

Ann Perreau

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EDUCATION

Doctor of Philosophy in Speech and Hearing Science, University of Iowa, awarded May, 2011

- Dissertation: “The contribution of a frequency-compression hearing aid to contralateral cochlear implant use”, Advisors: Ruth Bentler & Richard Tyler

Master of Arts in Audiology, University of Iowa, awarded May, 2004

- Thesis Project: “High-frequency tympanometry in newborns”, Advisor: Lenore Holte

Bachelor of Arts in Speech and Hearing Science, University of Iowa, awarded May, 2002

- Graduated with Honors and Distinction

ACCREDITATIONS

2011-Present Illinois Licensure, Audiology

2005-Present CCC, Audiology, American Speech-Language-Hearing Association

2005-2013 Iowa Licensure, Audiology & Hearing Aid Dispenser

PROFESSIONAL EXPERIENCE

8/2017-Present Department of Communication Sciences and Disorders, Augustana College

Associate Professor

- Teaching and mentoring undergraduate students in hearing science, audiology, neuroscience
- Supervising senior research projects in Communication Sciences and Disorders
- Research on tinnitus management and subjective outcomes for patients with hearing loss

8/2011-2017 Department of Communication Sciences and Disorders, Augustana College

Assistant Professor

- Teaching and mentoring undergraduate students in hearing science, audiology, aural rehabilitation, and neuroscience
- Establishing, managing, and supervising students in audiology clinic providing diagnostic and treatment services to children and adults
- Research on amplification, sound localization, and subjective outcomes following hearing loss

5/2005-6/2011 Department of Otolaryngology, University of Iowa Hospitals and Clinics

Research Audiologist, Adult Cochlear Implant Program

- Evaluation and counseling, fitting, and follow-up with adult cochlear implant recipients
- Data collection with adult monaural and bilateral cochlear implant users
- Implement protocol for the Clinical Study of the Nucleus® Hybrid™ Cochlear Implant

5/2004-5/2005 Department of Otolaryngology, University of Iowa Hospitals and Clinics
Clinical Fellowship Year

- Comprehensive audiological assessment of children and adults
- Hearing aid evaluations, fitting, and follow-up consultations with children and adults

9/2003-12/2003 Department of Communication Sciences and Disorders, University of Iowa
Research Assistant: The Stuttering Research Lab directed by Patricia Zebrowski

PUBLICATIONS

Perreau, A., Tyler, R., Mancini, P. (in press). Programming a cochlear implant for tinnitus suppression. *Journal of the American Academy of Audiology*.

Tyler, R., **Perreau, A.**, Powers, T., Watts, A., Owen, R., Ji, H., & Mancini, P. (in press). Tinnitus sound therapy trial shows effectiveness for those with tinnitus. *Journal of the American Academy of Audiology*.

Tyler, R., **Perreau, A.**, Mohr, A-M., Ji, H., & Mancini, P. (in press). An exploratory step toward measuring the "Meaning of Life" in patients with tinnitus and in cochlear implant users. *Journal of the American Academy of Audiology*.

Tyler, R., & **Perreau, A.** (2019). Managing patient-and audiologist-expectations for tinnitus treatment. *The Hearing Journal*, 72(9), 16-19.

Perreau, A.E., Tyler, R.S., Mancini, P.C., Witt, S., & Elgandy, M.S. (2019). Establishing a group educational session for hyperacusis patients. *American Journal of Audiology*.

Mancini, P., Tyler, R., Smith, S., Ji, H., **Perreau, A.**, Mohr, A.M (2019). Tinnitus: how partners can help? *American Journal of Audiology*, 28(1): 85-94.

Mancini, P., Tyler, R., Ji, H., **Perreau, A.**, & Batterton, L. (2018). Considerations for partners of our tinnitus patients. *International Tinnitus Journal*, 22(2), 113-122.

Perreau, A., Tyler, R., Watts, A. (2018). Tinnitus relief using high-frequency sound via the Hypersound audio system. *International Tinnitus Journal*, 22(2), 133-142.

Tyler, R., Owen, R., Bridges, J., Gander, P., Mancini, P.C., & **Perreau, A.** (2018). Tinnitus Suppression in Cochlear Implant Patients Using a Sound Therapy App. *American Journal of Audiology*, 27, 316-323.

Ou, H., **Perreau, A.**, Tyler, R. (2017). Development of a shortened version of the Spatial Hearing Questionnaire (SHQ-S) for screening spatial-hearing ability. *American Journal of Audiology*, 26, 293-300.

Perreau, A., Wu, H., Tatge, B., Irwin, D., & Corts, D. (2017). Listening effort measured in adults with normal hearing and cochlear implants. *Journal of the American Academy of Audiology*, 28(8), 685-697.

- Ou, H., Wen, B., **Perreau, A.**, Kim, E., & Tyler, R. (2016). Validation of the Chinese translation of the Spatial Hearing Questionnaire and its short form. *American Journal of Audiology*, *25*, 25-33.
- Perreau, A.**, Ou, H., Tyler, R., & Dunn, C. (2014). Self-reported spatial hearing abilities across different cochlear implant profiles. *American Journal of Audiology*, *23*(4), 359-448.
- Tyler, R., Ji, H., **Perreau, A.**, Witt, S., Noble, W., Coelho, C. (2014). The development and validation of the Tinnitus Primary Functions Questionnaire. *American Journal of Audiology*, *23*(3), 260-272. doi: 10.1044/2014_AJA-13-0014.
- Perreau, A.**, Spejcher, B., Ou, H., & Tyler, R. (2014). The Spatial Hearing Questionnaire: Data from normal hearing individuals. *American Journal of Audiology*, *23*(2), 173-181.
- Perreau, A.E.**, Bentler, R.A., Tyler, R.S. (2013). The contribution of a frequency-compression hearing aid to contralateral cochlear implant performance. *Journal of the American Academy of Audiology*, *24*, 105-120.
- Reiss, L.A.J., **Perreau, A.E.**, Turner, C.W. (2012). Effects of lower frequency-to-electrode allocations on speech and pitch perception with the hybrid short-electrode cochlear implant. *Audiology & Neurotology*, *17*, 357-372.
- Perreau, A.**, Tyler, R.S., & Witt, S.A. (2010). The effect of reducing the number of electrodes on spatial hearing tasks for bilateral cochlear implant recipients. *Journal of the American Academy of Audiology*, *21*(2), 110-120.
- Tyler, R.S., Witt, S.A., Dunn, C.C., **Perreau, A.E.**, Parkinson, A.J., & Wilson, B.S. (2010). An attempt to improve bilateral cochlear implants by increasing the distance between electrodes and providing complementary information to the two ears. *Journal of the American Academy of Audiology*, *21*(1), 52-65.
- Dunn, C.C., **Perreau, A.**, Marciniak, K., Macpherson, B., Tyler, R.S., and Kordus, M. (2010). Performance outcomes for adult cochlear implant users. In M. Marschark and P. E. Spencer (Eds.), *Oxford Handbook of Deaf Studies, Language, and Education, Volume, 2*. New York: Oxford University Press.
- Dunn C.C., **Perreau, A.**, Gantz, B.J., and Tyler, R.S. (2009). Benefits of localization and speech perception with multiple jammers in listeners with a short electrode cochlear implant. *Journal of the American Academy Audiology*, *21*, 44–51.
- Tyler, R. S., **Perreau, A. E.**, & Haihong, J. (2009). Validation of the Spatial Hearing Questionnaire. *Ear & Hearing*, *30*(4), 466-474.
- Tyler, R.S., Witt, S.A., Dunn, C.C., **Perreau, A.E.** (2008). A daily alternating method for comparing different signal-processing strategies in hearing aids and in cochlear implants. *Journal of the American Academy of Audiology*, *19*(5), 443-454.

Perreau, A.E., Tyler, R.S., Witt, S., Dunn, C. (2007). Selection strategies for binaural and monaural cochlear implantation. *American Journal of Audiology*, 16, 85-93.

INVITED RESEARCH PRESENTATIONS

Perreau, A. (June, 2019). *An Update on Tinnitus Activities Treatment*. Paper presented at the Iowa conference on Management of the Tinnitus and Hyperacusis Patient.

Perreau, A., Tyler, R., Mancini, P., & Owen, R. (June, 2019). Use of a sound therapy app for cochlear implant patients with tinnitus. Paper presented at the Iowa conference on Management of the Tinnitus and Hyperacusis Patient.

Ou, H. Tang, L-X., **Perreau, A.,** Zhao, H-Y. (March, 2019). *Relationship between self-reported spatial hearing ability and hearing handicap*. Paper presented at American Auditory Society Meeting, Scottsdale, AZ.

Perreau, A., Tyler, R., Mancini, P., & Owen, R. (February, 2019). *Use of a sound therapy app for cochlear implant patients with tinnitus*. Paper presented at American Auditory Society Meeting, Scottsdale, AZ.

Perreau, A. (October, 2018) *Incorporating self-report assessments in audiologic management of adults with hearing loss*. Paper presented at the annual convention of Iowa Speech-Language-Hearing Association, Iowa City, IA.

Perreau, A., & Tanker, T. (April, 2018). *A controlled single-subject design study of tinnitus masker effectiveness and acceptability*. Paper presented at the American Academy of Audiology Convention, Nashville, TN.

Hua, O., & **Perreau, A.** (March, 2018). *The relationship between two questionnaires assessing spatial hearing ability*. Poster presented at American Auditory Society Meeting, Scottsdale, AZ.

Perreau, A. (May, 2017). *Childhood hearing loss: What do we know now?* Paper presented at the meeting of the Quad Cities Speech-Language-Hearing Association, Bettendorf, IA.

Perreau, A., & Derrig, M. (March, 2017). *Young adults' attitudes towards noise-induced hearing loss*. Poster presented at American Auditory Society Meeting, Scottsdale, AZ.

Perreau, A. (October, 2016). Beyond the Audiogram: Subjective assessments of spatial hearing ability and listening effort. In *Current Topics in Aural Rehabilitation: Beyond the Hearing Aid* in partnership with the Academy of Rehabilitative Audiology. Symposium sponsored by Audiology Online.

Perreau, A. (May, 2016). *Listening effort measured in adults with normal hearing and cochlear implants*. Paper presented at Celebration of Learning, Augustana College, Rock Island, IL.

Perreau, A. (March, 2016). *Listening effort measured in adults with normal hearing and cochlear implants*. Paper presented at American Auditory Society Meeting, Scottsdale, AZ.

- Perreau, A.** (February, 2016). Beyond the Audiogram: Subjective assessments of hearing loss and listening effort. *Audiology Consultants Continuing Education Series*, conducted by Audiology Consultants, Davenport, IA.
- Perreau, A.,** Ou, H., Tyler, R. (January, 2016). *Subjective Assessment of Spatial Hearing Ability*. Paper presented at Illinois Academy of Audiology, Chicago IL.
- Perreau, A.,** & Jakielski, K. (November, 2014). *Evaluating Active Learning Strategies in an Undergraduate Audiology Course*. Poster presented at American Speech-Language-Hearing Association, Orlando FL.
- Perreau, A.,** Wu, Y.H., McFarlin, K., Turner, C. (November, 2014). *A comparison of front-back sound localization accuracy among ITC and BTE hearing aids*. Poster presented at American Speech-Language-Hearing Association, Orlando FL.
- Perreau, A.,** & Tatge, B. (October, 2014). *Listening Effort and Hearing Loss*. Paper presented at the annual convention of Iowa Speech-Language-Hearing Association, Iowa City, IA.
- Perreau, A.,** Ou, H., Tyler, R., & Dunn, C. (March, 2014). *Self-reported spatial hearing abilities across different cochlear implant profiles*. Paper presented at American Auditory Society Meeting, Scottsdale, AZ.
- Perreau, A.,** Bentler, R., & Tyler, R. (April, 2013). The contribution of a frequency-compression hearing aid to contralateral cochlear implant performance. *The Moral of Binaural: Why and How Hearing Should be Restored to Both Ears*. Symposium conducted at the Academy Research Conference 2013, Los Angeles, CA.
- Perreau, A.** (December, 2012). *Aural Rehabilitation for adults and children*. Paper presented at the meeting of the Quad Cities Speech-Language-Hearing Association, Moline, IL.
- Perreau, A.,** & Reiss, L. (March, 2012). *Effects of lower frequency-to-electrode allocations on pitch and speech perception*. Paper presented at American Auditory Society Meeting, Scottsdale, AZ.
- Perreau, A.,** Bentler, R., & Tyler, R. (March, 2011). *The contribution of a frequency-compression hearing aid to contralateral cochlear implant performance*. Poster presented at American Auditory Society Meeting, Scottsdale, AZ.
- Perreau, A.,** Tyler, R., Witt, S., Ji, H., & Dunn, C. (June, 2010). *Comparing cochlear implant user profiles using the spatial hearing questionnaire*. Poster presented at CI2010 International Conference on Cochlear Implants and Other Implantable Auditory Technologies, Stockholm, Sweden.
- Perreau, A.,** Tyler, R., (June, 2009). *Validation of the Spatial Hearing Questionnaire: Data from adult and pediatric subjects*. Paper presented at 12th Annual Symposium on Cochlear Implants in Children, Seattle, WA.
- Perreau, A.,** & Holte, L. (April, 2009). *High-frequency tympanometry in newborn infants*. Poster presented at the meeting of American Academy of Audiology, Dallas, TX.

Perreau, A., Tyler, R., & Ji, H. (April, 2008). *The validation of the Spatial Hearing Questionnaire*. Poster presented at the International Conference on Cochlear Implants and other Implantable Auditory Technologies, San Diego, CA.

Perreau, A., Tyler, R., Dunn, C., & Gantz, B. (March, 2007). *Bilateral performance with the Iowa/Nucleus Hybrid short-electrode array using more realistic tests*. Poster presented at the International Conference on Cochlear Implants in Children, Charlotte, NC.

MENTORED STUDENT RESEARCH PRESENTATIONS

Watts, A., & **Perreau, A.** (April, 2018). *Clinical application of tinnitus relief following ultra high-frequency sound*. Poster presented at the meeting of the American Academy of Audiology, Nashville, TN.

Watts, A., & **Perreau, A.** (April, 2017). Listening effort measured in adults with normal hearing and cochlear implants. Poster presented at Celebration of Learning, Augustana College, Rock Island, IL.

Derrig, M., & **Perreau, A.** (January, 2017). Noise-Induced hearing loss in young adults. Poster presented at the meeting of Illinois Academy of Audiology, Chicago, IL.

Fetscher, E., & **Perreau, A.** (January, 2017). The clinical relevance of smartphone applications in audiology. Poster presented at the meeting of Illinois Academy of Audiology, Chicago, IL.

Watts, A. & **Perreau, A.** (January, 2017). Listening effort measured in adults with normal hearing and cochlear implants. Poster presented at the meeting of Illinois Academy of Audiology, Chicago, IL.

COURSES TAUGHT

2018	Lecturer, Music Apps, Sound recording, and Hearing University of Iowa, Department of Communication Sciences and Disorders
2010-2019	Instructor, Anatomy, Physiology, and Science of Hearing Augustana College, Department of Communication Sciences and Disorders
2012, 2014-17	Instructor, Neurosciences for Communication Sciences and Disorders Augustana College, Department of Communication Sciences and Disorders
2012-2019	Instructor and student project mentor, Senior Inquiry Augustana College, Department of Communication Sciences and Disorders
2012-2014, 2016-19	Instructor, Audiology Augustana College, Department of Communication Sciences and Disorders
2011	Instructor, Neurological and Organic Communication Disorders Augustana College, Department of Communication Sciences and Disorders
11/2010	Guest Lecturer, First-year seminar: High-Fidelity Sound and Hearing University of Iowa, Department of Communication Sciences and Disorders
7/2005-7/2010	Lecturer, Basic Science Course, Cochlear Implant Evaluations University of Iowa, Department of Otolaryngology
6/2008	Invited speaker, Advanced Cochlear Implant Workshop sponsored by Advanced Bionics Corporation
10/2007	Guest Lecturer, Introduction to Hearing Science University of Iowa, Department of Communication Sciences and Disorders

1/2003-5/2003	Teaching Assistant, Speech and Hearing Anatomy University of Iowa, Department of Communication Sciences and Disorders
1/2003-5/2003	Instructor, Manual Communication University of Iowa, Department of Communication Sciences and Disorders

FACULTY DEVELOPMENT

2018	Sabbatical, fall term, University of Iowa Tinnitus and Hyperacusis Clinic
2018	Conference attendee, International Conference on Management of Tinnitus and Hyperacusis, University of Iowa
2018	Small Group Teaching Workshop, University of Iowa
2018	Semester Curriculum Workshop, Augustana College
2015	Peak Performing Professor Workshop, Augustana College
2014	The Future of Higher Education, University of Chicago
2014	“Communicate” Faculty Development Workshop, Augustana College
2013	Pre-tenure sabbatical, fall term
2013	New Faculty Institute, George Williams College

SERVICE

2018-present	Hosted Tinnitus Group Educational Sessions at Center for Speech, Language, and Hearing
2019	Member of Augustana College Student Accommodations Committee
2018	Outreach to the Senior Health Fair in Moline, IL, hearing screenings
2017-2018	Augustana College Faculty Mentor
2017-2019	Chair of Augustana Institutional Review Board
2018	Outreach to Silvis Diabetes Group to discuss relationship of hearing loss to diabetes
2017	Outreach to the Senior Health Fair in Moline, IL, hearing screenings
2017-2018	Special Olympic Healthy Hearing volunteer and supervisor of hearing screenings, Iowa City, IA
2017-2019	Hosted LEAD Elementary School Group at Center for Speech, Language, and Hearing
2017	Reviewer for International Journal of Audiology, Trends in Hearing, and Ear & Hearing
2016	Presentation on Deafness and Language at Augustana “Crossroads” Symposium Day
2015-2019	Member of Augustana College Faculty Research Committee
2014-2015,	
2016-present	Member of Augustana Institutional Review Board
2016	KWQC Fran Riley Interview to promote healthy hearing and audiology clinic
2014-2016	Member of Augustana College Enrollment Committee
2014-2016	Illinois Academy of Audiology Co-Treasurer
2011-2017	Reviewer for American Speech-Language-Hearing Association Audiology/Hearing, Science Research Travel Award (ARTA)
2014-present	Communication Sciences and Disorders correspondent to prospective Augustana College students
2014	Outreach to the Moline Public Library, hearing screenings for community members
2014	Special Olympic Healthy Hearing volunteer and supervisor of hearing screenings, State Games, Normal, IL
2014	Outreach to The Learning Center in Moline, hearing screenings for participants and staff

2014 Reviewer, *American Journal of Audiology*, *Journal of the American Academy of Audiology*, and *Audiology Online*

2014 Presentation to Moline Kiwanis Club about Augustana College Center for Speech, Language, and Hearing

2013-2015 Untenured representative for Faculty Welfare Committee

2013 Outreach to Rock Island Church of Peace, hearing screenings for refugees and staff

2012-2017 Faculty Advisor, Augustana College Sign Language Table

2012-present Communication Sciences and Disorders major advisor, Augustana College

2012-2016 Augustana College CSD Department Scholarship Competition for prospective students

2012-2013 Augustana College Greek Faculty Liaison

2012 Augustana College Fall Visit Day for prospective students

2012-2013 Hand-in-Hand Expo for children and adults with special needs, Bettendorf IA

2011 Open House, Augustana College Center for Speech, Language, and Hearing

2011 Host, Lecture in Communication Sciences and Disorders, Augustana College

2005-2009 Special Olympic Healthy Hearing Volunteer, Iowa Mid-Winter Games, Iowa City IA

2006 Special Olympic Healthy Hearing Volunteer, National Games, Ames IA

2003 Special Olympics Healthy Hearing Volunteer, World Games, Dublin, Ireland

FUNDING

2017 Science Equipment Endowment, Augustana College

2016-2018 Student Research Assistantship Award, Augustana College

2016 Summer Research Stipend Award, Augustana College

2016 Recipient of Faculty Research Grant, Augustana College

2013-present Joint Recipient of Melvin McKay Trust Grant to Augustana College Center for Speech, Language, and Hearing

2011-14 Recipient of New Faculty Research Award, Augustana College

2012 Recipient of Advancing Academic-Research Career (AARC) Award, American Speech-Language-Hearing Association

2012 Joint Recipient of Riverboat Development Authority Grant

2012 Community Foundation of the Great River Bend (application submitted)

2012 Recipient of Supplemental Professional Meeting Allowance Grant, Augustana College

2010 New Century Scholars Doctoral Scholarship (unfunded application)

2009 Recipient of Research Grant, Executive Council on Graduate and Professional Studies (ECGPS), University of Iowa

HONORS AND DISTINCTIONS

2018-present Audiology Clinic Coordinator, Center for Speech, Language, and Hearing
2013, 2014 Recipient of Larry Jones Endowed Fellowship in the Natural Sciences, Augustana College
2013 Fellow-in-Residence, Obermann Center for Advanced Studies, University of Iowa
2007-present Adjunct Instructor, Department of Communication Sciences and Disorders, University of Iowa
2011 American Auditory Society Resident and Graduate Student Poster award recipient
2009 American Speech-Language-Hearing Association Audiology/Hearing Science Research Travel Award Recipient
2009 Scholarship Award Recipient for 12th Symposium on Cochlear Implants in Children
2007-2008, American Speech-Language-Hearing Association Mentoring Academic Research Careers
2012-2013 (MARC) Program Participant
2007 Council on Academic Programs In Communication Sciences and Disorders (CAPCSD) Summer Institute participant
2004 Iowa's Leadership Education in Neurodevelopmental and Related Disabilities trainee
2003 Iowa Speech-Language-Hearing Association Scholarship recipient
2002 Department of Speech Pathology and Audiology Sherman Scholar, University of Iowa

PROFESSIONAL SOCIETIES

2012-present American Auditory Society
2012-present Illinois Academy of Audiology
2005-present American Speech-Language-Hearing Association
2013, 2018 American Academy of Audiology
2012-2015 Quad City Speech-Language-Hearing Association
2003-2004 National Student-Speech-Language-Hearing Association
2002 Phi Beta Kappa National Honor Society