

Peer-reviewed Articles:

- *Niemczak, C.E. & **Vander Werff, K.R.** (submitted). Informational masking effects on neural encoding of an acoustic change. *Ear and Hearing*.
- **Vander Werff, K.R.** & Rieger, B. (2017). Brainstem evoked potential indices of subcortical auditory processing following mild traumatic brain injury. *Ear and Hearing*. Mar 17. Epub ahead of print.
- **Vander Werff, K.R.** & *Nesbitt, K.L. (2017). Hearing loss and age induced changes in the central auditory system measured by the P3 response to small changes in frequency. *Journal of the American Academy of Audiology*, 28(5):373-384
- Prieve, B.A., **Vander Werff, K.R.**, Preston, J.L. & Georgantas, L. (2013). Identification of Conductive Hearing Loss in Young Infants Using Tympanometry and Wideband Reflectance. *Ear and Hearing*, 34(2), 168-78.
- **Vander Werff, K.R.** & *Burns, K.S. (2011). Brainstem responses to speech in younger and older adults. *Ear and Hearing*, 32(2), 168-180.
- **Vander Werff, K.R.** (2009). Accuracy and time efficiency of two ASSR analysis methods using clinical test protocols. *Journal of the American Academy of Audiology*, 20(7), 433-452.
- **Vander Werff, K.R.**, Prieve, B.A., & Georgantas, L.M. (2009). Air- and bone-conducted tone burst auditory brainstem responses for classification of hearing loss and the relationship to behavioral threshold. *Ear and Hearing*, 30(3), 350-368.
- **Vander Werff, K.R.**, Prieve, B.A., & Georgantas, L.M. (2007). Test-retest reliability of wideband reflectance measures in infants under screening and diagnostic test conditions. *Ear and Hearing*, 28(5), 669-681.
- **Vander Werff, K.R.**, & Brown, C.J. (2005). The effect of audiometric configuration on threshold and suprathreshold auditory steady-state responses. *Ear and Hearing*, 26(3), 310-326.
- Jeng F.C., Brown C.J., Johnson T.A., & **Vander Werff, K.R.** (2004). Estimating air-bone gaps using auditory steady-state responses. *Journal of the American Academy of Audiology*, 15(1), 67-78.
- **Vander Werff, K.R.**, Brown C.J., Gienapp B.A., & Schmidt Clay K.M. (2002). Comparison of Auditory steady-state response (ASSR) and auditory brainstem response (ABR) thresholds in children. *Journal of the American Academy of Audiology*, 13(5), 227-235.
- Hughes M.L., **Vander Werff, K.R.**, Brown C.J., Abbas, P.J., Kelsay, D.M.R., Teagle H.F.B., & Lowder, M.W. (2001). A longitudinal study of electrode impedance, EAP, and behavioral measures in Nucleus 24 cochlear implant users. *Ear and Hearing*, 22(6), 471-486.

Book Chapters and Invited Manuscripts:

- **Vander Werff, K.R.** (2016). The application of ICF to auditory consequences of mild traumatic brain injury. *Seminars in Hearing*, 37(3), 216-232.
- **Vander Werff, K.R.** (2012). Auditory dysfunction among long-term consequences of mild traumatic brain injury (mTBI). *Perspectives on Hearing and Hearing Disorders: Research and Diagnostics*, 16(1), 3-17.
- **Vander Werff, K.R.**, Johnson, T.A., & Brown, C.J. (2008). Behavioral threshold estimation for auditory steady-state response. In: G. Rance (Ed.), *Auditory Steady-State Response: Generation, Recording, and Clinical Applications* (pp. 125-147). San Diego, CA: Plural.

- *Morse, K. & **Vander Werff, K.R.** (2017, October). The utility of electrophysiological gap detection to assess if tinnitus masks silent gaps in noise. Poster presented at the 2017 NCRAR Conference on Translating Tinnitus Research Findings into Clinical Practice, Portland, OR.

- *Doci, S., Cumber, K.L., **Vander Werff, K.R.**, & Preston, J.L. (2017, April). Event related potentials in response to clear and distorted speech. Poster presented at the 3rd Annual Neuroscience Research Day, Syracuse University.
- *Morse, K. & **Vander Werff, K.R.** (2017, February). Effect of gap duration on the CAEP in tinnitus subjects. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- **Vander Werff, K.R.** (2016, October). Concussion and Audiology: What Should We Know? Invited presentation at the 2016 Vermont Speech-Language Hearing Association Annual Meeting and Fall Conference.
- **Vander Werff, K.R.** (2016, October). Beyond Behavioral: What Does The Brain Tell Us About Understanding Speech in Noise? Invited presentation at the 2016 Vermont Speech-Language Hearing Association Annual Meeting and Fall Conference.
- **Vander Werff, K.R.**, *Niemczak, C.E., *O'Flaherty, S., *Rekola, S., and *Doci, S. (2016, April). Effects of number of talkers and spectrotemporal content of informational masking on the CAEP. Poster presented at the AudiologyNOW Annual Convention of the American Academy of Audiology of Audiology, Phoenix, AZ. (*Winner of Poster Award for Excellence in Electrophysiology*)
- *Niemczak, C.E. & **Vander Werff, K.R.** (2016, February). Informational masking effects on neural encoding of acoustic change. NIH Mentored Student Award poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- **Vander Werff, K.R.** & Rieger, B. (2014, May). Auditory evoked potentials and post-concussion auditory processing at subcortical and cortical levels. UNYTE: Promoting Upstate New York Collaborations in Neuroscience Research, Rochester, NY.
- **Vander Werff, K.R.** & Rieger, B. (2014, February). Post-concussion brainstem neural processing in quiet and noise. Poster presented at the 37th Annual Midwinter Research Meeting, Association for Research in Otolaryngology, San Diego, CA.
- *Cloutier, J.R., *Coscione, K.M., & **Vander Werff, K.R.** (2013, April). Neural encoding at the brainstem level following symptomatic concussion. Poster presented at the AudiologyNOW Annual Convention of the American Academy of Audiology of Audiology, Anaheim, CA. (*Winner of James Jerger Award for Excellence in Student Research*)
- *Coscione, K.M., *Cloutier, J.R., & **Vander Werff, K.R.** (2013, April). Effects of the number of talkers in speech noise on cortical auditory potentials. Poster presented at the AudiologyNOW Annual Convention of the American Academy of Audiology of Audiology, Anaheim, CA.
- **Vander Werff, K.R.**, *Coscione, K.M., & *Cloutier, J.R. (2013, March). Number of background talkers and informational masking effects on CAEP. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- **Vander Werff, K.R.** & Rieger, B. (2013, February). Cortical auditory processing in individuals with long-term symptoms following mild TBI. Poster presented at the 36th Annual Midwinter Research Meeting, Association for Research in Otolaryngology, Baltimore, MD.
- **Vander Werff, K.R.** & Rieger, B. (2012, July). Auditory outcomes for individuals in rehabilitation following mild TBI. Invited seminar at the National Center for Rehabilitative Auditory Research (NCRAR), Portland, OR.
- **Vander Werff, K.R.** & Rieger, B. (2012, April). Auditory outcomes for individuals in rehabilitation following mild TBI. Paper presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- *MacNeil, C. & **Vander Werff, K.R.** (2011, April). Monaural vs. Binaural Brainstem Responses to a Complex Speech Stimulus. Poster presented at the American Academy of Audiology Convention, Chicago, IL.
- **Vander Werff, K.R.** & *Arduini, S. (2011, March). Masker type and SNR effects on cortical responses to speech. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.

- **Vander Werff, K.R.** (2011, January). The BRANCHES study: Neural responses to speech following closed head injury. Presented at the Syracuse University continuing education seminar "Traumatic Brain Injury and its Effect on Speech, Language, and Hearing," Syracuse, NY.
- **Vander Werff, K.R.** (2009, June). Evoked potential measures of central auditory function following head injury. Paper presented at the XX Biennial Symposium of the International Evoked Response Audiometry Study Group, Rio de Janeiro, Brazil.
- *Burns, K.S., *Soll, A.C., & **Vander Werff, K.R.** (2009, March). Brainstem responses to speech in younger and older adults. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- **Vander Werff, K.R.** (2009, March). Evoked potential measures of central auditory function following head injury: preliminary data. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- *Nesbitt K.L., & **Vander Werff, K.R.** (2008, November). Cortical evoked potentials to frequency change in hearing impaired individuals: Evidence of cortical plasticity? Poster presented at the American Speech-Language-Hearing Association Convention, Chicago, IL.
- **Vander Werff, K.R.** (2007, April). ASSR analysis methods and the effect on clinical results. Paper presented at the American Academy of Audiology Convention, Denver, CO.
- Prieve B.A., **Vander Werff, K.R.**, & Georgantas L.M. (2006, April). TB-ABR, OAE & middle ear measures in sleeping infants. Poster presented at the American Academy of Audiology Convention, Minneapolis, MN.
- *Senior M.L., & **Vander Werff, K.R.** (2006, March). Comparison of clinical protocols and analysis methods for recording ASSR. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- **Vander Werff, K.R.**, Prieve B.A., & Georgantas L.M. (2005, March). Comparing middle ear measures to ABR air-bone threshold status in infants. Poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.
- **Vander Werff, K.R.**, & Prieve B.A. (2004, February). Test-retest reliability of wide-band reflectance measures in infants. Poster presented at the 27th Annual Midwinter Research Meeting, Association for Research in Otolaryngology, Daytona Beach, FL.