

# Youngsoon Kang

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<b>Education</b>	<b>University of Minnesota</b> , Twin-Cities, MN, USA Ph.D. in Educational Psychology M.A. in Organizational Leadership, Policy, and Development <b>Korea University</b> , Seoul, South Korea B.Ed. in School of Education	<b>September 2013 – present</b> <b>January 2011 – May 2013</b> <b>March 2006 – February 2010</b>
<b>Research Experience</b>	<b>Individual Growth and Development Indicators (IGDIs) Lab</b> University of Minnesota Twin-Cities Graduate Research Assistant - 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) <b>Minnesota Youth Development Research Group</b> University of Minnesota Twin-Cities Graduate Researcher - Conducted psychometric evaluation of Social-Emotional Learning (SEL) measures using multi-dimensional item response theory models (i.e., confirmatory bi-factor models) <b>Institute on Community Integration (ICI)</b> University of Minnesota Twin-Cities Graduate Research Assistant - 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) <b>Educational Equity Resource Center</b> University of Minnesota Twin-Cities Graduate Research Assistant - Developed on-line map of the University of Minnesota research and programs addressing educational equity and serving PreK-12 educators and students	<b>January 2019 – present</b> <b>May 2015 – present</b> <b>January 2014 – January 2019</b> <b>May 2015 – August 2015</b>
<b>Publication</b>	<p><b>Kang, Y.</b>, Nord, D., &amp; Nye-Lengerman, K. (2019). Impact of Different Types of Disability and Support on Weekly Wage: A Quantile Regression Approach. <i>Journal of Rehabilitation</i>, 85(1), 4-14.</p> <p>Van Boekel, M., Bulut, O., Stanke, L., Zamora, J. R. P., Jang, Y., <b>Kang, Y.</b>, Nickodem, K. (2016). Effects of participation in school sports on academic and social functioning. <i>Journal of Applied Developmental Psychology</i>, 46, 31-40.</p>	

**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  
National Council on Measurement in Education

**Since 2014**  
**Since 2014**

## Skills

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

## References

**Ernest C. Davenport**

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