

Julie A. Honaker, Ph.D. CCC-A

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PERSONAL STATEMENT

I am a formally trained research Audiologist in clinical assessment of dizziness and balance disorders. My research program is focused on clinical research and clinical decision analysis pertaining to patients across the lifespan with vestibular disorders. I received intensive training during my postdoctoral fellowship at the Mayo Clinic under the direction of Drs. Neil T. Shepard, Jeffrey Staab, and Scott Eggers, all experts in the community of dizziness and balance disorders. I have extensive experience with a variety of vestibulo-ocular reflex (VOR), postural control including head shake posturography, and evoked potential recording techniques (i.e., vestibular evoked myogenic potentials) techniques. I have broad interests in risk of falling and traumatic brain injury. My current research program focuses on the study of the functional changes to the vestibular system post-concussion.

EDUCATION

07/2009	Post-Doctoral Fellowship, Department of Otorhinolaryngology, Division of Audiology, Mayo Clinic, Rochester, MN, Advisor: Neil T. Shepard
12/2006	Ph.D., Audiology, University of Cincinnati Dissertation: <i>A Team Approach Risk of Falling Program Assessment and Remediation Program for Community Dwelling Older Adults with a Fear of Falling</i> , Advisors: Robert Keith, Daniel Choo, Ravi Samy, Laura Kretschmer
06/2003	Certificate of Clinical Competence in Audiology, American Speech-Language-Hearing Association
06/2001	M.A. Audiology, University of Cincinnati
06/1999	B.S. Communication Sciences and Disorders, University of Cincinnati

PROFESSIONAL EXPERIENCE

2009 – Present	Assistant Professor (tenure track), Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, Lincoln, NE
2007 – 2009	Director, Dizziness and Balance Disorders Lab, University of Lincoln, Lincoln, NE
2007 – 2009	Postdoctoral Fellow, Department of Otorhinolaryngology, Division of Audiology, Mayo Clinic, Rochester, MN
2005 – 2007	Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, University of Cincinnati, College of Medicine, Cincinnati, OH
OH	Director, Division of Audiology and Balance Testing, University of Cincinnati Medical Center, Cincinnati, OH

2001 – 2005

Clinical Audiologist, University of Cincinnati, Cincinnati, OH

PUBLICATIONS

REFEREED ARTICLES

1. Lee, C.,¹ **Honaker, J.A.** (*manuscript under review*) Trend in post-treatment restrictions of BPPV among US vestibular professionals.
2. **Honaker, J.A.**, Houston, L.F, Patterson, J.N., Jones, S.M. (*manuscript under review*). Implications for post-concussion dizziness on neurocognitive performance in collegiate football players.
3. **Honaker, J.A.**, Lee, C., Criter, R.E., Jones, T. (*manuscript in revision*). Test-retest reliability of the Vestibular Sensory Evoked Potential (VsEP) in C57BL6J mice
4. **Honaker, J.A.**, Criter, R.E., Patterson, J.N., Jones, S.M. (*manuscript under review*). Gaze Stabilization Test asymmetry Score as an indicator of previously reported head injury in a cohort of collegiate football players.
5. Patterson, J.N.¹, **Honaker, J.A.** (*in press*) Survey of audiologists' views on risk of falling assessment in the clinic. *Journal of the American Academy of Audiology*
6. Criter, R.E.¹, **Honaker, J.A.** (2013) Prevalence of falls and fear of falling in the audiology clinic. *Journal of the American Academy of Audiology*. 24(10), 1001-5. Doi: 10.3766/jaaa.24.10.11.
7. **Honaker, J.A.**, Kretschmer, L.W. (2013) Impact of Fear of Falling for Patients and Caregivers: Perceptions Before and After Participation in Vestibular and Balance Rehabilitation Therapy. *American Journal of Audiology*, July 3, 2013, Epub ahead of print.
8. **Honaker, J.A.**, Gilbert, J.M., Shepard, N.T., Blum, D.J., & Staab, J.P. (2013). Adverse effects of health anxiety on management of a patient with BPPV, Vestibular Migraine and Chronic Subjective Dizziness. *American Journal of Otolaryngology*, 34(5), 592-5. Doi: 10.1016/j.amjoto.2013.02.002.
9. Lee, C.¹, **Honaker, J.A.** (2013) Development of a bedside gaze stabilization test. *Journal of Vestibular Research*, 23(2): 77-84. Doi: 10.3233/VES-130482
10. **Honaker, J.A.**, Lee, C., Shepard, N.T. (2013) Clinical utility of the gaze stabilization test as a screener for falls in community-dwelling older adults. *Otology & Neurotology*, 34(4): 729-35. Doi: 10.1097/MAO.0b013e31827d8a5f.
11. **Honaker, J.A.**, Tomasek, R., Bean, K., Logan, B. (2012). The impact of visual disorders on vestibular rehabilitation outcomes in soldiers with blast injury. *International Tinnitus Journal*, 17(2), 126-135.
12. **Honaker, J.A.**, Shepard, N.T. (2012) Performance of the Fukuda Stepping Test as a function of the severity of caloric asymmetry in chronic dizzy patients. *Journal of the American Academy of Audiology*, 23(8): 616-22.
13. **Honaker, J.A.**, Shepard, N.T. (2011). The use of the Dynamic Visual Acuity Test as a screener for community-dwelling older adults who fall. *Journal of Vestibular Research*, 21(5): 267-276.
14. **Honaker, J.A.** (2011) Hearing loss as a result of common and rare medical conditions: clinical findings, management options, and prevention strategies. *Seminars in Hearing* 32(4): 297-298.
15. Wolfe, A.K.¹, **Honaker, J.A.**, & Decker, T. N. (2011) Exploring the association of hearing loss with diabetes mellitus: a critical review. *Seminars in Hearing* 32(4): 332-342.

¹ Mentored Graduate Student Project

16. Hoefler Tvrdy, F.¹, Johnson, T., Hoffman, J., **Honaker, J.A.**, Boney, S. J. (2011) Trends in congenital cytomegalovirus: a review of current screening methods and prevention strategies. *Seminars in Hearing* 32(4): 321-331.
17. **Honaker, J.A.**, Shepard, N.T. (2010) Age effect on the Gaze Stabilization Test. *Journal of Vestibular Research*, 20: 357-362.
18. **Honaker, J.A.**, Gilbert, J.M., Staab, J.P. (2010) Chronic Subjective Dizziness (CSD) vs. Conversion Disorder: Discussion of clinical findings and rehabilitation. *American Journal of Audiology*, 19(1): 3-8.
19. **Honaker, J.A.**, Converse, C.M., Shepard, N.T. (2009) Modified head-shake computerized dynamic posturography. *American Journal of Audiology*, 18(2): 108-13.
20. **Honaker, J.A.**, Boismier, T.E., Shepard, N.P., Shepard, N.T. (2009) Fukuda stepping test: sensitivity and specificity. *Journal of the American Academy of Audiology*, 20: 311-314.
21. **Honaker, J.**, Samy, R.N. (2008) Migraine-associated vestibulopathy. *Current Opinion in Otolaryngology- Head and Neck Surgery* 16(5): 412-5.
22. **Honaker, J.A.**, Samy, R.N. (2007) Vestibular evoked myogenic potentials. *Current Opinion in Otolaryngology- Head and Neck Surgery*; 15: 330-334.

CLINICAL GUIDELINES AND NON-PEER REVIEWED

1. Criter, R.E.², Patterson, J.N.², **Honaker, J.A.** (*in press*) Audiologists' role in assessing risk of falls. *ASHA Sig 8 – Perspectives on Hearing and Balance*.
2. **Honaker, J.A.**, Criter, R.E., Patterson, J.N. (2013, December 01) Life in Balance: With a few questions to gauge older clients' susceptibility to falls, audiologists can help keep them active and upright. *ASHA Leader*
3. **Honaker, J.A.**, Janky, K. (2011, June 07) Beyond the VNG: Integrating Dynamic Visual Acuity and Subjective Visual Vertical into the Vestibular Test Battery. *ASHA Leader*
4. Shepard, N.T., **Honaker, J.A.** (2011) Functional Assessment of the Vestulo-Ocular Reflex. *Minnesota Academy of Audiology Newsletter*.
5. Samy, R. N., **Honaker, J.A.**, Schiltz, E., Battista, R. A. (2011 & 2010) Hearing Loss Rehabilitation for Acoustic Neuroma Patients: An Update. *Acoustic Neuroma Association booklet*, 1-16.
6. Samy, R.N., **Honaker, J.** (2007) Hearing Loss Rehabilitation for Acoustic Neuroma Patients. *Acoustic Neuroma Association Notes*; 102: 1, 9-10.
7. **Honaker, J.A.** (2007). A team approach risk of falling assessment and remediation program for community- dwelling older adults with balance disorders and a fear of falling. *Dissertations Abstracts International, B67, (12), 170 pages*.

BOOK CHAPTERS

1. **Honaker, J.A.**, Criter, R.² (2013) Posturography. In. S.E. Kountakis, J.B., Jacobs, R. A. Lebowitz et al (Eds), *Encyclopedia of Otolaryngology, Head and Neck Surgery*: Springer Major Reference Work
2. **Honaker, J.A.**, Wolfe, A.². (2013) Vestibular dysfunction – Cervical Vertigo. In S. E. Kountakis, J. B. Jacobs, R. A. Lebowitz et al (Eds), *Encyclopedia of Otolaryngology, Head and Neck Surgery*: Springer Major Reference Work

² Mentored Graduate Student Project

3. Hendrickson, M.², **Honaker, J. A.** (2013) Vestibular dysfunction –Meniere’s Disease. In S. E. Kountakis, J. B. Jacobs, R. A. Lebowitz et al (Eds), *Encyclopedia of Otolaryngology, Head and Neck Surgery*: Springer Major Reference Work

MANUSCRIPTS IN PREPARATION

1. **Honaker, J.A.**, Janky, K.L., Patterson, J.N., Shepard, N.P. (*in preparation*). Modified Head-Shake Sensitivity and Specificity.
2. Criter, R.E., **Honaker, J.A.** (*in preparation*). Risk of falling screening program
3. **Honaker, J.A.**, Twedt, M., Patterson, J.P., Criter, R.E., Truemper, E., Bashford, G. (*in preparation*) Cerebral Blood Flow Patterns During Postural Control Perturbations.

PRESENTATIONS

PEER-REVIEWED SCIENTIFIC PANELS AND PRESENTATIONS

1. Patterson, J.N.³, **Honaker, J.A.**, Janky, K.L., Shepard, N.T. (2014, March) *Modified head shake posturography: sensitivity and specificity*. American Balance Society.
2. Janky, K.L., Patterson, J.N., Shepard, N.T., **Honaker, J.A.** (2014, March) *Clinical utility of the video head impulse test*. American Balance Society.
3. Criter, R.E.³, **Honaker, J.A.** (2014, March) Results from a community fall risk screening day. *American Balance Society*.
4. Twedt, M.³, Patterson, J.N.³, Criter, R.E.³, **Honaker, J.A.**, Truemper, E., Bashford, G. (2014, March) *Pilot study to determine feasibility of simultaneous cerebral blood flow monitoring and postural control measurements*. American Institute of Ultrasound in Medicine.
5. Lee, C.³, **Honaker, J.A.** (2013, November) *Trend in post-treatment restrictions of BPPV among US vestibular professionals*. American Speech, Language, Hearing Association Convention, Poster Session, Chicago, IL.
6. **Honaker, J.A.** (2013, March). *The effect of multifocal lenses on dynamic visual acuity, risk of falling measures and perceived balance confidence in older adults*. American Balance Society Symposium, Scottsdale, AZ.
7. **Honaker, J.A.**, Lee, C., Criter, R.E., Jones, T. (2013, March). *Test-retest reliability of the Vestibular Sensory Evoked Potential (VsEP) in C57BL6J mice*. American Balance Society Symposium, Scottsdale, AZ.
8. **Honaker, J.A.**, Criter, R.E., Patterson, J.N., Jones, S.M. (2013, February). *Gaze Stabilization Test Asymmetry Score as an Indicator of Previously Reported Head Injury in a Cohort of Collegiate Football Players*. Association for Research in Otolaryngology Convention, Baltimore, MD
9. Lee, C.³, **Honaker, J. A.** (2013, February) *Development of a Bedside Gaze Stabilization Test*. Association for Research in Otolaryngology Convention, Baltimore, MD.
10. **Honaker, J.A.**, Janky, K.L. (2012, November) *Vestibular Assessment Considerations at Both Ends of the Life Spectrum*. American Speech Language Hearing Association Convention, Atlanta, GA.
11. Lee, C.³, **Honaker, J.A.** (2012, March) *Development of a Bedside Gaze Stabilization Test*. American Balance Society Symposium, Scottsdale, AZ.

³ Mentored Graduate Student Project

12. Shives, J. ³, **Honaker, J.A.** (2012, March) *Survey of Audiologists' Best Practice For Assessing Risk of Falling*, Research Poster Session, American Academy of Audiology Convention, Boston, MA.
13. Wolfe, A.K. ³, **Honaker, J.A.** (2011, April) *Encountering Patients with Cervical Osteophytes in the Vestibular Clinic: A Case Study and Discussion of Symptoms, Signs, and Treatment Approaches*, Clinical Poster Session, American Academy of Audiology Convention, Chicago, IL.
14. **Honaker, J.A.** (2011, March) *Coupling Prism Therapy with Vestibular Rehabilitation Therapy for Patients with Mild TBI and Diagnosis of Visual Midline Shift: A Case Report*, American Balance Society Symposium, Scottsdale, AZ.
15. **Honaker, J.A.**, Shepard, N.T. (2010, October) *Dynamic Visual Acuity (DVA) and Gaze Stabilization Testing (GST) in Identifying Falling Risk*. Poster Session, Nebraska Speech, Language, Hearing Association 2010 Fall Convention, Kearney, NE.
16. **Honaker, J.A.** (2010, October). *Practitioner's Guide to the Bedside Vestibular Examination*. Nebraska, Speech, Language, Hearing Association 2010 Fall Convention, Kearney, NE.
17. **Honaker, J.A.** (2010, April). *From Presentations to Publications: An Au.D. Program Model for Professional Growth*. Learning Module presented at the American Academy of Audiology Convention, San Diego, CA.
18. Gilbert, J.M., **Honaker, J.A.**, Staab, J.P. (2010, April) *The Effect of Health Anxiety on Two Individuals with Chronic Balance Disorder Symptoms*. Poster Session, American Academy of Audiology Annual Convention, San Diego, CA.
19. Gilbert, J.M., **Honaker, J.A.**, Staab, J.P. (2010, March) *The Effect of Health Anxiety on Two Individuals with Chronic Balance Disorder Symptoms*. American Balance Society Symposium, Scottsdale, AZ
20. **Honaker, J.A.**, Shepard, N.T. (2010, March). *Dynamic Visual Acuity Testing (DVA) and Gaze Stabilization Testing (GST) in Identifying Falling Risk*. American Balance Society Symposium, Scottsdale, AZ
21. Gilbert, J.M., **Honaker, J.A.**, Staab, J.P. (2009, October). *What Audiologists Really Need to Know: The Link Between Psychological Disorders and Dizziness*. Nebraska Speech, Language, Hearing Association 2009 Fall Convention, Kearney, NE.
22. **Honaker, J.A.**, Gilbert, J., Staab, J.P. (2009, April) *Vestibular Grand Rounds- Chronic Subjective Dizziness (CSD) vs. Conversion Disorder: Discussion of clinical findings and rehabilitation*. Panel discussion, The American Academy of Audiology Annual Convention, Dallas, TX.
23. **Honaker, J.A.**, Shepard, N.T. (2009, April) *Age effect on the Gaze Stabilization Test*. Poster session, The American Academy of Audiology Annual Convention, Dallas TX.
24. Converse, C., **Honaker, J.**, Shepard, N. (2008, April) *Head-movement postural control*. Poster session at the American Academy of Audiology Convention, Charlotte, NC.
25. **Honaker, J.A.**, Keith, R., Kretschmer, L., Choo, D., & Shumrick, P. (2007, November). *Fall prevention program for older adults with a fear of falling*. Instructional Course presented at the American Speech-Language-Hearing Association Convention, Boston, MA.
26. **Honaker, J.A.**, Keith, R.W. (2005, March). *A Primer on Balance Disorder Assessment and Remediation*. Instructional course presented at the Ohio Speech-Language Hearing Association Convention, Columbus, OH.
27. Segal, A., **Honaker, J.A.**, Keith, R.W., & Shumrick, P. (2005, March). *The ENG is Normal: Now what do I do?* Panel Discussion at the Ohio Speech-Language Hearing Association

Convention, Columbus, OH.

28. **Honaker, J. A.** (2005, February). *Fall Prevention in Audiology*. Vestibular Grand Rounds Presentation at the Ohio Academy of Audiology Convention, Columbus, OH

INVITED SCIENTIFIC PANELS AND PRESENTATIONS

1. **Honaker, J.A.**, *Balance Consequences Post Head Injury* (2014, April). Missouri Speech Language Hearing Association Convention, Osage Beach, MO.
2. **Honaker, J.A.**, *Risk of Falling in the Audiology Clinic* (2014, April). Missouri Speech Language Hearing Association Convention, Osage Beach, MO.
3. **Honaker, J.A.**, *Functional evaluation of the vestibular system and vestibular consequences post-head injury* (2013, December). Georgia Southern University, Biomedical Engineering Department, Statesboro, GA.
4. **Honaker, J.A.**, Criter, R.E., Patterson, J.N. (2013, November) *Audiologists' role in assessing risk of falls*. American Speech Language Hearing Association Convention, Chicago, IL.
5. **Honaker, J.A.** (2013, April) *Vestibular consequences post head-injury*. Arizona Speech, Language, Hearing Association Convention, Phoenix, AZ.
6. **Honaker, J.A.**, Gilbert, J.M., Converse, C.M., Patterson, J.N. (2013, April) *Vestibular grand rounds*. Featured Session, American Academy of Audiology Convention, Anaheim, CA.
7. **Honaker, J.A.**, (2012, August) *UNL Research Strengths and Needs*, Building Research Collaborations: UNL Athletics & Research, University of Nebraska-Lincoln, Lincoln, NE.
8. **Honaker, J.A.** (2011, November) *Assessing the patient who falls: a step-by-step approach*. eAudiology Web Seminar, American Academy of Audiology.
9. **Honaker, J.A.**, Janky, K., Givens, D. (2011, September) *Pediatric and geriatric vestibular assessment and Remediation: What to do when your patient is outside of the normative range*. Nebraska Speech, Language and Hearing Association 2011 Fall Convention, Kearney, NE.
10. **Honaker, J.A.**, (2011, March) *Functional evaluation of the vestibulo-ocular reflex (VOR)*. Micromedical Technologies Sponsored Educational Event, Scottsdale, AZ.
11. **Honaker, J.A.** (2011, March) *Assessing the Patient with Falls*. Micromedical Technologies Sponsored Educational Event, Scottsdale, AZ.
12. McCaslin, D., **Honaker, J.A.**, Janky, K.L. (2011, April) Top 10 in 2010: *Enhancing vestibular assessment 1 article at a time*. Featured Session, American Academy of Audiology Convention, Chicago, IL.
13. **Honaker, J.A.** (2010, October) *Vestibular Bedside Examination and Assessment and Management of BPPV*. Nebraska Speech, Language, Hearing Association 2010 Fall Convention, Kearney, Nebraska.
14. **Honaker, J.A.** (2010, March) *Adult Vestibular Assessment*, Ohio Speech-Language Hearing Association Annual Convention, Columbus, OH
15. **Honaker, J.A.** (2009, September). *Chronic Subjective Dizziness vs. Conversion Disorder. Communication Disorders Brown Bag*, University of Nebraska-Lincoln, Lincoln, NE.
16. **Honaker, J.A.**, Davis, B., (2007, September). *Audiology OSHA compliance issues*. Instructional course presented at the Western Ohio Occupational and Environmental Medical Association and the Tri State Occupational Medical Association Conference Charleston, WV.

17. Greinwald, J., **Honaker, J.A.**, & Lavendar, V. (2007, August). *Pediatric Balance Assessment*, University of Cincinnati, College of Medicine, Department of Otolaryngology Grand Rounds, Cincinnati, OH.
18. Samy, R., **Honaker, J.A.** (2007, July) *Hearing Devices Workshop*, Acoustic Neuroma Association National Symposium, Philadelphia, PA.
19. **Honaker, J.A.** (2006, December). *Clinical Assessment in a Contemporary Diagnostic Balance Disorder Center*. Ninth Annual ENT Update: 2006 Hearing Loss Symposium, The Department of Otolaryngology – Head and Neck Surgery University of Cincinnati Academic Health Center, Cincinnati, OH.
20. **Honaker, J.A.** (2006, December). *Hearing Aids*. Ninth Annual ENT Update: 2006 Hearing Loss Symposium The Department of Otolaryngology – Head and Neck Surgery University of Cincinnati Academic Health Center, Cincinnati, OH.
21. **Honaker, J.** (2006, January). *Risk of Falling in the Elderly*. Mayo Clinic, Department of Otolaryngology Head and Neck Surgery Grand Rounds, Rochester, MN.
22. **Honaker, J.** & Shumrick, P. (2005, December). *Risk of Falling in the Elderly*, University of Cincinnati, College of Medicine, Department of Otolaryngology Grand Rounds, Cincinnati, OH.
23. **Collier (Honaker), J.** (2004, January). *Vestibular Evoked Potentials: A New Balance Assessment Tool*. University of Cincinnati, College of Medicine, Department of Otolaryngology Grand Rounds, Cincinnati, OH
24. **Collier (Honaker), J.** (2002, February). *Use of the Fukuda Stepping Test in the Diagnosis of Peripheral Vestibular Dysfunction*. University of Cincinnati Research/Scholarship Forum, Third Annual Graduate Poster Forum, Cincinnati, OH.
25. **Collier (Honaker), J.** (2001, May). *Use of the Fukuda Stepping Test in the Diagnosis of Peripheral Vestibular Dysfunction*. University of Cincinnati Praise Conference, Cincinnati, OH.

GRANTS

FUNDED

1. Co- Principal Investigator, University of Nebraska-Lincoln /Big10 & Committee on Intercollegiate Collaboration (CIC) Sports Concussion Research Seed Grant. (Award total: \$148,500.00).
2. Co-Investigator, Operation-Re-Entry NC (ORNC), an ECU-DoD partnership. *Pilot Project: Sensory Reweighting in Trauma or Blast Induced Dizziness*. 10/1/12 to 09/29/13 (Award total: \$123,105.00).
3. Principal Investigator, University of Nebraska-Lincoln Layman Grant: *Bedside Dynamic Visual Acuity Testing for Identifying Falling Risk, 2011-2012*, (Award total: \$9,450.00).
4. Principle Investigator, University of Nebraska-Lincoln College of Education and Human Sciences, *Scholarly Enhancement Research Grant, 2010-2012*, (Award total: \$5,200).
5. Principle Investigator, University of Nebraska-Lincoln *Research Development Fellows Grant, 2010-2011*, (Award total: \$1,800).
6. Principal Investigator, American Speech-Language-Hearing Association Advancing Academic-Research Careers Award: *Mentorship in an early research career with a focus on student research training, 2010-2011*, (Award total: \$5000.00), Mentors: Jordan Green, Neil T. Shepard, Gary Jacobson, & Devin McCaslin.

7. Principal Investigator, American Academy of Audiology, American Academy of Audiology Foundation New Investigator Researcher Award *Gaze Stabilization Testing for Predicting Fall Risk, 2008-2009*, (Award total: \$5175.00).
8. Principal Investigator, Mayo Clinic, Small Research Grant Award, *Effect of Age on Gaze Stabilization Testing*, 2007-2009, (Award total: \$975.00).
9. Principal Investigator, Mayo Clinic, Small Research Grant Award, *Dynamic Visual Acuity Testing for Predicting Fall Risk*, 2007-2009, (Award total: \$5,132.00).
10. Principal Investigator, College of Allied Health Sciences Interdisciplinary Grant University of Cincinnati, *A Team Approach Risk of Falling Assessment and Remediation Program for Community Dwelling Older Adults with a Fear of Falling*, 2006, (Award total: \$1000.00).

GRANTS PENDING

1. Principal Investigator, National Operating Committee on Standards for Athletic Equipment (NOCSAE) Research Grant: Functional changes to the vestibular/balance system following sport-related concussion in collegiate athletes. (Requested amount: \$186,597).
2. Principal Investigator, BryanLGH Foundation: Fall risk in elderly patients with heart disease. (Requested amount: \$27,286).
3. Principal Investigator, BioControl Medical: Increase of vagal tone in chronic heart failure (INOVATE-HF) – A Randomized study to establish the safety and efficacy of CardioFit for the treatment of subjects with heart failure and left ventricular dysfunction (Protocol CP-05-025), substudy: determine adverse effect on balance function and falling risk (Requested amount : \$12, 242).
4. Co-Principal Investigator, NineSigma, GE/NFL: Combining Cerebral Blood Flow and Balance Measurements to Improve Concussion Detection. (Requested amount: \$298,661).
5. Co- Investigator, NIH NIDCD R21: Human vestibular sensory evoked potentials. (Requested amount: \$400,719.00).
6. Co- Investigator, Operation-Re-Entry NC (ORNC), an ECU-DoD partnership. (Requested amount: \$691,029.00).

GRANTS IN PREPARATION

1. Principal Investigator, NineSigma, GE/NFL: GE/NFL Proposal for Head Health Challenge II: Innovative Approaches for Identifying and Preventing Brain Injury (proposal due January 31, 2014)

STUDENT MENTORED AWARDS/GRANTS

1. Mentor, Nebraska Speech Language Hearing Association Endowment Fund, 2013 Student Investigator Grant, awardee: Robin Criter (Total award: \$1000.00)
2. Mentor, American Academy of Audiology Foundation, 2013 Student Vestibular and Balance Research Grant, awardee: Robin Criter (Total award: \$5000.00)
3. Mentor, ASHA 2012 Students Preparing for Academic Research Careers Award, awardee: Jessie Patterson (Total award: \$1500.00)
4. Mentor, ASHA 2012 Audiology/Hearing Science Research Travel Award, awardee: Jessie Patterson (Total award: \$500.00)
5. Mentor, ASHA 2012 Audiology/Hearing Science Research Travel Award, awardee: Choongheon Lee (Total award: \$500.00)
6. Mentor, American Academy of Audiology Foundation, 2012 Student Summer Research

Fellowship in Vestibular and Balance Disorders, awardee: Choongheon Lee (Total award: \$2500.00)

7. Mentor, University of Nebraska-Lincoln Undergraduate Creative Activities and Research Experiences Student Grant 2012, awardee: Chelsea Hull. (Total award: \$1500.00)
8. Mentor, University of Nebraska-Lincoln Undergraduate Creative Activities and Research Experiences Student Grant 2012, awardee: Anthony Evans. (Total award: \$1500.00)
9. Mentor, ASHA 2011 Audiology/Hearing Science Research Travel Award, awardee: Robin Criter (Total award: \$500.00)
10. Mentor, ASHA 2010 Audiology/Hearing Science Research Travel Award, awardee: Kayla Ashland (Total award: \$500.00)
11. Mentor, University of Nebraska-Lincoln Undergraduate Creative Activities and Research Experiences Student Grant 2011, awardee: Anthony Evans. (Total award: \$1500.00)
12. Mentor, University of Nebraska-Lincoln Undergraduate Creative Activities and Research Experiences Student Grant 2010, awardee: James Hofker. (Total award: \$1000.00)
13. Mentor, University of Nebraska-Lincoln Undergraduate Creative Activities and Research Experiences Student Grant 2010, awardee: Courtney Rief. (Total award: \$1000.00)

PENDING STUDENT MENTORED AWARDS/GRANTS

1. Mentor, American Academy of Audiology Foundation, 2014 Student Vestibular and Balance Research Grant, applicant: Jessie Patterson (Total requested amount: \$5000.00)
2. Mentor, American Academy of Audiology Foundation, 2014 Student Summer Research Fellowship in Vestibular and Balance Disorders, applicant: Diana Weissbeck (Award amount: \$2500.00).

COURSES TAUGHT

UNIVERSITY OF NEBRASKA – LINCOLN

1. SLPA 932: Vestibular Assessment I, Course Description: The first of a two-course series on the normal and pathophysiology of the human balance system and tools for its investigation and treatment. Normal anatomy and physiology of the balance and ocular motor systems, contrasted with a wide range of pathological conditions. Electronystagmography (videonystagmography two- and three-dimensional recordings) and assessment of the otolith organs.
2. SLPA 934: Vestibular Assessment II, Course Description: The second of a two-course series on the normal and pathophysiology of the human balance system and tools for its investigation and treatment. Advanced techniques for patient assessment using rotational chair and posturography protocols. Techniques for full assessment in an office situation without extensive equipment. Options for treatment and management of this group of patients. Vestibular and balance rehabilitation therapy program development.
3. SLPA 906: Advanced Clinical Assessment II (Evidence-Based Practice), Course Description: Issues of professionalism and the development of best-practice models in Audiology. Relationship-centered patient care and the impact of multicultural issues on the practice of Audiology. Use of clinical decision analysis and evidence-based practice. Application to the common clinical assessment tools discussed in the “Advanced Audiological Assessment I” course.
4. SLPA 942: Seminar in Audiology, Course Description: Research and clinical procedures; findings and implications in audiology and hearing science.

5. SLPA 994: Doctoral Capstone Thesis, Course Description: Mentored Capstone Experience in the form of a research project paper containing a significant treatment of some aspect of audiology.
6. SLPA 995: Doctoral Seminar, Course Description: Students are immersed in outcome-based scholarly activities with a faculty mentor. Working on either an individualized or small group basis, students develop, execute and report one or more projects addressing the interaction between research and practice.

UNIVERSITY OF CINCINNATI

1. CSD 822: Vestibular Assessment and Rehabilitation, Course Description: Anatomy and physiology of the vestibular system; overview of videonystagmography, rotational chair and computerized dynamic posturography assessment measures.
2. CSD 820: Electrophysiology Measurements, Course Description: Overview of auditory evoked potentials; lectures and labs covering auditory brainstem response testing, middle and late latency evoked potentials.
3. CSD 714: Neuroscience of the Auditory System, Course Description: Neuro-anatomy and neuroscience related to the auditory system
4. CSD 561: Audiology I, Course Description: First of three introduction to audiology courses; discussion of physiology, review of hearing science, pure tone testing.
5. CSD 562: Audiology II, Course Description: Second of three introduction to audiology courses; immittance battery protocol, masking procedures.
6. CSD 512: Neurological Foundations of Communication, Course Description: Discussion of neurology, blood supply, anatomical structures of speech, language and hearing.

GUEST LECTURER

UNIVERSITY OF NEBRASKA – LINCOLN

1. BSEN 100: Introduction to Biological Systems Engineering and Agricultural Engineering: *Balance System Sensors*
2. SLPA 150: Communication Processes and Disorders, Lecture: *Introduction to Balance Disorders*

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1. NS 841, Brain and Behavior, Lecture for 1st Year Medical Student Course : *Neurologic Exam III: Clinical Evaluation of the Dizzy Patient*
1. CSD 940, Graduate Seminar for Doctor of Audiology Program, Lecture: *Risk of Falling in the Elderly*
2. CSD 212, Survey of Communication Disorders for undergraduate Speech, Language Pathology and Audiology Students, Lectures: *Introduction to Balance Disorders & Hot Topics in Audiology*
3. MD 533, Medical Curriculum Special Studies Course, 3rd Year Medical Student Course, Lecture: *Audiologic Evaluation*
4. CSD 817, Seminars in Clinical Audiology for Doctor of Audiology Students, Lecture: *Cochlear Implant Programming*
5. CSD 731, Neurological Bases of Communication Disorders for Doctor of Audiology Students Lectures: *The Auditory and Vestibular System & Neuro-anatomy Review with Whole Brain, Brainstem, and Spinal Cord Specimens.*

STUDENT MENTORING

DOCTORAL STUDENTS (Ph.D.)

Doctoral Primary Mentor

1. Jessie Patterson, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln
2. Robin Criter, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln

Academic Committee Member

1. Choongheon Lee, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln

DOCTORAL STUDENTS (Au.D.)

Capstone Primary Mentor

1. Diana Weissbeck, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2013-2015; *Development of a Head Shake Postural Control Protocol for Potential Use in Concussion Assessment*
2. Alaina Bassett, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2013-2015; *Patient and Caregiver Perception of Balance Confidence*
2. Jessie Patterson, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2011-2014; *Survey of Risk of Falling Assessment in the Audiology Clinic*
3. Ashley Evers, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2011-2013; *Sensitivity and Specificity of Postural Evoked Responses*
4. Erin Schiltz, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2011-2013; *Evaluating the effectiveness of a Risk of Falling Screening Program*
5. Kayla Ashland, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2010-2012; *Ocular Vestibular Evoked Myogenic Potentials in Children: A Pilot Study*
6. Rachel Tomasak, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2010-2012; *Incidence of Subjective Dizziness and Visual Disturbances in Military TBI Patients*
7. Deric Peterson, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2009-2011; *Age Effects of Ocular Vestibular Evoked Myogenic Potentials and Evaluation of Threshold Response Curves*

Capstone Co-Primary Mentor

1. Amanda K. Wolfe, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2009-2011; *Audiological Manifestations in the Diabetic Patient: A Critical Review*

Capstone Committee Member

1. Jessica Green, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2013-2015; *Evaluating Inter-Rater Reliability of AuD Student Competency Examination Rubric System: Movement Toward Standardized Assessment*
2. Francine Hoefler Tvrdy, Department of Special Education and Communication Disorders, University of Nebraska-Lincoln, 2009-2011; *Trends in Congenital Cytomegalovirus: Review of Current Screening Methods and Prevention Strategies*
3. Jill Davison, Department of Communication Sciences and Disorders, University of Cincinnati, Capstone Research Project Committee Member, 2006; *Vestibular Evoked Myogenic Potentials*
4. Dawn Estelle, Department of Communication Sciences and Disorders, University of Cincinnati, Capstone Research Project Committee Member, 2005; *Central Auditory Processing Disorders: Outcome Measures*

Doctor of Audiology (Au.D.) Primary Advisor

1. Taylor Boney, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
2. Kristen Euscher, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
3. Sara Fultz, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
4. Jameson Hofker, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
5. Kelci Kilthau, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
6. Ashton Lampe, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
7. Sara Stiff, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln
8. Nicole Witzel, Dept of Spec Ed & Comm Dis, University of Nebraska-Lincoln

UNDERGRADUATE STUDENTS

Senior Biomedical Engineering Project Committee Member

1. Department of Biomedical Sciences and Engineering, University of Nebraska-Lincoln, Senior Design Project 2012; *Development of a Sideline Postural Control Monitor*
2. Department of Biomedical Engineering, University of Minnesota, Senior Design Project 2010-2011; *Development of a Bedside VOR Diagnostic/Progress Monitoring Device*

AWARDS, HONORS AND MEMBERSHIP IN HONORARY SOCIETIES

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| 2013 – 2014 | Nomination, College of Education and Human Sciences, Emerging Scholar Award
Invited Presenter for Featured Session related to Falls Prevention, American Speech, Language, Hearing Association Convention
Invited Presenter for Featured Session related to Vestibular and Balance Disorders, American Academy of Audiology Convention |
| 2012 – 2013 | Nomination, Deans Award for Excellence in Graduate Student Mentoring, University of Nebraska-Lincoln |
| 2011 – 2012 | Invited Presenter for Featured Session related to Vestibular and Balance Disorders, American Academy of Audiology Convention |
| 2010 – 2011 | Fellow, University of Nebraska-Lincoln Research Development Fellows Program
Fellow, College of Education and Human Sciences Scholarly Enhancement Program, University of Nebraska-Lincoln |

- 2008 New Investigator Research Award- American Academy of Audiology and American Academy of Audiology Foundation.
- 2004 Excellence in Teaching Award for Graduate Assistants- College of Allied Health Sciences, University of Cincinnati.
- 1999 – 2005 Graduate Student Scholarship, University of Cincinnati
- 1999 – 2004 Graduate Student Assistant, University of Cincinnati
- 1998 – 1999 Sigma Phi Women's Honorary, University of Cincinnati

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Acoustic Neuroma Association
American Speech Language Hearing Association
American Academy of Audiology
American Balance Society
Association for Research in Otolaryngology
International Society for Gait and Postural Research
Nebraska Speech, Language, Hearing Association

OTHER PROFESSIONAL ACTIVITIES

PROFESSIONAL JOURNAL REVIEW/EDITORIAL ACTIVITIES

- 2013 ASHA 2013 Audiology/Hearing Science Research Travel Award (ARTA) Application Reviewer.
- 2010 – Present Ad Hoc Reviewer: Physical Therapy in Sport, Archives of Physical Medicine and Rehabilitation, Journal of the American Academy of Audiology, Ear and Hearing, Gait and Posture, Acta-Oto-Laryngologica, JAMA Otolaryngology-Head & Neck Surgery, Journal of Vestibular Research, International Journal of Audiology, Contemporary Issues in Communication Sciences and Disorders
- 2011 ASHA Mentoring Academic Research Careers (MARC) Program
- 2010 Seminar in Hearing (Guest Editor)
- 2002 Student editor and co-author of chapter questions and learn more sections for on-line version of Introduction to Communication Disorders, by F. Silverman, Atomic Dog Publishing Group

NATIONAL, REGIONAL AND STATE PROFESSIONAL COMMITTEES

- 2012 – 2014 American Balance Society, Board of Directors
- 2012 – 2013 ASHA Convention Program Committee, Vestibular/Balance Assessment and Rehabilitation
Vestibular Clinical Practice Recommendations Committee for Veteran's Affairs
- 2011 – 2014 ASHA Academic Affairs Board (AAB)
ASHA Audiology National Advisory Committee (Praxis Examination)
- 2011 – 2013 Nebraska Injury Community Planning Group
- 2010 – 2011 Learning Lab Committee, American Academy of Audiology
- 2009 – 2012 Professional Development Committee, American Academy of Audiology

UNIVERSITY, COLLEGE, DEPARTMENTAL SERVICE – UNIVERSITY OF NEBRASKA-LINCOLN

2013 – Present Center for Brain, Biology and Behavior Executive Committee, East Stadium Research Complex
Chair Advisory Committee, Department of Special Education and Communication Disorders
UNL Office of Research and Economic Development, Internal Grant Reviewer
Special Education and Communication Disorders Remediation Plan Committee

2012 – Present Athletic Performance Advisory Committee, East Stadium Research Complex
Athletics/Research Collaboration Retreat Steering Committee, East Stadium Research Complex
Special Education and Communication Disorders Search Committee
Member: Methodologist Search

2011 – Present Special Education and Communication Disorders Governance Committee
Human Concussion/Traumatic Brain Injury Interdisciplinary Research Team

2010 – Present Special Education and Communication Disorders Research Committee

2009 – Present Audiology Admissions Committee, University of Nebraska-Lincoln

2009 – Present Speech Language Pathology and Audiology Transition Committee