

## PRESENTATIONS

### A. Invited

- "Significance of Temporal Acuity in Audition," presented to the North Central Regional Meeting of the American Speech and Hearing Association, May 10, 1975.
- "Hearing Sciences," Indiana Speech and Hearing Association Professional Review Course, June 21, 1976.
- "Temporal Factors in Auditory Perception," (with S. B. Resnick). Mini-seminar presented at the meeting of the American Speech and Hearing Association, Nov. 1975.
- "A Way to Take a Closer Look at Auditory Function," (with H. O'Malley). Mini-seminar presented at the meeting of the American Speech and Hearing Association, Nov. 1978.
- "The Use of Threshold Masking Curves to Determine Frequency Selectivity in Humans," presented at the meeting of the Association for Research in Otolaryngology, Jan. 1979.
- "Do Hearing Aids Cause Hearing Loss?" with C.A. Binnie, C.R. Mason, A. E. Carney, and W. A. Cooper, Jr., Mini-seminar presented at the meeting of the American-Speech-Language-Hearing Association, Nov. 1981.
- "Workshop on Grant Writing: How to Maximize Your Chances for Funding," with E. Meyen, J. Abbs, R. Bilger, and L. Snyder, two-part double mini-seminar presented at the meeting of the American Speech-Language-Hearing Association, Nov. 1983.
- "A Boring Approach to Computer Education," presented to the ASHA Computer Technology Leadership Conference, New Orleans, Sept. 21-23, 1984.
- "Applications of the IWAIF model to auditory processing of dynamic signals," Conference on Implantable Auditory Prostheses Asilomar, CA. Aug. 20-24, 1995.
- "Psychophysics of hearing; Current perspectives on human perception and discrimination of sound," Perceptual Consensus Meeting for Auditory-Perceptual Evaluation of Voice Pittsburgh, PA. June 10-11, 2002
- "Psychophysics of the Dynamic Spectral Center-of-Gravity Effect," NATO Advanced Speech Institute: "Dynamics of Speech Production and Perception" il Ciocco, Italy, June 24 – July 6, 2002.
- "Preparation of Doctoral Students for Academic Careers," Academic/Researcher Town Meeting at the American Speech-Language-Hearing Association meeting Philadelphia, PA, Nov. 17, 2004.
- "Mentoring PhD Students, A discussion at the Council of Academic Program in Communication Sciences and Disorders Forum, Sandestin, FL, April, 29, 2006.
- "Incorporating Standards into an Instrumentation Class," Special Session on Using Standards in Education, Abstract: J. Acoust. Soc. Amer. 141, part 2, 3687, 2017.

### B. Contributed

- "Frequency Difference Limen Using Frequency Modulated Tones" - L.L. Feth and R. V. Wolf. Abstract: J. Acoust. Soc. Amer. 46, 80 (1969).
- "Perstimulatory Shifts in the Difference Limen for Frequency" - R.C. Bilger, L.L. Feth, and W.H. Jesteadt. Abstract: J. Acoust. Soc. Amer. 46, 80 (1969).
- "Detection in Non-Gaussian Noises" - L.L. Feth. Abstract: J. Acoust. Soc. Amer. 48, 77 (1970).
- "Discrimination of Members of a Common Envelope Set" - L.L. Feth. Abstract: J. Acoust. Soc. Amer. 49, 80 (1971).
- "A Direct Test of the Saturation Models" - L.L. Feth. Presented at the 1970 meeting of

- the American Speech and Hearing Association, New York, NY.
- "Interaction of Amplitude and Frequency Discrimination" - L.L. Feth. Abstract: J. Acoust. Soc. Amer. 51, 125 (1972).
- "Signal Detection as a Function of Interaural Intensity" - W. A. Yost, M.J. Penner, and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 51, 115 (1972).
- "Rippled Noise Investigation of Lateral Inhibition in the Ear" - L.L. Feth, D. M. Green, and W. A. Yost. Abstract: J. Acoust. Soc. Amer. 52, 140 (1972).
- "Are There Mach Bands in Hearing?" - L.L. Feth, D. M. Green, and W. A. Yost. Meeting of the American Speech and Hearing Association, San Francisco, (1972)
- "Applications of the Pulsation Pattern Technique to Auditory Testing" - W.M. Aldrich and L.L. Feth. Presented at the 1973 meeting of the American Speech and Hearing Association, Detroit, Michigan.
- "Discriminability of Time-Reversed Click Pairs: Intensity Effects" - S. B. Resnick and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 55, S31 (1974).
- "Frequency Discrimination of Complex Periodic Tones" - L.L. Feth and J.G. Wales. Abstract: J. Acoust. Soc. Amer. 57, S27 (1975).
- "Discriminability of Modified Time Reversed Click Pairs" - S. B. Resnick and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 57, S6 (1975).
- "Temporal Summation of Masker Energy in Forward Masking" - L.L. Feth and H. O'Malley. Abstract: J. Acoust. Soc. Amer. 58, S34 (1975).
- "Effects of Noise Exposure on Pulsation Threshold Curves" - R. J. Balthazor, W. A. Cooper, Jr., and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 59, S3 (1976).
- "Effect of Hearing-Aid Microphone Location on the Intelligibility of Hearing-Aid Transduced Speech" - J. R. Franks, L.L. Feth, and R.G. Daniloff. Abstract: J. Acoust. Soc. Amer. 59, S69 (1976).
- "The Effect of Head Diffraction on the Sound Field in the Frequency Response of a Hearing Aid for Three Different Locations of the Microphone" - J. R. Franks, L.L. Feth, and R.G. Daniloff. Presented at the 1976 meeting of the American Speech and Hearing Association, Houston, Texas.
- "Pitch of Two-Tone Complexes" - L.L. Feth, J.W. Ramsey, and H. O'Malley. Abstract: J. Acoust. Soc. Amer. 61, S50 (1977).
- "Relationship between Auditory Frequency Selectivity and Two-Tone Suppression" - H. O'Malley and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 63, S30 (1978).
- "Comparison of Pure-Tone with Two-Tone Discrimination" - L.L. Feth and L.J. Stover. Abstract: J. Acoust. Soc. Amer. 65, S38 (1979).
- "Frequency Selectivity Measured by a Forward Masking Paradigm" - G. Kidd, Jr., L.L. Feth, E. M. Burns, and C.R. Mason. Abstract: J. Acoust. Soc. Amer. 65, S58 (1979).
- "Temporal Organization of Auditory and Phonetic Analyses in Speech Discrimination" - C. J. Miller, L.L. Feth, and R.G. Daniloff. Abstract: J. Acoust. Soc. Amer. 65, S115 (1979).
- "Frequency Selectivity after Noise Exposure" - L.L. Feth, E. C. Oesterle, and G. Kidd, Jr. Abstract: J. Acoust. Soc. Amer. 65, S118 (1979).
- "Predicting the Results of Forward Masking Experiments for Tonal Probes and Maskers" - G. Kidd, Jr., K. A. Wilcox, and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 67, S8 (1980).
- "Measures of Auditory Frequency Selectivity Using Forward Masking: Effects of Masker-Probe Time Delay and Masker Duration" - G. Kidd, Jr., L.L. Feth, A. Goodman, and C.R. Mason. Abstract: J. Acoust. Soc. Amer. 67, S9 (1980).
- "Pitch of Whispered Vowels" - E. C. Oesterle, L.L. Feth, and E. M. Burns. Abstract: J. Acoust. Soc. Amer. 67, S20 (1980).

- "Frequency Selectivity in Hearing-Impaired Listeners after Exposure to Noise" - L.L. Feth, G. Kidd, Jr., E. M. Burns, and C.R. Mason. Abstract: J. Acoust. Soc. Amer. 67, S60 (1980).
- "Suppressing the Suppressor: Component Interaction in the Presence of Low Band-Pass Noise" - S. L. Brady, L.L. Feth, and H. O'Malley. Abstract: J. Acoust. Soc. Amer. 68, S1 (1980).
- "Temporal Integration of Forward Masking in Normal and Hearing-Impaired Listeners" - G. Kidd, Jr., L.L. Feth, M. A. Corban, and C. Beachler. Abstract: J. Acoust. Soc. Amer. 68, S1 (1980).
- "Psychophysical Tuning Curves in Normal-Hearing and Hearing-Impaired Listeners: Effects of Masker Duration" - C.R. Mason, G. Kidd, Jr., L.L. Feth, M. A. Corban, C.A. Binnie, A. E. Carney, and WA Cooper. Abstract: J. Acoust. Soc. Amer. 69 S65 (1981).
- "Pitch of Narrow-Band Signals" - L.J. Stover, L.L. Feth, and E. M. Burns. Abstract: J. Acoust. Soc. Amer. 69, S118 (1981).
- "Discriminability of Unresolved Two-Component Complex Tones: Effects of Signal Level and Duration" - J.B. Mott and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 71, S71 (1982).
- "Masking Patterns for Unresolved Two-Component Complex Tones" - V.M. Kirby and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 71, S71 (1982).
- "High Frequency Pitch Perception" - E. M. Burns and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 73, S44 (1983).
- "The Perception of Individual Harmonics of a Rippled-Spectrum" - E. M. Burns, M. A. Corban, L.L. Feth, and V.M. Kirby. Abstract: J. Acoust. Soc. Amer. 74, S38 (1983).
- "Auditory Temporal Acuity Following Noise Exposure" - C.A. Champlin and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 77, S82 (1985).
- "Effects of Noise on Forward Masking" - L.L. Feth, J.B. Mott, and L.L. Hengstenberg. J. Acoust. Soc. Amer. 77, S83 (1985).
- "Confusion Effects in Simultaneous Masking" - J.B. Mott and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 79, S48 (1986).
- "EWAIF: Envelope-Weighted Average of Instantaneous Frequency Model Applied to Complex Sound Perception" - L.L. Feth, L.J. Stover, and R.A. Gerren. Association for Research in Otolaryngology, Tenth Midwinter Research Meeting (1987).
- "Effects of Brief, Intense Tones on Auditory Temporal Acuity" - C.A. Champlin and L.L. Feth. Abstract: J. Acoust. Soc. Amer. 81, S76 (1987).
- "Auditory Temporal Acuity Measured in Normal Hearing Listeners Using Transient Signals" - R.A. Gerren, L.L. Feth, and L.J. Stover. Association for Research in Otolaryngology, Eleventh Midwinter Research Meeting. 227, (1988).
- "Complex Sound Discrimination Predictions: Tests of the EWAIF Model" - L.L. Feth, L.J. Stover, and R.A. Gerren. Association for Research in Otolaryngology, Eleventh Midwinter Research Meeting 288 (1988).
- "Complex Sound Discrimination: Predictions of the EWAIF Model," - L.L. Feth, L.J. Stover and R.A. Gerren. Abstract: J. Acoust. Soc. Amer. 83, S35 (1988).
- "Envelope-Weighted Average of Instantaneous Frequency Model for Auditory Processing of Complex Sounds." - L.L. Feth, L.J. Stover, R.A. Gerren and M. E. Neill. Association for Research in Otolaryngology, Twelfth Midwinter Research Meeting 34 (1989).
- "Auditory Temporal Acuity for Dynamic Signals." - L.L. Feth, M. E. Neill and A. K. Krishnamurthy. Abstract: J. Acoust. Soc. Amer. 86, S122 (1989).

- "Envelope-weighted average of instantaneous frequency (EWAIF) model applied to narrow bandwidth signals." - L.L. Feth, Abstract: J. Acoust. Soc. Amer. 88, S48 (1990).
- "Discrimination of FM glide direction and slope." - L.L. Feth, M. E. Neill and C.Y. Hsu. Abstract: J. Acoust. Soc. Amer. 88, S48 (1990).
- "Discrimination of frequency-modulated glides using a roving-frequency paradigm," L. L. Feth, M. E. Neill and C. Y. Hsu. Association for Research in Otolaryngology, Fourteenth Midwinter Meeting, 100 (1991).
- "Temporal resolution of frequency-modulated signals by hearing-impaired listeners," J. P. Madden and L. L. Feth. Abstract: J. Acoust. Soc. Amer. 89, S2008 (1991).
- "Dichotic profile analysis," G. M. Whitelaw, C. Y. Hsu and L. L. Feth. Abstract: J. Acoust. Soc. Amer. 88, S1912 (1991).
- "Temporal resolution of frequency-modulated tones," J. P. Madden and L. L. Feth. Presented at the annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA. (1991).
- "Dynamic Processes in the Precedence Effect: A Partial Replication of Clifton and Freyman's Echo Suppression Effect and an Attempt to Extend it to Headphone Listening," P. Burton and L. L. Feth. Association for Research in Otolaryngology, Sixteenth Midwinter Meeting, 50 (1993).
- "Discrimination of broadband, multi-component, common envelope signals," J.N. Anantharaman, A. K. Krishnamurthy and L.L Feth, Abstract: J. Acoust. Soc. Amer. 93, S2387 (1993).
- "Short-term IWAIF model for frequency discrimination," A. K. Krishnamurthy and L.L Feth, Abstract: J. Acoust. Soc. Amer. 93, S2387 (1993).
- "Discriminability of three-tone, common envelope signals," J. N. Anantharaman, L. L. Feth and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. 95, 2964, (1994).
- "Detection of frequency modulation in steady and gliding tones," T. Zhang, L. L. Feth and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. 95, 2965, (1994).
- "A LabVIEW companion for signals and systems," M. G. Gillman, L. L. Feth and K. Barin, presented at the annual meeting of the American Speech-Language-Hearing Association, New Orleans, LA. (1994).
- "IWAIF Model Predictions of a profile analysis task," M. A. Ericson, L. L. Feth and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. vol. 97, (1995).
- "On the perceptual asymmetry in frequency modulation discrimination." T. Zhang, L. L. Feth and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. vol. 97, (1995).
- "Synthesis of common-envelope pairs," J. Anantharaman, A. K. Krishnamurthy and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 97, (1995).
- "A correlated channels model for complex sound discrimination," T. Zhang, L. L. Feth and A. K. Krishnamurthy, Midwinter meeting of the ARO St. Petersburg Beach, FL (Feb. 1995).
- "Intensity Weighted Average of Instantaneous Frequency Computations Using Time-Frequency Representations." J. N. Anantharaman, A. K. Krishnamurthy and L. L. Feth Abstract: J. Acoust. Soc. Amer. vol. 99, (1996).
- "Detection of Frequency-Modulated Signals by Cochlear-Implant Users," I. R. Bicknell and L. L. Feth Abstract: J. Acoust. Soc. Amer. vol. 99, (1996).
- "Testing the 'center-of-gravity' effect for vowel-like complex sounds." L. L. Feth, J. L. Lester, Q. Xu and J. Ross Abstract: J. Acoust. Soc. Amer. vol. 100, (1996).
- "Bandwidth of spectral resolution for the C-O-G effect in vowel-like complex sounds," Q. Xu, L. L. Feth, J. N. Anantharaman, and A. K. Krishnamurthy Abstract: J. Acoust. Soc. Amer. vol. 101, (1997).

- "The 'center-of-gravity' effect in dynamic tones," J. N. Anantharaman, A. K. Krishnamurthy and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 102, (1997).
- "Detection of Doppler-like signals," M. A. Ericson and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 103, (1998).
- "Interactive experiences in acoustics," L. L. Feth and M. Gillman, Abstract: J. Acoust. Soc. Amer. vol. 104, (1998).
- "Origins of the IWAIF model," L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 106, (1999).
- "Structural variables and their relationship to background noise levels and reverberation times in unoccupied classrooms," H. K. Knecht, G. M. Whitelaw, L. L. Feth and P. B. Nelson, Abstract: J. Acoust. Soc. Amer. vol. 106, (1999).
- "A comparison of two auditory models using monaural, Doppler-like signals," M. A. Ericson and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 106, (1999).
- "Just discriminable change of velocity of a simulated moving sound source," S. M. Hassett and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 106, (1999).
- "Telephone speech enhancement for elderly hearing-impaired listeners," A. E. Sheffield, A. K. Krishnamurthy, L. L. Feth, S. Davidson, E. Hoglund, and L. Roth, Abstract: J. Acoust. Soc. Amer. vol. 106, (1999).
- "Effects of acoustic energy on human gingival fibroblast proliferation and protein synthesis," H. Jones, L. Feth, D. Rumpf, A. Hefti and A. Mariotti, J. Dental Research, 79:310, (2000).
- "Comparing single- and two-channel telephone speech enhancement for elderly hearing-impaired listeners," A. E. Sheffield, A. K. Krishnamurthy, S. Davidson, and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 107, (2000).
- "Temporal resolution of frequency-modulated and virtual frequency signals," N. Iyer, L. L. Feth, and R. Sridharan, Abstract: J. Acoust. Soc. Amer. vol. 107, (2000).
- "Saliency of the virtual glide," Eaton, B., A. Sheffield, Y. Du and L. Feth, Association for Research in Otolaryngology, Twenty-third Midwinter Meeting, p 105, (2000).
- "Center of gravity effects in the perception of virtual formant transitions," N. Iyer, E. Jacewicz, L.L. Feth and R. A. Fox, Abstract: J. Acoust. Soc. Amer. vol. 109, (2001).
- "Transient otoacoustic emissions and frequency selectivity," J. L. Hazelbaker and L. L. Feth, J. Acoust. Soc. Amer. Abstract: vol. 109, (2001).
- "Dynamic center-of-gravity effects in consonant-vowel transitions," E. Jacewicz, N. Iyer, R. A. Fox and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 110, (2001).
- "Masking Patterns using FM and Virtual Frequency (VF) Signals: Effects of Transition Direction and Duration," N. Iyer and L. L. Feth, Association for Research in Otolaryngology, Twenty-fifth Midwinter Meeting, p22, (2002).
- "Telephone speech enhancement for hearing-impaired listeners using multi-channel compression," H. P. Natarajan, A. K. Krishnamurthy, and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 111, (2002).
- "Virtual glides and duplex perception," R. A. Fox, L. L. Feth, E. Jacewicz, and N. Iyer, Abstract: J. Acoust. Soc. Amer. vol. 111, (2002).
- "Center-of-gravity effect in the perception of high front vowels," E. Jacewicz and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 112, (2002).
- "Melody recognition with synthetic spectral pitch," J. Liu, H. B. Chen, L. L. Feth, and F-G. Zeng, Conference on Implantable Auditory Prostheses, 145, Pacific Grove, CA. (2003).
- "Discrimination of dynamic frequency sounds and a multi-channel detector model," V. Rajendran, A. K. Krishnamurthy, and L. L. Feth, Abstract: J. Acoust. Soc. Amer. vol. 114, (2003).

- "Melody Recognition of Band-Limited Noise with Synthetic Spectral Pitch," J. Liu, H. Chen, L. L. Feth, F-G Zeng, Association for Research in Otolaryngology, Twenty-seventh Midwinter Meeting, p196, (2004).
- "Perceptual Spectral Centroid Model for Complex-Sound Discrimination and C-V Identification," L. L. Feth, A. K. Krishnamurthy, and V. Rajendran, American Auditory Society Bulletin vol. 29, p. 15, (Feb. 2004).
- "Discrimination of common-envelope signals: Comparison of static and dynamic frequency sounds," L.L. Feth, D. Hudson, D. Hack, V. Ranendran, and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. vol. 115, (2004).
- "Improving telephone communication success for elderly individuals with hearing loss," S. A. Davidson, L. L. Feth, and A. K. Krishnamurthy, Presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, November, (2004).
- "Auditory spectral integration of dynamic signals," L.L. Feth, D. Hack, and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. vol. 117, (2005).
- "The Effect of Stimulus Bandwidth On the Contralateral Suppression of the Tone Burst Evoked Oto-Acoustic Emissions," Mahnaz Ahmadi, Lawrence L Feth, Amirabbas Ebrahimi, Saied Farahani, Yousef Salimpour, Soghra Faghihzadeh, American Auditory Society meeting March, 2006.
- "Dynamic COG Effects: Matching Virtual Frequency and FM Glides," E. M. Hoglund, S. M. Kreidler, and L. L. Feth, American Auditory Society meeting March, 2006.
- "Dynamic center of gravity effects: Matching virtual frequency glides," E. M. Hoglund, L. L. Feth, and A. K. Krishnamurthy, Abstract: J. Acoust. Soc. Amer. vol. 120, (2006).
- "Spectral and Temporal Integration for Brief Tones," E. M. Hoglund and L. L. Feth, American Auditory Society meeting (March, 2008).
- "Informational Masking of Dynamic COG Signals," G. L. Poling and L. L. Feth, American Auditory Society meeting (March, 2008).
- "Auditory Spectral Integration for Virtual-Glide Signals," S. E. Seeman and L. L. Feth, American Auditory Society meeting (March, 2008).
- "Informational Masking of Virtual Frequency Glides," G. L. Poling and L. L. Feth. Abstract: J. Acoust. Soc. Amer., 123, (2008).
- "Multiple looks in spectro-temporal integration," E.M. Hoglund and L.L Feth, Abstract: J. Acoust. Soc. Amer., 123, (2008).
- "Tone-glide direction identification revisited," L.L. Feth, and E.M. Hoglund, Abstract: J. Acoust. Soc. Am., 124, (2008).
- "Informational masking of virtual frequency glides," G.L. Poling, and L.L Feth. Abstract: J. Acoust. Soc. Am., 124, (2008).
- "Modeling the Masking of Low Frequency Signals by High Frequency, High Level Narrow Bands of Noise," H. Patra, L.L. Feth, & C.M. Roup, Association for Research in Otolaryngology, Thirty-second Midwinter Meeting, 302 (2009).
- "Reduced Informational Masking Effects with Expert Listeners", L.L., Feth, E.M Hoglund and E. Laughlin, presented at the American Auditory Society meeting, (March 2009).
- "Effects of Frequency Modulation on Target-Masker Similarity in Informational Masking", G. L. Poling and L.L. Feth, presented at the American Auditory Society meeting, (March 2009).
- "Informational Masking: The Impact of Frequency Selectivity on Stimulus Uncertainty", S. E. Seeman, and L. L. Feth, presented at the American Auditory Society meeting, (March 2009).
- "Difference limen for dynamic center-of-gravity signals", H.D. Hudson, E.M. Hoglund, and L.L. Feth, Abstract: J. Acoust. Soc. Am., 125, (2009).

- “Spectrotemporal Integration in Normal and Hearing Impaired Listeners”, (2010) E.M Hoglund and L. L. Feth, presented at the National Hearing Conservation Association, (Feb 2010).
- “Spectrotemporal integration in listeners with normal hearing and those with noise induced hearing loss: An application of the Meddis Matlab Auditory Periphery (MAP) model.”, L. L., Feth, E. M. Hoglund, Y. Oh, and R. Meddis, Presented at the Joint 159th ASA Meeting and Noise-Con 2010, Baltimore, MD, Abstract: J. Acoust. Soc. Am. 127, (2010).
- “Integration of brief tones in quiet and noise”, E. M. Hoglund, L. L. Feth, and Y. Oh, presented at the American Auditory Society meeting, (March 2011).
- “Binaural synthesis of virtual moving sound sources”, J. T. Hamil, A. K. Krishnamurthy, and L. L. Feth, Abstract: J. Acoust. Soc. Am. 129, (2011)
- “Spectrotemporal integration in listeners with normal hearing and those with noise-induced hearing loss”, E. M. Hoglund, Y. Oh, and L. L. Feth, Abstract: J. Acoust. Soc. Am. 129, (2011).
- “Benchmark measurements of noise, reverberation time, and an estimate of speech intelligibility in a representative operating room at Nationwide Children's Hospital in Columbus, Ohio”, R. D. Godfrey, L. L. Feth, and P. Winch, Abstract: J. Acoust. Soc. Am. 130, (2011)
- “A modified channel model for the auditory peripheral system”, Y. Oh, E.M., Hoglund, and L. L. Feth, Abstract: J. Acoust. Soc. Am. 131, (2012).
- “Effects of listener bias on auditory acuity for aircraft in real-world ambient environments”, M. J. Davis, L. L. Feth, M. Spottswood, and J. Hall. Abstract: J. Acoust. Soc. Am. 132, (2012)
- “Modulation difference limen for spectral center-of-gravity signals”, A. E. Stewart, E. M Hoglund, Y. Oh, and L. L. Feth, Abstract: J. Acoust. Soc. Am. 132, (2012)
- “Extending Schroeder-phase masking: Influence of direction and shape of masker instantaneous frequency”, E M Hoglund; Y Oh; J. F. Hribar; K. J. Wittum; M. L. Strang; L. L. Feth, Abstract: J. Acoust. Soc. Am., 133, (2013)
- “The Effects of Surgical Masks on Speech Perception”, P. D. Winch, K. M. Wittum, L. L. Feth, E. M. Hoglund, American Society of Anesthesiologists, San Francisco, (Oct. 2013).
- “Testing a nonlinear computational channel model for masker phase effects”, Y. Oh, E. M. Hoglund, and L. L. Feth, Abstract: J. Acoust. Soc. Am., 135, (2014).
- “Phase effects using chirp maskers”, N. A. Klyn, Y. Oh, E. M. Hoglund, and L. L. Feth, Abstract: J. Acoust. Soc. Am., 135, (2014).
- “Optimizing masker phase effects for use in a portable hearing screening tool”, E. M. Hoglund, L. L. Feth, Y. Oh. and N. Klyn, Abstract: J. Acoust. Soc. Am., 135, (2014).
- “Testing a nonlinear computational channel model for masker phase effects,” Yonghee Oh, E. M. Hoglund, and L. L. Feth J. Acoust. Soc. Am., 135, 2164 (2014); <http://doi.org/10.1121/1.4877028>
- “An adaptive procedure for estimating the auditory-filter phase response,” N.A. Klyn and L. L. Feth Abstract: J. Acoust. Soc. Am., 137, (2015).
- “Effect of smartphone orientation on sound level measurement,” Niall A. Klyn, and L. L. Feth, J. Acoust. Soc. Am., 139, 1996 (2016); <http://doi.org/10.1121/1.4949853>
- “Testing a computational model for detection of ‘real-world’ sounds,” Hoglund, E.M, N.A. Klyn, K. Lerud, Y. Oh, E. Large, and L.L. Feth, Abstract: J. Acoust. Soc. Am., 140, 3273 (2016); <http://doi.org/10.1121/1.4970391>