

## **JAMIE L. DESJARDINS, Ph.D., CCC-A**

### **EDUCATION**

#### **Ph.D. in Audiology (May 2011)**

Syracuse University, Dept. of Communication Sciences & Disorders, Syracuse, NY  
Dissertation: Age-related changes in listening effort for various types of masker noises  
Advisor: Karen A. Doherty

#### **Advanced Certificate in Gerontology (May 2011)**

Syracuse University, Maxwell School, Syracuse, NY

#### **M.S. in Audiology (August 2002)**

Syracuse University, Dept. of Communication Sciences & Disorders, Syracuse, NY  
Thesis: The relationship among fMRI, temporal processing and the aging auditory system

#### **B.S. in Speech Language Pathology & Audiology (December 1999)**

SUNY Cortland, Cortland, NY

### **PROFESSIONAL EXPERIENCE**

#### **Assistant Professor (May 2014 - )**

Dept. of Rehabilitation Sciences, Speech Language Pathology Program, University of Texas at El Paso, El Paso, TX

#### **Research Assistant Professor (August 2012 – May 2014)**

Dept. of Communication Sciences & Disorders, Syracuse University, Syracuse, NY

#### **Clinical Audiology Supervisor (August 2012 – May 2013)**

Gebbie Hearing Clinic, Syracuse University, Syracuse, NY

#### **Post-Doctoral Fellow (July 2011 – July 2012)**

Center for Aging and Policy Study, Maxwell School at Syracuse University, Syracuse, NY  
Advisors: William Hoyer & Karen A. Doherty

#### **Graduate Research Assistant (August 2004 – May 2011)**

Hearing Science Laboratory  
PI: Karen A. Doherty  
Dept. of Communication Sciences & Disorders, Syracuse University, Syracuse, NY

#### **Clinical Audiologist (August 2002- August 2004)**

Audiology Consultants of Cortland, Cortland, NY,

#### **Graduate Research Assistant (August 2000 – 2001)**

Pediatric Audiology Laboratory  
PI: Beth Prieve  
Dept. of Communication Sciences & Disorders, Syracuse University, Syracuse, NY

## **PUBLICATIONS**

Desjardins, J. L. & Doherty, K.A. (2009). Do experienced hearing aid users know how to use their hearing aids correctly? *The American Journal of Audiology*, 18, 69-76.

\*Voted one of the best Audiologic Rehabilitation Articles of 2009 by the Hearing Journal

Doherty, K.A. & Desjardins, J.L. (2012). The Practical Hearing Aid Skills Test Revised (PHAST-R). *The American Journal of Audiology*, 21, 100-105.

Desjardins, J.L. & Doherty, K.A. (2013). Age-related changes in listening effort for various types of masker noises. *Ear and Hearing*, 34(3):261-272.

Desjardins, J. L. & Doherty, K.A. (2014). The effect of hearing aid noise reduction on listening effort in older adults. *Ear and Hearing*, 35 (6): 600-610.

Doherty KA, Desjardins JL. (2015). The benefit of amplification on auditory working memory function in middle-aged and young-older hearing impaired adults. *Front Psychology*, 5; 6:721.

Desjardins, J.L. (2016). The effect of hearing aid directional microphone and noise reduction processing on listening effort in older adults. *Journal of the American Academy of Audiology*, 27; 29 :41.

Desjardins, J.L. (2016). Analysis of Performance on Cognitive Test Measures Before, During, and After Six Months of Hearing-aid Use: A Single-Subject Experimental Design. *The American Journal of Audiology*.

\*Highlighted by the Harvard Medical School Men's Health Watch Magazine in June 2016

## **GRANTS**

University Research Initiative Grant (2016-2017). "Speech Recognition Performance in Older Bilinguals' L1 and L2." (\$5000). PI

American Speech Language Hearing Foundation New Century Scholars Research Grant (2013-2014). "The Effect of Hearing Aids on Cognitive Function in Middle aged Adults." (\$10,000). PI

American Academy of Audiology New Investigator Grant (2013-2014). "Effects of Directional Microphones and Noise Reduction on Listening Effort." (\$10,000). PI

National Institutes of Health/ National Institutes of Aging (# P30AG034464). (2011-2013). "Benefit of Amplification in Early Age-Related Hearing Loss." (\$90,000). Post-Doctoral Fellow

American Academy of Audiology Student Research Grant. (2010-2011). "Age-related changes in listening effort for various types of masker noises."(\$5000). PI

## **PRESENTATIONS**

Gomez, N. & Desjardins, J.L. (2016). Auditory Selective Attention Performance in Younger & Older Bilingual Adults. American Speech Language Hearing Association Convention, Philadelphia, PA.

Desjardins, J.L., Feeney, P., Glista, D. (2016). Outcomes from AAA/AAAF Research Grants in Hearing and Balance. American Academy of Audiology Convention, Phoenix, AZ.

Summers, C. & Desjardins, J.L. (2015). Using Language Experience Measures as a Way to Predict Language Processing Performance in Bilingual Adults. American Speech Language Hearing Association Convention, Denver, CO.

Desjardins, J.L. & Fernandez, F. (2015). The Effects of Bilingualism on Auditory Selective Attention in Normal-Hearing Adults. American Speech Language Hearing Association Convention, Denver, CO.

Desjardins, J. L. (2015). Mitigation of Age-related Changes in Cognition with Hearing Aids. American Auditory Society Convention, Scottsdale, AZ.

Desjardins, J. (2014). The effect of hearing aids on cognitive function in middle aged adults. American Speech Language Hearing Association Convention, Orlando, FL.

O'Flaherty, S., Doherty, K., Desjardins, J. (2013). The effect of hearing aids on memory test scores. New York State Speech Language Hearing Association, Saratoga, NY.

Desjardins, J.L. & Doherty, K.A. (2013). Reducing listening effort in background noise with hearing aids. American Auditory Society, Scottsdale, AZ.

Doherty, K.A., & Desjardins, J.L. (2013). Advantages of using amplification for early age-related hearing loss (2013). American Auditory Society, Scottsdale, AZ.

Desjardins, J.L. & Doherty, K.A. (2012). Objective verification of hearing aid users' ability to use and care for their hearing aids. ARA Conference. Providence, RI.

Doherty, K.A., Desjardins, J.L., Hoyer, W.J. (2012). Benefit of amplification on cognitive function, hearing handicap, and attitudes toward wearing hearing aids in the early stages of age-related hearing loss. ARA Conference. Providence, RI.

Doherty, K.A., Desjardins, J.L., Hoyer, W.J. (2012). Effect of hearing aids on cognitive function, hearing handicap, and attitudes toward wearing hearing aids in the early stages of age-related hearing loss. International Adult Hearing Screening Conference. Lake Cuomo, Italy.

Desjardins, J. L. & Doherty, K.A. (2012). The effect of hearing aid noise reduction on listening effort in older adults. American Academy of Audiology Annual Meeting, Boston, MA.

Doherty, K.A., Desjardins, J.L., Pellegrino J., Kordas, T., Kennedy, K. (2011). Are your clients using their hearing aids incorrectly? American Academy of Audiology Annual Meeting, Chicago, IL.

Desjardins, J. & Doherty, K. (2010). Age-related changes in listening effort for various types of masker noises. American Speech Language Hearing Association, Philadelphia, PA.

Doherty, K., Desjardins, J., Pellegrino, J., Kordas, T., Kennedy, K. (2010). Cognitive and sensory function effects on manipulation of hearing instruments. American Speech Language Hearing Association, Philadelphia, PA.

Doherty, K. & Desjardins, J. (2010). Age effects on subjective and objective hearing aid outcome measures. American Academy of Audiology, San Diego, CA.

Doherty, K., Desjardins, J., Pellegrino, J., Kordas, T., Kennedy, K. (2010). Clinical application of the Practical Hearing Aid Skills Test. American Auditory Society, Scottsdale, AZ.

Desjardins, J., Jenner, A., Huckins, S., Doherty, K. (2009). How younger and older adults process rapid speech: An fMRI study. Syracuse University Showcase, Syracuse, NY.

Desjardins, J., Jenner, A., Huckins, S., Doherty, K. (2009). Functional neuroanatomy associated with auditory temporal processing in older adults. American Auditory Society, Scottsdale, AZ.

Desjardins, J. & Doherty, K.A. (2008). Age effects on listening strategies used to process time-compressed speech. American Speech Language Hearing Association, Chicago, IL.

Desjardins, J., Calandruccio, L. & Doherty, K. A. (2008). Aging effects on how older listeners use the spectral information in speech. American Auditory Society, Scottsdale, AZ.

Doherty, K.A. & Desjardins, J. (2007). Relationship between practical and self reported hearing aid knowledge. American Speech Language Hearing Association, Boston, MA.

Desjardins, J. & Doherty, K.A. (2007). A novel test for the assessment of practical hearing aid skills. American Auditory Society, Scottsdale, AZ.

Desjardins, J., Doherty, K.A., Huckins, S. (2001). The relationship among fMRI, CAP tests, and the aging CANS. American Speech Language Hearing Association, New Orleans, LA.

### **TEACHING EXPERIENCE**

Hearing Science (SPLP 2320), Assistant Professor, University of Texas at El Paso, El Paso, TX  
Fall 2014, 2015, 2016

Anatomy & Physiology of the Speech and Hearing Mechanism (SPLP 3312), Assistant Professor, University of Texas at El Paso, El Paso, TX  
Fall 2015, 2016

Basic Clinical Audiology (SPLP 4309), Assistant Professor, University of Texas at El Paso, El Paso, TX  
Spring 2015, 2016

Neural Bases of Speech and Language (SPLP 4312) Assistant Professor, University of Texas at El Paso, El Paso, TX  
Spring 2015

Hearing Aids II (CSD 674), Adjunct Professor, Syracuse University, Syracuse, NY  
Spring 2009, 2010, 2011, 2012, 2013, 2014

Speech Perception in the Elderly, (CSD 690), Adjunct Professor, Syracuse University  
Fall 2007

Hearing Science (CSD 325), Adjunct Professor, Syracuse University, Syracuse, NY  
Spring 2012

Introduction to Communication Sciences and Disorders, Adjunct Professor, Syracuse University,  
Syracuse, NY  
Fall 2012, Spring 2013

Speech Science (CSD 345/645), Adjunct Professor, Syracuse University, Syracuse, NY  
Fall 2012, 2013

Hearing Aids I, (CSD 673), Laboratory Instructor, Syracuse University  
Fall 2006, 2007, 2008, 2009, 2010

Advanced Clinical Audiology, (CSD 661), Laboratory Instructor and Teaching Assistant  
Syracuse University  
Fall 2007, 2009

### **HONORS & AWARDS**

NIH Building Scholars Super Mentor program participant, 2015-2016

American Speech Language Hearing Association Lessons for Success Recipient, 2014

National Institute of Health Student Loan Repayment Grant, NIH/NIDCD, 2013-2015

Doctoral Prize Recipient for Outstanding Doctoral Dissertation in the College of Arts & Sciences,  
Syracuse University, 2011

National Institute of Health/American Auditory Society Mentored Student Research Grant, 2009

American Speech-Language Hearing Association New Century Scholars Doctoral Scholarship,  
2008

American Speech-Language Hearing Association Convention Scholarship, 2008

Women in Science and Engineering Professional Professorial Fellowship, Syracuse University,  
2008-2009

Barbara Kurman Research Travel Award, Syracuse University, 2008

Graduate Student Paper Award, Maxwell School Center for Gerontology, Syracuse University,  
2007

Kathryn W. Green Award for Excellence in Audiology, SUNY Cortland, 1999

### **PROFESSIONAL SERVICE**

American Auditory Society National Conference Planning Committee, 2015-2016

Guest Reviewer, Ear and Hearing Journal, 2011 – present

Guest Reviewer, Journal of Speech Language Hearing Research, 2014-present

Guest Reviewer, International Journal of Audiology, 2014-present

Guest Reviewer, Journal of the American Academy of Audiology, 2015-present

Guest Reviewer for the Audiology Hearing Science Research Travel Award (ARTA), American Speech-Language Hearing Association, 2008 - 2010

American Academy of Audiology Research and Grant Review Committee, 2007- 2008

**LICENSURE & CERTIFICATION**

2014 Texas State License in Audiology

2003- 2015 New York State Licensed Audiologist

2003- 2015 New York State Licensed Hearing Aid Dispenser

2003 ASHA Certificate of Clinical Competence in Audiology