JUNGMEE LEE, Ph.D.

University of South Florida
4202 E. Fowler Ave, PCD 1017
Tampa, FL 33620

Jungmeelee@usf.edu

EDUCATION

Ph.D., 1994, University of Florida, Department of Psychology, Gainesville, Florida.
- Advisor: Professor David M. Green.
- Dissertation: "Detection of a Mistuned Component in a Harmonic Complex"
- Major area: Experimental psychology, Hearing sciences, Psychoacoustics

B.A.,1988, Seoul National University, Department of Psychology, Seoul, Korea.

PROFESSIONAL EXPERIENCE

Audiology Program Director, 2018 - 2019, University of South Florida, Dept. of Communication Sciences and Disorders, Tampa, Florida

Research Associate Professor, 2017- present, University of South Florida, Dept. of Communication Sciences and Disorders, Tampa, Florida

Senior Scientist/Instructor, 2013-2017, University of Wisconsin at Madison, Dept. of Communication Sciences and Disorders, Madison, Wisconsin

Visiting Scholar, 2013-2014, Northwestern University, The Roxelyn & Richard Pepper Dept. of Communication Sciences and Disorders, Evanston, Illinois

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" (

(4) Robert A Lutfi, ᵛBriana Rodriguez, **Jungmee Lee**, Torben Pastore (2020). "A test of model classes accounting for individual differences in simulated cocktail-party listening" J. Acoust. Soc. Am. 148, 4014-4024. https://doi.org/10.1121/10.0002961 PMID: 33379927; PMCID: PMC7775115.

(5) ᵛBriana Rodriguez, B., **Jungmee Lee,** and Robert A. Lutfi (2020). "Additivity of segregation cues in simulated cocktail-party listening," J. Acoust. Soc. Am. 149, 82-86. https://doi.org/10.1121/10.0002991 PMID: 33514184; PMCID: PMC7787694.

(6) ᵛBriana Rodriguez, B., **Jungmee Lee,** and Robert A. Lutfi (2019). "Synergy of Spectral and

(15) ᵛJames Dewey, **Jungmee Lee**

(28) 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.

(29) 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,"

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

[3] ᵛJohn Sheets, **Jungmee Lee**, Joshua Hajicek, and Robert A. Lutfi (2020). "Cochlear contributions to differences in cocktail-party listening" American Auditory Society, Scottsdale, AZ

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

[5] ᵛJohn 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". Sponsored by the Knowles Hearing Center, Northwestern University.

[14] **Jungmee Lee**, Inseok Heo, Glenis Long, ᵛAn-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 ᵛAn-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] ᵛAn-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, ᵛ

[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," 2011American Auditory Society Scottsdale, AZ

[30] Wei Zhao, James Dewey, **Jungmee Lee**, and Sumitrajit Dhar (2011). "MOC-induced changes in stimulus frequency otoacoustic emissions," 2011 Midwinter Meeting for the Association for Research in Otolaryngology.

[31] Susan Richmond, Analydia Fulcher, Christopher Bergevin, , David Velenovsky, and **Jungmee Lee** (2010). "Exploring the interrelationships between spontaneous and low-level stimulus-frequency otoacoustic emissions," 2010 Midwinter Meeting for the Association for Research in Otolaryngology.

[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,"

[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** (1997). "Understanding why masking functions can change slope at high levels," American Speech-Language-Hearing Association Convention, November 20-23.

[52] Sid P. Bacon, Nicolas Grimault, and **Jungmee Lee** (1997). "Spectral integration and the detection of tones in modulated and unmodulated noise," Acoustical Society of America, December 1-5.

[53] Sid P. Bacon, **Jungmee Lee** , Daniel N. Peterson, and Dawne Rainey (1996). "Detection of tones in modulated noise: Effect of masker level and masker depth," J. Acoust. Soc. Am. 99, S2566, Indianapolis, IN.

[54] **Jungmee Lee** and Sid P. Bacon (1996). "Amplitude modulation depth discrimination of a sinusoidal carrier," J. Acoust. Soc. Am. 99, S2566, Indianapolis, IN.

[55] Sid P. Bacon and **Jungmee Lee** (1995). "Temporal resolution and CMR can depend upon frequency," J. Acoust. Soc. Am. 97, S3273, Philadelphia, PA.

[56] **Jungmee Lee** and David M. Green (1994). "Detection of a mistuned component in a harmonic complex," J. Acoust. Soc. Am. 95, S3004, Cambridge, MA.

RESEARCH GRANTS

FUNDED GRANTS

NIDCD R01 (DC001262-27), "Individual differences listening in noise in clinically-normal hearing adults," Co-Inverstigator, 7/1/2019 - 6/30/2024, $3,002,899.00 (total [direct + indirect]).

NIDCD R01 (DC001262-25), "Sound Source Segregation," Co-Inverstigator, 2013-2019 $1,840,850.00 (total [direct + indirect])

American Speech-Language-Hearing Foundation (New Century Scholars Program): "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.

MENTORED STUDENTS FOR AuD RESEARCH PROJECT

University of South Florida

Kelly Smith	2018-2019
Madeleine Berg	2018-2020
John Sheets	2018- 2021
Lindsey Kummerer	2020-present
Amm Yi Liang	2020-present
Sarah Grover	2021-present
Christa Fletcher	2021-present

University of Wisconsin-Madison

Eric Bostwick	2014-2016

Northwestern University

Carla Petersen	2010-2011
Tracey Moskatel	2011-2012
Claire Beers	2011-2012
Dani Wijnperle	2011-2012

			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