

## CURRICULUM VITA

### Fuh-Cherng (Fuh) Jeng

Communication Sciences and Disorders  
School of Rehabilitation and Communication Sciences  
Ohio University

#### ACADEMIC PREPARATION

*PhD*            2006            Speech and Hearing Sciences, The University of Iowa, USA  
*MD*            1992            Medicine, China Medical University, Taiwan

#### CERTIFICATION AND LICENSURE

Supervised Clinical Practicum in Audiology – 386 hours, The University of Iowa, USA, 8/23/05  
Certification: Taiwan Society of Otolaryngology Head and Neck Surgery, 6/23/1998 – 6/22/2022  
Licensure: Otolaryngologist (license No. 001126), Taiwan, 6/23/1998 – 6/22/2022

#### PROFESSIONAL WORK EXPERIENCE

June 2019 – present      Professor, Communication Sciences and Disorders, Ohio University, Athens, OH, USA. Note: My promotion to a full professor has been approved by OU President and Provost on April 1, 2019, effective academic year 2019-20.

June 2012 – May 2019    Associate Professor, Communication Sciences and Disorders, Ohio University, Athens, OH, USA

Sep. 2006 – May 2012    Assistant Professor, Communication Sciences and Disorders, Ohio University, Athens, OH, USA

June 2005 – July 2006    Research Assistant, Department of Speech Pathology and Audiology, The University of Iowa, Iowa City, IA, USA

Aug. 2004 – May 2005    Teaching Assistant, Department of Speech Pathology and Audiology, The University of Iowa, Iowa City, IA, USA

Jan. 2002 – July 2004    Research Assistant, Department of Speech Pathology and Audiology, The University of Iowa, Iowa City, IA, USA

June 1999 – Dec. 2001    Adjunct Lecturer, College of Medicine, China Medical University, Taichung, Taiwan

June 1999 – Dec. 2001    Otolaryngologist, Department of Otolaryngology – Head and Neck Surgery, China Medical University Hospital, Taichung, Taiwan

June 1998 – May 1999    Otolaryngologist, Taiwan Otolaryngological Society, Taipei, Taiwan

July 1994 – June 1998    Resident Physician, Department of Otolaryngology – Head and Neck Surgery, Cathay General Hospital, Taipei, Taiwan

July 1992 – June 1994    Mandatory Military Service, 817<sup>th</sup> Army Hospital, Taipei, Taiwan

June 1990 – May 1992    Surgery Intern, Chang-Gung Memorial Hospital, Taoyuan, Taiwan

#### PROFESSIONAL SOCIETIES

1. American Auditory Society, USA, January 2009 – present
2. Acoustical Society of America, USA, January 2007 – present
3. Taiwan Otolaryngology Society, Taiwan, July 1994 – present
4. Association for Research in Otolaryngology, USA, January 2005 – 2010

5. Gerontological Society of Taiwan, Taiwan, March 1998 – 2004
6. Speech-Language-Hearing Association, Taiwan, November 2000 – December 2003

## SCHOLARLY ACCOMPLISHMENTS

### *Refereed Publications*

A complete list of my peer-reviewed publications can be found in PubMed via the link here.  
<http://www.ncbi.nlm.nih.gov/sites/myncbi/FuhJeng/bibliography/51226357/public/?sort=date&direction=descending>

1. Xu, L., Skidmore, J., Chao, X., **Jeng, F.-C.**, Wang, R., Luo, J., Wang, H., He, S. (under review) The effect of interphase gap on neural response of the electrically-stimulated cochlear nerve in children with cochlear nerve deficiency and children with normal-sized cochlear nerves. *Ear Hear*, (submitted on 4/5/2019).
2. Hart, B. N. & **Jeng, F.-C.** (2018) Machine-learning in detecting frequency-following responses. *Proc Mtgs Acoust – Acoust Soc Am*, 35, e050002 (pages 1-7).  
<https://asa.scitation.org/doi/10.1121/2.0000931> (Note: The first author Breanna Hart is a PhD student under my mentorship)
3. Stump, K. M. & **Jeng, F.-C.** (2018) Frequency-following responses elicited by a consonant-vowel with an intonation. *Proc Mtgs Acoust – Acoust Soc Am*, 35, e050001 (pages 1-7). <https://asa.scitation.org/doi/10.1121/2.0000930> (Note: The first author Kristin Stump is an AuD student under my mentorship)
4. **Jeng, F.-C.**, Nance, B., Montgomery-Reagan, K., & Lin, C.-D. (2018) Exponential modeling of frequency-following responses in American neonates and adults. *J Am Acad Audiol*, 29(2), 125-134. [www.doi.org/10.3766/jaaa.16135](http://www.doi.org/10.3766/jaaa.16135)
5. **Jeng, F.-C.**, Lee, C.-Y., McDonald, T. N., Ganch, H. M., Teets, E. A., & Hart N. B. (2017). Subcortical frequency-coding errors are linked to speaker-variability intolerance in normal-hearing adults. *J Acoust Soc Am – Express Letters*, 142, EL270-275.  
[www.doi.org/10.1121/1.5002150](http://www.doi.org/10.1121/1.5002150)
6. **Jeng, F.-C.**, Lin, C.-D., Chou, M.-S., Hollister, G. R., Sabol, J. T., Mayhugh, G. N., Wang, T.-C. & Wang C.-Y. (2016a). Development of subcortical pitch representation in three-month-old Chinese infants. *Percept Mot Skills*, 122, 123-135.  
[www.doi.org/10.1177/0031512516631054](http://www.doi.org/10.1177/0031512516631054)
7. **Jeng, F.-C.**, Lin, C.-D., Sabol, J. T., Hollister, G. R., Chou, M.-S., Chen, C.-H., Kenny, J. E., & Tsou, Y.-A. (2016b). Pitch perception and frequency-following responses elicited by lexical-tone chimeras. *Int J Audiol*, 55, 53-63.  
[www.doi.org/10.3109/14992027.2015.1072774](http://www.doi.org/10.3109/14992027.2015.1072774)
8. **Jeng, F.-C.**, Lin, C.-D., & Wang, T.-C. (2016c). Subcortical neural representation to Mandarin pitch contours in American and Chinese newborns. *J Acoust Soc Am*, 139(6), EL190-195. [www.doi.org/10.1121/1.4953998](http://www.doi.org/10.1121/1.4953998)
9. Chou, M.-S., Lin, C.-D., Wang, T.-C., & **Jeng, F.-C.** (2014). Recording frequency-following responses to voice pitch in guinea pigs – preliminary results. *Percept Mot Skills*, 118(3), 681-690. [www.doi.org/10.2466/22.24.PMS.118k28w1](http://www.doi.org/10.2466/22.24.PMS.118k28w1) [Note: Jeng F.-C. is the corresponding author of this paper.]
10. **Jeng, F.-C.**, Peris, K. S., Hu, J., & Lin, C.-D. (2013). Evaluation of an automated procedure for detecting frequency-following responses in American and Chinese neonates. *Percept Mot Skills*, 116(2), 456-465.  
[www.doi.org/10.2466/24.10.PMS.116.2.456-465](http://www.doi.org/10.2466/24.10.PMS.116.2.456-465)

11. **Jeng, F.-C.** & Hu, J. (2013). An automated procedure for detecting human frequency following responses to voice pitch. *Proc Mtgs Acoust – Acoust Soc Am*, 19, e050033 (pages 1-7). [www.doi.org/10.1121/1.4799320](http://www.doi.org/10.1121/1.4799320)
12. Chung, H.-K., Tsai, C.-H., Lin, Y.-C., Chen, J.-M., Tsou, Y.-A., Wang, C.-Y., Lin, C.-D., **Jeng, F.-C.**, Chung, J.-G., & Tsai, M.-H. (2012). Effectiveness of theta-burst repetitive transcranial magnetic stimulation (rTMS) for treating chronic tinnitus. *Audiol Neurootol*, 17, 112-120. [www.doi.org/10.1159/000330882](http://www.doi.org/10.1159/000330882)
13. **Jeng, F.-C.**, Chung, H.-K., Lin, C.-D., Dickman, B. M., & Hu, J. (2011a). Exponential modeling of human frequency-following responses to voice pitch. *Int J Audiol*, 50, 582-593. [www.doi.org/10.3109/14992027.2011.582164](http://www.doi.org/10.3109/14992027.2011.582164)
14. **Jeng, F.-C.**, Costilow, C. E., Stangerlin, D. P., & Lin, C.-D. (2011b). Relative power of harmonics in human frequency-following responses associated with voice pitch in American and Chinese adults. *Percept Mot Skills*, 113(1), 67-86. [www.doi.org/10.2466/10.24.PMS.113.4.67-86](http://www.doi.org/10.2466/10.24.PMS.113.4.67-86)
15. **Jeng, F.-C.**, Hu, J., Dickman, B. M., Lin, C.-Y., Lin, C.-D., Wang, C.-Y., Chung, H.-K., & Li, X. (2011c). Evaluation of two algorithms for detecting human frequency-following responses to voice pitch. *Int J Audiol*, 50(1), 14-26. [www.doi.org/10.3109/14992027.2010.515620](http://www.doi.org/10.3109/14992027.2010.515620)
16. **Jeng, F.-C.**, Hu, J., Dickman, B. M., Montgomery-Reagan, K., Tong, M., Wu, G., & Lin, C.-D. (2011d). Cross-linguistic comparison of frequency-following responses to voice pitch in American and Chinese neonates and adults. *Ear Hear*, 32(6), 699-707. [www.doi.org/10.1097/AUD.0b013e31821cc0df](http://www.doi.org/10.1097/AUD.0b013e31821cc0df)
17. **Jeng, F.-C.** & Warrington, R. P. (2011). Effects of silent interval on human frequency-following responses to voice pitch. *Proc Mtgs Acoust – Acoust Soc Am*, 14, e050002 (pages 1-8). [www.doi.org/10.1121/1.3666047](http://www.doi.org/10.1121/1.3666047)
18. Li, X. & **Jeng, F.-C.** (2011). Noise tolerance in human frequency-following responses to voice pitch. *J Acoust Soc Am*, 129(1), EL21-26. [www.doi.org/10.1121/1.3528775](http://www.doi.org/10.1121/1.3528775) (Note: The first author Ximing Li was a PhD student under my mentorship)
19. **Jeng, F.-C.**, Schnabel, E. A., Dickman, B. M., Hu, J., Li, X., Lin, C.-D., & Chung, H.-K. (2010). Early maturation of frequency-following responses to voice pitch in infants with normal hearing. *Percept Mot Skills*, 111(3), 765-784. [www.doi.org/10.2466/10.22.24.PMS.111.6.765-784](http://www.doi.org/10.2466/10.22.24.PMS.111.6.765-784)
20. Miller, C. A., Abbas, P. J., Robinson, B. K., Nourski, K. V., Zhang, F., & **Jeng, F.-C.** (2009). Auditory nerve fiber responses to combined acoustic and electric stimulation. *J Assoc Res Otolaryngol*, 10, 425-445. [www.doi.org/10.1007/s10162-008-0154-7](http://www.doi.org/10.1007/s10162-008-0154-7)
21. **Jeng, F.-C.**, Abbas, P. J., Hu, N., Miller, C. A., Nourski, K. V., & Robinson, B. K. (2009). Effects of Temporal Properties on Compound Action Potentials in Response to Amplitude-Modulated Electric Pulse Trains in Guinea Pigs. *Hear Res*, 247(1), 47-59. [www.doi.org/10.1016/j.heares.2008.10.007](http://www.doi.org/10.1016/j.heares.2008.10.007)
22. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., & Robinson, B. K. (2008). Electrically evoked auditory steady-state responses in a guinea pig animal model: Latency estimates and effects of stimulus parameters. *Audiol Neurootol*, 13, 161-171. [www.doi.org/10.1159/000112424](http://www.doi.org/10.1159/000112424)
23. Nourski, K. V., Abbas, P. J., Miller, C. A., Robinson, B. K., & **Jeng, F.-C.** (2007). Acoustic-electric interactions in the guinea pig auditory nerve: simultaneous and forward masking of the electrically evoked compound action potential. *Hear Res*, 232(1-2), 87-103. [www.doi.org/10.1016/j.heares.2007.07.001](http://www.doi.org/10.1016/j.heares.2007.07.001)
24. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., & Robinson, B. K. (2007). Electrically evoked auditory steady-state responses in guinea pigs. *Audiol Neurootol*, 12, 101-112. [www.doi.org/10.1159/000097796](http://www.doi.org/10.1159/000097796)

25. Noh, H., Abbas, P. J., Miller, C. A., Nourski, K. V., Robinson, B. K., & **Jeng, F.-C.** (2007). Binaural interactions of electrically and acoustically evoked responses recorded from the inferior colliculus of guinea pigs. *Int J Audiol*, 46(6), 309-320. [www.doi.org/10.1080/14992020701212622](http://www.doi.org/10.1080/14992020701212622)
26. Miller, C. A., Abbas, P. J., Robinson, B. K., Nourski, K. V., Zhang, F., & **Jeng, F.-C.** (2006). Electrical excitation of the acoustically sensitive auditory nerve: Single-fiber responses to electric pulse trains. *J Assoc Res Otolaryngol*, 7(3), 195-210. [www.doi.org/10.1007/s10162-006-0036-9](http://www.doi.org/10.1007/s10162-006-0036-9)
27. Nourski, K. V., Abbas, P. J., Miller, C. A., Robinson, B. K., & **Jeng, F.-C.** (2005). Effects of acoustic noise on the auditory nerve evoked compound action potentials in response to electric pulse trains. *Hear Res*, 202(1-2), 141-153. [www.doi.org/10.1016/j.heares.2004.10.001](http://www.doi.org/10.1016/j.heares.2004.10.001)
28. Lin, C.-D., **Jeng, F.-C.**, Lin, T.-Y., Chow, K.-C., & Tsai, M.-H. (2004). Morphological changes in the temporal bone and the expression of Fas ligand in patients with cholesteatoma. *Mid Taiwan J Med*, 9(4), 197-202.
29. Miller, C., Abbas, P. A., Hay-McCutcheon, M. J., Robinson, B. K., Nourski, K. V., & **Jeng, F.-C.** (2004). Intracochlear and extracochlear ECAPs suggest antidromic action potentials. *Hear Res*, 198(1-2), 75-86. [www.doi.org/10.1016/j.heares.2004.07.005](http://www.doi.org/10.1016/j.heares.2004.07.005)
30. **Jeng, F.-C.**, Brown, C. J., Johnson, T. A., & Vander Werff, K. R. (2004). Estimating air-bone gaps using auditory steady-state responses. *J Am Acad Audiol*, 15(1), 67-78. [Awarded "Best of 2004" in "Diagnostic Audiology" category, *The Hearing Journal*, 2005, 58 (6), 40-46].
31. Hu, N., Abbas, P. J., Miller, C. A., Robinson, B. K., Nourski, K. V., **Jeng, F.-C.**, Abkes, B. A., & Nichol, J. M. (2003). Auditory response to intracochlear electric stimuli following furosemide treatment. *Hear Res*, 185(1-2), 77-89. [www.doi.org/10.1016/S0378-5955\(03\)00261-2](http://www.doi.org/10.1016/S0378-5955(03)00261-2)
32. **Jeng, F.-C.**, Tsai, M.-H., & Brown, C. J. (2003). Relationship of preoperative findings and ossicular discontinuity in chronic otitis media. *Otol Neurotol*, 24(1), 29-32.
33. **Jeng, F.-C.**, Huang, W.-S., & Tsai, M.-H. (2002). Carotid dopscan findings in vertiginous patients with hypercholesterolemia. *J Taiwan Otolaryngol Head Neck Surg*, 37(4), 260-266. (Chinese with English abstract)
34. **Jeng, F.-C.**, Yao, C.-F., & Tsai, M.-H. (2001). Isolated congenital incus anomaly: report of a case. *Mid Taiwan J Med*, 6, 244-247.
35. Chang, Y.-C., **Jeng, F.-C.**, Lin, C.-D., & Tsai, M.-H. (2001). Acute mastoiditis complicated with subperiosteal abscess in children: report of two cases. *Mid Taiwan J Med*, 6, 179-184.
36. **Jeng, F.-C.** & Tsai, M.-H. (2000). Recurrence of preauricular fistulae after excision. *J Taiwan Otolaryngol Head Neck Surg*, 35(4), 225-229. (Chinese with English abstract)
37. **Jeng, F.-C.** & Hung, C.-M. (1997). Acute mastoiditis complicated with subperiosteal abscess - case report. *J Taiwan Otolaryngol Head Neck Surg*, 32(3), 328-332. (Chinese with English abstract)

### **Non-Refereed Publication**

1. **Gibson, A.** (2016). Interviewed article: Pitch perfect – a quest to find a better way to detect hearing problems in newborns takes researchers across the globe. *Perspectives* (Ohio University), 19, 10-11. <https://www.ohio.edu/research/communications/news-story.cfm?newsItem=13A61357-5056-A874-1D60649DE7FEAB05>.
2. **Jeng, F.-C.** (2007). Invited article: Travels of an auditory researcher. *HEARSAY: Journal of the Ohio Speech-Language-Hearing Association (OSLHA)*, 19, 21-22.

### **Manuscripts in Preparation**

1. Hart, B. & **Jeng, F.-C.**, Machine-learning in detecting frequency-following responses in American neonates. (Targeted journal: Journal of Acoustical Society of America)
2. **Jeng, F.-C.** & Kunkel, G. Auditory perception and electrophysiological responses to chimeric sounds. (Targeted journal: Perceptual and Motor Skills)
3. **Jeng, F.-C.** & He, S. Computational modeling of electrically evoked compound action potentials in children with cochlear nerve deficiency. (Targeted journal: Journal of the Association for Research in Otolaryngology)

### **Invited Book Chapters**

1. **Jeng, F.-C.** (2017). Infant and Childhood Development: Intersections between Development and Language Experience. In N. Kraus, S. Anderson, T. White-Schwoch, R. R. Fay, and A. N. Popper (editors). *The Frequency-following Response: A Window into Human Communication*. Springer Nature, New York. (ISBN: 978-3-319-47944-6)

### **Research in Progress**

#### Research Projects in My Lab

1. Hart, B. N. & **Jeng, F.-C.** Machine learning in detecting human frequency-following responses for American neonates.
2. Kunkel, G. S. & **Jeng, F.-C.** Auditory perception and electrophysiological responses to chimeric sounds — a comprehensive approach.
3. Clark, K., Meyer, L., Ross, S., & **Jeng F.-C.** Recording frequency-following response in neonates whose mothers are substance dependent.
4. Stehura, K. & **Jeng F.-C.** Effects of medial olivocochlear reflex (MOCR) on frequency-following response.
5. Hart, B., Meyer, L. & **Jeng, F.-C.** Frequency-followed responses elicited by native and non-native acoustic sounds.

#### Local and National Collaboration

1. **Jeng, F.-C.** & He, S. Computational modeling of neural encoding and auditory perception in cochlear implant users (collaboration with the Ohio State University, USA, spring 2018 – present)
2. **Jeng, F.-C.**, Montgomery-Reagan, K. Development of brainstem responses to voice pitch from birth to 12 months of age”. (collaboration with O’Bleness Memorial Hospital, Athens, Ohio, USA, fall 2006 – present)
3. **Jeng, F.-C.** & Clark, B. Acoustic startle reflex and its relationship with electromyographical changes. (collaboration with Ohio Musculoskeletal and Neurological Institute [OMNI], Heritage College of Osteopathic Medicine, Ohio University, 2012 to 2013)
4. **Jeng, F.-C.**, Abbas, P. J., Brown, C, J. Electrically evoked auditory steady-state responses in cochlear implant users. (collaboration with the University of Iowa, USA, fall 2006 to spring 2008)

#### International Collaboration

1. **Jeng, F.-C.** & Lin, C.-D. Mandarin-tone following response in Chinese infants and adults. *China Medical University Hospital, Taichung, Taiwan*. (collaboration with China Medical University Hospital, Taiwan, winter 2007 – present)

- Lin, C.-D. & **Jeng, F.-C.** Neural plasticity of auditory processing in an animal model (guinea pigs). *China Medical University Hospital, Taichung, Taiwan. (collaboration with China Medical University Hospital, Taiwan, winter 2009 – present)*

### **Memorandum of Understanding**

- Jeng, F.-C.** & Lin, C.-D. Memorandum of Understanding (MoU) between China Medical University Hospital (CMUH) in Taichung, Taiwan and Ohio University in Athens, Ohio, USA. (Initiatives started in July 2016, the Intent-To-Plan (ITP) document and a MoU draft had been drafted and agreed by Dr. Jeng, Dr. Lin, and departmental directors in September 2016, our ITP draft was emailed to OU International Programs at Yamada International House for review on September 29, 2016. The completed ITP document was signed by the school director and college dean and email to OU on October 19, 2016. I submitted the signed ITP to OU on 2016-11-03. This ITP was approved at Ohio University on 2016-11-22. I prepared the actual MoU document, which was signed by the presidents of CMUH and Ohio University in March 2017).

### **GRANTS**

#### **Funded**

- Principal Investigator: Influence of Maternal Drug Use on Neonatal Maturity of the Auditory System. **Advancing Scholarship in Research and Education (ASPIRE) Grant**, College of Health Sciences and Professions, *Ohio University*. (\$14,500) (6/1/2019 – 5/30/2020)
- Consultant: Neural Encoding and Auditory Perception in Cochlear Implant Users. **NIH NIDCD and NIGMS 1 R01 DC016038**, (\$1,549,944) (7/1/2017 – 6/30/2022) (Note: I was invited to join this multi-year research project in spring 2018 (i.e., after this grant has been funded to its PI, Dr. Shuman He at Ohio State University. My role as a non-paid consultant started on 5/15/2018)
- Principal Investigator: Funds research publications. **Faculty Research Support Program Fund**, *Ohio University – Office of the Vice President for Research*. (\$500) (7/1/2017 – 6/30/2018)
- Principal Investigator: Computer Modeling of Experience-Dependent Brainstem Responses during Immediate Postnatal Days and Adulthood. **Extramural Grant Proposal Incentive Award**, *Ohio University, College of Health Sciences and Professions*. (\$2,500) (Submitted on 11/8/2016, awarded on 11/29/2016).
- Principal Investigator: Computer Modeling of Brainstem Responses to Voice Pitch in American and Chinese Neonates. **Baker Fund Award**, *Ohio University*. (\$10,580) (12/15/2014 – 12/31/2015, **Award #: BA-15-07**, no-cost extension 1/1/2016 – 6/30/2016)
- Principal Investigator: travel to collect data needed for an NSF research project in Taiwan. **Faculty International Travel Fund**, *Ohio University – Office of the Vice President for Research*. (\$750) (7/7/2014 – 8/18/2014)
- Principal Investigator: Obtaining and utilizing the Intelligent Baby Simulator (Named Isao). College of Health Sciences and Professions, **Technology Fee Request**, *Ohio University*. (\$7,570) (1/30/2014)
- Principal Investigator: Development of Experience-Dependent Brainstem and Cortical Responses to Voice Pitch in Newborns and Early Infancy. National Science Foundation (**NSF**), *Directorate for Social, Behavioral & Economic Sciences (SBE): Behavioral and Cognitive Sciences (BCS): Cognitive Neuroscience*. (\$166,624 including indirect

- costs, **Award #: BCS-1250700**, This award is made in accordance with the provisions of NSF Solicitation 09-563 in Cognitive Neuroscience) (7/15/2013 – 6/30/2015, no-cost extension 6/31/2015 – 6/30/2016).
9. Principal Investigator: travel to present a research poster in the 165nd Meeting of the Acoustical Society of America in Canada. **Faculty International Travel Fund, Ohio University – Office of the Vice President for Research.** (\$395) (6/2/2013 – 6/7/2013)
  10. Principal Investigator: Development of Experience-Dependent Brainstem Responses to Voice Pitch in Newborns and Early Infancy. **Research Challenge Award, Ohio University – Office of the Vice President for Research.** (\$5,000) (9/1/2012 – 8/31/2013)
  11. Principal Investigator: Development of Brainstem Responses to Voice Pitch from Birth to 6 Months of Age. **Faculty Summer Research Award, Ohio University – College of Health Sciences and Professions.** (\$10,000) (7/1/2011 – 6/30/2012, no-cost extension to 12/31/2012).
  12. Principal Investigator: travel to present an invited speech and conduct a one-week workshop in Taiwan. **Faculty International Travel Fund, Ohio University – Office of the Vice President for Research.** (\$500) (11/23/2011 – 12/26/2011)
  13. Principal Investigator: Cross-linguistic comparisons of frequency-following responses to voice pitch in neonates. **2011 Lessons for Success Research Conference: Developing Emerging Scientists**, Conference Fellowship-Travel Award from *American Speech-Language-Hearing Association*. (~\$3,000 to support travel, lodge and meal) (4/27/2011 – 4/29/2011)
  14. Principal Investigator: Purchase equipment and supplies to establish a series of hands-on exercises for the class CSD 678A: Fundamentals of Clinical and Laboratory Instrumentation. **Professional Enhancement Funds, School of Hearing, Speech and Language Sciences, Ohio University** (\$487.53) (10/24/2009 – 03/20/2010)
  15. Principal Investigator: Development of brainstem responses to voice pitch from birth to 12 months of age. **Research Challenge Award, Ohio University – Office of the Vice President for Research.** (\$5,000) (10/19/2009 – 10/18/2010, no-cost extension to 6/18/2011)
  16. Principal Investigator: Present an invited speech and conduct a one-week workshop at China Medical University Hospital (CMUH) and establishing a lab at CMUH suitable for conducting collaborative research projects with us at Ohio University. **Faculty International Travel Fund, Ohio University – Office of the Vice President for Research.** (\$365) (10/07/2009 – 12/28/2009)
  17. Consultant: Mandarin-Tone Following Responses in Infants. **Research Incentive Funds (DMR-99-048)**, *Department of Medical Research, China Medical University Hospital, Taiwan.* (\$271,000 New Taiwan Dollars = \$8,469 USD, 09/01/2009 – 08/31/2010) (I was given a separate honorarium of \$70,000 New Taiwan dollars (= \$2,188 USD) for setting up a lab in China Medical University Hospital in December 2009 and being a consultant on this research project)
  18. Principal Investigator: Frequency-Following Responses to Voice Pitch: Effects of Fundamental Frequency and its Harmonics. **Instructional Funds, Ohio University – Honors Tutorial College.** (\$330, 3/10/2009 – present)
  19. Principal Investigator: Neurophysiologic and Psychoacoustic Indices for Hearing Disorders in Type I Diabetes. **Diabetes Research Initiative, Appalachian Rural Health Institute.** (\$5,286 + \$1,000/year support for an Undergraduate Research Fellowship) (1/1/2009 – 12/31/2009, no-cost extension for 6 months up to 06/30/2010)
  20. Principal Investigator: Evoked Responses to Acoustic Simulation of Cochlear Implants. **Advancing Academic-Research Career (AARC) Award, American Speech-Language-Hearing Association.** (\$5,000) (8/1/2008 – 1/1/2010, no-cost extension to 06/30/2010)

21. Principal Investigator: The Auditory Steady-State Response as a Function of Sleep Stage: Implications for Cochlear Implants. **Scholarly Activity Award, Ohio University – College of Health and Human Services**. (\$7,000) (7/1/2008 – 6/30/2009)
22. Principal Investigator: Relationship between Psychophysically Measured Behavioral Responses and Event-Related Potentials. **Research Challenge Award, Ohio University – Office of the Vice President for Research**. (\$5,000) (9/14/2007 – 9/13/2008)
23. Principal Investigator: Electrically Evoked Auditory Steady-State Responses in Cochlear-Implant Users. **Startup funds, Ohio University – College of Health and Human Services**. (\$167,940) (9/1/2006 – 8/31/2009)
24. Principal Investigator: Electrically Evoked Auditory Steady-State Responses in Guinea Pigs. **Student Investigator Research Award, American Academy of Audiology and American Academy of Audiology Foundation**. (\$4,900) (7/1/2005 – 6/30/2006)

### **Under Review/Pending**

### **Submitted but Not Funded**

1. Principal Investigator: Machine Learning in Detecting Frequency-Following Responses during Immediate Postnatal Days and Adulthood. National Science Foundation (**NSF**), Directorate for Social, Behavioral & Economic Sciences (SBE): Behavioral and Cognitive Sciences (BCS): **Perception, Action & Cognition (PAC)**. (\$405,021 indirect cost included) (submitted on 7/30/2018)
2. Principal Investigator: Computer Modeling of Experience-Dependent Brainstem Responses during Immediate Postnatal Days and Adulthood. **NIH NIDCD R15** proposal, National Institute on Deafness and Other Communication Disorders. (\$453,000 indirect cost included) (Submitted on 10/21/2016, Scientific Review Study Section on 2/9/2017 & 2/10/2017, not funded the first run, revised and re-submitted on 6/22/2017, had an impact score of 55.)
3. Principal Investigator: Exponential modeling of Frequency-Following Responses in American and Chinese neonates and Adults. National Science Foundation (**NSF**), Directorate for Social, Behavioral & Economic Sciences (SBE): Behavioral and Cognitive Sciences (BCS): **Developmental and Learning Sciences (DLS)**. (I submitted a letter of intent to the DLS program Director on 2016-06-19. The program director, however, suggested that my proposal was more suitable for a NIH submission than NSF)
4. Principal Investigator: Computer Modeling of Subcortical Pitch Representation in Neonates and Adults. National Science Foundation (**NSF**), Directorate for Social, Behavioral & Economic Sciences (SBE): Behavioral and Cognitive Sciences (BCS): **Cognitive Neuroscience**. (\$321,985 including indirect costs, submitted on 8/10/2015).
5. Principal Investigator: Development of Brainstem Responses to Voice Pitch from Birth to 6 Months of Age. **NIH NIDCD R01** proposal, National Institute on Deafness and Other Communication Disorders. (\$1,797,771 indirect costs included) (Submitted on 10/05/2009, revised and re-submitted on 11/04/2010, had a priority score of 60).
6. Principal Investigator: Proposal for **Travel Fellowship Award for “Lessons for Success: Developing Emerging Scientists”**, American Speech-Language-Hearing Association. (~\$3,000 for travel support) (submitted on January 30, 2009)
7. Consultant: Mandarin-Tone Following Responses in Infants: When Is the Critical Period? Proposal for **Clinical Research Grant, National Science Council, Taiwan**. (\$2,593,568 New Taiwan Dollars = \$81,049 USD) (submitted on January 2, 2009)
8. Principal Investigator: Pitch-Contour Following Responses in Infants: Defining the Developmental Trajectory in the First Year of Life. Proposal for **New Investigator**



**Research Award**, *American Academy of Audiology Foundation*. (\$10,000) (submitted on October 27, 2008)

9. ***Principal Investigator***: Electrically Evoked Auditory Steady-State Responses in Cochlear Implant Users. **NIH NIDCD R03** proposal, *National Institute on Deafness and Other Communication Disorders*. (\$453,451 indirect cost included) (Submitted on 6/26/2007, had a priority score of 252).

### **Grants in Preparation**

1. ***Principal Investigator***: Machine Learning in Detecting Frequency-Following Responses in American and Chinese Neonates. (Targeted funding agent: Ohio University Research Council, targeted budget: \$8,000, targeted submission date: October 4, 2018)
2. ***Co-PI***: Computational Modeling in Electrically Evoked Compound Action Potentials in Children with Cochlear Nerve Deficiency. (Targeted funding agent: NIDCD R01, targeted budget \$1,000,000 / 5 years, targeted submission date: July 5, 2019)

### **AWARDS AND HONORS** (in reversed chronological order)

1. ***Awardee, OHIO Faculty Newsmaker***, Ohio University - co-hosted by University Communications and Marketing and the Office of the Executive Vice President and Provost. (recognized on 10/12/2017)
2. ***Awardee, Grant Review and Reviewer Training (GRRT) Award***, American Speech-Language-Hearing Association. (7/25/2016 – 7/26/2016; the dollar amount awarded includes all the travel, lodging, and meals).
3. ***Nominee, Faculty Research and Creative Activity Award***, Ohio University – College of Health Sciences and Professions. (nominated on 03/07/2012).
4. ***Principal Investigator***: Development of Frequency-Following Responses to Voice Pitch ***Outstanding Research Award*** (2006): *The Thomson Delmar Learning – Council of Academic Programs in Communication Sciences & Disorders (CAPCSD) Award* for outstanding research conducted by a PhD Student. (honorarium \$3,000)
5. ***Eighth Annual James F. Jakobsen Graduate Conference Award*** (2006): *The Eighth Annual James F. Jakobsen Graduate Conference Award* – Third Place in the Biological and Health Sciences Division, The University of Iowa. (honorarium \$100)

### **STUDENT GRANTS (submitted by PhD, AuD and HTC students under my mentorship)**

#### **Funded**

1. Breanna Hart, Julie S. Kelly Memorial Audiology Scholarship, Ohio Academy of Audiology. Spring 2018-19 (\$1,000).
2. Breanna Hart, ***Student Transportation Subsidies Award***, ***Acoustical Society of America***, Fall AY 2018-19 (\$200). Project title: Machine learning in detecting frequency following responses.
3. Kelley Stehura, College of Health Sciences and Professions, ***Student Research Grant***, ***Ohio University***, Fall AY 2018-19 (\$300). Project title: The effect of noise in the non-test ear on frequency following responses.
4. Breanna Hart, College of Health Sciences and Professions, ***Student Research Grant***, ***Ohio University***, Fall AY 2018-19 (\$300). Project title: Machine learning in detecting frequency following responses.
5. Lauren Meyer, College of Health Sciences and Professions, ***Student Research Grant***, ***Ohio University***, Fall AY 2018-19 (\$300). Project title: Influence of maternal drug use on neonatal maturity of the Auditory System.

6. Gwendolyn Kunkel, *HTC Travel and Research Grants*, Ohio University, Spring AY 2017-18 (\$800). Project title: Auditory perception and electrophysiological responses to chimeric sounds
7. Breanna Hart, College of Health Sciences and Professions, *Student Travel Grant*, Ohio University, Spring AY 2017-18 (\$300). Project title: Subcortical frequency-coding errors are linked to speaker-variability intolerance.
8. Breanna Oakes, OSLHA Outstanding Undergraduate Student Award, OSLHA. Fall AY 2017-18. [Breanna Oakes is an undergraduate student working in my laboratory from Fall AY 2016-17 to Spring AY 2017-18. This award gave Breanna Oakes honors at the OSLHA Convention Awards Luncheon, free honorary membership to OSLHA for AY 2017-18, and free registration to 2017 OSLHA convention. Total dollar amount is equivalent to approximately \$500.]
9. Breanna Hart, *Resident and Graduate Student Poster Session Grant* (formerly known as the *Mentored Research Poster Session Grant*) from the National Institutes of Health and the American Auditory Society. (March 1-3, 2018 American Auditory Society Annual Meeting in Scottsdale, Arizona. This grant supports round-trip coach fare, lodging, meals, meeting registration and transportation to and from airport. Total: ~\$1,000)
10. Kristin Stump, College of Health Sciences and Professions, *Student Travel Grant*, Ohio University, Spring AY 2017-18 (\$300). Project title: Frequency-following responses elicited by Chinese consonant-vowel combinations.
11. Breanna Oakes, College of Health Sciences and Professions, *Student Research Grant*, Ohio University, Spring AY 2017-18 (\$300). Project title: Detecting Hidden Hearing Loss in College Marching Band and Orchestral Students— a Comprehensive Approach.
12. Breanna Oakes, College of Health Sciences and Professions, *Student Travel Grant*, Ohio University, Spring AY 2017-18 (\$300). Project title: Detecting Hidden Hearing Loss in College Marching Band and Orchestral Students— a Comprehensive Approach.
13. Lauren Meyer, College of Health Sciences and Professions, *Student Research Grant*, Ohio University, Spring AY 2017-18 (\$300). Project title: Effects of Training on Speaker-Variability Intolerance.
14. Kristin Stump, *Graduate Student Senate Travel Grant*, Ohio University, Summer AY 2016-17 (\$500). Project title: Frequency-following responses elicited by Chinese consonant-vowel combinations.
15. Kristin Stump, College of Health Sciences and Professions, *Student Transportation Grant*, Acoustical Society of America, Summer AY 2016-17 (\$155). Project title: Exponential Modeling of Frequency-Following Responses in American Neonates and Adults.
16. Kristin Stump, College of Health Sciences and Professions, *Student Research and Scholarly Activity Presentation Award*, Ohio University, Spring AY 2016-17 (\$200). Project title: Exponential Modeling of Frequency-Following Responses in American Neonates and Adults.
17. Kristin Stump, College of Health Sciences and Professions, *Student Research Grant*, Ohio University, Spring AY 2016-17 (\$500). Project title: Frequency-following responses elicited by consonant-vowels with various degrees of intonation.
18. Garrett Mayhugh, College of Health Sciences and Professions, *Student Research Grant*, Ohio University, Spring AY 2015-16 (\$500). Project title: Frequency Following Response (FFR) in Chinese Adults using recorded and synthesized speech stimuli.
19. Grant Hollister, College of Health Sciences and Professions, *Student Presentation Award*, Ohio University, Spring AY 2014-15 (\$200).
20. John Sabol, College of Health Sciences and Professions, *Student Presentation Award*, Ohio University, Spring AY 2014-15 (\$200).

21. Garrett Mayhugh, College of Health Sciences and Professions, *Student Presentation Award*, Ohio University, Fall AY 2014-15 (\$200).
22. John Sabol, *Graduate Student Senate Travel Grant*, Ohio University, Summer AY 2012-13 (\$500).
23. Grant Hollister, *Graduate Student Senate Travel Grant*, Ohio University, Summer AY 2012-13 (\$500).
24. Cassie Costilow, *Resident and Graduate Student Poster Session Grant* (formerly known as the *Mentored Research Poster Session Grant*) from the National Institutes of Health and the American Auditory Society. (March 3-5, 2011 American Auditory Society Annual Meeting in Scottsdale, Arizona. This grant supports round-trip coach fare, lodging, meals, meeting registration and transportation to and from airport. Total: ~\$1,500).
25. Cassie Costilow, *Graduate Student Senate Travel Grant*, Ohio University, Winter AY 2010-11 (\$500).
26. Brenda Dickman, *Diabetes Research Initiative (DRI) Student Travel Award*, Appalachian Rural Health Institute, Ohio University, Winter AY 2009-10 (\$500).
27. Jiong Hu, *Graduate Student Senate Travel Grant*, Ohio University, Winter AY 2008-09 (\$500).

### **Under Review/Pending**

#### **Reviewed but not Funded**

1. Kristin Stump, *William F. Austin Scholarship*, Starkey Inc., Summer AY 2016-17 (\$10,000)
2. Grant Hollister, *Graduate Student Senate Travel Grant*, Ohio University, Spring AY 2014-15 (\$500).
3. John Sabol, *Graduate Student Senate Travel Grant*, Ohio University, Spring AY 2014-15 (\$500).
4. Mallory Marcis, *Graduate Student Senate Travel Grant*, Ohio University, Summer AY 2013-14 (\$500).
5. Megan Presley, *Graduate Student Senate Travel Grant*, Ohio University, Summer AY 2013-14 (\$500).
6. Kendall Looney and Jennifer Davis, College of Health Sciences and Professions *Student Research Grant*, Ohio University, Spring AY 2013-14 (\$300).
7. Abbie Davis, *Provost's Undergraduate Research Fund*, Ohio University, Fall AY 2012-13 (\$1,295)
8. John Sabol, *Graduate Student Senate Travel Grant*, Ohio University, Spring AY 2013-14 (\$500).
9. Grant Hollister, *Graduate Student Senate Travel Grant*, Ohio University, Spring AY 2013-14 (\$500).
10. Jiong Hu, *Graduate Student Senate Original Work Grant*, Ohio University, Spring AY 2010-11 (\$735).
11. Kevin Peris, *Graduate Student Senate Original Work Grant*, Ohio University, Spring AY 2010-11 (\$635).
12. Jiong Hu, *Graduate Student Senate Original Work Grant*, Ohio University, Winter AY 2010-11 (\$735).
13. Brenda Dickman, *Graduate Student Senate Travel Grant*, Ohio University, Winter AY 2009-10 (\$500).
14. Jiong Hu, *Graduate Student Senate Travel Grant*, Ohio University, Winter AY 2009-10 (\$500).
15. Ximing Li, *Graduate Student Senate Travel Grant*, Ohio University, Winter AY 2009-10 (\$500).

16. Brenda Dickman, Mentored Student Award, 2010 American Auditory Society Annual Meeting (~\$1,200 for travel support, Winter AY 2009-10).
17. Cassie Costilow, *Provost's Undergraduate Research Fund*, Ohio University, Fall AY 2009-10 (\$1,439)
18. Brenda Dickman, *Graduate Student Senate Original Work Grant*, Ohio University, Fall AY 2009-10 (\$1,516).
19. Jiong Hu, *Graduate Student Senate Original Work Grant*, Ohio University, Fall AY 2009-10 (\$750).
20. Ximing Li, *Graduate Student Senate Original Work Grant*, Ohio University, Fall AY 2009-10 (\$750).
21. Jiong Hu, *Graduate Student Senate Original Work Grant*, Ohio University, Spring AY 2008-09 (\$750).
22. Cheng-Han Chiu, *Graduate Student Senate Original Work Grant*, Ohio University, Spring AY 2008-09 (\$750).
23. Jiong Hu, Travel Funds, 2009 American Auditory Society Annual Meeting (~\$1,200 for travel support, Fall AY 2008-09).
24. Elizabeth Schnabel, Mentored Student Award, 2009 American Auditory Society Annual Meeting (~\$1,200 for travel support, Fall AY 2008-09).
25. Brenda Dickman, Mentored Student Award, 2009 American Auditory Society Annual Meeting (~\$1,200 for travel support, Fall AY 2008-09).

#### **AWARDS AND HONORS (received by students under my mentorship)**

1. Breanna Oakes, *OSLHA Outstanding Undergraduate Student Award* from Ohio Speech-Language-Hearing Association (OSLHA). Fall AY 2017-18. [Breanna Oakes is an undergraduate student working in my laboratory from Fall AY 2016-17 to Spring AY 2017-18. This award gave Breanna Oakes honors at the OSLHA Convention Awards Luncheon, free honorary membership to OSLHA for AY 2017-18, and free registration to 2017 OSLHA convention. Total dollar amount is equivalent to approximate \$500.]
2. Breanna Hart received the *"Resident and Graduate Student Poster Session Grant"* (formerly known as the *"Mentored Research Poster Session Grant"*) from the National Institutes of Health and the American Auditory Society, March 1-3, 2018. [Breanna has been working in my laboratory from Fall AY 2016-17 – present].
3. Cassie Costilow received the *"Resident and Graduate Student Poster Session Grant"* (formerly known as the *"Mentored Research Poster Session Grant"*) from the National Institutes of Health and the American Auditory Society, March 3-5, 2011. [Cassie has been working in my laboratory from Winter AY 2008-09 – present].
4. Dr. Meng-Shih Chou received the *"Outstanding Research Award"* at the 89th Annual Meeting of Taiwan Otolaryngological Society in Taipei, Taiwan, November 13-14, 2010. [Dr. Chou is an E.N.T. resident who works under the supervision of my collaborator in Taiwan and conducts research projects under my guidance from the United States].

#### **PRESENTATIONS/POSTERS/WORKSHOPS**

1. Hart, B., N., **Jeng, F.-C.** Machine learning in detecting frequency-following responses. In: Abstracts of the 31st Annual Conference of the American Academy of Audiology, poster #507, Columbus, Ohio, March 27-30, 2019. [This presentation won one of the competitive American Academy of Audiology Foundation's James and Susan Jerger Awards for Excellence in Student Research]
2. **Jeng, F.-C.** Subcortical pitch representation in neonates and adults. Quantitative Biology Seminar, Ohio University, February 26, 2019. [invited podium presentation]

3. He, S., Pellitteri, A., **Jeng, F.-C.**, Chao, X., Xu, L., Luo, J., & Wang, R. The effects of the interphase gap on neural response of the electrically-stimulated auditory nerve in children with cochlear nerve deficiency and children with normal-size cochlear nerves. In: Abstracts of the 42nd Midwinter Research Meeting, Association for Research in Otolaryngology, Abstract ID: 548038, Poster #: PS 576. Baltimore, Maryland, February 9-13, 2019.
4. Stump, K. M. & **Jeng, F.-C.** Frequency-following responses elicited by a consonant-vowel with intonation. In: Abstracts of the 176th Meeting of the Acoustical Society of America, poster # 3aPP, Victoria, Canada, November 5-9, 2018.
5. Hart, B., N., Jeng, F.-C. Machine learning in detecting frequency-following responses. In: Abstracts of the 176th Meeting of the Acoustical Society of America, poster # 3aPP, Victoria, Canada, November 5-9, 2018.
6. **Jeng, F.-C.** Subcortical pitch representation in neonates and adults. The 2nd Annual Ohio University Neuroscience Research Day, Lake Hope Lodge, Ohio, October 6, 2018. [invited podium presentation]
7. Stump, K. M. & **Jeng, F.-C.** Frequency-following responses elicited by Chinese consonant-vowel combinations. Student Research and Creative Activity Exposition, Ohio University, April 12, 2018.
8. Hart, B., N., Jeng, F.-C. Machine learning in detecting frequency-following responses. Student Research and Creative Activity Exposition, Ohio University, April 12, 2018.
9. Oakes, B, **Jeng, F.-C.**, Washnik, N., Meier, R., & Russell, J. A. Detecting hidden hearing loss in college marching band and orchestral students—a comprehensive approach. Student Research and Creative Activity Exposition, Ohio University, April 12, 2018.
10. Stump, K. M. & **Jeng, F.-C.** Frequency-following responses elicited by Chinese consonant-vowel combinations. In: Abstracts of American Academy of Audiology Annual Meeting, poster # PP513, Nashville, Tennessee, April 18-21, 2018.
11. Hart, B., N., **Jeng, F.-C.**, & Lee, C.-Y. Subcortical frequency-coding errors are linked to speaker-variability intolerance. In: Abstracts of American Academy of Audiology Annual Meeting, poster # PP511, Nashville, Tennessee, April 18-21, 2018.
12. Stump, K. M. & **Jeng, F.-C.** • Frequency-following responses elicited by Chinese consonant-vowel combinations. In: Abstracts of American Auditory Society Annual Meeting, poster # 131, Scottsdale, Arizona, March 1-3, 2018.
13. Hart, B., N., **Jeng, F.-C.**, & Lee, C.-Y. Subcortical frequency-coding errors are linked to speaker-variability intolerance in normal-hearing adults. In: Abstracts of American Auditory Society Annual Meeting, poster # 28, Scottsdale, Arizona, March 1-3, 2018. [Received “Resident and Graduate Student Poster Session Grant” (formerly known as the “*Mentored Research Poster Session Grant*”) from the National Institutes of Health and the American Auditory Society]
14. Oakes, B, **Jeng, F.-C.**, Washnik, N., Meier, R., & Russell, J. A. Detecting hidden hearing loss in college marching band and orchestral students—a comprehensive approach. In: Abstracts of American Auditory Society Annual Meeting, poster # 39, Scottsdale, Arizona, March 1-3, 2018.
15. **Jeng, F.-C.** Integration of Auditory Evoked Potentials and Cognitive Neuroscience. Invited presentations and a two-week workshop at *China Medical University Hospital*, Taichung, Taiwan. A total of two presentations at the Department of Otolaryngology-HNS, plus a two-week workshop from December 29, 2017 to January 8, 2018.
16. Hart, B. N., **Jeng, F.-C.**, & Lee, C.-Y. Subcortical frequency-coding errors are linked to speaker-variability intolerance in normal-hearing adults. First Annual Ohio University Neuroscience Research Day, Lake Hope Lodge, Ohio, October 7, 2017.
17. Stump, K. M., & **Jeng, F.-C.** Exponential modeling of frequency-following responses in American neonates and adults. In: Abstracts of the 173rd Meeting of the Acoustical

- Society of America, page 1253 (poster # 4pPPc24, Psychological and Physiological Acoustics: Attention, Learning, Perception, Physiology), Boston, Massachusetts, June 24-30, 2017.
18. Stump, K. M., & **Jeng, F.-C.** Exponential modeling of frequency-following responses in American neonates and adults. CHSP & HCOM Student Research and Creative Activity Showcase, Ohio University, April 13, 2017.
  19. Teets, E., Ganch, H., McDonald, T. & **Jeng, F.-C.** Speaker variability in listeners with normal hearing. CHSP & HCOM Student Research and Creative Activity Showcase, Ohio University, April 13, 2017. [Awarded the first place at the Graduate Level, Translational Research Category]
  20. Teets, E., Ganch, H., McDonald, T. & **Jeng, F.-C.** Speaker variability in listeners with normal hearing. Student Research and Creative Activity Exposition, Ohio University, April 6, 2017.
  21. **Jeng, F.-C.** (2017) Neonatal Speech Processing. CHSP Research Conference – Roundtable: Stimulating Multidisciplinary Approaches to Health Sciences Research and Education, Ohio University Grover Center E234 February 24, 2017.
  22. **Jeng, F.-C.** The establishment of subcortical steady-state responses (SSSR) of the auditory system. *Invited presentations and a two-week workshop at China Medical University Hospital, Taichung, Taiwan.* A total of two presentations at the Department of Otolaryngology-HNS, plus a two-week workshop from December 14 – 26, 2016.
  23. **Jeng, F.-C.**, Lin, C.-D., Hollister, G. R., Sabol, J. T., Wang, T.-C., & Wang, C.-Y. Development of subcortical pitch representation in three-month-old Chinese infants. In: Abstracts of the 171st Meeting of the Acoustical Society of America, page 2157 (poster # 4aPP21, Psychological and Physiological Acoustics: Temporal Aspects of Auditory Processing session), Salt Lake City, Utah, May 23-27, 2016.
  24. Mayhugh, G. N., & **Jeng, F.-C.** Frequency-Following Response in Chinese adults using recorded and synthesized speech stimuli. Student Research and Creative Activity Exposition, Ohio University, April 14, 2016.
  25. Marcis, M., **Jeng, F.-C.**, & Lin, C.-D. Pitch perception and frequency-following responses elicited by lexical-tone chimeras. Student Research and Creative Activity Exposition, Ohio University, April 14, 2016.
  26. Presley, M., & **Jeng, F.-C.** Exponential modeling of human frequency-following response to voice pitch in American newborns and adults. Student Research and Creative Activity Exposition, Ohio University, April 14, 2016. [Awarded the second place in the RehabCommSci-1 session, graduate level]
  27. Mayhugh, G. N., & **Jeng, F.-C.** Frequency-following response in Chinese adults using recorded and synthesized speech stimuli. CHSP & HCOM Student Research and Creative Activity Showcase, Ohio University, April 7, 2016. [Awarded the first place at the Graduate Level, Others Category, Group 3]
  28. Marcis, M., **Jeng, F.-C.**, & Lin, C.-D. Pitch perception and frequency-following responses elicited by lexical-tone chimeras. CHSP & HCOM Student Research and Creative Activity Showcase, Ohio University, April 7, 2016.
  29. Presley, M., & **Jeng, F.-C.** Exponential modeling of human frequency-following response to voice pitch in American newborns and adults. CHSP & HCOM Student Research and Creative Activity Showcase, Ohio University, April 7, 2016.
  30. **Jeng, F.-C.** Frequency-following responses elicited by Mandarin tones in American and Chinese newborns. *Invited presentations and a two-week workshop at China Medical University Hospital, Taichung, Taiwan.* A total of two presentations at the Department of Otolaryngology-HNS, plus a two-week workshop from December 16 – 28, 2015.
  31. **Jeng, F.-C.**, Chou, M.-S., Lin, C.-D., Sabol, J., Hollister, G. Chen, C.-H., Kenny, J., & Tsou, Y.-A. Pitch perception and frequency-following responses elicited by lexical-tone

- chimeras in American and Chinese adults. In: Abstracts of the 169th Meeting of the Acoustical Society of America, page 218 (poster # 1pPP10, Psychoacoustics session), Pittsburgh, Pennsylvania, May 18-22, 2015.
32. Sabol, J., Hollister, G., & **Jeng, F.-C.** Differential pitch processing at the brainstem level in Chinese newborns. Research Colloquium in the Division of Communication Sciences and Disorders, Ohio University, April 17, 2015
  33. Sabol, J., **Jeng, F.-C.**, Hollister, G., & Kenny, J. Behavioral and electrophysiological responses to Mandarin acoustic chimeras. CHSP Student Research and Creative Activity Showcase, Ohio University, April 16, 2015. [Awarded the first place in the Basic Science Category – Group 1]
  34. Mayhugh, G. N., & **Jeng, F.-C.** Enhanced pitch processing at the brainstem level in three-month-old Chinese neonates. CHSP Student Research and Creative Activity Showcase, Ohio University, April 16, 2015. [Awarded the second place in the Basic Science Category – Group 1]
  35. Hollister, G., **Jeng, F.-C.**, Mitchell, K. A., & Sabol, J. Differential pitch processing at the brainstem level in Chinese newborns. CHSP Student Research and Creative Activity Showcase, Ohio University, April 16, 2015. [Awarded the second place in the Basic Science Category – Group 2]
  36. Sabol, J., **Jeng, F.-C.**, Hollister, G., & Kenny, J. Behavioral and electrophysiological responses to Mandarin acoustic chimeras. Student Research and Creative Activity Exposition, Ohio University, April 09, 2015. [Awarded the first place in the RehabCommSci-1 session, graduate level]
  37. Hollister, G., **Jeng, F.-C.**, Michell, K. A., & Sabol, J. Differential pitch processing at the brainstem level in Chinese newborns. Student Research and Creative Activity Exposition, Ohio University, April 09, 2015. [Awarded the second place in the RehabCommSci-2 session, graduate level]
  38. Mayhugh, G. N., & **Jeng, F.-C.** Enhanced pitch processing at the brainstem level in three-month-old Chinese neonates. Student Research and Creative Activity Exposition, Ohio University, April 09, 2015.
  39. Hollister, G., **Jeng, F.-C.**, Michell, K. A., & Sabol, J. Differential pitch processing at the brainstem level in Chinese newborns. In: Abstracts of American Auditory Society Annual Meeting, page 23 (poster # 7), Scottsdale, Arizona, March 5-7, 2015.
  40. Sabol, J., **Jeng, F.-C.**, Hollister, G., & Kenny, J. Behavioral and electrophysiological responses to Mandarin acoustic chimeras. In: Abstracts of American Auditory Society Annual Meeting, page 23 (poster # 12), Scottsdale, Arizona, March 5-7, 2015.
  41. **Jeng, F.-C.** & Mayhugh, G. N. Frequency-following responses in American and Chinese neonates. *Invited presentations and a two-week workshop at China Medical University Hospital, Taichung, Taiwan.* A total of three presentations at the Department of Otolaryngology-HNS, plus a two-week workshop from December 8 - 19, 2014.
  42. **Jeng, F.-C.** , Marcis, M. L., & Presley, M. E. Brainstem responses to voice pitch in Chinese and English newborns to four different Mandarin Chinese tones. *Invited presentations and a two-week workshop at China Medical University Hospital, Taichung, Taiwan.* A total of three presentations at the Department of Otolaryngology-HNS and the Department of Pediatrics, plus a two-week workshop from July 7 – 18, 2014.
  43. Mitchell, K. & **Jeng, F.-C.** Frequency-following responses to voice pitch in Chinese neonates: Representation of innate processing. Research Colloquium in the Division of Communication Sciences and Disorders, Ohio University, April 25, 2014.
  44. Davis, J., Looney, K., & **Jeng, F.-C.** Noise tolerance and the frequency-following response. Research Colloquium in the Division of Communication Sciences and Disorders, Ohio University, April 25, 2014.

45. Mitchell, K. & **Jeng, F.-C.** Frequency-following responses to voice pitch in Chinese neonates: Representation of innate processing. CHSP Student Research and Creative Activity Showcase, Ohio University, April 17, 2014.
46. Davis, J., Looney, K., & **Jeng, F.-C.** Noise tolerance and the frequency-following response. CHSP Student Research and Creative Activity Showcase, Ohio University, April 17, 2014.
47. Mitchell, K. & **Jeng, F.-C.** Frequency-following responses to voice pitch in Chinese neonates: Representation of innate processing. Student Research and Creative Activity Exposition, Ohio University, April 10, 2014. [Awarded the first place in the RehabCommSci-2 session, graduate level]
48. Davis, J., Looney, K., & **Jeng, F.-C.** Noise tolerance and the frequency-following response. Student Research and Creative Activity Exposition, Ohio University, April 10, 2014.
49. **Jeng, F.-C.**, Sabol, J., & Hollister, G. Comparison of Experience-Dependent Responses to Four Distinctive Intonation Changes in American and Chinese neonates. Invited presentations and a two-week workshop at *China Medical University Hospital*, Taichung, Taiwan. A total of three presentations at the Department of Otolaryngology-HNS (one for ENT doctors and residents, another for ENT interns and clerks, and a third one for Audiologists in CMUH) and a two-week workshop from December 16 – December 27, 2013.
50. **Jeng, F.-C.**, Sabol, J., & Hollister, G. Mandarin-tone elicited frequency-following responses: fundamentals and clinical applications. Invited presentation at the Department of Otolaryngology-HNS, *Cathay General Hospital*, Taipei, Taiwan, December 15, 2013.
51. **Jeng, F.-C.**, Sabol, J., & Hollister, G. Development of Experience-Dependent Responses to Voice Pitch in Newborns and Early Infancy. Invited presentations and a three-week workshop at *China Medical University Hospital*, Taichung, Taiwan. A total of four presentations at the Department of Otolaryngology-HNS, Department of Neurology, and Department of Pediatrics and a three-week workshop from July 29 – August 19, 2013.
52. **Jeng, F.-C.** & Hu, J. An automated procedure for detecting human frequency-following responses to voice pitch. In: Abstracts of the 21st International Congress on Acoustics, pages 3285-3286 (#1pPPb14), Montréal, Québec, Canada, June 2-7, 2013.
53. Costilow, C., **Jeng, F.-C.**, & Hollister, G. Effects of sweep rate on the experience-dependent brainstem responses. Research Colloquium in the Division of Communication Sciences and Disorders, Ohio University, Athens, Ohio, April 19, 2013.
54. Groeber, A., & **Jeng, F.-C.** Frequency-following responses to voice pitch: a comparison of familiar vs. stranger's voices in normal-hearing adults. Research Colloquium in the Division of Communication Sciences and Disorders, Ohio University, Athens, Ohio, April 19, 2013.
55. Davis, A. & **Jeng, F.-C.** Binaural interaction of experience-dependent brainstem responses to frequency sweeps in normal-hearing Chinese adults. Student Research and Creative Activity Showcase, College of Health Sciences and Professions, Ohio University, April 18, 2013.
56. Costilow, C., **Jeng, F.-C.**, & Hollister, G. Effects of sweep rate on the experience-dependent brainstem responses. Student Research and Creative Activity Exposition, Ohio University, April 11, 2013. [Awarded the first place in the RehabCommSci-2 session, graduate level]
57. Davis, A. & **Jeng, F.-C.** Binaural interaction of experience-dependent brainstem responses to frequency sweeps in normal-hearing Chinese adults. Student Research



- and Creative Activity Exposition, Ohio University, April 11, 2013. [Awarded the first place in the RehabCommSci-1 session, undergraduate level]
58. Groeber, A., & **Jeng, F.-C.** Frequency-following responses to voice pitch: a comparison of familiar vs. stranger's voices in normal-hearing adults. Student Research and Creative Activity Exposition, Ohio University, April 11, 2013.
  59. Costilow, C. & **Jeng, F.-C.** Effects of sweep rate on the experience-dependent brainstem responses. In: Abstracts of 67th Annual Ohio Speech-Language-Hearing Association Convention, page 62 (#14), Columbus, Ohio, March 14-16, 2013.
  60. Davis, A. & **Jeng, F.-C.** Binaural interaction of experience-dependent brainstem responses to frequency sweeps in normal-hearing Chinese adults. In: Abstracts of 67th Annual Ohio Speech-Language-Hearing Association Convention, page 63 (#16), Columbus, Ohio, March 14-16, 2013.
  61. Chou, M.-S., **Jeng, F.-C.**, Wang, C.-Y., Chung, H.-K., Lin, C.-D. & Tsai, M.-H. The animal model of frequency following response. In: Abstracts of the 93th Annual Meeting of Taiwan Otolaryngological Society, page 22 (#C37), Taipei, Taiwan, November 10-11, 2012.
  62. Hu, J. & **Jeng, F.-C.** An automated response detection procedure for human frequency following response elicited by voice pitch. In: Abstracts of International Hearing Aid Research Conference, page 63-64 (#B5), Lake Tahoe, California, August 8-12, 2012.
  63. **Jeng, F.-C.**, Peris, K. S., & Hu, J. Evaluation of an automatic procedure for detecting frequency-following responses to voice pitch in American and Chinese neonates. In: Abstracts of International Hearing Aid Research Conference, page 66-67 (#B10), Lake Tahoe, California, August 8-12, 2012.
  64. **Jeng, F.-C.** Mandarin-tone elicited frequency-following responses: fundamentals and clinical applications. *Invited presentation* at the Department of Otolaryngology-HNS, *Cathay General Hospital*, Taipei, Taiwan, December 15, 2011.
  65. **Jeng, F.-C.** Mandarin-tone elicited frequency-following responses: fundamentals and clinical applications. *Invited presentations and a one-week workshop* at *China Medical University Hospital*, Taichung, Taiwan. Two presentations for the Department of Otolaryngology-HNS and the Department of Neurology (one presentation for each department) and a one-week workshop from November 28 – December 3, 2011.
  66. **Jeng, F.-C.** & Warrington, R. P. Effects of silent interval on human frequency-following response to voice pitch. In: Abstracts of the 162nd Meeting of the Acoustical Society of America, page 2545 (#4pPP5), San Diego, California, October 31-November 4, 2011. [selected for a podium presentation]
  67. Warrington, R. P. & **Jeng, F.-C.** Human frequency-following responses to voice pitch: Effects of silent interval. Student Research and Creative Activity Exposition, Ohio University, May 13, 2011.
  68. Li, X. & **Jeng, F.-C.** Noise tolerance in human frequency-following responses to voice pitch. Student Research and Creative Activity Exposition, Ohio University, May 13, 2011.
  69. Costilow, C. E. & **Jeng, F.-C.** Contributions of fundamental frequency and its harmonics on frequency-following responses. Student Research and Creative Activity Exposition, Ohio University, May 13, 2011.
  70. **Jeng, F.-C.**, Hu, J. & Dickman, B. M. Cross-Linguistic Comparison of Frequency-Following Responses to Voice Pitch in Neonates. In: Abstracts of American Auditory Society Annual Meeting, page 17, Scottsdale, Arizona, March 3-5, 2011. [Selected for a podium presentation]
  71. Costilow, C. E., **Jeng, F.-C.**, Stangherlin, D. P., Li, X. & Hu, J. Contributions of fundamental frequency and its harmonics on frequency-following responses. In: Abstracts of American Auditory Society Annual Meeting, page 33 (#4), Scottsdale, Arizona, March 3-5, 2011. [Received "Resident and Graduate Student Poster Session

Grant” (formerly known as the “Mentored Research Poster Session Grant”) from the National Institutes of Health and the American Auditory Society]

72. **Jeng, F.-C.** Frequency-following responses to voice pitch: fundamentals and clinical implications. *Invited podium presentation* at the Research Colloquium, Communication Sciences and Disorders, Ohio University, Athens, Ohio, November 12, 2010.
73. Chou, M.-S., Chung, H.-K., Wang, C.-Y., **Jeng, F.-C.**, Lin, C.-D. & Tsai, M.-H. Early maturation of frequency-following response to voice pitch in normal-hearing infants. In: Abstracts of the 89th Annual Meeting of Taiwan Otolaryngological Society, page 139 (#B15), Taipei, Taiwan, November 13-14, 2010. [Received “Outstanding Research Award” at the meeting].
74. Dickman, B. M. & **Jeng, F.-C.** Frequency-following responses to voice pitch in American neonates and adults. Research Colloquium, School of Hearing, Speech and Language Sciences, Ohio University, Athens, Ohio, June 4, 2010.
75. Stangerlin, D. & **Jeng, F.-C.** Human frequency-following responses to voice pitch: Relative contributions of the fundamental frequency and its harmonics in Chinese Adults. Research Colloquium, School of Hearing, Speech and Language Sciences, Ohio University, Athens, Ohio, June 4, 2010.
76. Costilow, C. & **Jeng, F.-C.** Human frequency-following responses to voice pitch: Relative contributions of the fundamental frequency and its harmonics. Research Colloquium, School of Hearing, Speech and Language Sciences, Ohio University, Athens, Ohio, June 4, 2010.
77. Hu, J. & **Jeng, F.-C.** Frequency-following responses to voice pitch in Chinese neonates and adults. Student Research and Creative Activity Exposition, Ohio University, May 13, 2010.
78. Li, X. & **Jeng, F.-C.** Effects of broad-band noise on frequency-following responses to voice pitch. Student Research and Creative Activity Exposition, Ohio University, May 13, 2010.
79. Dickman, B. M. & **Jeng, F.-C.** Frequency-following responses to voice pitch in American neonates and adults. Student Research and Creative Activity Exposition, Ohio University, May 13, 2010.
80. Stangerlin, D. & **Jeng, F.-C.** Human frequency-following responses to voice pitch: Relative contributions of the fundamental frequency and its harmonics in Chinese Adults. Student Research and Creative Activity Exposition, Ohio University, May 13, 2010.
81. Costilow, C. & **Jeng, F.-C.** Human frequency-following responses to voice pitch: Relative contributions of the fundamental frequency and its harmonics in American Adults. Student Research and Creative Activity Exposition, Ohio University, May 13, 2010.
82. **Jeng, F.-C.**, Lin, C.-D., Wang, C.-Y., Hu, J., Li, X. Frequency-following responses to voice pitch: How many sweeps are enough? In: Abstracts of American Auditory Society Annual Meeting, page 58 (#37), Scottsdale, Arizona, March 4-6, 2010.
83. Hu, J. & **Jeng, F.-C.** Frequency-following responses to voice pitch in Chinese neonates. In: Abstracts of American Auditory Society Annual Meeting, page 57 (#35), Scottsdale, Arizona, March 4-6, 2010.
84. Li, X. & **Jeng, F.-C.** Effects of broad-band noise on frequency-following responses to voice pitch. In: Abstracts of American Auditory Society Annual Meeting, page 61 (#53), Scottsdale, Arizona, March 4-6, 2010.
85. Dickman, B. M., **Jeng, F.-C.**, Hallowell, M. B., Sergeev, A. Glycemic excursions correlate to auditory P300 potentials in patients with type 1 diabetes mellitus. In: Abstracts of American Auditory Society Annual Meeting, page 53 (#17), Scottsdale, Arizona, March 4-6, 2010.

86. Hu, J. & **Jeng, F.-C.** Frequency-following responses to voice pitch in Chinese neonates and adults. Research Colloquium, School of Hearing, Speech and Language Sciences, Ohio University, Athens, Ohio, February 20, 2010.
87. Li, X. & **Jeng, F.-C.** Effects of broad-band noise on frequency-following response to voice pitch. Research Colloquium, School of Hearing, Speech and Language Sciences, Ohio University, Athens, Ohio, February 20, 2010.
88. **Jeng, F.-C.**, Hallowell, M. B., Sergeev, A., Ries, D. Influence of glycemic excursions on auditory evoked P300 potentials in type 1 diabetic patients: Preliminary results. Diabetes Research Initiative monthly meeting, College of Medicine, Ohio University, Athens, Ohio, January 15, 2010.
89. **Jeng, F.-C.** Frequency-following responses to voice pitch: Fundamentals and clinical applications. *Invited presentations and workshop at China Medical University Hospital ENT Research Colloquium*, Taichung, Taiwan, two presentations on December 10 and 24, 2009, respectively and a one-week workshop starting from December 18 to December 25, 2009.
90. Hu, J. & **Jeng, F.-C.** An automatic algorithm for detecting human frequency-following response to voice pitch. *Poster presentation at CHSP Research/Creative Activity Poster Exposition*, Grover Center, Ohio University, May 21, 2009.
91. Schnabel, E. A. & **Jeng, F.-C.** Frequency-following response to voice pitch in infants. *Poster presentation at CHSP Research/Creative Activity Poster Exposition*, Grover Center, Ohio University, May 21, 2009.
92. **Jeng, F.-C.**, Dickman, B. M., Hallowell, B., Ries, D., Sergeev, A., Schwartz, F. Daily glucose fluctuation correlates to P300 latency in patients with insulin-dependent diabetes mellitus. *Poster presentation at Diabetes Research Initiative Spring Retreat*, page 1 (#16), 3rd floor Grover Center, Ohio University, April 3-4, 2009.
93. Hu, J. & **Jeng, F.-C.** An automatic algorithm for detecting human frequency-following response to voice pitch. In: Abstracts of American Auditory Society Annual Meeting, page 20 (#31), Scottsdale, Arizona, March 5-7, 2009.
94. **Jeng, F.-C.** & Schnabel, E. A. Frequency-following response to voice pitch in infants. In: Abstracts of American Auditory Society Annual Meeting, page 21 (#62), Scottsdale, Arizona, March 5-7, 2009.
95. Schnabel, E. A. & **Jeng, F.-C.** Pitch-contour following responses in infants. In: Abstracts of 63rd Annual Ohio Speech-Language-Hearing Association Convention, page 49 (#28), Columbus, Ohio, March 5-7, 2009.
96. **Jeng, F.-C.** Pitch-contour following responses in normal-hearing infants and adults. *Invited presentation at China Medical University Hospital ENT Research Colloquium*, Taichung, Taiwan, December 18, 2008.
97. **Jeng, F.-C.**, Abbas, P. J., Hu, N., Miller, C. A., Nourski, K. V., Robinson, B. K. Measured and predicted ECAP response patterns in the guinea pig auditory nerve. In: Abstracts of the Thirty First Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 78 (#229), Phoenix, Arizona, February 16-21, 2008.
98. **Jeng, F.-C.** Clinical applications of auditory steady-state responses. *Invited podium presentation at China Medical University Hospital ENT Research Colloquium*, Taichung, Taiwan, December 3, 2007.
99. **Jeng, F.-C.** Electrically evoked auditory steady-state responses in a guinea pig model. *Invited podium presentation at Ohio State University Research Colloquium*, Columbus, Ohio, November 14, 2007.
100. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., Robinson, B. K. Electrically evoked auditory steady-state responses in a guinea pig model: latency estimates and effects of stimulus parameters. *Poster presentation at CSD Faculty Research Exposition*, Grover Center, Ohio University, Athens, Ohio, October 13, 2007.

101. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., Robinson, B. K. Electrically evoked auditory steady-state responses in a guinea pig model – latency estimates and effects of stimulus parameters. In: Program Book of the Conference on Implantable Auditory Prostheses, page 108, Lake Tahoe, California, July 16-20, 2007.
102. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., Robinson, B. K. Electrically evoked auditory steady-state responses in a guinea pig model. *Poster presentation at CHSP Poster Exhibition*, Grover Center, Ohio University, Athens, Ohio, May 10, 2007.
103. **Jeng, F.-C.** Being a student in Iowa: A story from an international fellow. *Invited podium presentation at the Fiftieth Anniversary of Wendell Johnson Speech and Hearing Center at the University of Iowa*, Iowa City, Iowa, May 5, 2007
104. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., Robinson, B. K. Electrically evoked auditory steady-state responses in a guinea pig model. In: Abstracts of the Thirtieth Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 220 (#639), Denver, Colorado, February 10-15, 2007.
105. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., Robinson, B. K. Electrically evoked auditory steady-state responses in a guinea pig model. *Invited poster presentation at the CSD Research Colloquium*, September 29, 2006.
106. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Nourski, K. V., Robinson, B. K. Electrically evoked auditory steady-state responses in a guinea pig model. *Invited poster presentation at Thomson Delmar Learning – Council of Academic Programs in Communication Sciences & Disorders (CAPCSD) Conference*, Sandestin, Florida, April 26-29, 2006.
107. Nourski, K. V., Abbas, P. J., Miller, C. A., Robinson, B. K., **Jeng, F.-C.** Forward masking of the electrically evoked compound action potential in animals with residual hair cell function. In: Abstracts of the Twenty-ninth Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 315 (#934), Baltimore, Maryland, February 5-9, 2006.
108. Miller, C. A., Robinson, B. K., Nourski, K. V., **Jeng, F.-C.**, Abbas, P. J. Electrical stimulation of hearing ears: how the ECAP reflects single-fiber responses. In: Abstracts of the Twenty-ninth Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 341 (#1010), Baltimore, Maryland, February 5-9, 2006.
109. Miller, C. A., Abbas, P. J., Robinson, B. K., Nourski, K. V., **Jeng, F.-C.**, Noh, H. Auditory nerve single-fiber responses to combined electric and acoustic stimulation of the cochlea. In: Conference on Implantable Auditory Prostheses Abstracts, page 100, Asilomar Conference Grounds, Pacific Grove, California, July 30 - August 4, 2005.
110. Miller, C. A., Noh, H., Abbas, P. J., Robinson, B. K., Nourski, K. V., **Jeng, F.-C.** Effects of combined acoustic and electric stimuli: single auditory nerve fiber responses. In: Abstracts of the Nineteenth Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 357 (#1020), New Orleans, Louisiana, February 19-24, 2005.
111. Robinson, B. K., Miller, C. A., Abbas, P. J., Nourski, K. V., **Jeng, F.-C.** Conduction velocity in the feline auditory nerve. In: Abstracts of the Nineteenth Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 323 (#953), Daytona Beach, Florida, February 21-26, 2004.
112. Miller, C. A., Abbas, P. J., Robinson, B. K., **Jeng, F.-C.**, Nourski, K. V. Interaction of acoustic and electric excitation of the auditory nerve: single-fiber results. In: Abstracts of the Nineteenth Annual Midwinter Research Meeting, Association for Research in Otolaryngology, page 86 (#255), Daytona Beach, Florida, February 21-26, 2004.
113. Nourski, K. V., Abbas, P. J., Miller, C. A., Robinson, B. K., **Jeng, F.-C.** Effects of acoustic noise on the auditory nerve response to electric pulse trains. In: Conference on

- Implantable Auditory Prostheses Abstracts, page 89, Asilomar Conference Grounds, Pacific Grove, California, August 17-22, 2003.
114. Miller, C. A., Abbas, P. J., Nourski K. V., Hu, N., **Jeng, F.-C.**, Robinson B. K. Interactions of acoustic and electric stimulation in ears with viable hair cells. In: Conference on Implantable Auditory Prostheses Abstracts, page 15, Asilomar Conference Grounds, Pacific Grove, California, August 17-22, 2003.
  115. **Jeng, F.-C.**, Abbas, P. J., Brown, C. J., Miller, C. A., Robinson, B. K., Nourski, K. V. Electrically evoked auditory steady-state responses in guinea pigs. In: Conference on Implantable Auditory Prostheses Abstracts, page 59, Asilomar Conference Grounds, Pacific Grove, California, August 17-22, 2003.

## **SERVICE: PROFESSIONAL, UNIVERSITY, COLLEGE, SCHOOL**

### ***Professional***

My duty as a grant or journal-article reviewer is part-time, voluntary, and I work on an as-needed basis.

#### *Grant Reviewer*

1. Through invitation, I joined the Grant Review and Reviewer Training (GRRT) program for ASHFoundation and ASHA, review grants on an as-needed basis (2015 – present)
2. ASHA's 2015 Audiology/Hearing Science Research Travel Award (ARTA), review grants on an as-needed basis (June 2015 – present)
3. The Royal National Institute for Deaf People (RNID), United Kingdom (May 2011)
4. ASHA, Students Preparing for Academic Research Careers (SPARC) Award (April 2011)
5. Australian National Health and Medical Research Council (NHMRC) (May 2009)

#### *Conference Judge*

1. Ohio Speech-Language-Hearing Association Annual (OSLHA) Convention (Judge for the Student Poster Session, March 2012)

#### *Conference Moderator / Review Board*

1. American Auditory Society Annual Conference – Program Committee (member, November 2017 – March 2018) (My role was to help organize conference events and review poster abstracts)
2. Mid-Taiwan Audiology Conference (also known as “Diagnostic Audiology – Fundamentals and Updates”), Taichung, Taiwan, December 29, 2013, January 5, 2014, and January 12, 2014. (I was invited to moderate a complete series of lectures for December 29, 2013. I was given an honorarium of \$4,000 New Taiwan dollars (= \$333 US dollars) for serving as a moderator for this series of lectures.)

#### *Journal Article Reviewer* (on an as-needed basis)

1. International Journal of Audiology (June 2011 – present)
2. Journal of American Academy of Audiology (May 2016 – present)
3. Journal of Acoustical Society of America (November 2014 – present)
4. Journal of Acoustical Society of America – Express Letters (August 2014 – present)

5. Biomedical Signal Processing and Control (May 2014 – present)
6. Neuroscience (October 2012 – present)
7. Psychological Reports (April 2016 – present)
8. NeuroImage (August 2011 – present)
9. Journal of Speech, Language and Hearing Research (May 2011 – present)
10. Neuroscience Letters (August 2010 – present)
11. Journal of Speech-Language-Hearing Association of Taiwan (August 2009 – present)
12. Journal of Pediatric Hematology/Oncology (January 2009 – present)
13. Hearing Research (June 2008 – present)
14. Ear and Hearing (September 2007 – present)
15. Journal of Neuroscience Methods (April 2007 – present)

### ***University***

1. Quantitative Biology Institute (member, Fall AY 2018-19 – present)
2. Ohio University Baker Fund Awards Committee (standing committee member, Fall AY 2012-13 – Spring AY 2013-14, and Spring AY 2017-18)
3. Ohio University Student Research and Creativity Exposition (Judge, AY 2008-09 – present)
4. Ohio University Faculty Senate (CHSP representative, Fall AY 2015-16 – Spring AY 2017-18)
5. Ohio University, Educational Policy & Student Affairs (EPSA) committee (member, Fall AY 2015-16 – Spring AY 2017-18)
6. Ohio University, University Curriculum Council, Program Review Committee (member, Fall AY 2015-16 – Spring AY 2017-18)
7. Ohio University Research Council (OURC) Awards Committee (standing committee member, Fall AY 2014-15 – Spring AY 2014-15, and Fall AY 2017-18)
8. Ohio University Neuroscience Research Day (Judge, Fall AY 2017-18)
9. Ohio Up Close for prospective undergraduate students (CSD representative, April 23, 2010)
10. Ohio University Taiwanese Student Association (Faculty Advisor, AY 2008-09 – AY 2010-11)
11. “Teaching & Advising Distressed and Disruptive Students” Workshop (CHSP representative, AY 2007-08)
12. GERB Major Program Initiative – Interactive Virtual Environment (member, AY 2006-07)
13. GERB Major Program Initiative – Health and Wellness in Underserved populations (member, AY 2006-07)
14. Search Committee for Coordinator of Student Services (CHSP representative, AY 2006-07)
15. 21st Annual Multi-Cultural Graduate Student Recruitment Visitation (CHSP representative, AY 2006-07)

### ***College of Health Sciences and Professions***

1. Search Committee for the Dean of CHSP (member, Fall AY 2015-16)
2. Ohio Curriculum Enhancement and Approval Network (OCEAN) (usability testing member for upgrading OCEAN to OCEAN 2.0, Summer AY 2014-15)
3. CHSP Student Research Awards Committee (member, AY 2014-15)
4. CHSP Interdisciplinary Research Committee (RCS representative, AY 2014-15)

5. CHSP Scholarly Activity Award Committee (a temporary substitute member for the Summer Research Grant portion for Dr. YoungSun Kim, who submitted a proposal to this mechanism during this review cycle, AY 2013-14)
6. CHSP Technology Advisory Group (RCS representative, AY 2012-13, 2013-14)
7. CHSP Faculty Advisory Committee (member, AY 2010-11, AY 2011-12)
8. CHSP Scholarly Activity Award Committee (member, AY 2006-07, AY 2007-08, AY 2008-09, AY 2010-11, AY 2011-12)
9. CHSP Faculty Research and Creative Activity Award (member, AY 2006-07, AY 2007-08; Chair, AY 2008-09 & AY 2009-10)
10. Student Research and Creative Activity Award Committee (member, AY 2007-08, AY 2008-09)
11. Panel discussion for global healthcare at School of Nursing (panelist, May 10, 2011)
12. CHSP New Student Orientation (CHSP representative, AY 2009-10)
13. Committee to Establish the CHSP Scholar Research Award (member, AY 2006-07)

***School of Rehabilitation and Communication Sciences (and the division of Communication Sciences and Disorders)***

1. Audiology Synergy Committee (member, Fall AY 2006-07 – Spring AY 2014-15; chair Spring AY 2016-17 – present)
2. Search Committee for a Clinical Faculty position – Hearing Science/Audiology (member, first run: Fall AY 2014-15 – Spring AY 2014-15, second run: Fall AY 2016-17 – Spring AY 2016-17; Fall AY 2018-19 – present)
3. Graduate Admission Committee (AuD admissions: Spring AY 2014-15. AuD and PhD admissions: Fall AY 2015-16 – present)
4. CSD Awards Committee (Fall AY 2014-15 – Spring AY 2017-18)
5. AuD Curriculum Coordinator (Fall AY 2012-13 – Spring AY 2017-18)
6. Search Committee for a Group II Faculty position – Instructor of Audiology (member, Summer AY 2009-10 – Fall AY 2010-11)
7. Orientation for prospective CSD undergraduate students and their family (host, August 2009 – present, on an as-needed basis)
8. Facilitator for Undergraduate Research Club (URC) meetings at least one time per quarter, except summer quarters, for intermediate- and advanced-level URC members (guest speaker, Fall AY 2006-07 – Spring AY 2017-18)
9. Consultant for CSD technician to help him calibrate audiometers in CSD clinic on an as-needed basis (consultant for Trent Ball from September 2006 to January 2007 and Ken Dobo from February 2007 to 2016, on an as-needed basis)

**INSTRUCTION AND ADVISEMENT**

**AWARDS AND HONORS**

1. *N. Victor Goodman Honors Tutorial College Award*, Ohio University – Honors Tutorial College, AY 2011-12.
2. *CHSP Exemplary Teacher Award*, Ohio University, AY 2009-2010.
3. *Nomination as an outstanding professor* by Sigma Kappa Sorority, Ohio University, Winter AY 2008-09.

**Courses Taught** (in alphabetical order)

1. CSD 2530: Hearing Science (every Fall and Spring semesters from AY 2006-07 to AY 2011-12, and an online class for Summer AY 2011-12). Undergraduate/graduate course designed to provide students with knowledge about hearing science. This course offers fundamental principles of hearing science, which includes basic acoustics, anatomy and physiology of the auditory system, and perception of sounds.
2. CSD 3900: Introduction to Research in Hearing, Speech and Language Sciences (every Fall and Spring semesters starting from AY 2006-07 to present). Undergraduate course in research design designed to provide students with basic concepts about group and single-subject research methodology. The intent of the course is to provide students with an appreciation of the science base underlying the field of communication disorders and to begin to become critical consumers of published research.
3. CSD 3970: HTC Junior Tutorial 1 (since Fall AY 2008-09, on an as needed basis). This class is designed to provide a junior student who admitted in Honors Tutorial College with advanced knowledge and first-hand experience in the field of Auditory Electrophysiology. Format and contents of this class will vary based on specific needs of each individual student.
4. CSD 3980: HTC Junior Tutorial 2 (since Spring AY 2008-09, on an as needed basis). This class is designed to provide a junior student who admitted in Honors Tutorial College with advanced knowledge and first-hand experience in the field of Auditory Electrophysiology. Format and contents of this class will vary based on specific needs of each individual student.
5. CSD 4900: Special Topics in Communication Sciences and Disorders, Clinical Methods and Instrumentation (Spring AY 2015-16, Spring AY 2016-17, guest lecturer). Undergraduate course. The purpose of this seminar is to provide information and hands-on experiences related to the professions of speech-language pathology and audiology. At the end of this course, students will better understand diagnosis, treatment, and research related to specific aspects of communication.
6. CSD 4930: Directed Study (since Spring AY 2006-07, on an as needed basis). This directed study is designed to facilitate hands-on learning for HTC and undergraduate students who are interested in learning more about Auditory Electrophysiology, Hearing Science, and related disciplines.
7. CSD 4970: HTC Senior Tutorial 1 (since Fall AY 2009-10, on an as needed basis). This tutorial is aimed to provide a senior HTC student knowledge and skills needed to complete an honors thesis. Meeting on a weekly basis and interactive learning through a set of hands-on experiments will be employed to facilitate adequate progression of the student's thesis project.
8. CSD 4980: HTC Senior Tutorial 2 (since Spring AY 2009-10, on an as needed basis). This tutorial is aimed to provide a senior HTC student knowledge and skills needed to complete an honors thesis. Meeting on a weekly basis and interactive learning through a set of hands-on experiments will be employed to facilitate adequate progression and completion of the student's thesis project.
9. CSD 603: Neuroscience of Communication (Fall AY 2009-10). The purpose of this course is to provide the student with a basic understanding of the principles on neuroscience of communication, anatomical structures and physiological mechanisms of the major system of the human brain, and fundamental principles and interpretations of various physiological examinations that can be done in a clinical setting.
10. CSD 6750: Electrophysiological Assessment (every spring semester starting from Spring AY 2006-07 to present). The purpose of this course is to provide the student with a basic understanding of the principles underlying auditory evoked potentials. The goal of the



course is to help the student become familiar with the process of recording, analyzing and interpreting these responses.

11. CSD 6751: Advanced Electrophysiological Assessment (every fall semester starting from Fall AY 2006-07 to present). This graduate-level course focuses on signal-processing mechanisms underlying auditory evoked potentials. Students will become acquainted with major theories of the acoustically evoked middle- and late-latency responses, event-related potentials, electrically evoked auditory potentials, multiple-channel recordings and neuroimages, and their clinical applicability to hearing and hearing disorders.
12. CSD 6751X: Seminar in Audiology – Fundamentals of Clinical and Laboratory Instrumentation (Winter AY 2009-10, Winter AY 2011-12). This seminar is designed to provide an overview and introduction to the acoustic and electrical sciences, particularly in how those two fields relate to professionals in the fields of Speech-Language Pathology, Audiology, and related disciplines. It is intended to help students become familiar with the terminology, tools, and techniques that are commonly used equipment in the clinic or laboratory.
13. CSD 7930: Directed Study (since Spring AY 2006-07, on an as needed basis). This directed study is designed to facilitate hands-on learning for AuD or PhD students who are interested in learning more about Auditory Electrophysiology, Hearing Science, and related disciplines.
14. CSD 8930: Directed Study (since Fall AY 2007-08, on an as needed basis) This directed study is designed to facilitate critical thinking and scientific reasoning for non-PhD students who are interested in advancing their knowledge in the fields of Auditory Electrophysiology, Hearing Science, and related disciplines.
15. CSD 8940: Directed Study (since Fall AY 2007-08, on an as needed basis) This directed study is designed to facilitate critical thinking and scientific reasoning for PhD students who are interested in advancing their knowledge in the fields of Auditory Electrophysiology, Hearing Science, and related disciplines.
16. CSD 8949: Research Practicum in Audiology (every fall and spring semesters starting from Fall AY 2009-10 to present). This course is aimed to provide guidance and resources for third AuD students for a successful completing of their third-year research project. Students will meet with the instructor on a weekly basis to discuss progression of their research and exchanges ideas and opinions from the instructor and classmates.
17. CSD 8950: Dissertation in Communication Sciences and Disorders (every semester starting from Fall AY 2010-11 to Spring AY 2012-13). This course is designed to facilitate appropriate progression of a dissertation project for PhD students who have successfully completed their Written and Oral Comprehensive Examinations.

### **Guest Speaker for Courses Taught by Other Faculty Members in Our School and University**

1. NEUR 2980T: Neuroscience Tutorial (Spring AY 2013-14, Spring AY 2014-15, Spring AY 2016-17; Spring 2017-18)
2. HTC 3980T: CSD Junior Tutorial 2 (Spring AY 2014-15)
3. HTC 397T: CSD Junior Tutorial (Fall AY 2009-10, Fall AY 2010-11, Fall AY 2011-12).
4. CSD 2980T: CSD First Year Tutorial 2 (Spring AY 2016-17)
5. CSD 770: Cochlear Implants (Fall AY 2006-07, Winter AY 2008-09).
6. CSD 731E: Advanced Topics in Cochlear Implants (Spring AY 2008-09).

### **Directed Studies**

Directed studies (CSD 7930, CSD 8930 and CSD 8940) are given year-round for PhD students under my mentorship.

1. Breanna Hart, Fall AY 2017-18 – present
2. Jiong Hu, Fall AY 2007-08 – Summer AY 2012-13
3. Kevin S. Peris, Fall AY 2010-11 – Fall AY 2011-12
4. Ximing Li, Fall AY 2008-09 – Summer AY 2010-11
5. Cheng-Han Chiu, Fall AY 2008-09 – Fall AY 2009-10

Directed studies (for AuD, HTC, and CSD students; NOTE: These directed studies are in addition to CSD 8949 that I offer in the fall and spring semesters each year.)

1. Gwendolyn Kunkel, Junior in Honors Tutorial College (Fall AY 2018-19): Auditory Perception and Electrophysiological Responses to Chimeric Sounds. (CSD 4970T, 3 credit hours)
2. Gwendolyn Kunkel, Junior in Honors Tutorial College (Spring AY 2017-18): Auditory Perception and Electrophysiological Responses to Chimeric Sounds. (CSD 3980T, 3 credit hours)
3. Breanna Oakes (Spring AY 2017-18): Detecting hidden hearing loss in college marching band and orchestral students - a comprehensive approach. (CSD 4930, 3 credit hours)
4. Gwendolyn Kunkel, Junior in Honors Tutorial College (Fall AY 2017-18, second half of the fall semester): Introduction to auditory electrophysiology. (CSD 3970T, 2 credit hours)
5. Breanna Oakes (Fall AY 2017-18): Detecting hidden hearing loss in college marching band and orchestral students - a comprehensive approach. (CSD 4930, 3 credit hours)
6. Erin Lynch (Summer AY 2016-17): Integration of event-related potentials and behavioral measurements. (CSD 7930, 3 credit hours)
7. Breanna Hart (Summer AY 2016-17): Translational research of auditory evoked potentials. (CSD 7930, 3 credit hours)
8. Breanna Oakes (Spring AY 2016-17): Introduction to auditory electrophysiology and frequency-following responses. (CSD 4930, 3 credit hours)
9. Grant Hollister (Spring AY 2013-14): Effect of the number of frequency bands on speech perception and frequency-following response. (CSD 8930, 3 credit hours)
10. John Sabol (Spring AY 2013-14): Effect of the number of frequency bands on speech perception and frequency-following response. (CSD 8930, 3 credit hours)
11. Abbie Davis, Senior in Honors Tutorial College (Fall AY 2012-13): Binaural interaction of frequency-following responses in normal-hearing Chinese adults. (CSD 4970T, 6 credit hours)
12. Abbie Davis, Senior in Honors Tutorial College (Spring AY 2011-12): Binaural interaction of frequency-following responses in normal-hearing Chinese adults. (CSD 399T, 2 credit hours)
13. Abbie Davis, Junior in Honors Tutorial College (Winter AY 2011-12): Introduction to auditory electrophysiology. (CSD 398T, 2 credit hours)
14. Amanda Culley, Junior in Honors Tutorial College (Winter AY 2011-12): Introduction to auditory electrophysiology. (CSD 398T, 2 credit hours)
15. Cassie Costilow, Senior in Honors Tutorial College (Fall AY 2009-10): Human frequency-following responses to voice pitch: Effects of fundamental frequency and its harmonics. (CSD 497T, 4 credit hours)
16. Cassie Costilow, Senior in Honors Tutorial College (Winter AY 2009-10): Human frequency-following responses to voice pitch: Effects of fundamental frequency and its harmonics. (CSD 498T, 4 credit hours)
17. Cassie Costilow, Junior in Honors Tutorial College (Winter AY 2008-09): Introduction to auditory electrophysiology. (CSD 398T, 4 credit hours)

18. Brenda Dickman, 1<sup>st</sup> year AuD student (Summer AY 2007-08): Examining the spectral enhancement induced acoustic change complex and its relationship to the subjects' behavioral detection thresholds. (CSD 694, 4 credit hours)
19. Chessy Seebohm, 1<sup>st</sup> year AuD student (Summer AY 2006-07): Examining the spectral enhancement induced acoustic change complex and its relationship to the subjects' behavioral detection thresholds. (CSD 694, 4 credit hours)
20. Elizabeth Schnabel, 1<sup>st</sup> year AuD student (Summer AY 2006-07): Investigating the ABR, MLR, N1P2, P300 and MMN in diabetes patients with cognitive disorders. (CSD 694, 4 credit hours)
21. Cheng-Han Chiu, 1<sup>st</sup> year AuD student (Summer AY 2006-07): Examining the effect of sleep on the ASSR in normal hearing subjects. (CSD 694, 4 credit hours)
22. Chessy Seebohm, 1<sup>st</sup> year AuD student (Spring AY 2006-07): Development of knowledge and skills of auditory electrophysiology using a multichannel recording system. (CSD 694, 4 credit hours)

### ***PhD Dissertation Committees***

#### Director

1. Jiong Hu. An Automated Response Detection Procedure for Human Frequency Following Response Elicited by Voice Pitch. (Spring AY 2009-2010 – Summer AY 2011-2012)

#### Member

1. Travis Riffle. Variability in Auditory Distraction. (Fall AY 2017-18)

### ***PhD Academic Guidance Committees***

#### Advisor

1. Breanna Hart (Summer AY 2016-17 – present)
2. Jiong Hu (Fall AY 2007-08 – Summer AY 2012-13)
3. Kevin S. Peris (Fall AY 2010-11 – Fall AY 2011-12)
4. Ximing Li (Fall AY 2008-09 – Summer AY 2010-11)
5. Cheng-Han Chiu (Fall AY 2008-09 – Fall AY 2009-10)

#### Member

### ***PhD Preliminary Exam Committees***

1. Breanna Hart (Summer AY 2016-17 – present)
2. Kevin S. Peris (Chair, Fall AY 2010-11)
3. Cheng-Han Chiu (Chair, Fall AY 2008-09)
4. Ximing Li (Chair, Fall AY 2008-09)
5. Jiong Hu (Chair, Fall AY 2007-08)

### ***PhD Predissertation Research Projects*** (formerly known as the First-Year Research Project)

#### Director

1. Breanna N. Hart: Machine Learning in Detecting Frequency-Following Responses for American Neonates. (Fall 2018-19 – present)
2. Kevin S. Peris: Frequency-Following Response to Voice Pitch: Validation of an Automated Procedure in Neonates. (Fall AY 2010-11 – Fall AY 2011-12)

3. Ximing Li: Effects of Broad Band Noise on Human Frequency-Following Responses to Voice Pitch. (Fall AY 2008-09 – Fall AY 2009-10)
4. Jiong Hu: Scalp Distribution of Pitch-Contour Following Responses in Normal-Hearing Adults. (Fall AY 2007-08 – Fall AY 2008-09)
5. Cheng-Han Chiu: Effects of the Number of Repetitions and Stimulus Intensities on Frequency-Following Responses to Voice Pitch. (Fall AY 2008-09 – Fall AY 2009-10)

#### Member

1. Erin Lynch: The effects of distractor specificity on working memory and attentional control. (Fall AY 2017-18 – Spring AY 2017-18)
2. Naveen Nagaraj: Relative Contribution of Adaptation and Temporal Integration to the Forward Masking Phenomenon. (Spring AY 2008-09 – Spring AY 2009-10)

#### **PhD Comprehensive Exam Committees**

1. Erin Lynch (member, Fall AY 2019-20)
2. Travis Riffle (member, Fall AY 2015-16)
3. Ximing Li (Chair, Winter AY 2010-11)
4. Jiong Hu (Chair, Winter AY 2009-10)

#### **Third-year AuD Research Project**

1. Hart, B. N. & Jeng, F.-C. Machine learning in detecting human frequency-following responses. (Summer AY 2016-17 – Spring AY 2017-18)
2. Stump, K. & Jeng, F.-C. Frequency-following responses elicited by consonant-vowels with various degrees of intonation. (Summer AY 2016-17 – Spring 2017-18)
3. Teets, E., Ganch, H., McDonald, T. & Jeng, F.-C. Speaker Variability in Listeners with Normal Hearing. (Summer AY 2015-16 – Spring AY 2016-17)
4. Megan Presley: Computer modeling of frequency-following response in American Adults (Summer AY 2014-15 – Spring AY 2015-16)
5. Mallory Marcis: Pitch perception and frequency-frequency responses elicited by lexical-tone chimeras (Summer AY 2014-15 – Spring AY 2015-16)
6. Garrett Mayhugh: Frequency Following Response in Chinese adults using recorded and synthesized speech stimuli (Summer AY 2014-15 – Spring AY 2015-16)
7. Grant Hollister: Comparative examinations of frequency-following responses to voice pitch in American and Chinese neonates (Summer AY 2013-14 – Spring AY 2014-15).
8. John Sabol: Frequency-following response to auditory chimeras (Summer AY 2013-14 – Spring AY 2014-15).
9. Jennifer Davis: Noise tolerance and frequency-following responses. (Summer AY 2012-13 – Spring AY2013-14)
10. Kendall Looney: Noise tolerance and frequency-following responses. (Summer AY 2012-13 – Spring AY2013-14)
11. Kristen Mitchell: Frequency-following responses to voice pitch in Chinese neonates: Representation of innate processing. (Summer AY 2012-13 – Spring AY2013-14)
12. Ashley Groeber: Frequency-Following Responses of Voice Pitch: A Comparison of Familiar Voices vs. Stranger's Voice in Adults (Summer AY 2011-12 – Spring AY 2012-13)
13. Cassie Costilow: Effects of Frequency Slope on the Frequency-Following Response. (Summer AY 2011-12 – Spring AY 2012-13)
14. Rony Warrington: Human Frequency-Following Responses To Voice Pitch: Effects Of Silent Interval Duration (Summer AY 2010-11 – Spring AY 2010-11)

15. Brenda Dickman: Frequency-Following Responses In Neonates (Summer AY 2008-09 – Spring AY 2009-10)
16. Daniela Stangherlin: Human Frequency-Following Responses In Normal-Hearing Chinese Adults: Relative Contributions Of The Fundamental Frequency And Its Harmonics (Fall AY 2009-10 – Spring AY 2009-10)
17. Elizabeth Schnabel: Pitch-Contour Following Responses In Infants (Summer AY 2007-08 – Spring AY 2008-09)

### ***HTC Senior Theses***

1. Gwendolyn Kunkel (HTC senior): Auditory Perception and Electrophysiological Responses to Chimeric Sounds (Fall AY 2018-19 – present).
2. Abbie Davis (HTC senior): Binaural interaction of frequency-following responses in normal-hearing Chinese adults (Fall AY 2012-13 – Spring AY 2012-13).
3. Cassie Costilow (HTC senior): Human Frequency-Following Responses. In Normal-Hearing Adults: Relative Contributions Of The Fundamental Frequency And Its Harmonics (Fall AY 2009-10 – Spring AY2009-10)

### ***Academic Advising***

#### Academic Year 2018-19

- 19 undergraduate students
- 11 AuD students
- 1 PhD student

#### Academic Year 2017-18

- 23 undergraduate students
- 12 AuD students
- 1 PhD student

#### Academic Year 2016-17

- 18 undergraduate students
- 12 AuD students

#### Academic Year 2015-16

- 21 undergraduate students
- 12 AuD students

#### Academic Year 2014-15

- 22 undergraduate students
- 12 AuD students

#### Academic Year 2013-14

- 36 undergraduate students
- 10 AuD students

#### Academic Year 2012-13

- 39 undergraduate students
- 8 AuD students
- 1 PhD student

Academic Year 2011-12

- 33 undergraduate students
- 7 AuD students
- 2 PhD students

Academic Year 2010-11

- 34 undergraduate students
- 8 AuD students
- 4 PhD students

Academic Year 2009-10

- 38 undergraduate students
- 5 AuD students
- 3 PhD students
- 1 HTC student

Academic Year 2008-09

- 35 undergraduate students
- 4 AuD students
- 3 PhD students

Academic Year 2007-08

- 26 undergraduate students
- 4 AuD students
- 1 PhD student