**K**

**PH.D. STUDENT**

MEASUREMENT, PROGRAM

DEPARTMENT OF PSYCHOLOGICAL

K@C. EDU

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| **EDUCATION** | | |
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| **M.A.**  2013 – 2016 | **Department of Psychology, Sungkyunkwan University, Seoul, Korea** | |
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| **B.A. (Dual Degree)**  2010 – 2013 | **Lehman College of the City University of New York**  Self-Determined Studies | |
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| **B.A.**  2008 – 2013 | **Department of Psychology, Sungshin Women’s University, Seoul, Korea** | |
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| **RESEARCH INTERESTS** | | |
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| * Applied statistical modeling, especially in students’ motivation and emotional processes | | |
| * Intensive longitudinal studies, especially Ecological Momentary Assessment (EMA) with a single-item scale | | |
| * Psychometrics, especially multilevel modeling, structural equation modeling, and Monte-Carlo simulations | | |
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| **PUBLICATIONS** | | |
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| 1. **Lee, K.**, Lee, S., & Master, A. (In preparation). From fixed to growth: An intensive longitudinal study of the interplay between growth mindset, emotions, sense of belonging, and experiences in daily life among college students. Manuscript in preparation, University of Houston. | | |
| 1. Lee, S., **Lee, K.,** & Whittaker, T. A.(2022). Application of associative discrete-time survival analysis using latent transition specification. Structural Equation Modeling: A Multidisciplinary Journal, 1-12. | | |
| 1. **Lee, K. H.,** Jung, S., & Jahng, S.(2017). Associations of longitudinal changes in marital satisfaction and depression among elderly couples: An application of the dyadic growth actor-partner interdependence model (APIM). The Journal of Survey Research, 18(4), 25-59. | | |
| 1. **Lee, K.** (2016). Validity of the single-item measurement of state emotion and state self-esteem in the   experience sampling method. **[**Master’s thesis]. Sungkyunkwan University, South Korea. https://dcollection.skku.edu | | |
| **GRANTS** | | |
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| 1. University of Houston Asian American Studies Center, Student Research Grant, 2022  * Role: Primary Investigator * Project title: Effects of affective and self-esteem instability on Asian and Asian American students’ mindsets during the pandemic * Total funding: $5,000 | | |
| 1. Sungkyunkwan University, Samsung Research Fund, 2015 – 2016  * Role: Key personnel/Research Assistant * Project title: Associations of depressive tendency and personality traits with instability of mood and self-esteem in daily life in college students * Total funding: $10,000 | | |
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| **NATIONAL AND INTERNATIONAL PRESENTATIONS** | | |
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| 1. **Lee, K.**, Thompson, J., & Master, A. (2024, April). The importance of role models who show enthusiasm about STEM. In X.-Y. Chen & E. Q. Rosenzweig (Chairs), What makes a model? Optimal features of role models and mentors to broaden STEM participation. Session submitted to the American Educational Research Association (AERA), Philadelphia, PA. | | |
| 1. Lee, S., **Lee, K.**, & Master, A. (2024, April). Exploring the dynamics of daily experiences, emotions, and depression among Asian American students: The moderating role of growth mindsets. Individual session submitted to the American Educational Research Association (AERA), Philadelphia, PA. | | |
| 1. **Lee, K.**, Kim, H., & Jahng, S. (2022). Measurement of state affects in Experience Sampling Methods: Use of a single item. Poster presented at the Annual Meeting of American Psychological Association (APA), Virtual Conference. | | |
| 1. **Lee, K.** (2020). Validity of the single-item measurement of state emotion and state self-esteem in the experience sampling method. Poster presented at the International Meeting of the Psychometric Society (IMPS), Virtual Conference. | | |
| 1. Kim, T., & **Lee, K.** (2017). The effect of service aids of community child center to a school adaptation: Moderation effect of children dearth index. Symposium presented at the Policy Forum of the Community Child Center, Seoul, Korea. | | |
| 1. **Lee, K.,** & Jung, S.(2017). Associations of longitudinal changes in marital satisfaction and depression among elderly couples: An application of the dyadic growth Actor-Partner Interdependence Model (APIM). Symposium presented at the 12th Employment Panel Academic Conference of the Korea Employment Information Service, Seoul, Korea. | | |
| 1. **Lee, K.** (2017). Evaluation validity of the single-item in the Experience Sampling Method using survival analysis**.** Poster presented at the Korean Society of Psychological Measurement and Assessment(KSPMA), Seoul National University, Seoul, Korea. | | |
| 1. **Lee, K.,** & Jahng S.(2015). Validity and reliability of the single-item of instability in the Experience Sampling Method. Poster presented at the Korean Society of Psychological Measurement and Assessment (KSPMA), Korea University, Seoul, Korea. | | |
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| **AWARDS AND RECOGNITIONS** | | |
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| 1. Texas Public Education Grant (TPEG), University of Houston, 2023 | | |
| 1. Finalist for Accepted Proposal Award, Community Child Center, The Ministry of Health and Welfare, Republic of Korea, 2017 | | |
| 1. Finalist for Poster Presentation Award, Korean Society of Psychological Measurement and Assessment, Seoul, Korea, 2017 | | |
| 1. Outstanding Accepted Proposal Award, Korea Employment Information Service, Seoul, Korea, 2017 | | |
| 1. Outstanding Poster Presentation Award, Korean Society of Psychological Measurement and Assessment, Seoul, Korea, 2015 | | |
| 1. Teaching Assistant Scholarship, Sungkyunkwan University, Seoul, Korea, 2014 | | |
| 1. Teaching Assistant Scholarship, Sungkyunkwan University, Seoul, Korea, 2013 | | |
| 1. Sungshin Family Scholarship, Sungshin Women’s University, Seoul, Korea, 2008 | | |
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| **TEACHING** | | |
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| **TEACHING ASSISTANT** | | |
| University of Houston | | |
| Research and Evaluation in Health (HLT 4307) | | Fall 2021, Spring 2022 |
| Culture and Health (HLT 3380) | | Spring 2022 |
| Sungkyunkwan University | | |
| The Basic Practice of Statistics | | Spring 2014, 2015 |
| Introducing Psychology | | Spring 2013, Fall 2013 |
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| **RESEARCH** | | |
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| **RESEARCH ASSISTANT** | | |
| University of Houston | | |
| 1. College of Education, Department of Psychological, Health, & Learning Sciences  * Assisted with intervention to promote adolescents’ interest in computer science for NSF CSforAll Grant | | Fall 2023 – Present |
| 1. Department of Psychology, TIMES Institute  * Analyzed national data using Latent Score Change models to examine the trend of reading and writing achievement for students in Grades 3 to 8 * Analyzed national data using Latent Profile modeling to examine the latent profiles of reading and writing skills for students in Grades 3 to 7 | | Summer 2022, Fall 2022, Spring 2023, Summer 2023 |
| **RESEARCHER** | | |
| Sungkyunkwan University | | |
| 1. Department of Psychology  * Collected longitudinal data using devices (e.g., smartphones) to examine the emotional instability of college students in Korea * Assumption check for the study “Early socialization of hostile attribution bias: The roles of parental attributions, parental discipline, and child attributes” | | Mar. 2017 – Mar. 2021 |
| Korea Institute for Curriculum and Evaluation (KICE) | | |
| 1. Department of Teaching and Learning  * Analyzed national data using hierarchical linear models to examine the English achievement of Korean elementary school students * Conducted study “Monitoring elementary school students’ completion of English curriculum and enhancing students’ learning for normalization of public education (Ⅱ) | | Jun. 2016 – Feb. 2017 |
| 1. Department of National College Scholastic Ability Test  * Analyzed the national college scholastic ability practice scores data (from 2014 to 2016) using SPSS and R. | | May. 2016 |
| **PROFESSIONAL DEVELOPMENT** | | |
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| **WORKSHOPS** | | |
| R for Data Science | | Jan. 2022 |
| Introducing and Application of Computer Adaptive Test (CAT) using R and CONCERTO | | Nov. 2017 |
| Component-based Structural Equation Modeling with application to brain imaging research | | May. 2015 |
| Bayesian Item Response Modeling | | Jan. 2015 |
| FlexMIRT | | Aug. 2014 |
| A model free approach – Unit by unit | | Aug. 2014 |
| Introduction and Application of R Packages | | May. 2014 |
| Ideal Point Model | | May. 2014 |
| Choosing the optimal number of factors | | Aug. 2013 |
| From multivariate analysis to functional data analysis | | Jun. 2013 |
| Meta-Analysis | | Jan. 2013 |
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| **PROFESSIONAL AFFILIATIONS** | | |
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| **MEMBER** | | |
| American Educational Research Association | | Dec. 2022 – Present |
| American Psychological Association | | Dec. 2022 – Present |
| Psychometric Society | | Aug. 2019 – Present |
| Korean Society of Psychological Measurement and Assessment | | May. 2014 – Present |
| Korean Association for Educational Methods | | Mar. 2013 – Present |
| Korea Society for Educational Evaluation | |  |
| Korean Educational Research Association | |  |
| Korean Psychological Association | |  |
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