

JUNGMEE LEE, Ph.D.

University of South Florida
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Tampa, FL 33620

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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*49, 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) James Dewey, **Jungmee Lee**

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- (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 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 ^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 Heo, **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? 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 ^vCarla Pertersen (2011). “Dynamic Range Compression Effects on Modulation Detection Interference,” Acoustical Society of America Seattle, WA
- [27] ^vJames 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] ^wWei Zhao, ^vJames 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] ^wSusan Richmond, ^vAnalydia 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**, ¹Derek Edwards, ²Jennifer Andrews, and ³Heather 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**, ¹Derek Edwards, ²Jennifer, and ³Aileen Wong (2008). “Temporal Integration for AM rate discrimination: effect of carrier type,” American Auditory Society, Scottsdale, AZ
- [39] **Jungmee Lee**, ¹Derek Edwards, ²Jennifer, and ³Aileen Wong (2007). “Contribution of onset/offset information of modulation on AM depth discrimination,” American Auditory Society, Scottsdale, AZ
- [40] **Jungmee Lee**, Glenis Long, and ¹Changmo 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*, 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-Investigator, 7/1/2019 - 6/30/2024, \$3,002,899.00 (total [direct + indirect]).

NIDCD R01 (DC001262-25), "Sound Source Segregation," Co-Investigator, 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
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Northwestern University

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

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