

Curriculum Vitae

Youngsun Moon

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KEYWORDS: AREAS OF INTEREST

- Early childhood literacy development, with a focus on spelling development and scoring methods
 - English learners' bilingual & second-language reading development
 - Literacy assessment & psychometrics to inform evidence-based practices
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ACADEMIC POSITION

Postdoctoral Fellow [link](#)

Mar. 2025 – Present

Stanford University, Graduate School of Education

Rapid Online Assessment of Reading (ROAR) [link](#)

Faculty Mentors: Dr. Jason Yeatman, Dr. Rebecca D. Silverman

EDUCATION

Ph.D. in Education

Sep. 2020 – Mar. 2025

University of California Irvine, School of Education

Advisor: Dr. Young-Suk Kim

M.A. in Education

Sep. 2020 – Jun. 2023

University of California Irvine, School of Education

M.A. in English Education

Sep. 2016 – Jun. 2019

Korea University, College of Education

B.A. in English Education

Mar. 2012 – Jun. 2016

Korea University, College of Education

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](#)
- 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.
- 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](#)

Studies in Progress

Dissertation Study 1: Examining child- and word-factors for English spelling development: A longitudinal study

Dissertation Study 2: The developmental relation between spelling and word reading: Does it vary as a function of spelling scoring methods?

Dissertation Study 3: Spelling development of Spanish-English emergent bilingual children from Grade 1 to Grade 3: Does instructional program and spelling scoring method matter?

Moon, Y., Steiss, J., Kim, Y., & Tate, T. P. Variations in growth across features of argumentative writing in history classrooms: Do they differ by their grade level or EL status?

SELECTED CONFERENCE PRESENTATIONS

American Educational Research Association (AERA)

Tate, T., ... **Moon, Y.,** ... (Accepted, 2025). Effects of a cognitive strategies intervention on secondary students' argument writing in history. 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](#)

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)

Moon, Y. & Kim, Y.-S. G. (Accepted, 2025). Examining word- and child-factors for English spelling development in Grade 2. Paper to be presented at the SSSR Annual Meeting. Calgary, Canada.

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

Hines, H., **Moon, Y.** (February, 2025). Writing modality and textual mistakes: An examination across handwriting, keyboarding, and dictation. Poster presented at the 33rd Annual Pacific Coast Research Conference. Coronado, CA.

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.

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 2021 – Mar. 2025

WRITE Center, UC Irvine (IES #[R305C190007](#))

- 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

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

TEACHING EXPERIENCE

Teaching Fellowship

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

- Received 1-year long pedagogical and professional development based on competitive selection
- 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

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 \$3,500 (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

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