

## **CURRICULUM VITA**

**NAME:** Hay-McCutcheon, Marcia J

### **EDUCATION**

POSTDOCTORAL: Indiana University, Department of Psychological and Brain Sciences, 2004-2005

GRADUATE: University of Tennessee, Audiology, M.A., 1997  
University of Iowa, Hearing Science, Ph.D., 2004

UNDERGRADUATE: Queen's University, Canada, Social Behaviour, B.A., 1986  
Queen's University, Canada, Bachelor of Education, 1987  
Sir James Whitney School for the Deaf, Dip. Deaf Ed., 1990

### **ACADEMIC APPOINTMENTS**

The University of Alabama, Alabama Life Research Institute, Director Rural Health and Health Disparities Theme, 2021 – present

The University of Alabama, Alabama Life Research Institute Fellow, 2019 - present

The University of Alabama, Department of Communicative Disorders, Professor, 2019 - present

The University of Alabama, Department of Communicative Disorders, Associate Professor, 2008-2019

The University of Alabama, Alabama Research Institute on Aging, Associate, 2008-present

The University of Alabama, Department of Communicative Disorders, Chair, 2012- 2015

The University of Alabama, Department of Communicative Disorders, Interim Chair, 2011-2012

The University of Alabama, Department of Communicative Disorders, Associate Chair, 2009 – 2011

The University of Alabama, Department of Psychology, Adjunct Professor, 2015 - 2019

The University of Alabama-Birmingham, Department of Surgery, Division of Otolaryngology—Head and Neck Surgery, Adjunct Associate Professor, 2009 – 2016

Indiana University School of Medicine, Department of Otolaryngology, Assistant Professor and Psi Iota Xi Scholar, 2005 – 2008

Indiana University, Department of Speech and Hearing Sciences, Adjunct Assistant Professor, 2007 – 2008

## **PROFESSIONAL APPOINTMENTS**

Indiana University School of Medicine, Audiologist, 1997-1999

York Region Board of Education, Ontario, Canada, Itinerant Teacher for Deaf and Hard of Hearing Students, 1990-1993

Durham Region Board of Education, Ontario, Canada, Primary Teacher, 1987-1989

## **LICENSURE AND CERTIFICATION**

Certificate of Clinical Competence, Audiology

Alabama Audiology License #1036a

## **PROFESSIONAL ORGANIZATIONS**

American Speech-Language-Hearing Association

American Auditory Society

Association for Research in Otolaryngology

Speech and Hearing Association of Alabama

Alabama Rural Health Association

## **HONORS AND AWARDS**

E. Roger Sayers Distinguished Service Award, The University of Alabama, Spring 2014

Faculty Advisor, Leadership Board, College of Arts and Sciences, The University of Alabama, 2011 – 2014.

Invited Conference Attendee, 5<sup>th</sup> Annual Research Conference on Communication Sciences and Disorders, Lessons for Success: Developing the Emerging Scientist, Rockville, MD, March 2007.

Psi Iota Xi Scholar, 2005 – 2008

Young Investigator Award – Poster Presentation, Conference on Implantable Auditory Prostheses, Pacific Grove, CA, 2005

University of Iowa Presidential Fellow, 2000-2004

University of Tennessee-Knoxville, Distinguished Academic Award, 1997

## **TEACHING ASSIGNMENTS**

### **Courses**

CD 515 Professional Issues, The University of Alabama, Department of Communicative Disorders, Summer 2016 - 2018

CD351 Hearing Science, The University of Alabama, Department of Communicative Disorders, Spring 2010 - present

CD501 Introduction to Research Methods, The University of Alabama, Department of Communicative Disorders, Team taught, Summer 2009

CD275 Anatomy and Physiology of the Speech and Hearing Mechanism, The University of Alabama, Department of Communicative Disorders, Spring 2009

CD443\_543 Basic Audiology, The University of Alabama, Department of Communicative Disorders, Fall 2008 - present

S515 Implantable Auditory Prostheses, Indiana University, Department of Speech and Hearing Sciences, Spring 2007

### **Post Doctoral Fellows**

NIH sponsored post-doctoral fellow, Nathaniel Peterson (NIDCD T32 DC00012, Director: David B. Pisoni, Ph.D.), 2007-2008

### **Student Projects**

NSF Summer Research Experience for Undergraduates (REU) Program, student mentees: Khalil Johnson, Niyia Sims, Joseph White  
Summer 2019

Project Title: Noise Quantification and Compensation in Mobile Environments for Hearing Assessment

Emerging Scholars Program, student mentee Caroline Yuk  
September 2018 – May 2019

Student Project: High Frequency Hearing Loss and Type 2 Diabetes

Honors College project, student mentee Parker Hawkins  
Fall 2018

Student Project: Marketing the Hear Here Alabama Initiative

Thesis Committee Member, Jennifer Barnes, Department of Communicative Disorders,  
April 2018 – January 2019

Student Project: Discrepancy between Defining and Intervening with Premature Feeding and Swallowing in the NICU: A Survey

Thesis Committee Member, Maddie Smith, Department of Communicative Disorders,  
September 2017 to March 2018

Student Project: Exploration of Gender Influences in Restricted and Repetitive Behaviors in Children with Autism Spectrum Disorder

Thesis Committee Member, Lacey Dent, Department of Communicative Disorders, May 2017 to March 2018

Student Project: Relationship of Articulation and Feeding Skills in Children: A Pilot Study

Thesis committee chair, Amber Shoffner, Department of Communicative Disorders,  
October 2015 to May 2017

Student Project: An Analysis of Anxiety in Parents After Failure of Universal Newborn Hearing Screening

Thesis committee member, Katerina Puzinaukas, Department of Communicative Disorders, January 2016 to May 2017

Student Project: The Effect of Representational, Beat, and Cohesive Gestures on Speech Disfluency in the First 2012 Presidential Debate

Doctoral dissertation committee member, Adriana Hyams, Department of Psychology, September 2012 to August 2015

Student Project: Hearing Aids and Quality of Life Among Older Adults

Thesis committee member, Hylan Noble, Department of Communicative Disorders, September 2014 to December 2015

Student Project: A Comparison of Project ImPACT and Community Based Intervention on Developmental Skills of Young Children with an Autism Spectrum Disorder

Thesis committee member, Nure Kassas, Department of Communicative Disorders, September 2013 to July 2014

Student Project: Real-time Change in Prosodic Aspects of Text Generated Speech

The University of Alabama's Emerging Scholar Program, Caitlyn Hearn (Advisee), February 2011 – May 2012

Student Project: Vowel Formant Frequency Discrimination Skills in Aging Cochlear Implant Recipients

NIH Sponsored Graduate Research Assistant (NIDCD R03DC008383), July 2009 – June 2010

Student Project: Dialect Discrimination with Combined Electric Acoustic Hearing

NIH sponsored Summer Medical Student Traineeship Program (NIDCD T32 DC00012, Director: David B. Pisoni, Ph.D.), May- July 2007

Student Project: "Speech Perception and Phonological Memory with Combined Electric Acoustic Hearing."

NIH sponsored Summer Medical Student Traineeship Program (NIDCD T32 DC00012, Director: David B. Pisoni, Ph.D.), May-July 2005

Student Project: "The detection of auditory-visual asynchrony in normal hearing adults."

## **RESEARCH**

### **Grants**

#### Awarded

Principal Investigator: National Institutes of Health (R21/R33 DC019073 \$2,178,963 Total Costs, \$1,467,306 Direct Costs), Project Title: Improving Access and Affordability of Adult Hearing Healthcare: Effectiveness of Community-based Interventions in West Central and South Alabama, 2021-2025.

#### Awarded - Completed

Principal Investigator: United States Department of Agriculture (Total Costs \$40,000), Project Title: Hear Here Alabama, 2015 – 2016

Principal Investigator: Research Grants Committee (Total Costs \$100,000), The University of Alabama

Project Title: Hear Here Alabama, 2015 - 2016

Principal Investigator: College Academy of Research, Scholarship and Creative Activity (Total Costs \$4890), Project Title: Hear Here Alabama, 2014 – 2015

Principal Investigator: National Institutes of Health (R03 DC008383 \$222,883 Total Costs, \$150,000 Direct Costs), Project Title: Speech Perception and Phonological Memory with Combined Electric Acoustic Hearing, 2006-2010.

Co-Investigator: Signature Center Grant (The Center for Advanced Studies in Hearing, Perception, and Language), Indiana University School of Medicine, 2007-2008, \$150,000 Direct Costs.

Co-Investigator: National Institutes of Health (R01 DC000064 \$1,699,202 Total Costs, \$1,170,312 Direct Costs), Project Title: Speech Perception and Spoken Word Recognition by Children with Cochlear Implants, 2006-2008.

Principal Investigator: National Institutes of Health Pre Doctoral Ruth L. Kirschstein National Research Service Award (F31 DC006532, \$29,563 Direct and Total Costs), Project Title: Neural Adaptation and Temporal Integration, 2003-2004.

### **Publications – Peer Reviewed**

**Hay-McCutcheon, M. J.,** Yuk, M. C., Yang, X. (2020). Accessibility to Hearing Healthcare in Rural and Urban Populations of Alabama: Perspectives and A Preliminary Roadmap for Addressing Inequalities. Journal of Community Health, ePub ahead of print.

**Hay-McCutcheon, M. J.,** Threadgill, M., Yang, X., Phillips, F. (2020). Access to hearing healthcare, geographical residency, and quality of life in adults with and without hearing loss. Journal of the American Academy of Audiology, 31(7), 485-495.

**Hay-McCutcheon, M. J.,** Reed, P. & Cheimariou, S. (2018). Positive social interaction and hearing loss in older adults living in rural and urban communities. Journal of Speech, Language, and Hearing Research, 61(8), 2138 - 2145.

Hyams, A. V., **Hay-McCutcheon, M.,** Scogin, F. (2018). Hearing and quality of life in older adults. Journal of Clinical Psychology, 74, 1874 - 1883.

**Hay-McCutcheon, M. J.,** Hyams, A., Yang, X., & Parton, J. (2018). Hearing loss and social support in urban and rural communities. International Journal of Audiology, 57(8), 610 - 617.

**Hay-McCutcheon, M. J.,** Peterson, N. R., Pisoni, D. B., Kirk, K. I., Yang, X., & Parton, J. (2018). Performance variability on perceptual discrimination tasks in profoundly deaf adults with cochlear implants. Journal of Communication Disorders, 72, 122 - 135.

**Hay-McCutcheon, M. J.**, Hyams, A., Yang, X., Parton, J., Panasiuk, B., Ondocsin, S., James, M. M., & Scogin, F. (2017). An exploration of the associations among hearing Loss, physical health and visual memory in adults from West Central Alabama. Journal of Speech, Language, and Hearing Research, *60* (8), 2346 - 2359.

**Hay-McCutcheon, M. J.**, Peterson, N. R., Rosado, C. A., & Pisoni, D. B. (2014). Identification of acoustically similar and dissimilar vowels in profoundly deaf adults who use cochlear implants: Some Preliminary Findings. American Journal of Audiology, *23* (1), 57 - 70.

Holt, R. F., Kirk, K. I., & **Hay-McCutcheon, M. J.** (2011). Assessing multimodal spoken word-in-sentence recognition in children with normal hearing and children with cochlear implants. Journal of Speech, Language, and Hearing Research, *54* (2), 632-657.

Harris, M. S., & **Hay-McCutcheon, M. J.** (2010). An analysis of hearing aid fittings in adults using cochlear implants and contralateral hearing aids. Laryngoscope, *120* (12), 2484-2488.

**Hay-McCutcheon, M. J.**, Pisoni, D. B., & Hunt, K. K. (2009). Audiovisual asynchrony detection and speech perception in hearing-impaired listeners with cochlear implants: A preliminary analysis. International Journal of Audiology, *48* (6), 321-333.

**Hay-McCutcheon, M. J.**, Kirk, K. I., Henning, S. C., Gao, S., & Qi, R. (2008). Using early language outcomes to predict later language ability in children with cochlear implants. Audiology and Neurotology, *13*, 370-378.

Miyamoto, R. T., **Hay-McCutcheon, M. J.**, Kirk, K. I., Houston, D. M., & Bergeson-Dana, T. (2008). Language skills of profoundly deaf children who received cochlear implants under 12-months of age: A preliminary study. Acta Otolaryngologica, *128* (4), 373-377.

Kirk, K. I., **Hay-McCutcheon, M. J.**, Holt, R. F., Gao, S., Qi, R., & Gehrlein, B. L. (2007). Audiovisual spoken word recognition by children with cochlear implants. Audiological Medicine, *5* (4), 250-261.

**Hay-McCutcheon, M. J.**, Brown, C. J., & Abbas, P. J. (2005). An analysis of the impact of auditory nerve adaptation on behavioral measures of temporal integration in cochlear implant recipients. Journal of the Acoustical Society of America, *118* (4), 2444-2457.

**Hay-McCutcheon, M. J.**, Pisoni, D. B., & Kirk, K. I. (2005). Audiovisual speech perception in elderly cochlear implant recipients. Laryngoscope, *115*, 1887-1894.

Miller, C. A., Abbas, P. J., **Hay-McCutcheon, M. J.**, Robinson, B. K., Nourski, K.V., & Jeng, F-C. (2004). Comparison of intracochlear and extracochlear ECAPs indicates antidromic action potentials. Hearing Research, *198*, 75-86.

**Hay-McCutcheon, M.**, Brown, C.J., Schmidt Clay, K., & Seyle, K. (2002). Comparison of electrically evoked whole-nerve action potential and electrically evoked auditory brainstem response thresholds in Nucleus CI24R cochlear implant recipients. Journal of the American Academy of Audiology, *13* (8) 416-427.

Vitevitch, M.S., Pisoni, D.B., Kirk, K.I., **Hay-McCutcheon, M.**, & Yount, S. (2002). Effects of phonotactic probabilities in the processing of spoken words and nonwords by postlingually deafened adults with cochlear implants. Volta Review, *102* (4), 283-302.

Chin, S.B., Meyer, T.A., **Hay-McCutcheon, M.**, Wright, G.A., & Pisoni, D.B. (2000). The structure of mental lexicons of children who use cochlear implants: Preliminary findings. Annals of Otology, Rhinology, & Laryngology, *185* (Suppl.), 114-116.

Kirk, K.I., **Hay-McCutcheon, M.**, Sehgal, S.T., & Miyamoto, R.T. (2000). Speech perception in children with cochlear implants: Effects of lexical difficulty, talker variability and word length. Annals of Otology, Rhinology, & Laryngology, *185* (Suppl.), 79-81.

Kirk, K.I., Sehgal, S.T., **Hay-McCutcheon, M.** (2000). A comparison of children's familiarity with tokens on the PB-K, LNT and MLNT. Annals of Otology, Rhinology, & Laryngology, *185* (Suppl.), 63-64.

Kirk, K.I., Eisenberg, L.S., Martinez, A.S., & **Hay-McCutcheon, M.** (1999). The lexical neighborhood test: Test-retest reliability and inter-list equivalency. Journal of the American Academy of Audiology, *10* (3), 113-123.

### **Publications – Professional Service**

**Hay-McCutcheon, M.** (2018). Hear Here Alabama: A mobile audiology clinic brings services to parts of Alabama with limited access. Volta Voices, *25* (4), 43.

Miyamoto, R. T., & **Hay-McCutcheon, M. J.** (2017). Approach to the patient with hearing loss, in J. Biller (Ed.), Practical Neurology, Fifth Edition. Lippincott Williams and Wilkins, Philadelphia, PA.

**Hay-McCutcheon, M.** (2013). Review of Cochlear Implant Patient Assessment: Evaluation of Candidacy, Performance, and Outcomes by Gifford, R. (Ed). International Journal of Audiology, *52* (10), 719.

Miyamoto, R. T., & **Hay-McCutcheon, M. J.** (2012). Approach to the patient with hearing loss, in J. Biller (Ed.), Practical Neurology, Fourth Edition. Lippincott Williams and Wilkins, Philadelphia, PA.

**Hay-McCutcheon, M.J.** (2010). Our emerging interest in the interaction of hearing, aging, and cognition for speech perception. Perspectives on Hearing and Hearing Disorders: Research and Diagnosis, *14* (2), 39-45.

Houston, D. M., **Hay-McCutcheon, M.**, Bergeson, T. R., & Miyamoto, R. T. (2010). Cochlear Implants: Technology in E. B. Goldstein (Ed.), Encyclopedia of Perception. SAGE Publications, Thousand Oaks, CA.

Miyamoto, R. T., & **Hay-McCutcheon, M. J.** (2009). Approach to the patient with hearing loss, in J. Biller (Ed.), Practical Neurology, Third Edition. Lippincott Williams and Wilkins, Philadelphia, PA.

## **PROFESSIONAL ACTIVITIES**

### **Invited Guest Lectures**

“Addressing Hearing Healthcare Disparities in West Central and South Alabama,” presented at the Winternitz Lecture Series in the College of Community Health Sciences at the University of Alabama, November 3, 2020.

“Hearing Loss and Language Development,” presented at the University of Alabama, Department of Communicative Disorders, October 22, 2019

“Hearing Loss and Band Camp,” presented at the University of Alabama, School of Music, August 12, 2019

“Aspects of Hearing Loss for Musicians,” presented at the University of Alabama, School of Music, November 30, 2018, February 21, 2020.

“Can Living, and Aging, with Hearing Loss Occur Gracefully?” Presented at the Sertoma Club of Lexington, South Carolina, May 3, 2016.

“Hearing Loss, Physical Health and Cognition in West Central Alabama,” presented at the UA Rural Health Conference, April 28, 2016.

“Hear Here Alabama: A Rural Hearing Health Care Initiative,” presented at the Rotary Club of Tuscaloosa, February 11, 2016.

“Preliminary Findings of the Hear Here Alabama Project,” presented at the Winternitz Lecture Series in the College of Community Health Sciences at the University of Alabama, November 4, 2014.

“Aging Gracefully with Hearing Loss,” presented at the Osher Lifelong Learning Institute workshop series, October 28, 2013

“Hearing Aid Considerations,” presented at the University of Alabama-Birmingham Medical Resident Lecture Series, July 5, 2011

“Cochlear Implants: Patient Selection, Surgical Considerations, and Outcomes,” presented at the University of Alabama-Birmingham Medical Resident Lecture Series, May 2, 2011, March 2013

“Applying for an NIH Mentored Patient-Oriented Research Career Development Award (K23),” presented for the Junior Investigators Program, The University of Alabama, October 27, 2010

“Anatomy of the Ear and Hearing Screening,” two lectures presented for CD 377, Department of Communicative Disorders, The University of Alabama, October and March of each year.



“Hearing and Aging,” presented in PY491: Seminar in Aging and Health, Department of Psychology, The University of Alabama, September 1, 2010

“Audiology Basics: Pure Tone Audiometry, Speech Testing, Tympanometry and Reflexes,” presented at the University of Alabama-Birmingham Medical Resident Lecture Series, March 2010, March 2012

“Objective Tests: Otoacoustic emissions, Electrocochleography, Auditory Brainstem Response, Auditory Steady State Response,” presented at the University of Alabama-Birmingham Medical Resident Lecture Series, April 2010, April 2012

“Vowel Perception and Immediate Phonological Memory in Profoundly Deaf Adults who use Cochlear Implants,” presented for the Center for Mental Health and Aging Seminar Series, The University of Alabama, March 9, 2009.

“The NIH R03 Application,” presented for the Junior Investigators Program, The University of Alabama, October 30, 2008, October 21, 2009

“Introduction to Cochlear Implants,” presented in the School of Extended Education, Ball State University Indianapolis Campus, Summer 2007

“How cochlear implants work,” presented in the Department of Otolaryngology—Head and Neck Surgery to summer medical students, Indiana University School of Medicine, Summer 2007

“Clinical Considerations for cochlear implantation,” presented in the Department of Otolaryngology—Head and Neck Surgery to summer medical students, Indiana University School of Medicine, Summer 2007

“Life as a Student,” presented in the Department of Speech Pathology and Audiology, University of Iowa, Spring 2007

“Electrically Evoked Auditory Potentials: Clinical Issues,” presented in the Department of Speech and Hearing Sciences, Indiana University, Spring 2006 and in the Department of Speech, Language, and Hearing Sciences, Purdue University, Fall 2006, 2007, 2008

“Electrically Evoked Auditory Potentials (ECAP and EABR),” presented in the Department of Speech, Language and Hearing Sciences, Purdue University and the Department of Speech and Hearing Sciences, Indiana University, Spring 2005

### **Conference Presentations**

**Hay-McCutcheon, M. J.**, Albea, C., Lake, G. A., Forsythe, E., O’Connell, M. K., Crawford, A., Clary, M., Yuk, M. C., Blount, H. (2020, March). [A Hearing Health Care Needs Assessment in Rural Alabama](#). Poster presentation at the American Auditory Society Meeting, Scottsdale, AZ.

Yuk, C. M., **Hay-McCutcheon, M.**, Yang, X. (2019, April). The Effects of Type 2 Diabetes on High Frequency Hearing Loss. Student poster presentation at the A&S Summit for Undergraduate Research, Scholarship, and Creative Activity (URSCA), Tuscaloosa, AL

Yuk, C. M., **Hay-McCutcheon, M.**, Yang, X. (2019, March). The Effects of Type 2 Diabetes on High Frequency Hearing Loss. Student poster presentation at the Undergraduate Research and Creative Activity Conference (URCA), Tuscaloosa, AL.

**Hay-McCutcheon, M. J.**, Threadgill, M., Yang, X., Phillips, F. (2019, March). Accessibility to Hearing Health Care and Quality of Life. Poster presentation at the American Auditory Society Meeting, Scottsdale, AZ.

Dworak, J., Rodriguez, J., **Hay-McCutcheon, M.** (2018, March). Quality of Life and Hearing Loss: A Preliminary Examination of Geographical Residency and Access to Hearing Healthcare. Student poster presentation at the Undergraduate Research and Creative Activity Conference, Tuscaloosa, AL.

**Hay-McCutcheon, M. J.**, Hyams, A., Yang, X., Parton, J. (2018, February). Hearing Loss and Social Support in Rural and Urban Alabama. Poster presentation at the Association for Research in Otolaryngology 41<sup>st</sup> Mid-Winter Meeting, San Diego, CA.

**Hay-McCutcheon, M. J.**, Hyams, A., Panasiuk, B., Ondocsin, S. (2016, March). Hearing Loss, Physical Health and Cognition in Rural Alabama. Poster presentation at the American Auditory Society Meeting, Scottsdale, AZ.

Hyams, A. V., Margolius, V., Scogin, F., **Hay-McCutcheon, M.** (2015, November). Hearing Loss is Uniquely Associated with Social Functioning among Older Adults. Poster presentation at the Gerontological Society of America's 68<sup>th</sup> Annual Scientific Meeting, Orlando, FL.

**Hay-McCutcheon, M. J.**, Hyams, A., Banasiuk, B., Ondocsin, S., Palmer, K., James, M. M. Scogin, F. (2014, February). Preliminary Findings of the Hear Here Alabama Project in West Central Alabama. Poster presentation at the Association for Research in Otolaryngology 38<sup>th</sup> Annual Mid-Winter Meeting, Baltimore, MD.

Hyams, A. V., Scogin, F., Childers, R., **Hay-McCutcheon, M.** (2014, November). Greater Hearing Impairment Predicts Worse Mental Health Among Older Adults. Poster presentation at The Gerontological Society of America's 67<sup>th</sup> Annual Scientific Meeting, Washington, DC.

Ondocsin, S., Hyams, A., Panasiuk, B., Burkhalter, C., Childers, R., **Hay-McCutcheon, M.** (2014, November). Lessons Learned From a Rural-Urban Hearing Healthcare Study in West-Central Alabama. Poster presentation at the ASHA Annual Convention, Orlando, Florida.

Panasiuk, B., Hyams, A., Ondocsin, S., West, K., Palmer, K., James, M. M., **Hay-McCutcheon, M.** (2014, November). Preliminary Findings of the Hear Here Alabama Project in West

Central Alabama. Meritorious poster presentation at the ASHA Annual Convention, Orlando, Florida.

**Hay-McCutcheon, M. J.**, Peterson, N., Pisoni, D. B., Bateman, S. (2010, July). A Preliminary Analysis of American Dialect Discrimination in Younger and Older Cochlear Implant Recipients. Oral presentation at the 11<sup>th</sup> International Conference on Cochlear Implants and other Implantable Auditory Prostheses, Stockholm, Sweden.

**Hay-McCutcheon, M. J.** (2008, June). Children who receive cochlear implants under 12 months of age: Benefits for language development. Oral presentation at the 105<sup>th</sup> Psi Iota Xi National Convention, Evansville, Indiana.

Holt, R.F., Kirk, K.I., **Hay-McCutcheon, M.J.**, Howell, S. (2008, June). Audiovisual integration of speech by children with cochlear implants. Oral presentation at the Newborn Hearing Screening 2008 conference, Lake Como, Italy.

**Hay-McCutcheon, M. J.**, Kirk, K. I., Henning, S. C., Gehrlein, B. L. (2008, April). The effects of competing noise on the speech understanding abilities of children implanted below 3 years of age. Oral presentation at the 10<sup>th</sup> International Conference on Cochlear Implants and other Implantable Auditory Technologies, San Diego, CA.

Kirk, K. I., **Hay-McCutcheon, M. J.**, Henning, S. C., Gehrlein. (2008, April). Audiovisual spoken word recognition by children with cochlear implants. Oral presentation at the 10<sup>th</sup> International Conference on Cochlear Implants and other Implantable Auditory Technologies, San Diego, CA.

Peterson, N. R., **Hay-McCutcheon, M. J.**, Kirk, K. I., Rosado, C. A. (2008, April). Contribution of hearing aids to speech understanding in cochlear implant users. Poster presentation at the 10<sup>th</sup> International Conference on Cochlear Implants and other Implantable Auditory Technologies, San Diego, CA.

Gehrlein, B. L., Henning, S. C., **Hay-McCutcheon, M. J.**, Kirk, K. I. (2008, April). The relationship between language and adaptive behaviors of children with prelingual deafness who are cochlear implant recipients. Poster presentation at the 10<sup>th</sup> International Conference on Cochlear Implants and other Implantable Auditory Technologies, San Diego, CA.

**Hay-McCutcheon, M. J.**, Rosado, C. A. Peterson, N. R. (2008, March). Acoustic and electric cues for speech understanding and phonological memory. Oral presentation at the American Auditory Society Annual Meeting, Scottsdale, AZ.

Miyamoto, R. T., **Hay-McCutcheon, M. J.**, Kirk, K. I., Houston, D. M., Bergeson-Dana, T. R. (2007, August). Speech and language skills of profoundly deaf children implanted under 12 months of age: Preliminary results. Oral presentation at the Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum, Seoul, South Korea.

**Hay-McCutcheon, M. J.** (2007, June). Pediatric cochlear implant recipients at the Indiana University School of Medicine: An update. Oral presentation at the 104<sup>th</sup> Psi Iota Xi National Convention, Fort Wayne, Indiana.

**Hay-McCutcheon, M.J.,** Kirk, K.I., Henning, S.C., Gehrlein, B.L., & Miyamoto, R.T. (2007, April). Cochlear implantation during the first, second, or third year of life: Implications for spoken word recognition and language skills at six years of age. Oral presentation at the 11<sup>th</sup> International Conference on Cochlear Implants in Children, Charlotte, North Carolina.

Kirk, K.I., **Hay-McCutcheon, M.J.,** Henning, S.C., Gehrlein, B.L., & Miyamoto, R.T. (2007, April). Cochlear implant outcomes in young children with multiple disabilities. Oral presentation at the 11<sup>th</sup> International Conference on Cochlear Implants in Children, Charlotte, North Carolina.

**Hay-McCutcheon, M.J.,** Pisoni, D.B., Kirk, K.I., & Miyamoto, R.T. (2006, June). Language skills of school-aged children with cochlear implants. Oral presentation at the 9<sup>th</sup> International Conference on Cochlear Implants and Related Sciences, Vienna, Austria.

**Hay-McCutcheon, M. J.,** & Pisoni, D. B. (2005, August). Audiovisual asynchrony perception in adult cochlear implant recipients: Some preliminary findings. Poster session presented at the Conference on Implantable Auditory Prostheses, Pacific Grove, CA.

**Hay-McCutcheon, M. J.,** Pisoni, D. B., & Kirk, K. I. (2005, February). Speech recognition skills in the elderly cochlear implant population: A preliminary examination. Poster session presented at the Association for Research in Otolaryngology (ARO) MidWinter Meeting, New Orleans, LA.

Horn, D. L., **Hay-McCutcheon, M. J.,** & Pisoni, D. B. (2005, March). A longitudinal study of spoken digit recall in deaf children with cochlear implants. Poster session presented at the 10<sup>th</sup> Symposium on Cochlear Implants in Children, Dallas, TX.

**Hay-McCutcheon, M. J.,** Brown, C. J., & Abbas, P. J. (2004, May). Peripheral neural adaptation and temporal integration in cochlear implant recipients. Poster session presented at the VIII International Cochlear Implant Conference, Indianapolis, IN.

**Hay-McCutcheon, M. J.,** Brown, C. J., Schmidt-Clay, K., & Seyle, K. (2002, January). A comparison of EAP and EABR thresholds in Nucleus CI24R cochlear implant recipients. Poster session presented at the Association for Research in Otolaryngology (ARO) MidWinter Meeting, St. Petersburg, FL.

Kirk, K.I., Kaiser, A.R., **Hay-McCutcheon, M.,** & Yount, S. (1999, November). Audiovisual speech recognition by adults with cochlear implants: Lexical and talker effects. Presentation at the American Speech-Language-Hearing Association annual meeting, San Francisco, CA.

**Hay-McCutcheon, M.,** Kirk, K.I., Sehgal, S.T., & Miyamoto, R.T. (1998, June). Spoken word recognition by children with cochlear implants: Effects of lexical difficulty, talker

variability and word length. Poster session presented at the Seventh Symposium on Cochlear Implants in Children, Iowa City, IA.

Chin, S.B., Meyer, T.A., **Hay-McCutcheon, M.**, Wright, G.A., & Pisoni, D.B. (1998, June). Understanding the structure of mental lexicons of children who use cochlear implants. Poster session presented at the Seventh Symposium on Cochlear Implants in Children, Iowa City, IA.

Sehgal, S.T., Kirk, K.I., **Hay-McCutcheon, M.**, & Miyamoto, R.T. (1998, June). A comparison of children's familiarity with tokens on the PB-K, LNT and MLNT. Poster session presented at the Seventh Symposium on Cochlear Implants in Children, Iowa City, IA.

### **PROFESSIONAL SERVICE**

ASHA Conference Topics Selection Committee – Hearing, Tinnitus, and Vestibular Science, Spring 2020

Scientific Review: Ad Hoc NIDCD study section grant review panel (R01), November 2019

Scientific Review: Ad Hoc National Science Foundation (NSF) grant reviewer, September 2018

Scientific Review: Ad Hoc American Speech Language Hearing Association (ASHA) student foundation awards, 2018

President, Alexander Graham Bell Association Alabama Chapter, 2018 - 2020

Scientific Review: Ad Hoc NIDCD study section grant review panel (R01), June 2017

Manuscript Reviewer, Journal of Communication Disorders, 2016 - present

Scientific Review: Ad Hoc NIDCD study section grant review panel (R15), November 2014

Grant Reviewer, Ohio University, Baker Funds, 2014

Manuscript Reviewer, Journal of the Acoustical Society of America, 2012 - 2013

Manuscript Reviewer, Otology and Neurotology, 2012 - present

Manuscript Reviewer, PLoS One, 2012 - 2013

Scientific Review: Ad Hoc NIDCD study section grant review panel (F31 Training Grant), November 2011

Manuscript Reviewer, Journal of Speech Language Hearing Research, 2011-present

Manuscript Reviewer, Ear & Hearing Journal, 2006-present

Manuscript Reviewer, International Journal of Pediatric Otorhinolaryngology, 2006- 2014

Manuscript Reviewer, American Journal of Audiology, 2007 – present

Manuscript Reviewer, Journal of the American Academy of Audiology, 2009 - present

Abstract Reviewer, ASHA Adult Aural Habilitation Program Committee, 2009

Abstract Reviewer, ASHA Pediatric Aural Rehabilitation and Central Auditory Processing Disorders Committee, 2009

### **UNIVERSITY SERVICE**

College of Arts and Sciences, Faculty Advisory Committee, 2019 – present

Member of the College of Arts and Sciences Dean Search Committee, Spring 2019

Member of the Merger/Discontinuation of Academic Units Committee January 2019 – December 2021

Member of the Honor's College Review committee, July – October 2018

Alabama Research Institute on Aging, Executive Board, the University of Alabama, 2016 - present

College Graduate Committee Member, College of Arts and Sciences, the University of Alabama, 2015 - 2018

Graduate Council Alternate Member, College of Arts and Sciences, the University of Alabama, 2015 - 2018

Planning and Advisory Committee, Successful Aging Across the Lifespan Conference, 2013 – 2014

Research Grants Committee Chair Area B, 2013 - 2016

Research Grants Committee Member, 2012 – 2015

Faculty Representative, College of Arts and Sciences Leadership Board, 2011 - 2014

Chair, Writing Committee, College of Arts and Sciences, The University of Alabama, Spring 2012

Faculty Advisor, Pi Beta Phi, 2011 - 2015

Invited Speaker, Osher Lifelong Learning: Living with Hearing Loss, February 3, 2010

Senior Investigator in the Junior Investigator's Program – January 2010

Invited Speaker, Office of e-tech, Tegrity workshop; August 17, 2009, December 17, 2009

External Reviewer, Thesis Committee, "Engineering Analysis of Head-Thrust," by R. David Wilson, The University of Alabama, Department of Engineering, March 23, 2009

Faculty Mentor, Parker-Adams and Harris Living-Learning Communities, The University of Alabama, Fall 2008 – 2013

Consultant, Office of Disability Services, The University of Alabama, 2009 –

Coordinator, DeVault Otologic Research Laboratory, Indiana University School of Medicine, 2005-2008

Speaker, Psi Iota Xi chapter presentation of the DeVault Otologic Research Laboratory, September 28, 2005

Speaker, IUPUI MD/PhD Information Day for Purdue Summer Research Students, June 30, 2006

Speaker, Riley Hospital Visitation Day, October 14, 2006

**DEPARTMENTAL SERVICE**

Faculty Advisory Board, National Student Speech Language Hearing Association (NSSLHA), 2019 - present

Faculty Mentoring, Writing Group, 2009 – 2011, 2015 - present

Chair, Tenure and Promotion Committee, 2015 – present

Member, Tenure and Promotion Committee, 2010 - 2015

Committee Member, Curriculum Committee, 2015 – present

Chair, Curriculum Committee, 2010 – 2015

Communications Liaison, 2017 - 2018

Committee Member, Search Committee, Bilingual position, 2017 - 2018

Chair, Search Committee, Phonology position, 2016 – 2017

Chair, Search Committee, Clinic Director, 2016

Chair, Search Committee, Phonology position, 2014 – 2015

Chair, Search Committee, Voice Disorders position, 2012 - 2013

Chair, Search Committee, Neurogenics position, 2010-2011

Assessment Coordinator, Fall 2010 – Spring 2017

Grant application writer, The University of Alabama, College of Arts and Sciences iPad initiative, November 2010, (two iPads funded for faculty)

Member, Tenure and Promotion Committee, 2010 - 2015

Chair, Graduate Admissions Committee, 2010 - 2019

Chair, Curriculum Committee, 2010 – 2015

Member, Summer Symposium Committee, 2009, 2016 -

Student Advising, Department of Communicative Disorders, The University of Alabama, Fall 2009 –

Chair, Tenure and Promotion Document Committee, 2009

Member, Ethics/Textbook Committee, Fall 2008 –

Guest Speaker, Adult Rehabilitation Group, Fall 2008, Spring 2011