

# Youmi Suk

## Curriculum Vitae

Updated on Oct 10, 2024

### Education

- 2016–2021 **Ph.D. in Quantitative Methods**, *Department of Educational Psychology. University of Wisconsin-Madison*, (awarded on Aug. 22, 2021)  
**M.S. in Statistics**, *Department of Statistics. University of Wisconsin-Madison*, (awarded on Dec. 22, 2019)
- 2014–2016 **M.A. in Educational Measurement and Evaluation**, *Department of Education. Seoul National University. South Korea*, (awarded on Aug. 20, 2016)
- 2010–2014 **B.S. in Earth Science Education**, *Department of Earth Science Education. Seoul National University. South Korea*, (awarded on Feb. 28, 2014)

### Academic Positions & Employment

- 9/1/2022– **Assistant Professor of Applied Statistics**, *Department of Human Development, Teachers College, Columbia University*
- 11/9/2022– **Faculty Member of the Data Science Institute (DSI)**, *Columbia University*
- 8/10/2021– **Assistant Professor of Data Science, General Faculty**, *School of Data Science, University of Virginia*  
8/24/2022
- 6/1/2018– **Researcher Intern**, *American Institutes for Research (AIR), Washington D.C.*  
8/8/2018

### Research Interests

**Causal Machine Learning, Quasi-Experimental Designs, Optimal Treatment Regimes, Multilevel Modeling, Algorithmic Fairness, and Analysis of Process Data**

- Robust machine learning for causal inference in multilevel data
- Optimal treatment regimes in education for data-driven, personalized learning
- Evaluating testing accommodations with quasi-experimental devices and process data
- Evaluating algorithmic fairness in educational settings

### Selected Publications

#### ○ Methods

- 12 **Suk, Y., & Kim, Y. (2024).** Fuzzy regression discontinuity designs with multiple control groups under one-sided noncompliance: Evaluating extended time accommodations. *Journal of Educational and Behavioral Statistics*. <https://doi.org/10.3102/10769986241268902>

- 11 **Suk, Y., & Han, K. T.** (2024). Evaluating intersectional fairness in algorithmic decision making using intersectional differential algorithmic functioning. *Journal of Educational and Behavioral Statistics*. <https://doi.org/10.3102/10769986241269820>
- 10 **Suk, Y.** (2024). Regression discontinuity designs in education: A practitioner's guide. *Asia Pacific Education Review*. <https://doi.org/10.1007/s12564-024-09956-3>
- 9 **Suk, Y., & Han, K. T.** (2024). A psychometric framework for evaluating fairness in algorithmic decision making: Differential algorithmic functioning. *Journal of Educational and Behavioral Statistics*, 49(2), 151-172. <https://doi.org/10.3102/10769986231171711>
- 8 **Suk, Y.** (2024). A within-group approach to ensemble machine learning methods for causal inference in multilevel studies. *Journal of Educational and Behavioral Statistics*, 49(1), 61-91. <https://doi.org/10.3102/10769986231162096>
- 7 **Suk, Y., & Park, C.** (2023). Designing optimal, data-driven policies from multisite randomized trials. *Psychometrika*, 88, 1171-1196. <https://doi.org/10.1007/s11336-023-09937-2>
- 6 **Lyu, W., Kim, J.-S., & Suk, Y.** (2023). Estimating heterogeneous treatment effects within latent class multilevel models: A Bayesian approach. *Journal of Educational and Behavioral Statistics*, 48(1), 3-36. <https://doi.org/10.3102/10769986221115446>
- 5 **Suk, Y., & Kang, H.** (2023). Tuning random forests for causal inference under cluster-level unmeasured confounding. *Multivariate Behavioral Research*, 58(2), 408-440. <https://doi.org/10.1080/00273171.2021.1994364>
- 4 **Suk, Y., Steiner, P. M., Kim, J.-S., & Kang, H.** (2022). Regression discontinuity designs with an ordinal running variable: Evaluating the effects of extended time accommodations for English-language learners. *Journal of Educational and Behavioral Statistics*, 47(4), 459-484. <https://doi.org/10.3102/10769986221090275>
- 3 **Suk, Y., & Kang, H.** (2022). Robust machine learning for treatment effects in multilevel observational studies under cluster-level unmeasured confounding. *Psychometrika*, 87(1), 310-343. <https://doi.org/10.1007/s11336-021-09805-x>
- 2 **Suk, Y., Kang, H., & Kim, J.-S.** (2021). Random forests approach for causal inference with clustered observational data. *Multivariate Behavioral Research*, 56(6), 829-852. <https://doi.org/10.1080/00273171.2020.1808437>
- 1 **Suk, Y., Kim, J.-S., & Kang, H.** (2021). Hybridizing machine learning methods and finite mixture models for estimating heterogeneous treatment effects in latent classes. *Journal of Educational and Behavioral Statistics*, 46(3), 323-347. <https://doi.org/10.3102/1076998620951983>

○ Applications

- 11 **Piasecki, T. M. et al.** (2023). Smoking status, nicotine medication, vaccination, and COVID-19 hospital outcomes: Findings from the COVID EHR Cohort at the University of Wisconsin (CEC-UW) study. *Nicotine & Tobacco Research*, 25(6), 1184-1193. <https://doi.org/10.1093/ntr/ntac201>
- 10 **Nolan, B. et al.** (2023). Relations of current and past cancer with severe outcomes among 104,590 hospitalized COVID-19 patients: The COVID EHR cohort at the University of Wisconsin. *Cancer Epidemiology, Biomarkers & Prevention*, 32(1), 12-21. <https://doi.org/10.1158/1055-9965.EPI-22-0500>

- 9 Fiore, M. C. **et al.** (2022). The first 20 months of the COVID-19 pandemic: mortality, intubation and ICU rates among 104,590 patients hospitalized at 21 United States health systems. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0274571>
- 8 **Suk, Y.**, & Lee, J. (2021). Evaluating the effects of school club activities on collaborative competency using random forests for causal inference. *Survey Research*, 22(4), 55-78. <http://dx.doi.org/10.20997/SR.22.4.3> (written in Korean)
- 7 Kent, R. D., Eichhorn, J., Wilson, E. M., **Suk, Y.**, Bolt, D. M., & Vorperian, H. K. (2021). Auditory-perceptual features of speech in children and adults with Down syndrome: a speech profile analysis. *Journal of Speech, Language, and Hearing Research*, 64(4), 1157-1175. [https://doi.org/10.1044/2021\\_JSLHR-20-00617](https://doi.org/10.1044/2021_JSLHR-20-00617)
- 6 **Suk, Y.**, Lyu, W., & Steiner, P. M. (2019, August 1). Review of the book Using Classification and Regression Trees: A Practical Primer, by X. Ma. Teachers College Record, <https://www.tcrecord.org> ID Number: 23015.
- 5 **Suk, Y.**, & Kim, J.-S. (2019). Measuring the heterogeneity of treatment effects with multilevel observational data. In Wiberg, M., Culpepper, S., Janssen, R., González, J., & Molenaar, D (Eds.), *Quantitative psychology research: The 83rd annual meeting of the psychometric society* (pp. 265-277). New York, NY: Springer. [https://doi.org/10.1007/978-3-030-01310-3\\_24](https://doi.org/10.1007/978-3-030-01310-3_24)
- 4 Kim, J.-S., & **Suk, Y.** (2019). Specifying multilevel mixture selection models in propensity score analysis. In Wiberg, M., Culpepper, S., Janssen, R., González, J., & Molenaar, D (Eds.), *Quantitative psychology research: The 83rd annual meeting of the psychometric society* (pp. 279-291). New York, NY: Springer.
- 3 **Suk, Y.**, Cho, Y. H., & Jeong, D. H. (2017). Profile analysis of elementary school students' smart device usage. *Educational Technology International*, 18(1), 27-47.
- 2 Park, H.-J., Lee, J., & **Suk, Y.** (2016). A trend analysis of academically resilient students and school characteristics affecting students' academic resilience in middle school. *Asian Journal of Education*, 17(4), 193-213. (written in Korean)
- 1 Cho, Y. H., Park, H.-J., Kim, J. Y., **Suk, Y.**, & Lee, S. (2015). Exploring roles of feedback to facilitate online discussion. *Asian Journal of Education*, 16(2), 289-313. (written in Korean)

## Working Papers

\* = Graduate Student Mentored

**Suk, Y.**, Park, C., Pan., C.\*, & Kim, K. (2024). Fair and robust estimation of heterogeneous treatment effects in multilevel studies. *PsyArXiv*. <https://doi.org/10.31234/osf.io/xz3jw>

Lee, Y., & **Suk, Y.** (2024). Evidence factors in fuzzy regression discontinuity designs with sequential treatment assignments. *PsyArXiv*. <https://doi.org/10.31234/osf.io/29tp4>

## Grants and Funding

○ Funded Projects

6/2024- **PI**, *Using Response Process Data to Measure Test-Taking Effort in Students Receiving*  
 6/2025 *Extended Time Accommodations*, TC Provost's Faculty Collaboration Funds, \$5,000.  
 (with co-PI Dr. Benjamin Lovett)

- 1/2023- **PI**, *Tailoring Personalized Mathematics Education for High School Students Using Dynamic Treatment Regimes*, National Science Foundation (NSF), \$349,995.  
[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=2225321&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2225321&HistoricalAwards=false)
- 6/2022- **PI**, *A Within-Group Approach to Random Forests for Evaluating Educational Programs in Multilevel Studies*, American Educational Research Association-National Science Foundation (AERA-NSF), \$35,000.  
<https://www.aera.net/Newsroom/AERA-Highlights-E-newsletter/AERA-Highlights-February-2022/AERA-Announces-Dissertation-and-Research-Grant-Awardees>
- Complete Projects
- 3/2021- **PI**, *Regression Discontinuity Design with an Ordinal Discrete Running Variable: Evaluating the Effects of Extended Time Accommodations for English Language Learners*, American Educational Research Association (AERA) Division D, \$5,000.

## Selected Conference Presentations

\* = Graduate Student Mentored

**Suk, Y.**, & Park, C. (2025, April). *Causal mediation and functional outcome analysis with process data for program evaluation*. Paper submitted to the National Council on Measurement in Education (NCME), Denver, CO, U.S.

Pan, C.\* , & **Suk, Y.** (2025, April). *Designing optimal dynamic treatment regimes using TMLE for personalized math course-taking plans*. Paper submitted to the American Educational Research Association (AERA), Denver, CO, U.S.

**Suk, Y.**, & Pan, C.\* (2024, Sep.). *Designing personalized math course-taking plans in high school using optimal treatment regimes*. Paper presented at the Society for Research on Educational Effectiveness (SREE), Baltimore, MD, U.S.

**Suk, Y.**, & Lee, Y. (2024, Sep.). *Evidence factors in fuzzy regression discontinuity designs with multiple control groups for evaluating extended time accommodations*. Paper presented at the Society for Research on Educational Effectiveness (SREE), Baltimore, MD, U.S.

**Suk, Y.**, & Yang, K. (2024, July). *Using Conditional Tabular Generative Adversarial Networks for process data generation in Monte Carlo simulation studies*. Paper presented at the International Meeting of Psychometric Society (IMPS), Prague, Czech Republic.

**Suk, Y.**, & Lee, Y. (2024, May). *Evidence factors in fuzzy regression discontinuity designs with multiple control groups for evaluating testing accommodations*. Paper presented at the plenary session of the American Causal Inference Conference (ACIC), Seattle, WA, U.S.

**Suk, Y.**, & Kim, Y. (2024, May). *Blessing of multiple control groups in fuzzy regression discontinuity designs: Evaluating extended time accommodations*. Paper presented at the American Causal Inference Conference (ACIC), Seattle, WA, U.S. **(2024 ACIC Tom Ten Have Award with Honorable Mention)**

**Suk, Y.**, & Han, K. T. (2024, April). *A framework for evaluating intersectional fairness in algorithmic decision making*. Paper presented at the National Council on Measurement in Education (NCME), Philadelphia, PA, U.S.

**Suk, Y.**, Kim, K., & Park, C. (2024, April). *Towards fair and personalized education policy: Reducing racial and state disparities in advanced math courses*. Paper presented at the American Educational Research Association (AERA), Philadelphia, PA, U.S.

**Suk, Y., & Kim, Y.** (2023, Sep.). *Fuzzy regression discontinuity designs with multiple control groups for evaluating extended time accommodations*. Paper presented at the Society for Research on Educational Effectiveness (SREE), Arlington, VA, U.S.

**Suk, Y., & Han, K. T.** (2023, Sep.). *A psychometric framework for evaluating fairness in algorithmic decision making: Differential algorithmic functioning*. Paper presented at the Society for Research on Educational Effectiveness (SREE) for the symposium on *Algorithmic and Testing Fairness: Methods and Application*, Arlington, VA, U.S.

**Suk, Y., & Han, K. T.** (2023, July). *Differential algorithmic functioning: A framework for evaluating fairness in algorithmic decision making*. Paper presented at the International Meeting of Psychometric Society (IMPS), College Park, MD, U.S.

**Suk, Y., & Park, C.** (2023, May). *Designing optimal, data-driven educational policies from multisite randomized trials*. Paper presented at the American Causal Inference Conference (ACIC), Austin, TX, U.S.

**Suk, Y.** (2023, April). *A within-group approach to ensemble machine learning methods for causal inference in multilevel studies*. Poster presented at the American Educational Research Association (AERA), Chicago, IL, U.S. **(Invited talk as a recipient of the AERA-NSF early-career scholar grant)**

**Suk, Y., & Han, K. T.** (2023, April). *A framework for evaluating fairness in algorithmic decision making: differential algorithmic functioning*. Paper presented at the National Council on Measurement in Education (NCME), Chicago, IL, U.S.

**Suk, Y., & Kang, H.** (2022, Sep.). *Tuning random forests for causal inference under cluster-level unmeasured confounding*. Paper presented at the Society for Research on Educational Effectiveness (SREE), Arlington, VA, U.S.

**Suk, Y., Steiner, P. M., Kim, J.-S., & Kang, H.** (2022, April). *Regression discontinuity designs with an ordinal running variable: evaluating the effects of extended time accommodations for English language learners*. Paper presented at the American Educational Research Association (AERA), San Diego, CA, U.S. **(Invited talk as a recipient of the AERA-Division D grant)**

**Suk, Y., Steiner, P. M., Kim, J.-S., & Kang, H.** (2021, Sep.). *Regression discontinuity designs with an ordinal running variable: evaluating the effects of extended time accommodations for English language learners*. Paper presented at the Society for Research on Educational Effectiveness (SREE; Virtual Conference).

**Suk, Y., Steiner, P. M., Kim, J.-S., & Kang, H.** (2021, July). *Regression discontinuity designs with an ordinal running variable: evaluating the effects of extended time accommodations for English language learners*. Paper presented at the International Meeting of Psychometric Society (IMPS; Virtual Conference).

**Suk, Y., & Kang, H.** (2021, April). *Robust estimation of causal effects in multilevel observational studies under arbitrary cluster-level unmeasured confounding*. Paper presented at the American Educational Research Association (AERA; Virtual Conference).

**Suk, Y., Steiner, P. M., & Kim, J.-S.** (2020, Sep.). *Evaluating effects of extended time accommodations for NAEP: multiple control groups*. Paper presented at the National Council on Measurement in Education (NCME; Virtual Conference, Limited).

**Suk, Y.**, Steiner, P. M., & Kim, J.-S. (2020, July). *Evaluating the effects of extended time accommodations in observational studies*. Paper presented at the International Meeting of Psychometric Society (IMPS; Virtual Conference).

**Suk, Y.**, Kim, J.-S., & Kang, H. (2020, April). *Remedying selection bias and omitted variable bias with multilevel observational data*. Paper presented at the American Educational Research Association (AERA; Conference Canceled).

**Suk, Y.**, Kim, J.-S., & Kang, H. (2019, July). *Machine learning algorithms for causal inference with cluster-structured observational data*. Paper presented to the International Meeting of Psychometric Society (IMPS), Santiago, Chile.

Kim, J.-S., & **Suk, Y.** (2019, July). *Random forests versus matching methods for estimating heterogeneous treatment effects*. Paper presented at the International Meeting of Psychometric Society (IMPS), Santiago, Chile.

**Suk, Y.**, & Kim, J.-S. (2019, April). *Measuring treatment effects using random forests with multilevel observational data*. Paper presented at the American Educational Research Association (AERA), Toronto, Canada.

**Suk, Y.**, Kim, Y. Y., & Zheng, X. (2019, April). *Evaluating the effects of extended time accommodation on writing performance in NAEP*. Paper presented at the National Council on Measurement in Education (NCME), Toronto, Canada.

Kim, Y. Y., Zheng, X., & **Suk, Y.** (2019, April). *Digital familiarity and warm-up effects in NAEP 2017 Mathematics*. Paper presented at the National Council on Measurement in Education (NCME), Toronto, Canada.

**Suk, Y.**, & Kim, J.-S. (2018, July). *Measuring the heterogeneity of individual-level treatment effects with multilevel observational data*. Poster presented at the International Meeting of Psychometric Society (IMPS), New York City, NY, U.S. **(2018 IMPS Best Poster Award)**

Kim, J.-S., & **Suk, Y.** (2018, July). *Fixed versus random effects models for multilevel propensity score analysis*. Paper presented at the International Meeting of Psychometric Society (IMPS), New York City, NY, U.S.

**Suk, Y.**, & Kim, J.-S. (2018, April). *Linear probability models as alternatives to logistic regression models for multilevel propensity score analysis*. Paper presented at the American Educational Research Association (AERA), New York City, NY, U.S.

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## Invited Seminars/Talks

- 10/2024 The Monday Symposium in Measurement and Statistics (MSMS), University of Maryland-College Park. - Title: *Evidence factors in fuzzy regression discontinuity designs with sequential treatment assignments*.
- 10/2024 The Psychometrics and Quantitative Psychology (PQP) Seminar, Fordham University. - Title: *Evidence factors in fuzzy regression discontinuity designs with sequential treatment assignments*.
- 8/2024 The Educational Measurement and Evaluation Program Seminar, Seoul National University. - Title: *Evidence factors in fuzzy regression discontinuity designs with multiple control groups*.
- 6/2024 Internship Collective. - Title: *New Researchers in Academia Panel Discussion* (Virtual; Panelist with Man, K., Guzman-Alvarez, A., Edwards, K. & Runyon, C.).



- 5/2024 The Measurement and Statistics Program Seminar, University of Washington. - *Title: Causal devices for evaluating the effects of testing accommodations.*
- 3/2024 The Colloquium, Department of Educational Psychology, University of Wisconsin-Madison. - *Title: Causal devices for evaluating the effects of testing accommodations*
- 11/2023 The Proseminar, Department of Human Development, Teachers College Columbia University. - *Title: Advancing regression discontinuity designs for evaluating extended time accommodations*
- 9/2023 The Psychometrics Workshop at Columbia University. - *Title: A psychometric framework for evaluating fairness in algorithmic decision making: Differential algorithmic functioning*
- 10/2022 The quantitative lunch colloquium (Design and Data Analysis, or DADA), Department of Psychology, University of Virginia (Virtual). - *Title: Robust machine learning for treatment effects in multilevel observational studies under cluster-level unmeasured confounding*
- 3/2022 The 2022 Women in Data Science Charlottesville (Virtual; Organizer, Moderator, Speaker; with Eckerly, C., & Yuan, K.). - *Title: Applications of data science in education.*
- 11/2021 The Research Methods and Data Science (RMDS), School of Education and Human Development and School of Data Science, University of Virginia (Virtual). - *Title: Robust machine learning for treatment effects in educational data*
- 9/2021 The Proseminar, School of Data Science, University of Virginia. - *Title: Robust machine learning for treatment effects in complex educational assessment data*

## Teaching Experiences

- Spring 2025 **Instructor**, HUDM 5133 *Causal Inference for Program Evaluation*
- Fall 2024 **Instructor**, HUDM 5001 *Programming for Data Science*  
**Instructor**, HUDM 5122 *Applied Regression Analysis*
- Spring 2024 **Instructor**, HUDM 5122 *Applied Regression Analysis*
- Fall 2023 **Instructor**, HUDM 5199 *Programming for Data Science*  
**Instructor**, HUDM 5122 *Applied Regression Analysis*
- Spring 2023 **Instructor**, HUDM 5199 *Programming for Data Science*, Department of Human Development, Teachers College, Columbia University
- Fall 2022 **Instructor**, HUDM 5122 *Applied Regression Analysis*, Department of Human Development, Teachers College, Columbia University
- Spring 2022 **Instructor**, DS 6999 *Independent Study*, School of Data Science, University of Virginia  
**Instructor**, DS 3003 *Communicating with Data*, School of Data Science, University of Virginia  
**Instructor**, DS 2001 *Programming for Data Science*, School of Data Science, University of Virginia
- Fall 2021 **Instructor**, DS 3003 *Communicating with Data*, School of Data Science, University of Virginia
- Fall 2020 **Instructor**, ED PSYCH 763 *Regression Models in Education*
- Spring 2020 **Instructor**, ED PSYCH 763 *Regression Models in Education*
- Fall 2019 **Instructor**, ED PSYCH 763 *Regression Models in Education*, Department of Educational Psychology, University of Wisconsin-Madison

9/2017– **Statistical Consultant**, *Laboratory for Experimental Design (LED)*, Department of Educational Psychology, University of Wisconsin-Madison  
5/2018

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## Professional Memberships

Reviewer Journal of Educational and Behavioral Statistics  
Psychometrika  
Journal of the Royal Statistical Society Series A  
Asia Pacific Education Review  
Large-scale Assessments in Education  
Educational and Psychological Measurement  
AERA Open  
Journal of Counseling Psychology  
Conferences e.g., AERA, SREE, IMPS, NCME  
Panel NSF Grant (Panel Reviewer; 2024)  
Editorial Journal of Educational and Behavioral Statistics (Editorial Board; 2024–Present)  
Member The American Educational Research Association (AERA)  
The National Council on Measurement in Education (NCME)  
The Psychometric Society  
The Society for Research on Educational Effectiveness (SREE)  
The Society for Causal Inference (SCI)

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## Advising

- Advisor for Ph.D
- 2 Yuxuan Li (PhD; 2024–Present)
- 1 Chenguang Pan (PhD; 2022–Present)
  - Committee Member at Columbia University
- 5 Aisha Chahal (EdD; Health Studies & Applied Educational Psychology - Nursing Education, Present)
- 4 Sizheng Zhu (EdD; Human Development – Measurement, Evaluation & Statistics, Present)
- 3 Sangbaek Park (PhD; Human Development – Measurement, Evaluation & Statistics, 2024)
- 2 Jitong Qi (PhD; Statistics, 2023)
- 1 Marilyn Campbell (EdD; Health Studies & Applied Educational Psychology - Nursing Education, 2023)
  - Advisor for MS in Applied Statistics
  - Hongran Fang; Jiasheng Xu; Lee Li; Sophia Wang; Zhanghao Xi (2024–Present)
  - Bochu Hu; Weiliang Hu; Xiaohui Li (2023–Present)
  - Zhengyang Guo; Yuyang Han; Jiarui Kuang; Ruixuan Li; Ruoqiao Li; Yusi Li; Qi Lin; Chenghao Lu (2022–2023)

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## Selected Research Experiences



- 1/2021– **Project Assistant**, *University of Wisconsin Center for Tobacco Research and Intervention*,  
8/2021 Prof. Daniel Bolt, Department of Educational Psychology, University of Wisconsin-Madison
- 6/2020– **Project Assistant**, *The Roles and Prospects of Data Analytics in Educational Research*, Prof.  
8/2020 Jee-Seon Kim, Department of Educational Psychology, University of Wisconsin-Madison
- 9/2018– **Project Assistant**, *Testing and Evaluation (T&E) Services at University of Wisconsin-Madison*,  
8/2019 Prof. James Wollack, Department of Educational Psychology, and Director, Testing and  
Evaluation Services and UW Center for Placement Testing, University of Wisconsin-Madison
- 9/2018– **Network Fellow**, *World-Class Instructional Design and Assessment (WIDA) Research &*  
5/2019 *Development*, Dr. Kyoungwon Bishop, the Wisconsin Center for Education Research (WCER),  
University of Wisconsin-Madison
- 9/2016– **Project Assistant**, *Testing and Evaluation (T&E) Services at University of Wisconsin-Madison*,  
5/2018 Prof. James Wollack, Department of Educational Psychology, and Director, Testing and  
Evaluation Services and UW Center for Placement Testing, University of Wisconsin-Madison
- 9/2016– **Project Assistant**, *To Test a Payer/treatment Agency Intervention to Increase Use of*  
12/2016 *Buprenorphine*, Prof. Jee-Seon Kim, Department of Educational Psychology, University of  
Wisconsin-Madison

## Honors and Awards

- 2024 **Tom Ten Have Award (Honorable Mention)**, *The 2024 American Causal Inference Conference (ACIC)*  
Paper: Blessing of Multiple Control Groups in Fuzzy Regression Discontinuity Designs: Evaluating Extended Time Accommodations
- 2024 **NAEd/Spencer Postdoctoral Fellowship Semifinalist**, *NAEd/Spencer Postdoctoral Fellowship, National Academy of Education (NAEd)/Spencer*  
Proposal: Causal Tools for Evaluating Extended Time Accommodations with Educational Assessment and Process Data
- Fall 2020 **School of Education Teaching Innovation Grant**, *University of Wisconsin-Madison*  
Grant for faculty and instructional staff who need additional time to develop courses to high quality online or hybrid course designs that foster student engagement and student learning, \$1,500. (awarded on July, 17, 2020)
- Spring 2019 **Conference Travel Award**, *University of Wisconsin-Madison*  
Award for domestic and international conference travel for the purpose of presenting research, with a scholarship of \$1,200.
- 2018 **2018 IMPS Best Poster Award**, *The International Meeting of Psychometric Society*  
The outstanding poster award for recognizing excellence in research, poster design and presentation, with a monetary prize of \$500. (awarded on July, 13, 2018)  
- Title: Measuring the Heterogeneity of Individual-level Treatment Effects with Multilevel Observational Data
- 2018 & 2019 **The Busk Travel Scholarship**, *University of Wisconsin-Madison*  
Travel award to a major national/international conference in support of a sole- or first-author presentation of research, with a scholarship of \$1,025 (2018) and \$500 (2019).
- 2014 **The Second Prize Winner**, *Seoul National University Human Rights Center, Seoul National University*  
The 2nd Human Rights Research Competition

- 2013 **The First Prize Winner (SNU president's award)**, *Seoul National University*  
The 2013 Volunteer Service Essay Competition for SNU Undergraduate Students
- 2013 **The Second Prize Winner**, *Dong A Science, South Korea*  
The 2nd Science Essay Competition for College Students
- 2012 **The First Prize Winner (Presidential award)**, *Presidential Committee on Green Growth, South Korean government*  
The 4th Green College Competition for College Students  
- *Idea: Power generation utilizing daily temperature range*

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## Computer Skills

R, Python, Mplus, SPSS, Stata, AMOS, HLM, MATLAB, HTCondor, GitHub, and L<sup>A</sup>T<sub>E</sub>X

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## References

### Jee-Seon Kim

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