

Curriculum Vitae

Youngsun Moon

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KEYWORDS: AREAS OF INTEREST

- Early childhood literacy development
- English learners' bilingual & second-language reading development
- Literacy assessment & psychometrics to inform evidence-based practices
- Spelling development and scoring methods

EDUCATION

Ph.D. in Education

University of California Irvine, School of Education
Advisor: Dr. Young-Suk Kim

Sep. 2020 – Expected Jun. 2025

M.A. in English Education

Sep. 2016 – Jun. 2019

B.A. in English Education

Korea University, College of Education

Mar. 2012 – Jun. 2016

PUBLICATIONS

Peer-Reviewed Journal Articles

Moon, Y. & Kim, Y.-S. G. (2024). Examining the word reading-spelling relation while accounting for vocabulary and attentional control for English-speaking children: Do they differ by how spelling is scored? *Journal of Experimental Child Psychology*. 246, 106019. [link](#)

Tate, T. P., Steiss, J., Bailey, D., Graham, S., **Moon, Y.**, Ritchie, D., Tseng, W., & Warschauer, M. (2024). Can AI provide useful holistic essay scoring? *Computers and Education: Artificial Intelligence*, 7, 100255. [link](#)

Steiss, J., Tate, T. P., Graham, S., Cruz, J., Hebert, M., Wang, J., **Moon, Y.**, Tseng, W., Warschauer, M. (2024). Comparing the quality of human and ChatGPT feedback on students' writing. *Learning and Instruction*, 91, 101894. [link](#)

Graham, S., Cao, T., Kim, Y., Lee, W., Tate, T., Collins, T., Cho, M., **Moon, Y.**, Chung, H., Olson, C. (2024). Effective writing instruction for students in grades 6 to 12: A best evidence meta-analysis. *Reading and Writing*. 1-46. [link](#)

Moon, Y., & Kang, Y. (2023). Does reading mediate the relation between productive vocabulary and writing or is it the other way around? *English Teaching*, 78(4), 249-270. [link](#)

- Choi, I-C., & **Moon, Y.** (2019). Predicting the difficulty of EFL tests based on corpus linguistic features and expert judgment. *Language Assessment Quarterly*, 18(5), 530-546. [link](#)
- Moon, Y.**, & Choi, I-C. (2019). Salient linguistic features of EFL learner spoken corpus elicited by a computerized speaking test. *Multimedia-Assisted Language Learning*, 22(3), 54-83. [link](#)
- Moon, Y.**, Choi, J., & Kang, Y. (2019). Does reading and vocabulary knowledge of advanced Korean EFL learners facilitate their writing performance? *Asia TEFL*, 16(1), 149-162. [link](#)
- Moon, Y.**, & Choi, I-C. (2018). A comparability study of two standardized EFL tests. *Language Research*, 54(2), 277-329. [link](#)
- Choi, J., **Moon, Y.**, Paek, J. K., & Kang, Y. (2018). Examining the relationship between reading and writing of advanced Korean EFL learners. *Korean Journal of Applied Linguistics*, 34(1), 91-116. [link](#)
- Moon, Y.** (2017). Are different types of vocabulary needed for comprehending general and academic texts? *English Teaching*, 72(3), 47-68. [link](#)
- Moon, Y.** (2017). Examining the appropriateness of the vocabulary size test in Korean EFL context. *Foreign Languages Education*, 24(3), 23-45. [link](#)
- Moon, Y.**, & Luo, B. B. (2017). L1-L2 reading comprehension transferability in factual and inferential tasks. *Korean Journal of Applied Linguistics*, 33(1), 61-89. [link](#)

Manuscripts Under Review

- Moon, Y.**, Steiss, J., Kim, Y.-S. G., & Tate, T. (Under Review). Variations in growth across features of argumentative writing in history classrooms: Do they differ by their grade level or EL status? *Journal of Writing Research*. [preprint](#)
- Steiss, J., ... **Moon, Y.**, ... (Under review). Effects of a cognitive strategies intervention on secondary students' argument writing in history. *Scientific Studies of Reading*.

Dissertation Studies in Progress

- Study 1: The developmental relation between spelling and word reading: Does it vary as a function of spelling scoring methods? (Ready for submission) Target journal: *Reading and Writing*.
- Study 2: Spelling development of Spanish-English emergent bilingual children from Grade 1 to Grade 3: Does instructional program and spelling scoring method matter? (Ready for submission) Target journal: *Reading Research Quarterly*.
- Study 3: Examining child- and word-factors for English spelling development: A longitudinal study. (Analysis stage) Target journal: *Scientific Studies of Reading*.

Government Issued Textbook Unit

- Moon, Y.** (2019). Learning how you learn. In I-C. Choi, W. Seo, Y. Lee, J. Kim, Y. Jeon, M. Ra, Y. Moon, & K. Rubadeau (Eds.), *High School English II* (pp. 8-29). Seoul: Kumsung.

SELECTED CONFERENCE PRESENTATIONS

American Educational Research Association (AERA)

Moon, Y. & Kim, Y.-S. G. (Under review). Longitudinal relations of Spanish-English bilingual spelling: Influences of spelling scoring method and instructional programs. AERA Annual Meeting. Denver, CO.

Moon, Y., Steiss, J., Wang, J., & Collins, P. (April, 2024). Effectiveness of a writing intervention in history classrooms: Do they vary by teacher- and student-factors? Roundtable session at the AERA Annual Meeting. Philadelphia, U.S. [link](#)

Steiss, J., Tate, T., Cruz, J., Graham, S. Wang, J., **Moon, Y.**, Tseng, W., Warschauer, M., & Hebert, M. (April, 2024). Comparing the quality of human and ChatGPT feedback on student writing. Paper presented at the AERA Annual Meeting. Philadelphia, U.S. [link](#)

Tate, T. P., Steiss, J., Bailey, D. H., Graham, S., Ritchie, D., Tseng, W., **Moon, Y.**, & Warschauer, M. (April, 2024). Can ChatGPT provide useful holistic essay scoring? Paper presented at the AERA Annual Meeting. Philadelphia, U.S. [link](#)

Moon, Y. & Kim, Y.-S. G. (April, 2023). Comparing different algorithms of an automatized computer-scoring method for spelling. Poster presented at the AERA Annual Meeting. Chicago, U.S. [link](#)

Society for the Scientific Study of Reading (SSSR)

Hebert, M., Zajic, M. C., Heidi, H., **Moon, Y.**, & Lovett, B. (July, 2024). Recent innovations in writing research: Handwriting, keyboarding, and dictation: A pilot study examining the impact of task modality on sentence writing fluency. Symposium paper presented at the SSSR Annual Meeting. Copenhagen, Denmark.

Moon, Y. & Kim, Y.-S. G. (July, 2022). Investigating the directionality of relations between word reading and spelling: Do they differ according to how spelling is scored? Paper presented at the SSSR Annual Meeting. Newport, U.S. [link](#)

Moon, Y. & Kim, Y.-S. G. (July, 2021). Spelling errors from Grades 2 to 4 measured as text distance for English-speaking learners. Poster presented at the SSSR Annual Meeting. Virtual.

Literacy Research Association (LRA)

Moon, Y., Steiss, J., Kim, Y.-S. G., & Tate, T. (December, 2024) Which features of student argumentative writing in history classrooms are most amenable, and do they differ by their grade level or EL status? Paper accepted to the LRA Annual Meeting. Atlanta, GA.

Other Conferences

Kim, Y.-S. G., **Moon, Y.** & Lee, J. (June, 2024). Executive function, metalinguistic awareness, vocabulary and reading skills in Korean-English bilingual children. Paper presented at the 15th Heritage Language Research Institute. UC Irvine, U.S.

ONGOING RESEARCH PROJECTS

** Order based on role and emphasis on project*

Exploring Alternative Methods of Scoring Spelling 2021 – Ongoing

- Exploring the use of nonbinary scores for spelling ([text distance](#)) using Excel, Python, and R
- Investigating the potential change in relation between literacy skills and diagnostic properties of alternative nonbinary spelling scores

Website Development for Scoring Spelling: [Spelling Dystance](#) Jan. – Jun. 2023

- Supervised software engineering and informatic students as a project sponsor
- Won first place in the 3rd Annual ICS Project Expo (\$2,300 prize; [link](#))

Reading Development of Korean-English Bilingual Children Jan. 2023– Ongoing (Under guidance of Dr. Young-Suk Kim, UC Irvine)

- Overseeing data collection in both languages as lead research assistant
- Conducting spelling error analysis of Korean and English spelling of children

Writing Research to Improve Teaching & Evaluation (IES # [R305C190007](#)) 2021 – Ongoing WRITE Center, UC Irvine

- Responsible for running main analyses, writing Method and Results section for a large 2-year RCT study (provided year-long PD to history teachers on how to teach writing)
- Collected student writing and demographic data from 2,000+ students across two years and was responsible for data cleaning and organization
- Conducted teacher focus group interviews and classroom observations, trained essay scorers

Examining the Effect of Modality on Writing Skills Jun. 2023 – Ongoing Ball Stick Bird Project (PIs: Michael Hebert, UC Irvine; Matt Zajic, Ben Lovett, Columbia University)

- Collected student writing in three different modalities (handwriting, keyboarding, dictation)
- Data management and organization, training undergraduate researchers on implementing standardized assessments and data input and scoring

Task-Based Learning for Adult Korean Heritage Speakers 2022 – Ongoing (Collaboration with Dr. Julio Torres, UC Irvine)

- Examining the influence of different interactions while engaging in task-based language learning

Math Writing of Korean Elementary Grade Children 2023 – Ongoing (PIs: Michael Hebert, UC Irvine; Jessica Namkung, University of Delaware)

- Examining writing of Korean elementary grade children when solving math problems
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TEACHING EXPERIENCE

Teaching Fellowship

Pedagogical Scholar Fellowship (“preparing future faculty” [program](#)) 2024

- Received a 1-year long advanced pedagogical and professional development in an interdisciplinary community based on competitive selection (\$3,000 award)
- Delivered 2-day TA Professional Development Program (TAPDP) to incoming Ph.D. students

Higher Education

EDUC 288A Educational, Social, and Behavioral Statistics Fall, 2023

Teaching Assistant for Ph.D. level course (with outstanding [evaluations](#))

- Developed teaching materials (Stata code, slides) for lab sessions with Stata
- Taught and led weekly lab sessions on how to work on Stata, recorded and uploaded lab session recordings ([link](#) to recordings)

EDUC 202 Outcomes of Schooling and Student Assessment Summer, 2021

Teaching Assistant for M.A.T. (Master of Arts in Teaching) course

- Provided individualized feedback on assignments (case study on assessment-based lesson plan), prepared quizzes, midterms, and finals for 70 students

EDUC 326 Curriculum and Methods for Elementary School Reading Fall, 2020

Professional Reader for M.A.T. course

K-12 Teaching

Jang-Seung Middle School (Seoul, Korea) English teacher 2017 – 2020

Suhmoon Girls' Middle School (Seoul, Korea) English teacher May, 2015

Jungkyung High School (Seoul, Korea) After-school English teacher Mar. – Jun. 2013

Certification

- California Teaching Credentials in English (#240080106) 2023-2029
- Teacher's License in English (Certified by Korean Ministry of Education) 2016

HONORS & AWARDS

- The International Research Foundation for English Language Education (TIRF) Doctoral Dissertation Grant Honorary Mentioning 2024
- Graduate Dean's Dissertation Fellowship \$5,000 (UC Irvine) Summer, 2024
- Pedagogical Scholars Fellowship \$3,000 (UC Irvine) 2024
- Professional Development Funds \$2,500 (UC Irvine) 2020 – 2025
- 5-year Full Scholarship for Ph.D. Degree (UC Irvine) 2020 – 2025
- Graduate Dean's Recruitment Fellowship (UC Irvine) 2020
- Best Paper Award (Master's Thesis, Korea University) 2019
- Research Assistant Scholarship (Korea University) 2017 – 2018
- General (Merit-Based) Scholarships (Korea University) 2017
- Dean's List (Korea University) 2015
- Semester High Honor (Korea University) 2012, 2013, 2015, 2016

SERVICE

Peer-reviewed Journal Reviewer

Reading and Writing 2024
International Journal of Educational Research 2024

Peer-reviewed Conference Reviewer

American Educational Research Association 2023, 2024, 2025
Literacy Research Association 2024

Ph.D. Admissions Committee Student Representative 2022 – 2023

UC Irvine, School of Education

- Assisted admissions committee, matched applicants with potential faculty advisors, put in collaborative efforts to enhance diversity and equity in the admissions process

Mentoring Undergraduate Research Assistants

WRITE Center 2023 - 2024

- Supervised and oversaw 2024 AERA undergraduate fellow poster presentation ([link](#) to poster)
- Supported and provided feedback on undergraduate students' Undergraduate Research Opportunities research poster submission (\$444 award)
- Trained undergraduate students for analytic coding of secondary student's writing, provided support for applying to graduate programs, taught data management and visualization skills, provided recorded Excel instruction

Capstone Project: School of Information and Computer Sciences (ICS) Jan. - June, 2023

- Lead and supported ICS undergraduate students on creating a website for obtaining alternative spelling scores for a 2-quarter (20 weeks) capstone project

Mentoring Graduate Students

Panelist on 'What I Wish I'd Known' Event 2023, 2024

- Provided support and advice to graduate students at Associated Doctoral Students in Education (ADSE) event

DECADE (Diverse Educational Community and Doctoral Experience) mentor 2022 – 2023

- Peer-mentoring for incoming fellow Ph.D. students

PROFESSIONAL DEVELOPMENT

Longitudinal Structural Equation Modeling (Asynchronous) Spring, 2024

- Application and interpretation of SEM fitted to longitudinal data (e.g., CLPM, longitudinal factor analysis, latent curve analysis, multiple group models)

<i>Mixture Modeling and Latent Class Analysis: A Short Course</i>	Jan., 2024
<ul style="list-style-type: none"> ▪ Covering latent class analysis, latent profile analysis, and other finite mixture models to identify subgroups within a heterogeneous population 	
<i>Certificate in Teaching Excellence</i>	Fall, 2023
<ul style="list-style-type: none"> ▪ Completed three sets of teaching observations requirement for the Center for the Integration of Research, Teaching and Learning (CIRTL) 	
<i>The Analysis of Intensive Longitudinal Data: APA Science Training</i>	Fall, 2023
<ul style="list-style-type: none"> ▪ Analyze intensive longitudinal data from a multilevel modeling and dynamic structural equation modeling perspective 	
<i>CADRE Learning Series on Case Study Design</i>	Sep. 2022
<ul style="list-style-type: none"> ▪ Two-part webinar series on designing case study research with panelists 	
<i>Intro to Structural Equation Modeling</i>	Summer 2022
<ul style="list-style-type: none"> ▪ Application and interpretation of multivariate data with latent variables covering path analysis, CFA, and structural equation models 	
<i>R Workshop Series hosted by the UCI School of Education</i>	Winter 2022
<ul style="list-style-type: none"> ▪ Ten-week workshop covering foundational knowledge of R 	

SKILLS

Research Methods

- Latent growth curve modeling
- Structural equation modeling (e.g., EFA, CFA, SEM, mixture modeling)
- Item Response Theory (IRT), Explanatory Item Response Modeling (EIRM)
- Hierarchical linear modeling
- Regression (e.g., linear, quadratic, logistic regression, fixed and random effects)

Statistical Software

- Advanced: Stata, Mplus, SPSS, Qualtrics
- Intermediate: R, Python
- Corpus Analysis: AntWordProfiler, Coh-metrix, WordSmith, LCA, L2SCA