd**, Fu QJ. Hear Res. 2009 Apr;250(1-2):46-54. doi: 10.1016/j.heares.2009.01.009.

Effect of a competing instrument on melodic contour identification by cochlear implant users. **Galvin JJ 3rd,** Fu QJ, Oba SI. J Acoust Soc Am. 2009 Mar;125(3):EL98-103. doi: 10.1121/1.3062148.

Effect of instrument timbre on melodic contour identification by cochlear implant users. **Galvin JJ 3rd,** Fu QJ, Oba S. J Acoust Soc Am. 2008 Oct;124(4):EL189-95. doi: 10.1121/1.2961171.

Maximizing cochlear implant patients' performance with advanced speech training procedures.Fu QJ, **Galvin JJ 3rd.** Hear Res. 2008 Aug;242(1-2):198-208. doi: 10.1016/j.heares.2007.11.010.

Effect of spectral normalization on different talker speech recognition by cochlear implant users. Liu C, **Galvin J 3rd,** Fu QJ, Narayanan SS. J Acoust Soc Am. 2008 May;123(5):2836-47. doi: 10.1121/1.2897047.

Vocal emotion recognition by normal-hearing listeners and cochlear implant users. Xin Luo, Fu QJ, **Galvin JJ 3rd.** Trends Amplif. 2007 Dec;11(4):301-15. doi: 10.1177/1084713807305301.

Perceptual learning and auditory training in cochlear implant recipients. Fu QJ, **Galvin JJ 3rd.** Trends Amplif. 2007 Sep;11(3):193-205. doi: 10.1177/1084713807301379.

Melodic contour identification by cochlear implant listeners. **Galvin JJ 3rd,** Fu QJ, Nogaki G. Ear Hear. 2007 Jun;28(3):302-19. doi: 10.1097/01.aud.0000261689.35445.20.

Recognition of simulated telephone speech by cochlear implant users. Fu QJ, **Galvin JJ 3rd.** Am J Audiol. 2006 Dec;15(2):127-32. doi: 10.1044/1059-0889(2006/016).

Effects of stimulation mode, level and location on forward-masked excitation patterns in cochlear implant patients. Chatterjee M, **Galvin JJ 3rd,** Fu QJ, Shannon RV. J Assoc Res Otolaryngol. 2006 Mar;7(1):15-25. doi: 10.1007/s10162-005-0019-2.

Voice gender identification by cochlear implant users the role of spectral and temporal resolution. Fu QJ, Chinchilla S, Nogaki G, **Galvin JJ 3rd.** J Acoust Soc Am. 2005 Sep;118(3 Pt 1):1711-8. doi: 10.1121/1.1985024. PMID: 16240829

Effects of stimulation rate, mode and level on modulation detection by cochlear implant users. **Galvin JJ 3rd,** Fu QJ. J Assoc Res Otolaryngol. 2005 Sep;6(3):269-79. doi: 10.1007/s10162-005-0007-6.

Auditory training with spectrally shifted speech implications for cochlear implant patient auditory rehabilitation. Fu QJ, Nogaki G, **Galvin JJ 3rd.** J Assoc Res Otolaryngol. 2005 Jun;6(2):180-9. doi: 10.1007/s10162-005-5061-6.

Effects of auditory training on adult cochlear implant patients a preliminary report. Fu QJ, **Galvin J,** Wang X, Nogaki G. Cochlear Implants Int. 2004 Sep;5 Suppl 1:84-90. doi: 10.1179/cim.2004.5.Supplement-1.84.

The role of spectral and temporal cues in voice gender discrimination by normal-hearing listeners and cochlear implant users. Fu QJ, Chinchilla S, **Galvin JJ.** J Assoc Res Otolaryngol. 2004 Sep;5(3):253-60. doi: 10.1007/s10162-004-4046-1.

The number of spectral channels required for speech recognition depends on the difficulty of the listening situation. Shannon RV, Fu QJ, **Galvin J 3rd.** Acta Otolaryngol Suppl. 2004 May;(552):50-4. doi: 10.1080/03655230410017562.

Perceptual learning following changes in the frequency-to-electrode assignment with the Nucleus-22 cochlear implant.Fu QJ, Shannon RV, **Galvin JJ 3rd.** J Acoust Soc Am. 2002 Oct;112(4):1664-74. doi: 10.1121/1.1502901.

Holes in hearing.pdf. Shannon RV, **Galvin JJ 3rd,** Baskent D. J Assoc Res Otolaryngol. 2002 Jun;3(2):185-99. doi: 10.1007/s101620020021. PMID: 12162368

Speech dynamic range and its effect on cochlear implant performance. Zeng FG, Grant G, Niparko J, **Galvin J,** Shannon R, Opie J, Segel P. J Acoust Soc Am. 2002 Jan;111(1 Pt 1):377-86. doi: 10.1121/1.1423926.

Recognition of spectrally asynchronous speech by normal-hearing listeners and Nucleus-22 cochlear implant users. Fu QJ, **Galvin JJ 3rd.** J Acoust Soc Am. 2001 Mar;109(3):1166-72. doi: 10.1121/1.1344158.

Recognition of time-distorted sentences by normal-hearing and cochlear-implant listeners. Fu QJ, **Galvin JJ 3rd,** Wang X. J Acoust Soc Am. 2001 Jan;109(1):379-84. doi: 10.1121/1.1327578.