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. PMCID: 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?" 6th 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 Steolinga, 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 12th 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**, Chritopher 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? *21st 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 Interferene," *Acoustical Society of America*, Seattle, WA

[27] ▪James Dewey, **Jungmee Lee**, and Sumitrajit Dhar (2011). "Effect of Conralateral 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," *The Korean Academy of Speech-Language Pathology and Audiology*, 153, Hallym University, Chuchon, Korea.

[49] **Jungmee Lee**, Glenis Long, and Carrick Talmadge (2003). "The impact of cochlear fine structure on the use od DPOAE as a clinical tool," *Second eastern auditory regional meeting*, Children's hospital of Philadelphia, Philadelphia, PA.

[50] **Jungmee Lee** and Sid P. Bacon (1997). "Psychophysical suppression as a function of signal frequency," *J. Acoust. Soc. Am.* 101, S3148, Cincinnati, OH.

[51] Sid P. Bacon and **Jungmee Lee** (1MC Tm0 g0 G[(0).( )] TJETQ0.00000912 0 612 792 reW*nBT/F1 12 Tf1

"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	Ph.D. Dissertation	2006-2007
Robin Salman	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