

YOUNGWON KIM

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EDUCATION

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| <i>Jun 2023 (Expected)</i> | Ph.D., Measurement & Statistics College of Education, University of Washington, Seattle, WA |
| <i>May 2017</i> | M.A., Educational Psychology Specialization: Human Development, Culture, & Learning Sciences, University of Texas at Austin, Austin, TX |
| <i>Feb 2011</i> | B.A., International & Area Studies, Counseling Psychology, & Social Welfare Handong Global University, Pohang-si, Gyeongbuk, South Korea |

OVERVIEW

My methodological interest is focused on the intersection between latent variable models and machine learning algorithms, and my substantive interests center on how these methodologies can promote data-driven educational policy and practice. I am skilled in a variety of statistical modeling approaches for small- and large-scale data, including item response theory, multilevel, structural equation, social network, and time series modeling. Further, I am experienced in data visualization, machine learning methods, and analytic programming using mostly *R*, *Python*, and *Tableau*. Other software includes *SPSS*, *HLM*, *Stata*, *SAS*, and *SQL*.

AWARDS/HONORS

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| <i>2019</i> | Young Researcher Award, Korean-American Educational Research Association (KAERA) |
| <i>2015 – 2021</i> | OTEFE Foundation Scholarship, OTEFE Foundation, Inc. |

RESEARCH EXPERIENCE

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| <i>Aug 2022 – Present</i> | Center for Social Science Computation and Research, University of Washington, Seattle, WA |
| <i>Jun 2019 – Jun 2022</i> | Statistical Consultant |
| | <ul style="list-style-type: none">• Statistical and programming consulting services to students and faculty from across UW Seattle campus• Guidance on research designs, data cleaning, data analysis, and use of data analysis and visualization software (<i>Mplus</i>, <i>Python</i>, <i>R</i>, <i>SPSS</i>, and <i>Tableau</i>)• Remote synchronous and asynchronous workshops on <i>R</i> and <i>SPSS</i> |
| <i>Jun 2022– Aug 2022</i> | Human Services Division - Education Systems Program Area, American Institutes for Research (AIR), Arlington, VA |
| <i>Research Intern</i> | <ul style="list-style-type: none">• Developed a school-level social vulnerability index for the CEE (COVID-19 and Equity in Education) projects• Participated in AIR Hackthon using the CEE longitudinal database and 2022 Summer Intern Expo |
| <i>May 2018 – Jun 2022</i> | Project on Asian International Graduate Students' Professional Development and Psychological Well-Being, Texas A&M University, College Station, TX (Dr. Koo) |
| <i>Research Assistant</i> | <ul style="list-style-type: none">• Interviewed international graduate students and transcribe the interviews• Coded and analyzed transcripts on the usage of social media, language proficiency, academic achievement, career development, social support, mental and physical health issues of international students• Contributed to writing proposals for conference presentations and manuscripts for publication |

RESEARCH EXPERIENCE (Cont'd)

- Mar 2020 – Dec 2020* **Teacher Workforce Project, University of Washington, Seattle, WA** (Drs. Elfers and Plecki)
Research Assistant
- Co-designed and implemented statistical models to examine the teacher workforce in Washington State with respect to teacher retention and mobility
 - Co-authored results for presentation, white paper, and publication
- Jul 2018 – Sep 2018* **Health Sciences Library, University of Washington, Seattle, WA** (Dr. Dong)
Data Wrangler
- Performed data cleaning and created dashboards for National Network of Libraries of Medicine (NNLM)
 - Created *R* functions to automate data-cleaning processes
- Feb 2015 – Aug 2017* **Higher Education Learning and Persistence Lab, College of Education, University of Texas at Austin, Austin, TX** (Dr. Fong)
Research Assistant
- Collected documents and coded data for meta-analyses on psychosocial factors and critical thinking of community college students
 - Conducted meta-analyses to examine growth- and fixed-mindset profiles and associations with stress, need satisfaction, coping strategies, fear of failure

TEACHING EXPERIENCE

- Sep 2021 – Dec 2021* **EDPSY 576: Multilevel Modeling, College of Education, University of Washington, Seattle, WA** (Dr. Sanders)
Computing Assistant
- Assisted class management (20+ graduate students) and explained analysis and interpretation of multilevel models using *R*
- July 2020 & 2021* **Online Summer Workshop on Applied Statistics, Handong Global University, South Korea**
Instructor
- Provided 30+ undergraduate and graduate students with the online workshop on statistical knowledge and research design using *R* and *SPSS*
- Apr 2019 – Jun 2019* **PSYCH 315: Understanding Statistics in Psychology, Department of Psychology, University of Washington, Seattle, WA** (Dr. Nelson)
Teaching Assistant
- Led two labs of 25+ undergraduate students and lectured on statistics using statistical concepts, analysis, and interpretation using *SPSS* and *R*
 - Held office hours, facilitated class discussion, and graded students' exams
- Sep 2018 – Mar 2019* **PSYCH 209: Fundamentals of Psychological Research, Department of Psychology, University of Washington, Seattle, WA** (Drs. Culligan, Passer)
Teaching Assistant
- Created exam questions, proctored exams, and graded them
 - Led two labs of 25+ undergraduate students and lectured on research design
 - Evaluated student's work, providing substantial written and oral feedback
- Sep 2017 – Dec 2017* **EDPSY 302: Child Development and Learning, College of Education, University of Washington, Seattle, WA** (Dr. Newman)
Reader/Grader
- Graded assignments including detailed feedback and scored exams
 - Assisted class management (120+ undergraduate students) and explained development psychology concepts in classroom contexts
- Jan 2017 – May 2017* **SDS 332: Statistical Models for the Health and Behavioral Sciences, Department of Statistics and Data Sciences, University of Texas at Austin, Austin, TX** (Dr. Manheimer)
Teaching Assistant
- Facilitated class discussions (120+ undergraduate students) as needed
 - Monitored and taught via website, email, office hours, and in classroom
 - Taught how to analyze data with *SAS* and graded assignments and exams

TEACHING EXPERIENCE (Cont'd)

Sep 2015 - Dec 2015 **MKT282: Marketing Analytics & Applications, McComb School of Business, University of Texas at Austin, Austin, TX** (Dr. Terhofstede)

- Teaching Assistant
- Provided statistical advice to 70+ MBA students via website and email to understand how marketing models can enhance decision making
 - Evaluated student work, providing substantial written feedback

PUBLICATIONS

Peer-reviewed articles

- Koo, K., **Kim, Y. W.**, Lee, Y., & Rodriquez, S. (under review). What does it mean to be an Asian in a pandemic? Exploring experiences of racism and discrimination among Asian international students in the United States during COVID-19. *International Journal of Intercultural Relations*.
- Elfers, A., Plecki, M., **Kim, Y. W.**, & Bei, N. (2022). How retention and mobility rates differ for teachers of color? *Teachers and Teaching*, 1-18. <https://doi.org/10.1080/13540602.2022.2098271>
- Fong, C. J., Schallert, D. L., Williams, K. M., Williamson, Z. H., Lin, S., Chen, L., & **Kim, Y. W.** (2021). Making feedback constructive: The interplay of undergraduates' mastery goal orientation with feedback specificity and friendliness. *Educational Psychology*, 1-19. <https://doi.org/10.1080/01443410.2021.1951671>
- Koo, K., **Kim, Y. W.**, Lee, Y., & Nyunt, G. (2021). "It's my fault": Exploring experiences and mental wellness among Korean international graduate students. *Journal of International Students*, 11(4), 790-811. <https://doi.org/10.32674/jis.v11i4.2801>
- Fong, C. J. & **Kim, Y. W.** (2019). A clash of constructs? Re-examining grit in light of academic buoyancy and future time perspective. *Current Psychology*, 40(4), 1824-1837. <https://doi.org/10.1007/s12144-018-0120-4>
- Fong, C. J., Schallert, D. S., Williams, K. M., Williamson, Z. H., Warner, J. R., Lin, S., & **Kim, Y. W.** (2018). When feedback signals failure but offers hope for improvement: A process model of constructive criticism. *Thinking Skills and Creativity*, 30, 42-53. <https://doi.org/10.1016/j.tsc.2018.02.014>
- Fong, C. J., Williams, K. M., Williamson, Z. H., Lin, S., **Kim, Y. W.**, & Schallert, D. L. (2018). "Inside out": Student appraisals for achievement emotions regarding constructive criticism, positive feedback, and negative feedback on writing. *Motivation and Emotion*, 42, 236-257. <https://doi.org/10.1007/s11031-017-9658-y>
- Fong, C. J., Davis, C. W., Kim, Y., **Kim, Y. W.**, Marriott, L. A., & Kim, S. (2017). Psychosocial factors and community college student success: A meta-analytic investigation. *Review of Educational Research*, 87(2), 388-424. <http://doi.org/10.3102/0034654316653479>
- Fong, C. J., Kim, Y., Davis, C. W., Hoang, T., & **Kim, Y. W.** (2017). A meta-analysis on critical thinking and community college success. *Thinking Skills and Creativity*, 26, 71-83. <http://doi.org/10.1016/j.tsc.2017.06.002>

Presentations

- Kim, Y.** & Sanders, E. A. (2023, April). *Exploratory Measurement Modeling with Lasso*. Paper accepted for presentation at the Annual Meeting of the National Council on Measurement in Education.
- Koo, K., Kwon, J., & **Kim, Y.** (2022, April). *Strive to survive in a pandemic in a foreign country: Korean international students' well-being during covid-19*. Paper presented at the Annual Meeting of the National Council on Measurement in Education.
- Bei, N., Sanders, E. A., Abe, N., & **Kim, Y.** (2021, June). *Measuring item process data with network analysis methods*. Paper presented at the Annual Meeting of the National Council on Measurement in Education. (Virtual conference)

Presentations (Cont'd)

- Kim, Y.** (2021, April). *Understanding the role of academic achievement and psychosocial factors on adolescent depression: A latent growth model*. Paper presented at the Annual Meeting of the American Education Research Association. (Virtual conference)
- Koo, K., **Kim, Y.**, Lee, Y., & Rodriguez, S. (2021, April). *What does it mean to be an Asian in a pandemic? Exploring experiences of racism and discrimination among Asian international students in the United States during covid-19*. Paper presented at the Annual Meeting of the American Educational Research Association. (Virtual conference)
- Elfers, A., Plecki, M., **Kim, Y.**, & Bei, N. (2021, April). *Examining differences in the retention and mobility of teachers of color by racial/ethnic group*. Paper presented at the Annual Meeting of the American Educational Research Association. (Virtual conference)
- Kim, Y.** (2020, November). *Comparing exponential random graph and latent space models for network analysis: A pilot study*. Paper presented at the College of Education Annual Research & Inquiry Conference, Seattle, WA. (Virtual conference)
- Kim, Y.** (2020, April). *Understanding the role of academic achievement and psychosocial factors on adolescent depression: A latent growth model*. Paper accepted for the Annual Meeting of the Korean-American Educational Researchers Association, San Francisco, CA. (Conference canceled)
- Koo, K., & **Kim, Y.** (2020, April). *The effectiveness of focusing art therapy on PTSD and cultural adjustment among North Korean refugee girls*. Paper accepted for the Annual Meeting of the Korean-American Educational Researchers Association, San Francisco, CA. (Conference canceled)
- Kim, Y.** (2020, April). *Executive function difficulty, self-esteem, happiness, gender, and parent's income as the predictors of digital addiction*. Paper accepted at the Annual Meeting of the American Educational Research Association, San Francisco, CA. (Conference canceled)
- Koo, K., **Kim, Y.**, Lee, Y., & Nyunt, G. (2020, April). *What makes them happy? A qualitative study on Korean international graduate students' experiences and psychological well-being*. Paper accepted at the Annual Meeting of the American Educational Research Association, San Francisco, CA. (Conference canceled)
- Kim, Y.** (2019, April). *Trajectories of parents' socioeconomic status, child-parent interaction, children's self-control, school readiness, and academic performance*. Paper presented at the Annual Meeting of the American Educational Research Association, Toronto, ON.
- Koo, K., **Kim, Y.**, & Lee, Y. (2019, April). *What makes them happy? Korean international graduate students' personal and professional experiences and emotional health*. Paper presented at the Annual Meeting of the Korean-American Educational Researchers Association, Toronto, ON.
- Koo, K., **Kim, Y.**, & Lee, Y. (2019, March). *What makes them happy? Asian international graduate students' personal and professional experiences and emotional health*. Paper presented at the Annual Meeting of the American College Personnel Association, Boston, MA.
- Fong, C. J., Davis, C., Li, D., & **Kim, Y.** (2017, April). *A meta-analysis of noncognitive factors and community college student success at 4-year institutions*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio, TX.
- Fong, C. J., **Kim, Y. W.**, Lin, S., & Hoang, T. (2017, April). *Do Noncognitive Interventions Enhance Community College Student Success? A Systematic Review and Meta-Analysis*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio, TX.
- Williamson, Z. H., Fong, C. J., Lin, S., Williams, K. M., **Kim, Y. W.**, & Schallert, D. L., (2017, April). *Self-Kindness in the Face of Criticism: Self-Compassion Influences Undergraduates' Perceptions of Constructive Feedback*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio, TX.

Presentations (Cont'd)

- Fong, C. J., Davis, C., Li, D., **Kim, Y. W.**, & Hartman, C. E. (2016, August). *A meta-analysis of noncognitive factors and community college transfer student success at four-year institutions*. Paper presented at the Texas Higher Education Symposium, Austin, TX.
- Fong, C. J., Kim, Y., Davis, C. W., **Kim, Y. W.**, Marriott, L. A., & Kim, S. (2016, April). *Psychosocial and self-regulatory correlates of community college student success: A systematic review and meta-analysis*. Paper presented at the Annual Meeting of the American Educational Research Association, Washington, D.C.
- Fong, C. J., Schallert, D. L., Williams, K. M., Williamson, Z. H., Lin, S., Chen, L., **Kim, Y. W.** (2016, April). *Making feedback constructive: The interplay of undergraduates' mastery goal orientation with feedback specificity and friendliness*. Paper presented at the Annual Meeting of the American Educational Research Association, Washington, D.C.
- Lin, S., Fong, C. J., & **Kim, Y.** (2016, April). *Make up your mind: A person-centered approach to growth and fixed mindsets among Chinese undergraduates*. Paper presented at the Chinese American Education Research & Development Association, Washington, D.C.
- Kim, Y., Fong, C. J., Davis, C. W., Hoang, T., & **Kim, Y. W.** (2016, March). *A meta-analysis on critical thinking and community college student achievement*. Paper presented at the Council for the Study of Community Colleges Annual Meeting, Plano, TX.

SERVICE

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| Oct 2020 – Current Ad-hoc Reviewer | • <i>Journal of International Students</i> |
| Oct 2022 Program planning committee member | • Section 2 (Statistical theory and quantitative methodologies), Division D program planning committee meeting, AERA, Washington, D.C. |
| Aug 2021 – Aug 2022 Student Support Chair | • Associated Students of the College of Education (ASCE), University of Washington, Seattle |
| Aug 2021 – Aug 2022 GSC Liaison | • AERA Division D Graduate Student Committee (GSC) Liaison, American Educational Research Association, Washington, D.C. |
| Apr 2021 – Jun 2021 Mentor | • Next Generation Mentorship Program (NGMP), Office of Student Diversity and Inclusion, College of Education, University of Washington, Seattle |
| Jul 2020 & Apr 2021 Panelist | • Webinar: <i>Racism and racialized identities: The experience among Asian international students in the United States</i> , ACPA Commission for Global Dimensions of Student Development, Washington, D.C. |
| Jul 2019 – Jan 2020 Student Representative | • New Hire Search Committee, Measurement & Statistics, College of Education, University of Washington, Seattle |

LANGUAGES

- English
- Korean