

July, 2007

Jae Hee Lee, Ph.D Candidate

Department of Speech and Hearing Sciences, Indiana University
200 South Jordan Avenue, Bloomington, Indiana 47405, Tel: 812 855 2795 (SPL lab)
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Education

Indiana University, Bloomington, Indiana, 2003 - present

Doctoral studies, Major: Speech and Hearing Sciences

Minor: Cognitive Sciences

Grade :3.90/4.0

Hallym University, Korea, 2001 – 2003

Major: Audiology

M.S., June, 2003

Thesis: Lexical effect on spoken word recognition in young and old listeners with normal hearing and impaired hearing

Grade :4.36/4.5

Catholic University, Korea, 1996 - 2000

Major: French Literature and Language

B.A., February, 2000

Teacher's license in French

Grade :3.83/4.5

Research Experience

Indiana University, Bloomington, Indiana, 2007

Advisor: Dr. Larry E Humes

Ph. D Dissertation in process.

Indiana University, Bloomington, Indiana, 2007

Title: Quantitative and qualitative differences in understanding sentences interrupted with noise by young normal-hearing and elderly hearing-impaired listeners.

Advisor: Dr. Diane Kewley-Port and Larry. E. Humes

Status: Scheduled to be poster-presented at the Aging and Speech Communication Conference, Indiana University, Bloomington, IN, Oct. 7-10, 2007.

<http://www.indiana.edu/~ascpost/call.htm>

Indiana University, Bloomington, Indiana, 2006

Title: The use of subsegmental information in sentence comprehension with or without formant transitions by normal-hearing and hearing-impaired listeners.

Advisor: Dr. Diane Kewley-Port

Status: **1) In process to be submitted to J. Acoust. Soc. Am..**

2) Poster presented in December at the 4th joint meeting of the Acoustical Society of America and the Acoustical Society of Japan, Hawaii. [*J. Acoust. Soc. Am.*, 120, No. 5. 3347.]

Indiana University, Bloomington, Indiana, 2006

Title: Sentence comprehension when formant transitions are present or absent by normal-hearing and hearing-impaired listeners.

Advisor: Dr. Diane Kewley-Port

Status: Poster presented in May, 2006 at the 151th meeting of the Acoustical Society of America, Providence. [*J. Acoust. Soc. Am.*, 119, No. 5. 3340-3341.]

Indiana University, Bloomington, Indiana, 2005

Title: Thresholds for vowel formant discrimination using a sentence classification task.

Advisor: Dr. Diane Kewley-Port

Status: Poster presented in October, 2005 at the 150th meeting of the Acoustical Society of America, Minneapolis. [*J. Acoust. Soc. Am.*, 118, No. 3. 1929-1930.]

Indiana University, Bloomington, Indiana, 2005-2006

Title: Comparison of cues in auditory selective and divided attention

Advisor: Dr. Larry E Humes

Status: 1) Poster presented in May, 2005 at the 149th meeting of the Acoustical Society of America, Vancouver, Canada [*J. Acoust. Soc. Am.*, 117, No. 4., 2606.]

2) Poster presented at the Aging and Speech Communication Conference, Indiana University, Bloomington, IN, Oct. 9-12, 2005.

<http://www.indiana.edu/~ascpost/call.htm>

3) Published:

Humes, Larry E., Lee, Jae Hee., and Coughlin, Maureen P. (2006).

Auditory measures of selective and divided attention in young and older adults using single-talker competition. *The Journal of the Acoustical Society of America*, 120, pp. 2926–2937.

Indiana University, Bloomington, Indiana, 2005

Title: The influence of different native language systems on vowel discrimination and identification

Advisor: Dr. Diane Kewley-Port

Status: Presented by Dr. Diane Kewley-Port as invited presentation in a special session “Vowel Systems and Language Learners”, at the 149th meeting of the Acoustical Society of America, Vancouver, Canada. [*J. Acoust. Soc. Am.*, 117, No. 4. 2399]

Indiana University, Bloomington, Indiana, 2003-2004

Title: Contribution of consonant versus vowel information to sentence intelligibility by normal and hearing-impaired listeners

Advisor: Dr. Diane Kewley-Port, Dr. Larry Humes

Status: **1) Kewley-Port, D., Burkle, T.Z. and Lee, J. H. (2007).** Contribution of

consonant versus vowel information to sentence intelligibility for normal and hearing-impaired listeners. Submitted to *J. Acoust. Soc. Am.*

2) Poster presented in May, 2004 at the 147th meeting of the Acoustical Society of America, New York. [*J. Acoust. Soc. Am.*, 115, No. 4., 2601]

Hallym University, Korea, 2003

Master's Thesis: Lexical effect on spoken word recognition in young and old listeners with normal hearing and impaired hearing

Advisor: Dr. Jin Sook Kim

Status: **1) In process to be submitted to *International Journal of Audiology, 2007***

2) Poster presented as Audiology Poster in November, 2005 at the meeting of the *American Speech-Language-Hearing Association (ASHA)*, San Diego

3) Poster presented at the meeting of the [*Korean Association of Audiology*](#), Seoul, Korea.

4) Presented as oral presentation in October, 2003 at the 77th Congress of [*Korean Society of Otolaryngology*](#), Chejudo Island, Korea.

Work Experience

Indiana University, Department of Speech and Hearing Science

Bloomington, Indiana, Summer I, 2007

Instructor, Summer I. S577 Industrial Audiology

Indiana University, Department of Speech and Hearing Science

Bloomington, Indiana, 2003 - present

Research Assistant, Speech Psychophysics Lab and Audiology Research Lab

Design and conduct research, data analysis and interpretation, journal publication.

Dongsan Hearing and Speech Center, Seoul, Korea, 2002 - 2003

Audiologist

Provided hearing aid services, hearing tests and auditory training

Hallym University, Seoul, Korea, 2002

Research Assistant, Institute of Audiology and Speech pathology

Advisor: Dr. Jung Hak Lee

Translated English into Korean for "Korean Audiology Dictionary"

Nambuk Aural Rehabilitation Center, Seoul, Korea, 2001

Audiologist Assistant

Assisted in audiological services

Songsim Girls' High School, Seoul, Korea, 2000

Taught French as a student teacher

Teaching Experience

S577 Industrial Audiology, Summer I, 2007

Responsibilities as Instructor

The three highest rated items from "Course and Instructor Evaluation"

“My instructor organized this course well.”
“My instructor is well prepared for class meetings.”
“My instructor is knowledgeable on course topics.”

S474 Introduction to Audiological Testing, 2006

Professor: Dr. Jennifer J Lentz

Responsibilities as a guest lecturer:

Lectures on Speech Audiometry : Rationale, Stimuli and measurement in fall, 2006.

S319/S519 Mathematical Foundations of Speech and Hearing, 2004-2006

Professor: Dr. Diane Kewley-Port <http://www.indiana.edu/~acoustic/s319/s319home.html>

Responsibilities as a guest lecturer:

- 1) Lectures on logarithms, decibels and the auditory system in fall 2004
- 2) Lectures on sound, sine functions, logarithms, and decibel in spring 2005.
- 3) Lectures on sound introduction of linear system, the auditory system, and the sound transfer functions in fall 2005.
- 4) Lecture on exponents, logarithms and physical units for decibels in spring 2006.
- 5) Lectures on the mathematical expression, exponents, logarithms and physical units for decibels in fall 2006.

Certified English Proficiency for International AI, Indiana University, 2005

: *Test of English Proficiency for International Associate Instructor Candidates* (TEPAIC)
<http://www.indiana.edu/~deanfac/tepaic/>

Research Publications

Lee, J. H., and Diane Kewley-Port. (2007). The use of subsegmental information in sentence comprehension with or without formant transitions by normal-hearing and hearing-impaired listeners. In progress to be submitted to *Journal of the Acoustical Society of America*.

Kewley-Port, D., Burkle, T.Z. and **Lee, J. H.** (2007). Contribution of consonant versus vowel information to sentence intelligibility for normal and hearing-impaired listeners. In revision, Submitted to *Journal of the Acoustical Society of America*.

Humes, Larry E., **Lee, J. H.**, and Coughlin, Maureen P. (2006). Auditory measures of selective and divided attention in young and older adults using single-talker competition. *Journal of the Acoustical Society of America*, 120, pp. 2926–2937.

Research Presentations

Lee, J. H., Diane Kewley-Port., and Humes, L. E. (2007). Quantitative and qualitative differences in understanding sentences interrupted with noise by young normal-hearing and elderly hearing-impaired listeners. Scheduled to be poster-presented at the Aging and Speech Communication Conference, Indiana University, Bloomington, IN, Oct. 7-10, 2007. <http://www.indiana.edu/~ascpost/call.htm>

Lee, J. H., and Diane Kewley-Port. (2006). The use of subsegmental information in

sentence comprehension with or without formant transitions by normal-hearing and hearing-impaired listeners. Presented in December at the 4th joint meeting of the Acoustical Society of America and the Acoustical Society of Japan, Hawaii. [*J. Acoust. Soc. Am.*, 120, No. 5. 3347.]

Lee, J. H., and Diane Kewley-Port. (2006). Sentence comprehension when formant transitions are present or absent by normal-hearing and hearing-impaired listeners. Presented in May at the 151th meeting of the Acoustical Society of America, Providence. [*J. Acoust. Soc. Am.*, 119, No. 5. 3340-3341.]

Lee, J. H., and Kim, J. S. (2005). Lexical effects on Korean word recognition: Hearing status & Age. Presented in Audiology Poster at ASHA Convention, San Diego, Nov, 2005. <http://convention.asha.org/handouts.cfm>

Kewley-Port, D., Oglesbee, E. and **Lee, J.H.** (2005). Thresholds for vowel formant discrimination using a sentence classification task. Presented in October at the 150th meeting of the Acoustical Society of America, Minneapolis. [*J. Acoust. Soc. Am.*, 118, No. 3. 1929-1930.]

Lee, J. H., Coughlin, M., and Humes, L. E. (2005). Comparison of cues in auditory selective and divided attention. Poster presented at the Aging and Speech Communication Conference, Indiana University, Bloomington, IN, Oct. 9-12, 2005. <http://www.indiana.edu/~ascpost/call.htm>

Lee, J. H., and Humes, L. E. (2005). Comparison of cues in auditory selective and divided attention. Presented in May at the 149th meeting of the Acoustical Society of America, Vancouver, Canada. [*J. Acoust. Soc. Am.*, 117, No. 4., 2606.]

Burkle, T. Z., Kewley-Port, D., Humes, L.E., and **Lee, J.H.** (2004). Contribution of consonant versus vowel information to sentence intelligibility by normal and hearing-impaired listeners. Presented in May at the 147th meeting of the Acoustical Society of America, New York. [*J. Acoust. Soc. Am.*, 115, No. 4., 2601]

Lee, J.H., Kim, J.S., Lee, K.W., and Han, W.J. (2004). Lexical effects on word recognition among young and old listeners with normal and impaired hearing. Presented as poster in May at the meeting of the [Korean Association of Audiology](#), Seoul, Korea.

Kim, J.S., **Lee, J. H.**, and Lee, J. H. (2003). Lexical effects on word recognition among young and old listeners with normal and impaired hearing. Presented as oral presentation in October at the 77th Congress of [Korean Society of Otolaryngology](#), Chejudo Island, Korea.

Lee, J.H., Bahang, J.H., and **Lee, J. H.** (2003). The Korean word discrimination test by pictures. Presented as oral presentation in April at the convention of the [American Academy of Audiology](#), San Antonio.

**Honors
and Awards**

Chancellor's Fellowship, University Graduate School, Indiana University, 2003-2008
Graduate Student Travel Grants, College of Arts and Sciences, October, 2006
Graduate Student Travel Grants, College of Arts and Sciences, May, 2005
Travel Grant, Women's Affairs and Women and Science, May, 2004
Travel Award, for the 147th meeting of the Acoustical Society of America, May, 2004
Graduate Merit Scholarship, Hallym University of Korea (3 semesters), 2001-2002
Undergraduate Merit Scholarship, Catholic University of Korea (3 semesters), 1997-1999

**Professional
Memberships**

The National Student Speech Hearing Language Association (NSSHLA), 2005.
<http://www.nsslha.org/nsslha/>
The Indiana Speech Language Hearing Association (ISHA), 2005
American Auditory Society, 2004 – present <http://www.amauditorysoc.org/about/>
Acoustical Society of America, 2004 – present <http://asa.aip.org/>
The Korean Association of Speech Sciences, 2003 <http://www.speechsciences.org/>
The Korean Association of Speech-Language pathologists and Audiologists (KASLA), 2001- present <http://www.kasla.or.kr/>