

Kathy Carbonell

Speech, Language & Hearing Sciences, University of Arizona
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RESEARCH INTERESTS

Auditory Cognitive Neuroscience: speech perception, auditory categorization, context effects, talker normalization, rhythm perception, individual differences in speech perception abilities.

EDUCATION

Ph.D., Speech, Language, & Hearing Sciences (*in progress*) 2009 – Present
University of Arizona, Tucson, AZ
Advisor: Andrew Lotto, Ph.D

B.S., Speech, Language, & Hearing Sciences 2003 – 2007
Minors: Spanish, Italian
University of Arizona, Tucson, AZ
Graduated *Magna Cum Laude*

STUDY ABROAD

Istituto Internazionale di Studi Classici di Orvieto Summer 2005
Orvieto, Italy

RELEVANT EMPLOYMENT

Graduate Research Assistant University of Arizona 2009 – Present
Speech, Language & Hearing Sciences
Dr. Andrew Lotto

CLINICAL EXPERIENCE

Student Clinician (AuD) Spring 2009
Adult Hearing Clinic
Speech, Language & Hearing Sciences Department, University of Arizona

- Performed hearing evaluations, hearing aid fittings & adjustments

Volunteer Clinician 2007-2009
St. Andrew's Children's Hearing Clinic, Nogales, Arizona

- Served as translator for Spanish-speaking patients

- Performed hearing evaluations, hearing aid fittings and adjustments

HONORS, AWARDS & SCHOLARSHIPS

Speech, Lang. & Hearing Sciences Travel Award (for 160 th ASA)	2010
Student Travel Grant – 160 th meeting of the Acoustical Society of America (ASA)	2010
Recipient of Woodling-Sertoma Memorial Scholarship	2010
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University of Arizona Minority Graduate Fellowship	2008
University of Arizona Dean's List Honorable Mention	2003 – 2007
University of Arizona Dean's List with Distinction	2004
Recipient of Borinquen Women's Club Scholarship	2003
Recipient of PTSO Scholarship Award	2003

PRESENTATIONS

Carbonell, K.M., Aravamudhan, R and Lotto, A.J (2010). Presence of preceding sound affects the neural representation of speech sounds: Behavioral data., Journal of Acoustical Society of America, 128,2322

Aravamudhan, R, **Carbonell, K.M.**, & Lotto, A.J (2010). Presence of preceding sound affects the neural representation of speech sounds: Behavioral data., Journal of Acoustical Society of America, 128,2322

Carbonell, K.M., & Frush-Holt, R. "Lexical & Context Effects in Multimodal Word Recognition in Children." Department of Speech and Hearing Sciences Summer 2008 Annual TRACCS Research Presentation Session, Indiana University; July 25, 2008

INVITED ADDRESSES

Carbonell, K.M., & Gonzales, A. "Hearing, Hearing Loss, and Auditory Prosthetics." Sertoma Club of Tucson meeting, Tucson, AZ; November 8, 2010.

TEACHING EXPERIENCE

- Guest lecture entitled: "Hearing Loss and Cochlear Implants" October 28, 2010
- Undergraduate Course: World of Sound (SP H 263), Speech, Language, and Hearing Sciences, University of Arizona, Instructor: Dr Andrew Lotto
- Guest lecture entitled: "Context Effects in Speech Perception" April 27, 2010
- Undergraduate Course: World of Sound (SP H 263), Speech, Language, and Hearing Sciences, University of Arizona, Instructor: Dr Andrew Lotto
- Guest lecture entitled: "Hearing Loss" March 30, 2010
- Undergraduate Course: World of Sound (SP H 263), Speech, Language, and Hearing Sciences, University of Arizona, Instructor: Dr Andrew Lotto

Preceptor for Undergraduate Course: World of Sound (SP H 263)

Spring 2010

- Speech, Language, and Hearing Sciences, University of Arizona,
Instructor: Dr. Andrew Lotto

UNDERGRADUATE RESEARCH EXPERIENCE

Multimodal speech perception in children (with Dr. Rachel Frush-Holt)
Speech and Hearing Sciences Department, Indiana University

Summer 2008

- Participated in summer research training program for minority students (TRACCS).
Designed and presented scientific poster on data assessing multimodal spoken word recognition in children with normal hearing.

Efferent Control of the Human Auditory System (with Dr. Barbara Cone)
Speech, Language & Hearing Sciences Department, University of Arizona

Fall 2007

- Assisted with data collection using Otoacoustic Emissions testing, Tympanometry,
Pure Tone Audiometry, Acoustic Reflexes and Auditory Brainstem Response (ABR).

Dialectal differences in Spanish /r/ &/l/ production (with Dr. Andrew Lotto)
Speech, Language & Hearing Sciences Department, University of Arizona

Fall 2007

- Conducted an exploratory project analyzing acoustic differences
of the /r/&/l/ variation in native Puerto Rican and Mexican Spanish speakers.

PROFESSIONAL ORGANIZATIONS

Auditory Cognitive Neuroscience Society (ACNS)

American Auditory Society (AAS)

Acoustical Society of America (ASA)

LANGUAGES

Bilingual English & Spanish speaker, proficient Italian