Youngsoon Kang

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Education	**University of Minnesota**, Twin-Cities, MN, USA	
	Ph.D. in Educational Psychology	**September 2013 − present**
	M.A. in Organizational Leadership, Policy, and Development	**January 2011 − May 2013**
	Korea University, Seoul, South Korea	
	B.Ed. in School of Education	**March 2006 − Feburary 2010**

Research Experience

Individual Growth and Development Indicators (IGDIs) Lab
University of Minnesota Twin-Cities

Graduate Research Assistant **January 2019 − present**

- Being responsible for data management including data cleaning, organizing, documenting, and forensic
- Conduct quantitative analyses applying statistical and measurement models such as hierarchical linear modeling (HLM) and item response theory (IRT)

Minnesota Youth Development Research Group
University of Minnesota Twin-Cities

Graduate Researcher **May 2015 − present**

- Conducted psychometric evaluation of Social-Emotional Learning (SEL) measures using multi-dimensional item response theory models (i.e., confirmatory bi-factor models)

Institute on Community Integration (ICI)
University of Minnesota Twin-Cities

Graduate Research Assistant **January 2014 − January 2019**

- Evaluated psychometric properties of the National Core Indicators Adult Consumer Survey (NCI-ACS) using item response theory (IRT) collaborating with Human Services Research Institute (HSRI)

Educational Equity Resource Center
University of Minnesota Twin-Cities

Graduate Research Assistant **May 2015 − August 2015**

- Developed on-line map of the University of Minnesota research and programs addressing educational equity and serving PreK-12 educators and students

Publication

Kang, Y., Nord, D., & Nye-Lengerman, K. (2019). Impact of Different Types of Disability and Support on Weekly Wage: A Quantile Regression Approach. *Journal of Rehabilitation, 85(1),* 4-14.

Van Boekel, M., Bulut, O., Stanke, L., Zamora, J. R. P., Jang, Y., **Kang, Y.**, Nickodem, K. (2016). Effects of participation in school sports on academic and social functioning. *Journal of Applied Developmental Psychology, 46,* 31-40.

Manuscripts In Progress	**Kang, Y.**, Ticha, R., & Qian, X. "Psychometric Evaluation of Social Interpersonal Relationship Sub-domain of the National Core Indicators Adult Consumer Survey (NCI-ACS) Using Item Response Theory."
	Kang, Y. & Rodriguez, M. "Psychometric evaluation of social emotional learning (SEL) measures: Application and comparison of polytomous multidimensional item response theory (MIRT) models."
	Wackerle-Hollman, A., Hojnoski, R., Missall, K., Rodriguez, M., **Kang, Y.**, & Kristin, R. "To Time or Not To Time: Effects of Timing on Assessment of Language and Early Literacy with Preschoolers."
Paper Presentations	**Kang, Y.** & Ticha, R. (2019, June). *Psychometric Evaluation of the National Core Indicators Adult Consumer Survey (NCI-ACS) Using Item Response Theory.* Paper presented at the annual meeting of the American Association of Intellectual and Developmental Disabilities, Minneapolis, MN.
	Kang, Y., Rodriguez, M., & Vue, K. (2019, April). *Psychometric evaluation of social emotional learning measures: Applying multidimensional IRT.* Paper presented at the annual meeting of the National Council of Measurement in Education, Toronto, ON, Canada.
	Kang, Y., Nickodem, K., Mang Han, S., Smith, M., & Rodriguez, M.C. (2019, April). *Intensity and breadth of OST activity participation: Connecting latent classes, student characteristics, and educational outcomes.* Paper presented at the annual meeting of the American Educational Research Association, Toronto, ON, Canada.
	Smith, M., **Kang, Y.**, Vue, K., Miranda, A., & Rodriguez, M.C. (2019, April). *Investigating internal structure of social emotional learning measures: A bifactor approach.* Paper presented at the annual meeting of the National Council of Measurement in Education, Toronto, ON, Canada.
	Rodriguez, M.C., Dosedel, M., & **Kang, Y.**, (2019, April). *Validation of Social and Emotional Learning Measures in Inequitable Settings.* Paper presented at the annual meeting of the National Council of Measurement in Education, Toronto, ON, Canada.
	Kang, Y. (2018, July). *Psychometric Evaluation of the National Core Indicators Adult Consumer Survey (NCI-ACS) Using Item Response Theory.* Paper presented at the annual meeting of the International Test Commission Conference, Montreal, Canada.
	Davison, M. L., Davenport Jr, E. C., Zopluoglu, C., **Kang, Y.**, & Culpepper, S. A. *Dimensionality as it Relates to Primary Latent Factors, Sub-scores, and Item Parcels.* Paper presented during the symposium at the annual meeting of the National Council of Measurement in Education, New York, NY.
	Kang, Y., Smith, M., Ersan, O., & Rodriguez, M.C. (April, 2018). *A pathway to resilience for students who experience trauma: A structural equation modeling approach.* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
	Palma, J., Bulut, O., & **Kang, Y.**. (April, 2018). *Measurement invariance in noncognitive measures: Validity approach using explanatory item response modeling.* Paper presented at the annual meeting of the National Council of Measurement in Education, New York, NY.
	Kang, Y., Van Boekel, M., Bulut, O., Nickodem, K., Palma, J., Vue, K., Jang, YJ., & Rodriguez, M.C. *Interaction Among Gender, Race/Ethnicity, and School Sports Participation in Youth Development.* Paper presented at the annual meeting of the American Educational Research Association, San Antonio, April 2017

Kang, Y., Rodriguez, M.C., Vue, K. & Jang, YJ. *Exploring American Indian Students Non-response to Educational Goals* Paper presented at the Society for the Psychological Study of Social Issues (SPSSI), Minneapolis, Minnesota, June 2016

Davenport Jr, E. C., **Kang, Y.**, & Park, J. *Level and Pattern Relationships: Beyond Profile Analysis.* Paper presented at the annual meeting of the American Educational Research Association, Washington D.C., April 2016

Teaching Experience	**Hierarchical Linear Modeling [EPsy 8268]** University of Minnesota Twin-Cities

Teaching Assistant **September 2018 – January 2019**

Methods in Data Analysis for Educational Research I [EPsy 8251]
University of Minnesota Twin-Cities

Teaching Assistant **September 2013 – January 2014**

Professional Consulting

International Developmental Assets Profile (DAP) Analysis, Search Institute

Jan 2018 – April 2018

- Conduct psychometric analyses that will lead to a brief version of the DAP that can be utilized across a wide range of countries/programs as the primary measure of Positive Youth Development (PYD) in US-AID programs.

Professional Affiliations

American Educational Research Association, Division D **Since 2014**
National Council on Measurement in Education **Since 2014**

Skills

Computer R, Mplus, HLM8, Winsteps, FlexMIRT, IRTPRO, SPSS
Languages English(Proficient), Korean(Native)

References

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