

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

Associate Teaching Professor and Director of Undergraduate Programs
Department of Communication Sciences & Disorders
Syracuse University, Syracuse, NY
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EDUCATION

Post-Doctoral Fellowship (July 2011 – July 2012)

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

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

Associate Teaching Professor and Director of Undergraduate Programs (August 2019 – current)

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

Assistant Professor (May 2014 – August 2019)

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

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,

PUBLICATIONS

*graduate student author, **undergraduate student author

Desjardins, J.L., Bangert, A., Gomez, N. (2020). What does language have to do with it? The impact of age and bilingual experience on inhibitory control in an auditory dichotic listening task. *Journal of Speech, Language, and Hearing Research*

Desjardins, J. L., *Barraza, E. G., **Orozco, J. A. (2019). Age-related Changes in Speech Recognition Performance in Spanish–English Bilinguals' First and Second Languages. *Journal of Speech, Language, and Hearing Research*, 62(7), 2553-2563.

Desjardins, J.L., *Alicea, C., Doherty, K.A. (2018). The effect of memory span and manual dexterity on hearing aid handling skills in new and experienced hearing aid users. *American Journal of Audiology*, 1-11.

Desjardins, J.L., & *Fernandez, F. (2018). Performance on auditory and visual tasks of inhibition in English monolingual and Spanish–English bilingual adults: Do bilinguals have a cognitive advantage? *Journal of Speech, Language, and Hearing Research*, 61 (2), 410-419.

Desjardins, J.L., & Doherty, K.A. (2017). Changes in psychosocial measures after a 6-week field trial. *American Journal of Audiology*, 26 (2),119-128.

Desjardins, J.L. (2016). Analysis of performance on cognitive test measures before, during, and after 6 months of hearing aid use: A single-subject experimental design. *American Journal of Audiology*, 25 (2),127-141.

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; 1, 29-41.

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

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.

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

PRESENTATIONS

*graduate student author; **undergraduate student author

*Orozco, J., Desjardins, J. & Summers, C. (2019). Working memory performance in Spanish-English bilinguals' first and second languages. American Speech Language Hearing Association Convention, Orlando, FL.

*Orozco, J., *Barazza, E., & Desjardins, J. (2018). Age-related changes in speech recognition performance in Spanish-English bilinguals. American Speech Language Hearing Association Convention, Boston, MA.

Desjardins, J. (2018). Speech recognition performance in older Spanish-English bilinguals. American Auditory Society Convention, Scottsdale, AZ.

*Barraza, E., **Orozco, J., & Desjardins, J. L. (2018). Effortful listening in younger and older Spanish-English bilinguals' first and second languages. Texas Speech-Language-Hearing Association Convention, Houston, TX.

*Erikstad, M. & Desjardins, J.L. (2018). Hearing aid use among Hispanics living in the U.S. Borderland region. Texas Speech-Language-Hearing Association Convention, Houston, TX.

*Barazza, E., **Orozco, J., Desjardins, J. (2017). Speech recognition in noise performance in younger and older Spanish-English bilinguals' L1 and L2. American Speech Language Hearing Association Convention, Los Angeles, CA.

*Sotelo, L., Desjardins, J., & *Erikstad, M. (2017). Attitudes & barriers affecting hearing aid use in Hispanics living in the U.S. borderland region. American Speech Language Hearing Association Convention, Los Angeles, CA.

*Gomez, N. & Desjardins, J. (2017). Examining the cognitive advantage of bilingualism in younger & older Spanish-English speaking adults. American Speech Language Hearing Association Convention, Los Angeles, CA.

**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.

GRANTS

State of Texas 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

HONORS & AWARDS

American Auditory Society New Investigator Travel Award, 2018

National Institute of Health Student Loan Repayment Grant, NIH/NIDCD, 2017-2018

National Institute of Health 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

TEACHING EXPERIENCE

Introduction to Research (CSD 659), Associate Teaching Professor, Syracuse University, Syracuse, NY
Fall 2019

Directed Research (CSD 760), Associate Teaching Professor, Syracuse University, Syracuse, NY
Fall 2019

Research Methods in Communication Sciences and Disorders (SPLP 5320), Assistant Professor, University of Texas at El Paso, El Paso, TX
Fall 2018

Instrumentation for Acoustic Phonetics and Properties of Voice (SPLP 5272) Assistant Professor, University of Texas at El Paso, El Paso, TX
Summer 2017

Advanced Research Methods (CHSC 6396) Assistant Professor, University of Texas at El Paso, El Paso, TX
Fall 2017

Processes of Aging (SPLP 5372) Assistant Professor, University of Texas at El Paso, El Paso, TX
Spring 2018, 2019

Hearing Science (SPLP 2320), Assistant Professor, University of Texas at El Paso, El Paso, TX
Fall 2014, 2015, 2016, 2017, 2018

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, 2018, 2019

Speech Science (SPLP 4311), Assistant Professor, University of Texas at El Paso, El Paso, TX
Summer 2018

Neural Bases of Speech and Language (SPLP 4312) Assistant Professor, University of Texas at
El Paso, El Paso, TX
Spring 2015, 2016

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

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

Introduction to Communication Sciences and Disorders (CSD 212), Adjunct Professor,
Syracuse University, Syracuse, NY
Fall 2012, Spring 2013

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

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

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

LICENSURE & CERTIFICATION

2014- present	Texas State License in Audiology
2003- present	New York State Licensed Audiologist
2003- 2015	New York State Licensed Hearing Aid Dispenser
2003- present	ASHA Certificate of Clinical Competence in Audiology