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Ph.D. Student  
Cognitive Science Program  
College of Arts and Sciences  
Indiana University Bloomington  
E-mail: yeolim@iu.edu

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## EDUCATION

**2024–2029 (Expected)** **Ph.D. Student in Cognitive Science**  
Minor: Psychology  
Indiana University Bloomington  
Advisor: Dr. Andrew Goldman

**2018–2024** **Doctor of Musical Arts in Musicology**  
Seoul National University  
Thesis: *Cognitive Strategies of Sight-Reading in Piano Performance: Adapting the Eye–Hand Span*  
Advisor: Dr. Hee Sook Oh  
Graduated first in class

**2016–2018** **Master of Music in Musicology**  
Seoul National University  
Thesis: *A Cognitive Model of Sight-Reading as the Eye-Ear-Hand Collaborative Processes*  
Advisor: Dr. Suk Won Yi

**2011–2015** **Bachelor of Music in Musicology**  
Seoul National University  
Thesis: *The Science and Psychology of Sight-Reading Performance*  
Advisor: Dr. Suk Won Yi  
Graduated *cum laude*

## PUBLICATIONS

**Lim, Y., & Hwang, M.** (Submitted). Agreement of keratometry measurements for toric IOL planning in routine clinical practice: KR-800, IOLMaster 500, and Pentacam HR.

**Lim, Y., & Goldman, A.** (Under review). Visual processing of musical syntax and its relationship to sight-reading ability.

Goldman, A., Nozari, N., **Lim, Y.**, & Kibler, M. (2025). “Hearing as”: Knowledge of syntactic structure affects ERP components for musical expectation. *Journal of Cognitive Neuroscience*, 1–14. <https://doi.org/10.1162/JOCN.a.2404>

Goldman, A., **Lim, Y.**, Kibler, M., & Nozari, B. (2025). “Hearing as”: Prior knowledge of syntactic structure affects ERP components for musical expectation. In *Proceedings of the 47th Annual Conference of the Cognitive Science Society*. San Francisco, CA, USA.

**Lim, Y.**, Park, J. M., Rhyu, S. Y., Chung, C. K., Kim, Y., & Yi, S. W. (2019). Eye-Hand Span is not an Indicator of but a Strategy for Proficient Sight-Reading in Piano Performance. *Scientific Reports*, 9(1), 17906. <https://doi.org/10.1038/s41598-019-54364-y>

**Lim, Y.** (2019). Toward the Future of the Cognitive Sciences of Music: A Conference Report for the 2019 Biennial Meeting of the Society for Music Perception and Cognition. *Journal of the Musicological Society of Korea*, 22(2), 197–208.

**Lim, Y.** (2019). A Conference Report for a Joint Conference on “Feel the Music”: Celebrating 20 Years of the Korean Society for Music Perception and Cognition. *Journal of the Musicological Society of Korea*, 22(1), 277–293.

**Lim, Y.**, Rhyu, S., Lee, K. M., Lee, K., Park, J., & Yi, S. W. (2016). The Influence of Preliminary Listening and Complexity Level of Music on Sight-Reading Performance. In *Proceedings of the 14th International Conference on Music Perception and Cognition* (pp. 567–570). San Francisco, CA, USA.

Lee, K. M., Barrett, K. C., Kim, Y., **Lim, Y.**, & Lee, K. (2015). Dance and Music in Gangnam Style: How Dance Observation Affects Meter Perception. *PLOS ONE*, 10(8): e0134725. <https://doi.org/10.1371/journal.pone.0134725>

## CONFERENCE PAPERS AND PRESENTATIONS

### International

**Lim, Y.**, & Goldman, A. (July 2025). Does Syntax Processing Predict Sight-Reading Proficiency in Pianists? 18<sup>th</sup> International Conference on Music Perception and Cognition, São Paulo, Brazil.

**Lim, Y.**, & Yi, S. W. (October 2019). The Interrelation Among Musical, Physiological, and Behavioral Domains of Music Sight-Reading in Professional Pianists. Fifth Biennial Conference of the International Musicological Society Regional Association for East Asia, Suzhou, China.

**Lim, Y.**, Popkin, J., & Yi, S. W. (August 2019). Variations on a Theme of Eye-Hand Span: An Integrated Perspective on Sight-Reading Skills. The 2019 Biennial Meeting of the Society for Music Perception and Cognition, New York, NY, USA. (Awarded “SMPC Travel Award”).

**Lim, Y.**, & Yi, S. W. (February 2019). From Eyes to Hands: Interrelation between Music, Physiological, and Behavioral Domains of Sight-Reading in Professional Pianists. Semiannual Meeting of the Northeast Music Cognition Group, Harvard University, Cambridge, MA, USA.

**Lim, Y.**, & Yi, S. W. (July 2018). A Cognitive Model of Sight-reading as the Ear-Eye-Hand Collaborative Processes. 15<sup>th</sup> International Conference on Music Perception and Cognition, 10<sup>th</sup> Triennial Conference of the European Society for the Cognitive Sciences of Music, Graz, Austria. (**Awarded “SEMPRE Award”**).

**Lim, Y.**, & Yi, S. W. (August 2017). Physiological Investigation of Sight-Reading and Its Variable Factors. 6<sup>th</sup> Asia-Pacific Society for the Cognitive Sciences of Music, Kyoto, Japan.

**Lim, Y.**, Rhyu, S., Lee, K. M., Lee, K., Park, J., & Yi, S. W. (July 2016). The Influence of Preliminary Listening and Complexity Level of Music on Sight-Reading Performance. 14<sup>th</sup> International Conference on Music Perception and Cognition, San Francisco, CA, USA.

Lee, K. M., Kim, Y., **Lim, Y.**, & Lee, K. (August 2015). Cross-Modal Association of Visual Dance and Meter. Society for Music Perception and Cognition, Nashville, TN, USA.

### National

**Lim, Y.** (November 2019). Sight-Reading Strategies of Professional Pianists: What and How Do They Read?. The 63<sup>rd</sup> Meeting of the Korean Society for Music Perception and Cognition, Seoul National University, Seoul, Korea.

**Lim, Y.** (November 2019). Integrated Perspectives on Sight-Reading Skills: An Eye Tracking Study. Symposium on Music Performance Studies with Professor John Rink, Western Music Research Institute, Seoul National University, Seoul, Korea.

**Lim, Y.** (November 2018). The Science and Psychology of Music Sight Reading. The 20<sup>th</sup> Anniversary Conference of the Korean Society for Music Perception and Cognition, Hanyang University, Seoul, Korea.

**Lim, Y.** (November 2018). Cognitive Processes of Music Sight Reading: Theory and Evidence. Music Theory and Cognition: Symposium with Dr. Robert Gjerdingen, Western Music Research Institute, Seoul National University, Seoul, Korea.

**Lim, Y.** (May 2017). From Eyes to Hands: Physiological Mechanisms of Sight-Reading and Variable Factors. The 81<sup>st</sup> Conference of the Musicological Society of Korea, Hanyang University, Seoul, Korea. (**Awarded “Outstanding Paper Award,” the Musicological Society of Korea**).

**Lim, Y.** (May 2016). Effects of Preliminary Listening and Musical Texture on Sight-Reading Proficiency. The 56<sup>th</sup> Meeting of the Korean Society for Music Perception and Cognition, Seoul National University, Seoul, Korea.

## AWARDS AND HONORS

Fall 2025	<b>Gene Branigin Fellowship (\$12,000)</b> , College of Arts and Sciences, Indiana University.
Spring 2025	<b>Louise McNutt Fellowship (\$11,500)</b> , College of Arts and Sciences, Indiana University.
Fall 2024	<b>IU Graduate Fellowship (\$11,500)</b> , Cognitive Science Program, Indiana University.
August 2019	<b>Student Travel Award</b> , Society for Music Perception and Cognition.
2019–2020	<b>Emerging Scholar in Basic Sciences and Humanities Award</b> , Seoul National University. ( <i>Awarded grants of \$20,000, President of Seoul National University, February 2019</i> )
July 2018	<b>SEMPRE Award</b> , International Conference on Music Perception and Cognition.

2018–2019 **Emerging Scholar in Basic Sciences and Humanities Award**, Seoul National University.  
(Awarded grants of \$20,000, President of Seoul National University, February 2018)  
Press release: <https://now.snu.ac.kr/past/21/2/691>

May 2017 **Next-Generation Musicologist Award**, The Musicological Society of Korea.

August 2016 **Best Teaching Assistant Award**, Faculty of Liberal Education, Seoul National University.

March 2015 **Merit-Based Scholarships**, Seoul National University.

## PROFESSIONAL EXPERIENCE

### *Teaching Experience (at Indiana University)*

Spring 2026 **Associate Instructor**  
- Introduction to Cognitive Science

Spring 2025 **Associate Instructor**  
- Introduction to Cognitive Science

### *Teaching Experience (at Seoul National University)*

Fall 2020 **Teaching Assistant**  
- Music and Artificial Intelligence

Spring 2020 **Graduate Student Instructor**  
- Introduction to Modern Music  
- Music and Artificial Intelligence

Fall 2019 **Teaching Assistant**  
- Introduction to Modern Music

Spring 2019 **Teaching Assistant**  
- Introduction to Modern Music

Fall 2018 **Teaching Assistant**  
- Understanding Western Music

Spring 2018 **Teaching Assistant**  
- Understanding Western Music

Fall 2017 **Graduate Student Instructor**  
- Introduction to Modern Music

Spring 2017 **Graduate Student Instructor**  
- Introduction to Modern Music  
- Psychology of Music

Fall 2016 **Teaching Assistant**  
- Introduction to Modern Music

Spring 2016 **Teaching Assistant**  
- Introduction to Modern Music  
- Psychology of Music

Fall 2015      **Teaching Assistant**  
- Introduction to Modern Music

### ***Research Experience***

2018–2019      **Research Assistant**  
- Project: Music and the Body II  
Principal Investigator: Dr. Suk Won Yi  
Seoul National University Research Grant in 2018

2016–2017      **Research Assistant**  
- Project: Music and the Body  
Principal Investigator: Dr. Suk Won Yi  
Seoul National University Research Grant in 2016

2014–2015      **Research Assistant**  
- Project: Cognitive Functions of Rhythm: Interdisciplinary Approach  
Principal Investigator: Dr. Kyung Myun Lee  
Funded by Ministry of Science, ICT and Future Planning

## **AD HOC REVIEWING**

Psychology of Music

## **PROFESSIONAL AFFILIATIONS**

2025–Present      Student Member, International Musicological Society  
2018–2022      Secretary-General, International Musicological Society Regional Association for East Asia  
2016–Present      Student Member, Society for Music Perception and Cognition  
2015–2019      Secretary, Korean Society for Music Perception and Cognition  
2014–Present      Student Member, Society for Music Theory