

# CURRICULUM VITAE

## Jiyeon Lee, Ph.D., CCC-SLP

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College of Health and Human Sciences  
Department of Speech, Language, and Hearing Sciences

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### Academic Record

- Ph.D. Communication Sciences and Disorders, Northwestern University, 2011  
With Master's clinical training in Speech Language Pathology
- M.A. Linguistics, University of Wisconsin-Milwaukee, Wisconsin, 2004
- B.A. English language and literature, Ajou University, Suwon, South Korea  
Graduated *summa cum laude* in the College of Humanities and Liberal Arts, 2000

### Academic Appointments

- 2020 - present Associate Professor, Department of Speech, Language, and Hearing Sciences, Purdue University
- 2013 – 2020 Assistant Professor, Department of Speech, Language, and Hearing Sciences, Purdue University
- 2013 – present Faculty Associate, Center for Aging and the Life Course (CALC), Purdue University

### Clinical Appointment & Certifications

- 2012 – present Certificate of Clinical Competence, American Speech-Language-Hearing Association
- 2012 – 2013 Clinical Fellow, Speech-Language Pathology, Kindred Health Care, Streamwood, Illinois
- 2012 – 2013 Illinois State Speech-Language Pathology License

### Selected Awards & Honors

- 2022 HHS Early Research Career Award, Purdue University
- 2019 Rising Star Lecture Series Honoree, San Diego State University
- 2018 Invited grant reviewer trainee, Grant Review and Reviewer Training program, American Speech-Language Hearing Association
- 2018 Invited successful alumni speaker, Lessons for Success, American Speech-Language-Hearing Association
- 2016 Invited faculty attendee, Lessons for Success, American Speech-Language-Hearing Association
- 2014 Advancing Academic Research Career Award, American Speech-Language-Hearing Association

### Membership in Professional Organizations

- 2018 - present Member, Academy of Aphasia
- 2013 - present Member, American Speech-Language-Hearing Association

### Publications & Presentations

#### Peer-Reviewed Journal Publications

[Superscript numbers indicate student mentees: 1 = undergraduate student, 2 = graduate student]

1. Lee, J. (2020). Effect of lexical accessibility on syntactic production in aphasia: an eyetracking study. *Aphasiology*, 34, 391-410.
2. Man, G.<sup>2</sup>, Meehan, S., Martin, N., Branigan, H., & Lee, J. (2019). Effects of verb overlap on structural priming in dialogue: implications for syntactic learning in aphasia. *Journal of Speech, Language, and Hearing Research*, 62, 1933-1950.
3. Alvar, A.<sup>2</sup>, Lee, J., & Huber, J. (2019). Filled pauses as a special case of automatic speech behaviors and the effect of Parkinson's disease. *American Journal of Speech Language Pathology*. 28 (2S), 835-843
4. Lee, J., Hosokawa, E.<sup>2</sup>, Meehan, S., Martin, N., & Branigan, H. (2019). Priming sentence comprehension in aphasia: Effects of lexically independent and specific structural priming. *Aphasiology*. 33, 780-802.
5. Lee, J., Man, G.<sup>2</sup>, Ferreira, V., & Gruberg, N. (2019). Aligning sentence structures in dialogue: evidence from aphasia. *Language, Cognition, and Neuroscience*, 34, 720-735.
6. Lee, J., Huber, J., Dick, J.<sup>2</sup>, & Frederick, J.<sup>2</sup> (2019). Language planning and pauses in story retell: evidence from aging and Parkinson's disease. *Journal of Communication Disorders*, 79, 1-10.
7. Dick, J.<sup>2</sup>, Fredrick, J.<sup>2</sup>, Man, G.<sup>2</sup>, Huber, J., & Lee, J. (2018). Sentence production in Parkinson's disease. *Clinical Linguistics and Phonetics*, 32, 804-822.
8. Lee, J., & Man, G.<sup>2</sup> (2017). Language recovery following implicit structural priming in aphasia: a case study. *Aphasiology*, 31, 1441-1458.
9. Lee, J. (2017). Time course of lexicalization during simple sentence production in Parkinson's disease: eyetracking while speaking. *Journal of Speech, Language, and Hearing Research*, 60, 924-936.

10. Lee, J., Yoshida, M., & Thompson, C. K. (2015). Grammatical planning units during real-time sentence production in agrammatic aphasia and healthy speakers. *Journal of Speech, Language, and Hearing Research*, 58, 1182-1194.
11. Lee, J., & Thompson, C. K. (2015). Phonological facilitation effects on naming latencies and viewing times during noun and verb naming in agrammatic and anomia aphasia. *Aphasiology*, 29, 1164-1188.
12. Lee, J., Kwon, M., Na, H-R., Bastiaanse, R., & Thompson, C. K. (2013). Production and comprehension of time reference in Korean nonfluent aphasia. *Communication Sciences & Disorders*, 18, 1-13.
13. Thompson, C. K., Meltzer-Asscher, A., Cho, S., Lee, J., Wieneke, C., Weintraub, S., & Mesulam, M-M. (2013). Syntactic and morphosyntactic processing in stroke-induced and primary progressive aphasia. *Behavioural Neurology*, 25, 1-20.
14. Lee, J., & Thompson, C. K. (2011). Real-time production of arguments and adjuncts in normal and agrammatic speakers. *Language and Cognitive Processes*, 26, 985-1021.
15. Lee, J., & Thompson, C. K. (2011). Real-time production of unergative and unaccusative sentences in normal and agrammatic speakers: an eyetracking study. *Aphasiology*, 25, 813-825.
16. Bastiaanse, R., Bamyaci, E., Hsu, C-J., Lee, J., Yarbay Duman, T., & Thompson, C. K. (2011). Time reference in agrammatic aphasia: a cross-linguistic study. *Journal of Neurolinguistics*, 34, 652-673.
17. Perrachione, T. K., Lee, J., Ha, L.Y.Y., & Wong, P.C.M. (2011). Learning novel phonological contrasts depends on interactions between individual differences and training paradigm design. *Journal of the Acoustical Society of America*, 130, 461-472.
18. Lee, J., Milman, L.H., & Thompson, C.K. (2008). Functional category production in English agrammatism. *Aphasiology*, 22, 893-905.

#### **Published Aphasia Assessment Battery**

Lee, J., & Thompson, C. K. (2017). *Northwestern Assessment of Verb Inflection (NAVI)*. The Northwestern University Publisher, Evanston, IL, USA. <https://flintbox.com/public/project/31565/>

#### **Selected Conference Presentations**

1. Keen, A.<sup>2</sup>, Bauman, E., & Lee, J. (2021). TelePriming sentence production in aphasia: a feasibility study. Virtual poster presented at *Annual Meeting of the Academy of Aphasia* [**Mentee awarded with Young Investigator Fellowship**].
2. Man, G.<sup>2</sup>, Bauman, E., Martin N., & Lee, J. (2021). Implicit syntactic learning in aphasia: evidence from cumulative structural priming in dialogue. Virtual poster to be presented at *Clinical Aphasiology Conference*. [**Mentee awarded with NIDCD research symposium fellowship**]
3. Keen, A.<sup>2</sup>, Man, G.<sup>2</sup>, & Lee, J. (2020). Visual attention influences word order choice in aging and aphasia: evidence from eyetracking. Virtual poster presented at *Annual Meeting of Academy of Aphasia*.
4. Lee, J., Man, G.<sup>2</sup>, & Bauman, E. (2020). Facilitating sentence production in aphasia: effect of repetition on immediate and longer-term structural priming. Virtual poster presented at *Annual Meeting of Academy of Aphasia*.
5. Lee, J., Man, G.<sup>2</sup>, Martin, N., Branigan, H. (2019). Using structural priming to facilitate immediate and lasting improvement of sentence processing in aphasia. Oral seminar presented at *American Speech-Language-Hearing Association Convention*, Orlando, FL.
6. Man, G.<sup>2</sup>, & Lee, J. (2019). Facilitating sentence production in aphasia: Effects of prime repetition on structural priming. Paper presented at *American Speech-Language-Hearing Association Convention*, Orlando, FL.
7. Lee, J., Man, G.<sup>2</sup>, Hosokawa, E.<sup>2</sup>, Meehan, S., Martin, N., & Branigan, H. (2018). Mechanisms of syntactic learning in aphasia: evidence from lexically specific and independent structural priming. Paper presented at *Annual Meeting of the Academy of Aphasia*, Montreal, Canada.
8. Man, G.<sup>2</sup>, Branigan, H., & Lee, J. (2018). Effects of verb overlap on immediate and lasting structural priming in healthy aging and aphasia. Poster presented at *Clinical Aphasiology Conference*, Austin, TX. [**Mentee awarded with NIDCD research symposium fellowship**]
9. Lee, J., Man, G.<sup>2</sup>, & Frederick, J.<sup>2</sup> (2018). Impact of aging and aphasia on incremental sentence production: Eyetracking while speaking. Poster presented at *Clinical Aphasiology Conference*, Austin, TX.
10. Alvar, A. M., Huber, J. E., & Lee, J. (2018). Impact of Parkinson's on use of meaningful speech automatism. Poster presented at *Motor Speech Conference*. Savannah, GA.
11. Lee, J., Man, G.<sup>2</sup>, Ferreira, V., & Gruberg, N. (2017). Aligning sentence structures in a language game: evidence from healthy aging and aphasia. Paper presented at *Annual Meeting of Academy of Aphasia*, Baltimore, MD.
12. Lee, J., Man, G.<sup>2</sup>, & Frederick, J.<sup>2</sup> (2017). Effects of attentional and lexical priming on syntactic production in aphasia: eye-tracking while speaking. Poster presented at *Annual Meeting of Academy of Aphasia*, Baltimore, MD.
13. Man, G.<sup>2</sup>, Hosokawa, E.<sup>2</sup>, Branigan, H. & Lee, J. (2017). Priming sentence production and comprehension in aging. Poster presented at *Society for Neurobiology of Language Meeting*, Baltimore, MD.

14. Lee, J., Man, G.<sup>2</sup>, & Fredrick, J.<sup>2</sup> (2017). Impact of aging and aphasia on incremental sentence production: eyetracking while speaking. Poster presented at *Society for Neurobiology of Language Meeting*, Baltimore, MD.
15. Dick, J.<sup>2</sup>, Fredrick, J.<sup>2</sup>, Huber, J. E., & Lee, J. (2016). Impact of aging and Parkinson's disease on coordination between pauses and language production. Poster presented at *American Speech-Language-Hearing Association Convention*, Philadelphia, PA.
16. Man, G.<sup>2</sup> & Lee, J. (2016). Language recovery in aphasia following implicit structural priming. Poster presented at *Annual Meeting of Academy of Aphasia*, Llandudno, Wales, U.K.
17. Lee, J., Kumar, S., Dick, J.<sup>2</sup>, Ferreira, V., & Gruberg, N. (2016). Syntactic entrainment in aging and aphasia, Poster presented at *Annual Meeting of the Academy of Aphasia*, Llandudno, Wales, U.K.
18. Man, G.<sup>2</sup> & Lee, J. (2016). Feasibility and efficacy of structural priming treatment to improve language production in aphasia. Poster presented at *American Speech-Language-Hearing Association Convention*, Philadelphia, PA.
19. Fredrick, J.<sup>1</sup>, Dick, J.<sup>2</sup>, & Lee, J. (2016). Morpho-syntactic production in Parkinson's disease and agrammatic aphasia. Poster presented at *American Speech-Language-Hearing Association Convention*, Philadelphia, PA. [**Selected as one of the top 10 undergraduate research posters, Promoting the Next Generation of Researchers (PROGENY) Award**]
20. Lee, J. (2015). Effects of aphasia and Parkinson's disease on the time course of lemma selection during sentence production: evidence from eyetracking. Poster presented at *Annual Meeting of Academy of Aphasia*, Tucson, AZ.
21. Coffey, E.<sup>2</sup>, Gray, S. L.<sup>2</sup>, Nieman, P.<sup>2</sup>, Prause, E.<sup>2</sup>, Yu, D.<sup>2</sup>, & Lee, J. (2014). The gist of aging: a review of normal communicative changes in the aging population. Poster presented at *American Speech-Language-Hearing Association Convention*, Orlando, FL.

### **Invited Lectures**

- 2021 Using structural priming to facilitate sentence processing in aphasia. Ewha Womens' University, South Korea
- 2019 Structural priming in aphasia: Implications for syntactic learning, *Rising Stars Lecture Series*, San Diego State University, CA.
- 2019 Priming sentence comprehension and production in aphasia: Implications for syntactic learning, Temple University, PA.
- 2018 Lessons learned. Invited successful alumni presentation at *ASHA Lessons for Success Meeting*, Rockville, MD.
- 2018 Communication difficulties in stroke survivors and Purdue Aphasia Group. Invited workshop at *The 105<sup>th</sup> Annual Home and Family Conference*, Indianapolis, IN.
- 2018 Aphasia and related communication disorders. Invited presentation at *Indiana Kiwanis Club*, Crawfordsville, IN.
- 2017 Communication difficulties in stroke survivors and resources available at Purdue University. Webinar provided for Purdue HHS Extension Educators across Indiana counties, IN.
- 2017 Assessment and treatment of sentence production in aphasia. *Iowa Conference of Communication Sciences and Disorders*, University of Northern Iowa, IA.
- 2015 Effects of agrammatic aphasia and Parkinson's disease on sentence planning units. *Center for Aging and Life Course Colloquium*, Purdue University, IN.
- 2015 Sentence production in aphasia: theory, evidence, and recovery. *Indiana Speech and Hearing Association (ISHA) Convention*, Indianapolis, IN.

## **Grant Support**

### **Funded Extramural Grants**

1. Agency/Title of Grant: NIH-NIDCD R01/Implicit Structural Priming as a Treatment Component in Aphasia  
Duration: 8/2021-5/2026 (5 years)  
Total amount of award: \$3,109,320  
Role: PI
2. Agency/Title of Grant: Korean National Research Foundation/Tele-Assessment of Language Processing in Aging Using Lexical Priming: a Korean-English Cross-linguistic Study  
Duration: 12/2020-11/2021  
Total amount of award: 30,000,000 KRW (approximately \$26,246 in USD)  
Role: Co-I (PI: Jee Eun Sung)
3. Agency/Title of Grant: NIH-NIDCD Early Research Career Award R21/Word- and Structure-driven Sentence Production in Aphasia  
Duration: 12/2017-11/2022 (with no cost extension)  
Total amount of award: \$447,858  
Role: PI

4. Agency/Title of Grant: American Speech-Language-Hearing Foundation, New Investigators Research Grant/Tracking the Time Course of Sentence Production in Parkinson's disease  
Duration: 12/2014-06/2016  
Total amount of award: \$10,000  
Role: PI
5. Agency/Title of Grant: American Speech-Language-Hearing Association/ Advancing Academic-Research Career Award  
Duration: 9/2014 -3/2016  
Total amount of award: \$5,000  
Role: PI
6. Agency/Title of Grant: IU Health Arnett Community Health Impact Fund/ Purdue Aphasia Boot Camp  
Duration: 12/2016-12/2017  
Total amount of award: \$5,000  
Role: Co-PI (Co-PI: Michelle Gutmann)

#### **Funded Intramural Grants**

1. Agency/Title of Grant: Purdue Research Foundation Grant/ Facilitating sentence comprehension in aphasia: evidence from event-related potentials.  
Duration: 2017-2018  
Total amount of award: \$29,719 (declined)  
Role: PI (student mentee: Grace Man)
2. Agency/Title of Grant: Purdue Research Foundation Summer Faculty Grant/ Implicit syntactic learning in stroke-induced aphasia  
Duration: Summer, 2017  
Total amount of award: \$8,000  
Role: PI
3. Agency/Title of Grant: Purdue Institute for Integrative Neuroscience/ Neuro Seed Grant for purchasing a MR-safe microphone  
Duration: 7/1/2016-6/30/2017  
Total amount of award: \$11,500  
Role: Co-I (Co-PI's: Sebastian Helie, Jessica Huber)
4. Agency/Title of Grant: Center for Research on Brain, Behavior, and Neurorehabilitation (CEREBBRAL)/Pilot Seed Grant: Cognitive Card Game Training in Persons with Parkinson's disease  
Duration: 01/2017 – 12/2017  
Total amount of award: \$2,000  
Role: Co-I (PI: Jessica Huber)

#### **Pending Grants**

1. Agency/Title of Grant: NIH-NIDCD P50/ Consortium for aphasia intervention and implementation (CAIDI)  
Outcome: Impact Score 54 (initial submission: June 21; planned resubmission June 22)  
Total amount of award: \$11,658,208 (5 years)  
Role: PI of project 2 R01 (\$1,956,273)
2. Agency/Title of Grant: NIH-NIDCD R01/ Toward a speech rehabilitation model for linguistically and culturally minor groups: Foreign born immigrants  
Outcome: Under review/submitted in Oct, 2021  
Total amount of award: \$ 921,258  
Role: Co-I (PI: Yungjung Kim)

#### **Research Mentorship**

Post-doctoral Trainee: Josh Weirick, PhD, 2021-present

#### **Doctoral Students, n = 4**

Jyotsna Krishnakumar, SLHS (Major Professor), 2021-present  
Grace Man, SLHS (Major Professor), 2016-present  
Ann Alvar, SLHS (Committee Member; J. Huber, Major Professor), 2017-present  
Ranjini Mohan (Committee Member; C. Weber, Major Professor), 2014-2017

#### **Master's Thesis Students, n = 8**

Austin Keen (Major Professor), 2020-present  
Briana Cox (Major Professor), 2018-2021  
Ellis Farr (Major Professor), 2018-2020  
Emily Hosokawa (Major Professor), 2016-2018  
Julia Bergman (Committee Member; J. Huber, Major Professor), 2016-2018  
Yamini Balasubramanian (Committee Member; M. Gutmann, Major Professor), 2016-2018  
Kara Simon (Committee Member; J. Huber, Major Professor), 2015-2017  
Mallory Rotondo (Committee Member; B. Keehn, Major Professor), 2015-2017

Undergraduate Research Students: a total of 25 students since 2013, minimum 2 semesters/student

#### Mentored Student Awards & Honors

Austin Keen 2021 Young Investigator Fellowship, *Academy of Aphasia*  
Briana Cox 2019 Students Preparing for Academic-Research Careers (SPARC) Award, *American Speech-Language-Hearing Foundation*  
2019 Minority Student Leadership Program Award, *American Speech-Language Hearing Association*  
Grace Man 2022 Bilsland Dissertation Fellowship, Purdue University  
2020, 2018 NIH NIDCD research symposium fellowship, *Clinical Aphasiology Conference*  
2019 Purdue Research Foundation Research Grant for Dissertation Research  
2018 Compton Graduate Student Research Travel Award, Purdue University  
Jennifer Fredrick 2018 Compton Graduate Student Research Travel Award, Purdue University  
2016 PROMoting the Next GENERation of Researchers (PROGENY) Award, *American Speech-Language-Hearing Association*

#### **Courses Taught**

Undergraduate: Speech-Language Disorders in Health Care Settings, Purdue University  
Introduction to Research in Communication Sciences and Disorders, Purdue University

Graduate: Language Disorders in Adults, Purdue University  
Advanced Topics in Aging and Communication, Purdue University  
Functional Neuroanatomy, Northwestern University (co-instructor)

#### **Professional Service & Development**

##### Journal Reviewer

*Aphasiology; Cortex; Language, Cognition, and Neuroscience; Journal of Neurolinguistics; American Journal of Speech-Language-Pathology; Journal of Speech, Language, and Hearing Sciences; Journal of Communication Disorders; Journal of Psycholinguistic Research; Journal of Cultural Cognitive Science; Disability and Rehabilitation; Quarterly Journal of Experimental Psychology; Brain & Language*

##### Grant Reviewer

2017 American Speech-Language-Hearing Foundation, Students Preparing for Academic & Research Careers (SPARC) Award  
2018 American Speech-Language-Hearing Foundation, New Investigator's Research Grants  
2018 American Speech-Language-Hearing Foundation, New Century Scholar's Research Grants  
2020 American Speech-Language-Hearing Foundation, Researcher-Practitioner Collaboration Grant

##### Other Service

2019 Invited research round table host, *First Steps to Funding Your Research*, American-Speech-Language-Hearing Association (ASHA) Convention, Orlando, Florida.  
2021-2022 Program Committee Member, Clinical Aphasiology Conference

##### Community Service & Engagement

2014 - 2015 Co-leader, Lafayette Aphasia Support Group, Lafayette Regional Rehab Hospital, Lafayette, IN.  
2017 - present Co-founder, Summer Aphasia Boot Camp, Purdue University, West Lafayette, Indiana  
2017 - present Co-founder, Aphasia Support Group, Purdue University, West Lafayette, Indiana  
2017 - 2021 Co-PI, Indiana Aphasia Bank: Statewide aphasia research registry