



**Motherhood leave, 1998-2002**

**Suzuki Piano Instructor, 2000-2002**, Dutchess Community College, Poughkeepsie, New York.

**Faculty Research Associate, 1994 - 1998**, Arizona State University, Dept. of Speech and Hearing Science, Tempe, Arizona.

**Research Assistant, 1991 - 1994**, University of Florida, Department of Psychology, Gainesville, Florida.

**SERVICE/OUTREACH**

- **Organizing committee for Northwestern University Symposium** honoring the contributions of David M. Green to Hearing Science, "Contemporary Hearing Science inspired by David M. Green" (<https://knowleshearingcenter.northwestern.edu/knowles-conference-2019/>), 2019
- **Technical Committee on Psychological and Physiological Acoustics**, Acoustical Society of America, 2015-2018
- **Technical Committee on Psychological and Physiological Acoustics**, Acoustical Society of America, 2020-2023
- **Session Co-chair**, International Congress on Acoustics/Acoustical Society of America, Montreal, Canada, June 2-7, 2013
- **Grant review trainee**, ASHF/RSAC Grant Reviewer Training, Washington D.C., 2007
- **Session Chair**, Acoustical Society of America, Salt Lake City, June 4-8, 2007
- **Session Co-chair**, Acoustical Society of America, New York City, May 24-28, 2004
- **Full Member**, Acoustical Society of America, 1996-present
- **Full Member**, Association for Research in Otolaryngology, 2002-present
- **Full Member**, American Auditory Society, 2005-present
- **Liaison** between AuD Students and American Auditory Society, 2005-2009
- **Reviewer**, Journal of Speech, Language and Hearing Research
- **Reviewer**, Journal of Acoustical Society of America
- **Reviewer**, Hearing Research
- **Reviewer**, Journal of the American Academy of Audiology
- **Editorial Board Member**, American Journal of Audiology, 2020-present

**PUBLICATIONS**      Co-authors are student advisees

**Journals**

- (1) Robert A. Lutfi, Torben Pastore, Briana Rodriguez, William A. Yost, and **Jungmee Lee** (in review). "Molecular analysis in individual differences in talker search at the cocktail-party," *J. Acoust. Soc. Am.*
- (2) Young-Ju Jung, Seong-Hwoon Hwang, and **Jungmee Lee** (2022). "The Influence of Response to Positive Affect upon Bipolar Symptoms: In the Focus of Differential Effect of Positive Rumination vs Savoring," *The Korean Journal of Health Psychology*. 27 (2), 291-312
- (3) Robert A Lutfi, Briana Rodriguez, **Jungmee Lee** (2021). "The listener effect in multi-talker speech segregation " *Trends in hearing*. 25, 1-11. <https://doi.org/10.1177/23312165211051886>





- (27) Son Shin, **Jungmee Lee**, and Cheol-Won Ryu (2007). "A Study on the Effect of Acculturative Factors on the Psychological Well-being of Korean American Older Immigrants in New York City," *Journal of Welfare for the Aged*, Vol 38. 79-108
- (28) Juil Rie, Jeewon Cheong, **Jungmee Lee**. (2006). Comparison of psychological factors affecting happiness of the Korean elderly residing in USA and Korea. *Korean journal of Psychological and Social issues*, Vol.12, No.5, 169-203.
- (29) Sid P. Bacon, Nicolas Grimault, and **Jungmee Lee** (2002). "Spectral integration in bands of modulated or unmodulated noise," *J. Acoust. Soc. Am.* 112, 219-226.
- (30) Sid P. Bacon, Larissa N. Boden, **Jungmee Lee**, and Jennifer L. Ropovsch (1999). "Growth of simultaneous masking for  $f_m < f_s$ : Effects of overall frequency and level," *J. Acoust. Soc. Am.* 106, 341-350.
- (31) **Jungmee Lee** and Sid P. Bacon (1998). "Psychophysical suppression as a function of signal frequency: Noise and tonal maskers," *J. Acoust. Soc. Am.* 104, 1013-1022.
- (32) Melanie J. Gregan, Sid P. Bacon, and **Jungmee Lee** (1998). "Masking of pure tones by sinusoidally amplitude modulated tonal maskers," *J. Acoust. Soc. Am.* 103, 1012-1021.
- (33) Sid P. Bacon and **Jungmee Lee** (1997). "The modulated-unmodulated difference: effects of signal frequency and masker modulation depth," *J. Acoust. Soc. Am.* 101, 3617-3624.
- (34) **Jungmee Lee** and Sid P. Bacon (1997). "Amplitude modulation depth discrimination of a sinusoidal carrier: effect of stimulus duration," *J. Acoust. Soc. Am.* 101, 3688-3693. PMID: PMC3282190
- (35) Sid P. Bacon, **Jungmee Lee**, Daniel N. Peterson, and Dawne Rainey (1997). "Masking by modulated and unmodulated noise: Effects of bandwidth, modulation rate, signal frequency, and masker level," *J. Acoust. Soc. Am.* 101, 1600-1610.
- (36) **Jungmee Lee** (1994). "Amplitude modulation rate discrimination with sinusoidal carriers," *J. Acoust. Soc. Am.* 96, 2140-2147.
- (37) **Jungmee Lee** and David M. Green (1994). "Detection of a mistuned component in a harmonic complex," *J. Acoust. Soc. Am.* 96, 716-725.

## SCHOLARLY PRESENTATIONS

### Invited talk

**Jungmee Lee** (2003). "Temporal integratio

**Jungmee Lee** (2004). “Temporal integration of time-varying sounds: Implication of speech understanding,” Department of Speech and Hearing Sciences, Ohio State University, Columbus, OH

**Jungmee Lee** (2009). “Auditory temporal processing of people with hearing loss: Implications of cochlear function,” Department of

**Jungmee Lee** and Robert A. Lutfi (2020). “Evidence of possible contribution of cochlear mechanics to individual differences in cocktail-party listening from studies of otoacoustic emission,” 2020 Forum Acusticum meeting of the European Acoustics Association in Lyon-France, for a special session on “Interindividual Differences in Auditory Processing”.

**Jungmee Lee** (2022). “Relationship between various measures of auditory perception and otoacoustics emissions,” Korean Otological Society Seminar, June 25, 2022

**Conference Poster Presentations**

Co-authors are student advisees

[1] Lindsey Kummerer, John Sheets, **Jungmee Lee**, and Robert A. Lutfi (2022). “Possible cochlear contributions to individual differences in a speech-in-noise task”

[2] Briana Rodriguez, Robert A. , and **Jungmee Lee** (2022). “Talker identification based on covariance in voicing cues,” *Association for Research in Otolaryngology*, Virtual meeting

[3] John Sheets, **Jungmee Lee**, Joshua Hajicek, and Robert A. Lutfi (2020). “Cochlear contributions to differences in cocktail-party listening”

[4] Briana Rodriguez, Jungmee Lee, and Robert A. Lutfi (2019). “Synergy of spatial and spectral cues in cocktail-party listening,” *Acoustical Society of America*.

[5] John Sheets, **Jungmee Lee**, Joshua Hajicek, and Robert A. Lutfi (2019). “Further exploration for cochlear contributions to individual differences in cocktail-party listening”. presented at a special conference of “*Contemporary Hearing Science Inspired by David M. Green*”

- [11] Monica Wagner, **Jungmee Lee**, and Valerie L. Shafer (2016). “The effects of attention on the cortical sensory waveforms, the P1-N1-P2 and T-complex, in native Polish and English listeners,” *Auditory Cognitive Neuroscience Society*, Tucson.
- [12] Samantha Ginter, Sumitrajit Dhar, **Jungmee Lee**, Jungwha Julia Lee, and Jonathan Siegel (2015). “What drives changes in speech perception in noise between 18 and 68 years of age?” 6<sup>th</sup> Aging and Speech Communication Research Conference 2015 (“ASC15”) Bloomington.
- [13] Sriram Boothalingam, Margaret Halinski, Carolyn Murray, **Jungmee Lee**, Beverly. A. Wright, and Sumitrajit Dhar (2015). “Differential influences of visual task performance on cochlear responses in musicians and nonmusicians,” Society of Neuroscience annual meeting, Chicago
- [14] **Jungmee Lee**, Inseok Heo, Glenis Long, An-Chieh Chang, Kristen Bond, Christophe Stoelinga, and Robert Lutfi (2015). “Individual differences in behavioral decision weights related to irregularities in cochlear mechanics,” *17th International Symposium on Hearing ISH2015*, Groningen, Netherlands
- [15] **Jungmee Lee**, Glenis Long, Inseok Heo, Christophe Stoelinga, and Robert Lutfi (2015). “Cochlear fine structure predicts behavioral decision weights in a multi-tone level discrimination task,” *Acoustical Society of America*, Pittsburgh, PA
- [16] Christophe Stoelinga, Inseok Heo, Glenis Long, **Jungmee Lee**, Robert Lutfi, and An-Chieh Chang (2014). “Exploring a potential role of cochlear nonlinearity in detecting mistuning of a harmonic in a harmonic complex using Distortion Product Otoacoustic Emissions,” *Mechanics of Hearing 12<sup>th</sup> International workshop*, Cape Sounio, Greece
- [17] **Jungmee Lee** (2014). “Possible contribution of cochlear compression to amplitude modulation detection,” *Acoustical Society of America*, Providence, RI
- [18] An-Chieh Chang, Inseok Hoe, **Jungmee Lee**, Christopher Stoelinga, and Robert Lutfi (2014). “Factors Affecting Auditory Streaming of Random Tone Sequences” *Acoustical Society of America*, Providence, RI
- [19] **Jungmee Lee** and Sumitrajit Dhar (2013). Can Cochlear Mechanics Contribute to Amplitude Modulation Perception? *21<sup>st</sup> International Congress on Acoustics*, Montreal, Canada
- [20] Gayla L. Poling, Sumaya Sidique, Tracey Moskatel, Claire Beers, Dani Wijnperle, Jungwha Lee, Jonathan H. Siegel, **Jungmee Lee**, and Sumitrajit Dhar (2013). Optimizing a  $2f_1-f_2$  DPOAE Measurement for Extended High Frequencies. *Midwinter Meeting for the Association for Research in Otolaryngology*. Baltimore, M.
- [21] **Jungmee Lee**, Sumitrajit Dhar, Jungwha Lee, Steve Zecker, and Jonathan Siegel (2012). Interrelationship between Physiological and Behavioral Measures of Auditory Function. *Midwinter Meeting for the Association for Research in Otolaryngology*. San Diego, CA.
- [22] Rachael Baiduc, **Jungmee Lee**, Sumitrajit Dhar (2012) The Influence of Spontaneous Otoacoustic Emissions on Threshold Microstructure and Psychophysical Tuning. *Midwinter Meeting for the Association for Research in Otolaryngology*. San Diego, CA.

- [23] Gayla Poling, Jonathan Siegel, **Jungmee Lee**, Jungwha Lee, Sumitrajit Dhar (2012). Effect of Self-Reported Noise Exposure on Auditory Function in Clinically-Normal Hearing Individuals between 10 and 65 Years Old. *National Hearing Conservation Association*. New Orleans, LA.
- [24] Gayla L. Poling, Jonathan Siegel, **Jungmee Lee**, Jungwha Lee, Sumitrajit Dhar (2012). Stability of Hearing Thresholds and 2f1-f2 Distortion Product Otoacoustic Emission Measures up to 20 kHz in Adults. *Midwinter Meeting for the Association for Research in Otolaryngology*. San Diego, CA.
- [25] Sumitrajit Dhar, Jonathan Siegel, **Jungmee Lee**, Gayla Poling, Jungwha Lee (2012). DPOAE Source Knowledge and its Impact on Clinical Utility. Invited Presentation. *Midwinter Meeting for the Association for Research in Otolaryngology*. San Diego, CA.
- [26] **Jungmee Lee**, Pamela Souza, Andrew Sabin, Bomjun Kwon, Marc Brennan, Gayla Poling, and Carla Pertersen (2011). “Dynamic Range Compression Effects on Modulation Detection Interference,” *Acoustical Society of America*, Seattle, WA
- [27] James Dewey, **Jungmee Lee**, and Sumitrajit Dhar (2011). “Effect of Contralateral Acoustic Stimulation on Hearing Threshold fine structure and Spontaneous Otoacoustic Emissions,” *Acoustical Society of America*, Seattle, WA
- [28] **Jungmee Lee**, Sumitrajit Dhar, Jungwha Lee, and Jonathan Siegel (2011). “Behavioral Hearing Thresholds between 0.125 and 20 kHz Measured Using a Clinically-Viable Calibration Procedure,” *American Auditory Society*, Scottsdale, AZ
- [29] Gayla L. Poling, Jonathan H. Siegel, **Jungmee Lee**, Jungwha Julia Lee, Sumitrajit Dhar (2011). “Population statistics on DPOAE fine structure characteristics,” *2011 American Auditory Society*, Scottsdale, AZ
- [30] Wei Zhao, James Dewey, **Jungmee Lee**, and Sumitrajit Dhar (2011). “MOC-induced changes in stimulus frequency otoacoustic emissions,” *2011*

Diego, CA.

- [34] Ryan Deeter, **Jungmee Lee**, Sumitrajit Dhar (2010). “Efferent modulation of DPOAE components,” *American Auditory Society*, Scottsdale, AZ
- [35] **Jungmee Lee** and Soonha Yook (2009). “Modulation detection interference in listeners with cochlear hearing loss: Effect of modulation depth and onset delay” *Acoustical Society of America*, Portland, OR
- [36] Katheryn Brown and **Jungmee Lee** (2009). “Amplitude modulation detection/depth discrimination in listeners with cochlear hearing loss” *American Auditory Society*, Scottsdale, AZ
- [37] **Jungmee Lee**, Derek Edwards, Jennifer Andrews, and Heather Murray (2008). “Temporal integration functions of amplitude modulation depth discrimination: can multiple-looks model explain this?”, *Joint meeting of Acoustical Society of America and European Acoustics Association*, June 29 – July 4, Paris, France
- [38] **Jungmee Lee**, Derek Edwards, Jennifer, and Aileen Wong (2008). “Temporal Integration for AM rate discrimination: effect of carrier type,” *American Auditory Society*, Scottsdale, AZ
- [39] **Jungmee Lee**, Derek Edwards, Jennifer, and Aileen Wong (2007). “Contribution of onset/offset information of modulation on AM depth discrimination,” *American Auditory Society*, Scottsdale, AZ
- [40] **Jungmee Lee**, Glenis Long, and Changmo Jeung (2006). “Temporal integration functions of AM detection and AM depth discrimination,” *J. Acoust. Soc. Am.* 119, S3332, Providence, RI.
- [41] Glenis Long and **Jungmee Lee** (2005). “Distortion Product Otoacoustic Emissions generated by mistuned harmonic stimuli,” *J. Acoust. Soc. Am.* 117, S2564, Vancouver, Canada
- [42] **Jungmee Lee** and Glenis Long (2005), “Temporal integration functions of amplitude modulation detection and amplitude modulation depth discrimination *J. Acoust. Soc. Am.* 117, S2535, Vancouver, Canada
- [43] **Jungmee Lee** and Cheol-Won Ryu (2005). “The Impact of immigration in later life on psychological well-being: A closer look at Korean American Elders' Experience,” *2005 ASA - NCOA Joint Conference*, Philadelphia, PA
- [44] Glenis Long, Carrick Talmadge, and **Jungmee Lee** (2005). “Level dependent changes in the generator and the reflection components of DPOAE,” *2005 Midwinter Meeting for the Association for Research in Otolaryngology*, February 19-24, New Orleans, LA.
- [45] **Jungmee Lee**, Glenis Long, and Carrick Talmadge (2004). “The impact of cochlear fine structure on hearing thresholds and DPOAE levels,” *J. Acoust. Soc. Am.* 115, S2499, New York City, NY.
- [46] Glenis Long, Carrick Talmadge, and **Jungmee Lee** (2004). “Using sweeping tones to

evaluate DPOAE fine structure,” *2004 Midwinter Meeting for the Association for Research in Otolaryngology*, February 22-26, Daytona Beach, FL.

[47] Glenis Long, Carrick Talmadge, and **Jungmee Lee** (2004). “Modification of DPOAE fine structure by contralateral stimulation,” *2004 Midwinter Meeting for the Association for Research in Otolaryngology*, February 22-26, Daytona Beach, FL.

[48] **Jungmee Lee**, Glenis Long, and Carrick Talmadge (2003). “More effective way to measure DPOAE as a clinical tool,”

“Correlation between cochlear tuning and otoacoustic emissions: exploring scientific and clinical implications,” **PI**, 2008-2009, \$10,000

**UA Faculty Small grant**, “Mechanisms of auditory temporal processing in speech: Implications for dyslexia,” **PI**, 2007 – 2008 \$7333.70

**NIDCD Small grant (R03 DC 066605-01)**, “Understanding Temporal Integration of Time-varying Sounds,” **PI**, 2004 – 2008 \$210,000 (total [direct +indirect])

### **SUBMITTED GRANTS**

NIDCD R21: A developmental perspective of dyslexia and auditory temporal processing, **PI**, \$409,932 (total [direct +indirect]), discussed not funded.

NIDCD R01: “

**University of Arizona**

Kang Li  
Robin Salman

Ph.D. Dissertation      2006-2007  
Ph.D. Dissertation      2008-2009

Hearing Science	Undergraduate	2004	SUNY at New Paltz
Hearing Science	Undergraduate	2006-2008	Univ. of Arizona
Acoustics	Undergraduate	2009	Univ. of Arizona
Psychoacoustics	AuD	2006-2009	Univ. of Arizona
Instrumentation	AuD	2006-2009	Univ. of Arizona
Hearing Science	Undergraduate	2016	Univ. of Wisconsin- Madison
Acoustics, Electroacoustics, and Calibration	AuD	2016	Univ. of Wisconsin- Madison
Psychoacoustics	AuD	2017-present	Univ. of South Florida
Audiology Instrumentation	AuD	2018-present	Univ. of South Florida
ADP seminar	AuD	2018-2019	Univ. of South Florida