

Research Capstone Projects of AuD Students

Student's name	Title of the project	Faculty mentor	Presentation and publication
Sarah Fillon	A comparison of recording techniques for vestibular evoked myogenic potentials	Dr. Faith Akin	Presented at AAA, 2004
Danielle Rose	Efficacy of treatment in a VA tinnitus clinic	Dr. Marc Fagelson	Presented at the Appalachian Student Research Forum, 2004
Elizabeth Townsend	The 500-Hz MLD using 1-5 tone-burst trains in noise bursts	Dr. Richard Wilson	Presented at AAA, 2004 (Student Investigator Research Award); Published JAAA
Jocelyn Howard	Effects of rise/fall time on the vestibular evoked myogenic potentials	Dr. Faith Akin	Presented at AAA, 2005
Don Kim	Effects of masking on recognition performance of dichotic digits	Dr. Richard Wilson	Presented at AAA, 2006
Kelly Koder	Assessing benefit with FM devices in background noise: A pilot study	Dr. Colleen Noe	Presented at AAA, 2005
Suzanne McNew	Recall of hearing aid orientation information by first-time hearing aid users	Dr. Sherri Smith	Presented at AAA, 2006

Crystal Carnell	Effectiveness of speech-spectrum noise, broadband noise, and multitalker babble on word recognition: Listeners with normal hearing	Dr. Richard Wilson	Presented at ASHA 2006; Published JAAA, 2007
Melody Cunningham	The clinical evaluation of bilateral vestibular loss	Dr. Faith Akin	Presented at AAA, 2006
Laura Fleenor	Spontaneous and distortion product otoacoustic emissions and extended high-frequency hearing sensitivity	Dr. Jacek Smurzynski	Presented at AAA, 2006
Ashley Pippins Freeman	Relationship between patient recall of hearing aid orientation information and hearing aid outcomes	Dr. Sherri Smith	Presented at AAA, 2006
Jeffrey Py	Growth of brief tone loudness in tinnitus and non-tinnitus frequency regions	Dr. Marc Fagelson	Presented at the Appalachian Student Research Forum, 2007
Sarah Schumaier Campbell	Evaluation of the IOI-HA in a veteran population	Drs. Colleen Noe and Sherri Smith	Presented at AAA, 2006
Amber Trussell	Effectiveness of speech-spectrum noise, broadband noise, and multitalker babble on word recognition: Listeners with hearing loss	Dr. Richard Wilson	Presented at ASHA, 2006; Published JAAA, 2007
Samantha Wright	Hearing aid outcomes of veterans and their significant others	Dr. Sherri Smith	Presented at the Appalachian Student Research Forum, 2006

Wendy Cates	The use of the SPRINT with younger and older veterans	Dr. Richard Wilson	Presented at AAA, 2008; Published JAAA, 2008
George Panayiotou	Development of Greek word recognition materials for use in quiet and in multitalker babble	Dr. Richard Wilson	Not presented
Erin Keller	A comparison of hearing aid drying technologies	Drs. Colleen Noe and Earl Johnson	Presented at AAA, 2009
Laurie McDaniel	Changes in scores of tinnitus handicap inventory over time	Dr. Marc Fagelson	Presented at AVAA and the VIII th International Tinnitus Conference, 2009
Mary-Todd Vann	Binaural processing in listeners with SNHL	Dr. Elizabeth Leigh-Paffenroth	Presented at JDVCA, 2008
Kelly Dixon	Effectiveness of home-based vestibular rehabilitation therapy (VRT)	Dr. Faith Akin	Presented at ASHA, 2009
Tiffany Hammonds	Homogeneity of NU No. 6 words compressed 45% and 65%	Dr. Richard Wilson	Presented at AAA, 2009
Carrie Hornberger	Word-recognition performance on two types of binaural speech tasks by listeners with normal hearing and listeners with hearing loss	Dr. Richard Wilson	Presented at ASHA and AVAA, 2009
Carissa LaMore	Listening self-efficacy	Dr. Sherri Smith	Presented at the Appalachian Student Research Forum, 2008
Amber Pearson	Static SVV and off-axis SVV normative data	Dr. Faith Akin	Presented at AAA, 2009; Published JAAA, 2011

Rajarshi Pratihari	Development of the Word-in-Noise test in Bengali	Dr. Richard Wilson	Not presented
Heather Riegel	Amplitude-level functions for mixed modulated ASSR in noise	Dr. Elizabeth Leigh-Paffenroth	Presented at ICHON 2008
Sarah Draper	The role of temporal fine structure processing in “listening in the dips” of noise	Drs. Sherri Smith and Jacek Smurzynski	Presented at AAA, 2011
Emily Graham	Tinnitus counseling and sound therapy for veterans with posttraumatic stress disorder	Dr. Marc Fagelson	Presented at AAA, 2011
Rebecca Haas	The effect of tinnitus on gap detection	Dr. Jacek Smurzynski	Presented at AAA, 2011; published in Tinnitus Today, 2012
Avni Gandhi, Nicole Farmer, Emily Shelburne, Jamie Weaver	Normative data for the Words-in-Noise Test for 6- to 12-year-old children	Dr. Richard Wilson	Presented at ASHA, 2009 and AAS, 2010 (student travel award); published in JSLHR, 2010
Sarah Cappelmann	Normative data of the dynamic visual acuity (DVA) test for vestibular screening	Dr. Faith Akin	Presented at the Appalachian Student Research Forum, 2011
Cristine Trivette	Energetic and informational masking in the Words-in-Noise test: Normal-hearing subjects	Dr. Richard Wilson	Presented at AAS, 2011 and AVAA, 2011; published in JAAA, 2012
Daniel Williams	Energetic and informational masking in the Words-in-Noise test: Hearing-impaired patients	Dr. Richard Wilson	Presented at AAS, 2011 (student travel award) and AVAA, 2011

Keri Cole	Word-recognition performance in interrupted noise (5 ips) at critical interburst ratios by young listeners with normal hearing	Dr. Richard Wilson	Presented at the Appalachian Student Research Forum, 2012 and at AAA, 2012
Heather Mabrey	Normative data and test-retest reliability of the SYNAPSYS video head impulse test	Dr. Owen Murnane	Presented at the Appalachian Student Research Forum, 2012 and at AAA, 2012; published in JAAA, 2014
Nicole Payne	Auditory temporal processing of speech and non-speech contrasts in specialized listeners	Dr. Saravanan Elangovan	Presented at the Appalachian Student Research Forum, 2012 and at AAA, 2012 (Student Research Forum Awardee)
Joanna Pearson	Word-recognition performance on a speech gating paradigm by listeners with normal hearing and listeners with hearing loss	Dr. Richard Wilson	Presented at the Appalachian Student Research Forum, 2012 and at AAA, 2012
Christine Brown (Wright)	Sensitivity and specificity of SIMPLE for the determination of patient preference for prescriptions among NAL-NL2, DSL m[i/o], and CAM2	Dr. Earl Johnson	Presented at The Joint Defense/VA audiology conference, 2013
Kelley Dwyer	Hearing aid outcomes in individuals with and without vision impairment	Dr. Sherri Smith	Presented at the Appalachian Student Research Forum, 2013

Krisztina Johnson	Hearing loss in the dental office: The effects of high-speed dental drills on dentists' hearing	Drs. Saravanan Elangovan and Jacek Smurzynski	Presented at the meeting of the National Hearing Conservation Association, 2013
Keri Light	The effect of varying amounts of nonlinear frequency compression on amplified sound quality	Dr. Earl Johnson	Presented at The Joint Defense/VA audiology conference, 2013
Jennifer Trammell	Cutoff frequencies of audibility for NAL-NL2 and DSL m[i/o] prescriptive methods	Dr. Earl Johnson	Presented at The Joint Defense/VA audiology conference, 2013
Laura Williams	A Benign Paroxysmal Positional Vertigo clinic: A model for VA health care	Dr. Faith Akin	Presented at The Joint Defense/VA audiology conference, 2013
Emma Barnard	Test-retest reliability of three different rotary chair protocols	Dr. Faith Akin	Presented at ASHA, 2014 (ASHA student travel award)

Staci Irish, Hunter Mansfield	Recognition performance on complementary halves of interrupted words (10 ips, 50% duty cycle)	Dr. Richard Wilson	Presented at Aging and Speech Communication Conference (student travel award), 2013; published in Int J Audiol, 2015
Amelia Kirbo	Patient preference for generic prescription alternatives at the initial fitting	Dr. Earl Johnson	Presented at AAA 2014
Kimberly Osucha	Normative data and test-retest reliability of the Micromedical video head impulse test	Dr. Owen Murnane	Presented at AAA 2014
Stephanie Stamps	Vestibular assessment and rehabilitation: Ten-year survey trends of audiologists' opinions and practice	Dr. Faith Akin	Presented at ASHA, 2014; published in JAAA, 2015
Diana Wilson	Test-retest of the Listening Self-Efficacy Questionnaire	Dr. Sherri Smith	Presented at the Appalachian Student Research Forum, 2014
Emily Crewe	Symptoms, quality of life and clinical findings in veterans with dizziness	Dr. Kristal Riska	To be presented at the Appalachian Student Research Forum, 2016
Ashley Ellis, Emerald Lauzon	Inter- and intra-examiner reliability of the Video Head Impulse Test	Dr. Owen Murnane	Submitted to AAA, 2016
Heather Hamm	Recognition performance of interrupted monosyllabic words: The effects of ten interruption locations	Drs. Sherri Smith and Richard Wilson	Presented at AAS, 2015 (Mentored student research poster award); published in JAAA, 2015

Kelsey King	Comparison of auditory and visual verbal working memory in relation to speech in noise measures	Dr. Sherri Smith	Presented at the Appalachian Student Research Forum, 2015
Kathryn Phillippe	Survey of deaf community perspectives of cochlear implants in adults and children	Dr. Sherri Smith	Presented at the Appalachian Student Research Forum, 2015