

Curriculum Vitae

Soyeon Ahn, Ph.D.
Professor, Department of Educational and Psychological Studies

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PERSONAL

Name: Soyeon Ahn
Office Telephone: 305.284.2929
Current Academic Rank: Professor
Primary Department: Department of Educational and Psychological Studies
Secondary or Joint Appointment: Not Applicable

HIGHER EDUCATION

Institutional:

Michigan State University, East Lansing, MI; Doctor of Philosophy; 2008
Department of Counseling, Educational Psychology, and Special Education
Major Discipline: Measurement and Quantitative Methods
Advisors: Betsy J. Becker & Kimberly S. Maier

Ewha Womans University, Seoul, South Korea; Bachelor of Arts; 2000
Department of Psychology

Non-Institutional: Not Applicable

Certification: Not Applicable

EXPERIENCE

Academic:

University of Miami; Professor; 2019 –
Department of Educational and Psychological Studies
Research, Measurement, and Evaluation Program

University of Miami; Associate Professor; 2014 – 2019
Department of Educational and Psychological Studies
Research, Measurement, and Evaluation Program

University of Miami; Assistant Professor; 2008 – 2014
Department of Educational and Psychological Studies
Research, Measurement, and Evaluation Program

Non-Academic: Not Applicable

Military: Not Applicable

PUBLICATIONS

Scholarly h-index (provided by Scopus): 24

Scholarly h-index (provided by google scholar): 31

Scholarly i-index (provided by google scholar): 47

Scholarly h-index (provided by web of science): 21

Books and Monographs Published (Student authors are bolded):

1. **Ahn, S. & Graefe, B.** (2023). Hands-on application of exploratory factor analysis in higher education research. In A. Newmann & A. Pallas (Eds.), *A practical guide to teaching research methods in education: Lesson plans and advice from faculty*.
2. **Ahn, S., Lu, M., Lefevor, G. T., Fedewa, A. L., & Celimli, S.** (2016). Application of Meta-analysis in Sport and Exercise Science. In N. Ntoumanis & N.D. Myers (Eds.), *An Introduction to Intermediate and Advanced Statistical Analyses for Sport and Exercise Scientists* (1st ed., pp. 233 - 253). Chichester, UK: Wiley.
3. Becker, B. J. & **Ahn, S.** (2012). Synthesizing measurement outcomes through meta analysis. In Tenenbaum, G., Eklund, R., and Kamata, A. (1st ed). *Handbook of Measurement in Sport and Exercise Psychology*.
4. Kennedy, M., **Ahn, S.**, & Choi, J. (2008). The value-added by teacher education. In M. Cochran-Smith, S. Feiman-Nemser, & J. McIntyre, J. (Eds.), *Handbook of research on teacher education* (3rd ed., pp 1247 - 1272). New York: Routledge / Taylor & Francis Group.

Juried or Referred Journal Articles and Exhibitions:

Published Juried or Referred Journal Articles (Student authors are bolded)

1. **Ahn, S.**, Pinheiro, P. S., McClure, L. A., Hernandez, D., Caban-Martinez, A., & Lee, D. J. (In press). An examination of psychometric properties of study quality assessment scales in meta-analysis: Rasch measurement model applied to the firefighter cancer literature. *PLOS ONE: Psychometrics*.
2. Samendinger, S., Hill, C. R., **Ahn, S.**, & Feltz, D. (2023). The Köhler motivation gain effect with exercise tasks: A meta-analysis. *Kinesiology Review*. Advance online publication. <https://doi.org/10.1123/kr.2022-0047>.
3. Ogunsina, K., Koru-Sengul, T., Rodrigues, V., Caban-Martinez, A., Schaefer-Solle, N., **Ahn, S.**, Kobetz, E., Hernandez, M., & Lee, D. (2022). A comparative analysis of histologic types of thyroid cancer between career firefighters and other occupational groups in Florida. *BMC Endocrine Disorders.*, 22(1), doi: 10.1186/s12902-022-01104-5

4. Ogunsina, K., Koru-Sengul, T., Rodrigues, V., Caban-Martinez, A., Schaefer-Solle, N., **Ahn, S.**, Kobetz, E., Hernandez, M., & Lee, D. (2022). Correlates of positive thyroid peroxidase antibodies among firefighters: A cross-sectional study. *Journal of Endocrine Society*. doi: 10.1210/JENDSO/BVAC125.
5. Wang, J. **Ahn, S.**, Morgan, S.E. (2022). Creating valid measures to evaluate the processes of interdisciplinary scientific teams: A many-facet Rasch model approach. *Journal of Clinical and Translational Science*, 1-36, doi:10.1017/cts.2022.472
6. Seeley, A. D., Caldwell, A. R., Cahalin, L. P., **Ahn, S.**, Perry, A. C., Arwari, B., & Jacobs, K. (2022). Seven days of Ischemic preconditioning augments hypoxic exercise ventilation and muscle oxygenation in recreationally trained males. *American Journal of Physiology-Regulatory, integrative, and comparative physiology*, 323(4), pp. R457-R466.
7. Fedewa, A. L., **Ahn, S.**, & Aspiranti, K. B. (2022). Mindfulness in elementary school teachers: Effects on teacher stress, mental health, and mindfulness. *International Journal of School health*, 9(2), 73-82.
8. **Jia, X.**, **Ahn, S.**, & Carcioppolo, N. (2022). Measuring information overload and message fatigue towards COVID-19 prevention messages in U.S. and China. *Health Promotion International*, 37, 1-12.
9. **Ahn, S.**, Morgan, S.E., Mosser, A., & Bixby, J.L. (2022). Encouraging innovation: Should internal funding programs favor faculty who are already productive? *Journal of Research Administration*, 53(1), 144-161.
10. Kim, S., **Ahn, S.**, & Park, S. (2021). Design and Evaluation of a Serious Digital Game to Discourage Indoor Tanning among Young Adults: A Theory-Based, Collaborative Approach. *The Korean Journal of Advertising and Public Relations*, 23, 236-285. 10.16914/kjapr.2021.23.3.236.
11. Morgan, S.E., Mosser, A., **Ahn, S.**, Harrison, T.R., Wang, J., **Huang, Q.**, **Reynolds, A.**, **Mao, B.**, & Bixby, J.L. (2021). Developing and evaluating a team development intervention to support interdisciplinary teams. *Journal of Clinical and Translational Science*. 5(1), e166.
12. Fedewa, A. L., Mayo, M., **Ahn, S.** & Erwin, H. (2021). A school-based physical activity intervention for young children with and without ADHD symptomology. *Journal of Applied School Psychology*, 37(4), 391-414.
13. Morgan, S.E., **Ahn, S.**, Mosser, A., Harrison, T.R., Wang, J., **Huang, Q.**, **Reynolds, A.**, **Mao, B.**, & Bixby, J.L. (2021). The effect of team processes on team success. *Informing Science*. 24, 83-110.

14. Perry, A. C., Flanagan, E. W., Velasquez, C., Bolon, K. D., Zito, G. C., & **Ahn, S.** (2021). The effects of a science-based community intervention on health outcomes in minority children: the translational health in Nutrition and Kinesiology program. *Journal of Physical Activity and Health, 18*(9), 1074-1081.
15. Fedewa, A., Erwin, H., Wilson, J., & **Ahn, S.** (2021). Relationship between the Timing of Recess Breaks and Discipline Referrals among Elementary Children. *Children, Youth and Environments, 31*(1), 165-177. doi:10.7721/chilyoutenvi.31.1.0165
16. Fedewa, A., Erwin, H., **Ahn, S.** & **Alawadi, S.** (2021). The effects of desk cycles in elementary children's classroom physical activity: A feasibility study. *Journal of Occupational Therapy, Schools, and Early Intervention*, <https://doi.org/10.1080/19411243.2021.1910608>
17. **Sheikh-Wu, S. F.**, Kauffman, M. A., Anglade, D., **Ahn, S.**, **Shamsaldeen, F.**, & Downs, C. A. (2021). Effectiveness of different music interventions on managing symptoms in cancer survivors: A meta-analysis. *European Journal of Oncology Nursing, 52*, 101968. <https://doi.org/10.1016/j.ejon.2021.101968>
18. **Romm, M.**, Lawrence, C., Fiebert, I., & **Ahn, S.** (2021). A Meta-Analysis of Group-Based Pain Management Programs: Overall Effect on Quality of Life and Other Chronic Pain Outcome Measures with an Exploration into Moderator Variables that Influence the Efficacy of Such Intervention. *Pain Medicine, 22*(2), 407-429. doi: 10.1093/pm/pnaa376
19. Millet, B., Chattah, J., & **Ahn, S.** (2021). Soundtrack design: The impact of music on visual attention and affective responses. *Applied Ergonomics, 93*, <https://doi.org/10.1016/j.apergo.2020.103301>.
20. **Park, S. E.**, **Ahn, S.**, & Zopluoglu, C. (2021). Differential item functioning (DIF) effect size from multi-group confirmatory factor analysis for a meta-analysis: A simulation study. *Educational and Psychological Measurement, 81*(1), DOI: 10.1177/0013164420925885
21. **Romm, M.**, **Ahn, S.**, Lawrence, C., Fiebert, I., & Roach, K. (2020). A Meta-analysis of Therapeutic Pain Neuroscience Education, Using Dosage and Treatment Format as Predictor Variables. *Pain Practice*. <https://doi.org/10.1111/papr.12962>
22. Hlaing, W. W., Schmidt, R. D., **Ahn, S.**, Samet, J. M., & Brownson, R. C. (2020). A snapshot of doctoral training in epidemiology: positioning us for the future. *American Journal of Epidemiology*. [published online ahead of print, 2020 May 8] doi:10.1093/aje/kwaa069
23. **Huang, Q.**, **Peng, W.**, & **Ahn, S.** (2020). When media become the mirror: A meta-analysis on media and body image. *Media Psychology*. 1-53
DOI: [10.1080/15213269.2020.1737545](https://doi.org/10.1080/15213269.2020.1737545)

24. **Ahn, S., & Abbamonte, J.** (2020). A new approach for handling missing correlation values for meta-analytic structural equation modeling: Corboundary R package. *Campbell Systematic Reviews*, 16, 1, DOI: <https://doi.org/10.1002/cl2.1068>
<https://onlinelibrary.wiley.com/doi/full/10.1002/cl2.1068>
25. **Jimenez, L. Q.,** Arwari, B., Perry, A., Signorile, J., **Ahn, S.,** Kamakawiwo'ole, S., & Jacobs, K (2019). Moderate intensity exercise reduces impacts of simulated altitude on cognition. *Biology of Exercise*, 15, 2. DOI: <https://doi.org/10.4127/jbe.2019.0159>
26. Erwin, H. E., Fedewa, A., Wilson, J., & **Ahn, S.** (2019). The effect of doubling the amount of recess on elementary student disciplinary referrals and achievement over time. *Journal of Research in Childhood Education*. DOI: [10.1080/02568543.2019.1646844](https://doi.org/10.1080/02568543.2019.1646844)
27. Millet, B., **Ahn, S.,** & Chattah, J. (2019). The impact of music on vehicular performance: A meta-analysis. *Transportation Research Part F: Psychology and Behavior*, 60, 743-760.
28. Fedewa, A., Cornelius, C., Whitney, W., **Ahn, S.,** & Comis, M. (2018). The use of bicycle desks to increase physical activity in two special education classrooms. *Health Psychology Report*.
29. **Buskard, A., Gregg, H., & Ahn, S.** (2018) Supramaximal eccentrics versus traditional loading in improving lower-body 1RM: A meta-analysis. *Research Quarterly for Exercise and Sport*, DOI: [10.1080/02701367.2018.1472365](https://doi.org/10.1080/02701367.2018.1472365)
30. Brincks, A., Montag, S., Howe, G. W., Huang, S. Siddique, J., **Ahn, S.,** Sandler, I. N., Pantin, H., & Brown, C. H. (2018). Addressing methodologic challenges and minimizing threats to validity in synthesizing findings from individual-level data across longitudinal randomized trial. *Prevention Science*, 1 -14.
31. Fedewa, A., Fettrow, E., Erwin, H., **Ahn, S.,** & Farook, M. (2018). Academic-based movement breaks and aerobic-based movement breaks: Is there a differential effect for children's physical activity, achievement and behavior?. *Research Quarterly for Exercise and Sport*, doi: [10.1080/02701367.2018.1431602](https://doi.org/10.1080/02701367.2018.1431602).
32. Fedewa, A., Cornelius, C., & **Ahn, S.** (2018). The use of bicycle workstations to increase physical activity in secondary classrooms. *Health Psychology Report*, 6(1), 60-74.
<https://doi.org/10.5114/hpr.2018.71211>
33. Fedewa, A., Cornelius, C., Erwin, H., Stai, C., & **Ahn, S.** (2018). Examining the influence of teacher behavior and curriculum-based movement breaks. *Journal of Educational Research*, 1-10.
34. Myers, N. D., **Park, S. E., Ahn, S.,** Lee, S., Sullivan, P. J., & Feltz, D. L. (2017). Proposed sources of coaching efficacy: A meta-analysis. *Journal of Sports & Exercise Psychology*, 39(4), 261-276.

35. **Lefevor, G.**, Fowers, B., **Ahn, S.**, Lang, S., & Cohen, L. (2017). Are situational influence necessary and sufficient for helping behavior? A meta-analysis, *European Review of Social Psychology*, 28(1), 227-256.
36. Cornelius, C., Fedewa, A., & **Ahn, S.** (2017). The Effect of Physical Activity on Children with ADHD: A Quantitative Review of the Literature. *Journal of Applied School Psychology*. 33(2), 136-170, DOI: 10.1080/15377903.2016.1265622
37. Myers, N. D., **Ahn, S.**, **Lu, M.**, **Celimli, S.**, & Zopluoglu, C. (2017). Reordering and reflecting factors for simulation studies with exploratory factor analysis. *Structural Equation Modeling: A Multidisciplinary Journal*, 24(1), 112 -128.
38. **Ahn, S.**, Zopluoglu, C., **Celimli, S.**, **Lu, M.**, & Myers, N. (2016). REREFAC: An R package for reordering and reflecting factors for simulation studies with Exploratory Factor Analysis. <https://cran.r-project.org/web/packages/REREFAC/index.html>
39. Fedewa, A. L., **Ahn, S.**, Reese, R. J., **Suarez, M. M.**, **Macquoid, A.**, & Davis, M. C. (2016). Does school-based therapy work? A fifteen year meta-analysis of the literature. *Journal of School Psychology*, 56, 59 – 87.
40. **Maerten-Rivera, J.**, **Ahn, S.**, Lee, O., Lanier, K. S., & Diaz, J. A. (2016). Effect of a multiyear intervention on science achievement of all students including English language learners. *The Elementary School Journal*. 116 (4), 600 – 624.
41. Fedewa, A. L., Davis, M. C., & **Ahn, S.** (2015). A Randomized controlled design investigating the effects of stability balls on children’s on-task Behavior, achievement, and discipline referrals. *American Journal of Occupational Therapy: Official Publication of the American Occupational Therapy Association*. 69(2), 1 – 9.
42. Erwin, H. E., Fedewa, A., **Ahn, S.**, & Thornton, M. (2016). Elementary students’ physical activity levels and behavior when using stability balls. *American Journal of Occupational Therapy*, 70(2), 1 – 7.
43. Fedewa, A. L., **Ahn, S.**, Erwin, H., & Davis, M. C. (2015). A Randomized controlled design investigating the effects of classroom-based physical activity on children’s fluid intelligence. *School Psychology International*, 36(2), 135-153.
44. Myers, N. D., **Jin, Y.**, **Ahn, S.**, **Celimli, S.**, & Zopluoglu, C. (2015). Rotation to a partially specified target matrix in exploratory factor analysis in practice. *Behavior Research Methods*, 47, 494-505. doi:10.3758/s13428-014-0486-7
45. Martin, L., Signorile, J. F., Kahn, B. E., Perkins, A. W., **Ahn, S.**, & Perry, A. C. (2015). Improving exercise adherence and physical measures in English-Speaking Latina Women, *Journal of Racial and Ethnic Health Disparities*, 2(4), 517-526.

46. Sandler, I., Wolchik, S. A., Cruden, G., Maher, N. E., **Ahn, S.**, Brinks, A., Brown, C. H. (2014). Overview of meta-analyses of the prevention of mental health, substance use, and conduct problem. *Annual Review of Clinical Psychology*, 10, 243-273.
47. Fedewa, A., Black, W., & **Ahn, S.** (2014). Children and adolescents with same-sex parents: A meta-analytic approach in assessing outcomes. *Journal of GLBT family studies*, 11(1), 1 – 34.
48. Erwin, H. E., Fedewa, A. L., & **Ahn, S.** (2013). Student academic performance outcomes of a classroom physical activity intervention: A pilot study. *International Electronic Journal of Elementary Education*, 5(2), 109 -124.
49. **Jin, Y.**, Myers, N. D., & **Ahn, S.** (2013). A Comparison of DIF Methods with Multilevel Data: When the Intraclass Correlation Coefficient (ρ) of the Studied Item is Less than the ρ of the Matching Variable. *Educational and Psychological Measurement*, 74(1), 163 - 190.
50. **Hecht, E., Landy, D. C., Ahn, S., Hlang, W. M., & Hennekens, C. H.** (2013). Hypothesis: Cadmium Explains, in Part, Why Smoking Increases the Risk of Cardiovascular Disease. *Journal of Cardiovascular Pharmacology and Therapeutics*, 18(6), 550-554.
51. Erwin, H. E., Ickes, M., **Ahn, S.** & Fedewa, A. L., (2013). Impact of recess interventions on children's physical activity – A meta-analysis. *American Journal of Health Promotion*, 28(3), 159-167.
52. Lee, D., & **Ahn, S.** (2013). The relation of racial Identity, ethnic identity, and racial socialization to discrimination - distress: a Meta-analysis of Black Americans. *Journal of Counseling Psychology*. 60(1), 1-12.
53. **Goodwin, A. P., & Ahn, S.** (2013). A meta-analysis of morphological intervention in reading. *Scientific Studies of Reading*, 1-29. doi:10.1080/10888438.2012.689791
54. Myers, N. D., **Ahn, S.** & **Jin, Y.** (2013). Rotation to a partially specified target matrix in exploratory factor analysis: How many targets? *Structural Equation Modeling: A Multidisciplinary Journal*, 20, 131-147. doi: 10.1080/10705511.2013.742399
55. **Jin, Y.**, Myers, N., **Ahn, S.**, & Penfield, R. D. (2013). A comparison of uniform DIF effect size estimators under the MIMIC and Rasch Models. *Educational and Psychological Measurement*. 73(2), 339-358 doi:10.1177/0013164412462705.
56. Candelaria, A., Fedewa, A. L., & **Ahn, S.** (2012). School-based anger management interventions for children and adolescents: A meta-analysis. *School Psychology International*. 33(6), 596-614. doi:10.1177/0143034312454360

57. **Ahn, S., Ames, A. J., & Myers, N. D.** (2012). A review of meta-analyses in education: Methodological strengths and weaknesses. *Review of Educational Research*, 82(4), 436-476. doi:10.3102/0034654312458162.
58. Erwin, H. E., Fedewa, A. L., & **Ahn, S.** (2012). Student academic performance outcomes of a classroom physical activity intervention: A pilot study. *International Electronic Journal of Elementary Education*, 4(3), 473-487.
59. Erwin, H. E., Fedewa, A. L., Beighle, A., & **Ahn, S.** (2012). A quantitative review of physical activity, health, and learning outcomes associated with classroom-based physical activity interventions. *Journal of Applied School Psychology*. 28(1), 14-36.
60. Goodwin, A. P., Miriam G. Lipsky, & **Ahn, S.** (2012). Word detectives: Using units of meaning to support literacy. *The Reading Teacher*, 65(7), 461-470
61. Yang, E., Foster-Fishman, P., Collins, C., & **Ahn, S.** (2012). Testing a comprehensive community problem solving framework for community coalition. *Journal of Community Psychology*, 40(6), 681-698.
62. Lee, D., & **Ahn, S.** (2012). Discrimination against Latina/os: A meta-analysis of individual-level resources and outcomes. *The Counseling Psychologist*, 40(1), 28-65.
63. **Ahn, S., Myers, N. D., & Jin, Y.** (2012). Correcting for unit difference in meta-analysis: Use of intraclass correlation from design effect. *Behavioral Research Methods*, 44(2), 490-502 DOI 10.3758/s13428-011-0153-1.
64. **Ahn, S., & Fedewa, A. L.** (2011). A Meta-analysis of the relationship between children's physical activity and mental health. *Journal of Pediatric Psychology*, 36(4), 385-397.
65. **Ahn, S., & Becker, B. J.** (2011). Incorporating study quality in combining studies. *Journal of Educational and Behavioral Statistics*. 36(5), 553-585.
66. Myers, N. D., **Ahn, S., & Jin, Y.** (2011). Sample size and power for CFA: A Monte Carlo approach. *Research Quarterly for Exercise and Sport*, 82(3), 412-423.
67. Lee, D., & **Ahn, S.** (2011). Racial discrimination and Asian American mental health: A meta-analysis. *The Counseling Psychologist*, 39(3), 463-489.
68. Fedewa, A. L., & **Ahn, S.** (2011). New development in the field: The effects of bullying and peer victimization on sexual minority and heterosexual youth: A quantitative meta-analysis of the literature. *Journal of GLBT Family Studies*, 7, 398-418.
69. Fedewa, A. L., & **Ahn, S.** (2011). Determining the effects of physical activity on children's cognitive outcome: A meta-analysis. *Research Quarterly for Exercise and Sport*, 82(3), 521-535.

70. **Goodwin, A. P., & Ahn, S.** (2010). A meta-analysis of morphological interventions: Effects on literacy achievement of children with literacy difficulties. *Annals of Dyslexia*, 60(2), 183-208.
71. Crowl, A. L., **Ahn, S.**, & Baker, J. A. (2008). A meta-analysis of developmental outcomes for children of same-sex and heterosexual parents. *Journal of GLBT Family Studies*, 4(3), 385-406.

Under Review

1. Kohn-Wood, L., **Ahn, S.**, Gyorke, A., Adele, I. & Duerk, J. (Revise-resubmit). *Leveling up: Fostering teaching excellence at a private research university.*
2. Rubio, C. Kasli, M., **Ahn, S.**, Goldstein, E., Kohn-Wood, L., & Duerk. J. (under review). *Does COVID matter for students evaluation of classroom instruction at private higher education institutions?*
3. **Ahn, S.**, Graefe, B., Schooley, R., & Chun, C. (under review). *Current practices of meta-analytic and systematic reviews in education toward unbiased, inclusive, and representative research evidence.*
4. Lee, D. J., **Ahn, S.**, McClure, L. A., Caban-Martinez, A., Kobetz, E. N., Ukani, H., Dave, D. J., Hernandez, D., & Pinheiro, P. S. (Revise-resubmit). *Cancer risk and mortality among firefighters: A meta-analytic review.*
5. Rubio, C. **Ahn, S.**, Goldstein, E., Kohn-Wood, L., & Duerk. J. (under review). *A qualitative analysis of student responses on a diversity, equity, and inclusion question included in student evaluations.*

Selected Referred Conference Proceedings (Student authors are also bolded)

Morgan, S.E., **Ahn, S.**, Bixby, J.L., Mosser, Ali, Harrison, T., & Wang, J. (2020). Measuring program and interdisciplinary team success: Metrics, measures, and impacts. Presented to the annual meeting of the International Network for the Science of Team Science, Durham, NC (online conference).
<https://www.youtube.com/watch?v=XJ4f9z8rjgc&list=PL66EPbm4ojiAFgVZBuNOtQct6orXWozaB&index=5&t=0s>

Morgan, S.E., Mosser, A., **Ahn, S.**, Harrison, T.R., Wang, J., Reynolds, A., Huang, Q., Mao, B., & Bixby, J.L. (2019). The University of Miami's Laboratory for INtegrative Knowledge: An evaluation of a team science workshop. Presented to the annual meeting on the Science of Team Science, Lansing, MI.

Millet, B., **Ahn, S.**, & Chattah, J. (August, 2018). Voluntary background music and driving performance: A systematic review, meta-analysis, and theoretical process model. *International Conference on Music Perception and Cognition (ICMPC).*

Ahn, S., & **Park, S. E.** (July, 2018). Meta-analysis of differential item function indexes.

Society for Research Synthesis.

Park, S. E., Myers, N. D., **Ahn, S.**, Lee, S., Sullivan, P. J., & Feltz, D. L. (June, 2018). Proposed sources of coaching efficacy: A meta-analysis. *North American Society for the Psychology of Sport and Physical Activity.*

Fedewa, A. L. & **Ahn, S.** (2016, August). An analysis of three physical activity interventions on children's behavior, achievement, and activity: Integrating Science, Practice and Policy: Physical Activities for the Psychological Development of Youth Symposium. *American Psychological Association*, Denver, CO.

Ahn, S., Aloe, A., **Suarez, M.** & **Lefevor, G. T.** (2013, April). To pool (or not) between-studies heterogeneity within subgroups in the mixed-effects model in meta-analysis. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA, USA.

Ahn, S. (2012, June). A method to synthesize studies using diverse measures/indicators: A latent variable framework. Paper presented at the NASPSA Conference, Honolulu, Hawaii.

Ames, A. J., **Ahn, S.**, & Myers, N. D. (2012, May). A review of meta-analyses in education: Methodological strengths and weaknesses. Paper presented at the Modern Modeling Methods Conference, Storrs, CT.

Fedewa, A. L. & **Ahn, S.** (2011, August). The effects of bullying and peer victimization on sexual minority and heterosexual youth: A quantitative meta-Analysis of the literature. Paper presented at the annual meeting of American Psychological Association, Washington, DC.

Lee, D., & **Ahn, S.** (2011, August). Comparison of racial discrimination across ethnic groups. Paper presented at the annual meeting of American Psychological Association, Washington, DC.

Myers, N.D., **Ahn, S.**, & **Jin, Y.** (2011, May). *Exploratory structural equation modeling or confirmatory factor analysis for (Im)perfect validity studies?* Paper presented at the Modern Modeling Methods conference, Storrs, CT, USA.

Ahn, S., Myers, N.D., & **Jin, Y.** (2011, April). *Use of the estimated intraclass correlation for correcting differences in effect size by level.* Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA, USA.

Myers, N.D., **Ahn, S.**, & **Jin, Y.** (2011, April). *Sample size and power for CFA: A Monte Carlo approach.* Paper presented at the annual meeting of the American Alliance for Health, Physical Education, Recreation and Dance, Research Association, San Diego, CA, USA.

Ahn, S. (2010). Synthesizing studies using diverse measure. Paper presented at the Joint Colloquium of the Cochrane & Campbell Collaborations, Keystone, Colorado.

Goodwin, A. P. & Ahn, S. (2010). A Meta-Analysis of Morphological Interventions in Reading. Paper presented at the American Educational Research Association, Denver, Colorado.

Foster-Fishman, P., Yang, E., **Ahn, S.**, Law, K., Callahan, J., & Galloway, D. (2009). *How training and technical assistance fosters community level change: an empirical examination of CADCA's national training institute's theory of change.* Paper presented at the annual meeting of Society for Prevention Research, June, 2009.

Forney, J. C., Pierce, S. J., Collins, C., & **Ahn, S.** (2008). *The pros and cons of using resident surveys to measure change in resident and neighborhood-level CCI outcomes.* Paper presented at the annual meeting of the American Evaluation Association, November, 2008.

Ahn, S. (2008). *Application of model-driven meta-analysis and latent variable framework in synthesizing studies using diverse measures.* Paper presented at 8th Annual Campbell Collaboration Colloquium, Vancouver, Canada, May, 2008.

Ahn, S., Becker, B. J., Kennedy, M. M., Maier, K. S., Houang, R. T., & Oswald, F. (March, 2008). Application of model-driven meta-analysis and latent variable framework in synthesizing studies using diverse measures. Paper presented at the American Educational Research Association, New York, NY, March, 2008.

Thum, Y. & **Ahn, S.** (2007). *Challenges of Meta-Analysis from the Standpoint of Latent Variable Framework,* Paper presented at 7th Annual Campbell Collaboration Colloquium, London, England, May, 2007.

Ahn, S. (2007). *Combining Correlation Coefficients from Gain Scores and One-shot Studies.* Paper presented at American Educational Research Association, Chicago, IL, April, 2007.

Ahn, S., Choi, J., & Kennedy, M. (2006). *Methodological Challenges in Combining Diverse Studies.* Paper presented at American Psychological Association, New Orleans, LA, August, 2006.

Maier, K. S., Viger, S., **Ahn, S.**, Baker, J. A., Clark, T. P., Morlock, L., & Cummings, T. (2006). *Teacher-Child Interpersonal Processes and Young Children's Development.* Poster presented at American Psychological Association., New Orleans, LA, August, 2006.

Baker, J. A., Clark, T. P., Morlock, L., Cummings, T., Maier, K. S., Viger, S., & **Ahn, S.** (2006). *Teacher interactions that promote adjustment of children with behavior problem.*

Poster presented at American Psychological Association., New Orleans, LA, August, 2006.

Crowl, A., & **Ahn, S.** (2006). *Understanding developmental differences among children raised by Homosexual vs. Heterosexual Parents*. Poster presented at the National Association of School Psychologists Annual Meeting, Anaheim, CA, March, 2006.

Ahn, S. & Becker, B. J. (2005, February). *Incorporating quality scores in a meta-analysis: a simulation study*. Poster presented at the 5th Annual Campbell Collaboration Colloquium, Lisbon, Portugal.

Ahn, S., & Choi, J. (2004). Teachers' subject matter knowledge as a teacher qualification: a synthesis of the quantitative literature on student's mathematics achievement. Paper presented at American Educational Research Association, San Diego, CA, April 12, 2004.

Lei, J., **Ahn, S.**, & Wang, Q. (2004, April). The effectiveness of after-school programs: A meta-analysis. Paper presented at the American Educational Research Association, San Diego, CA, April 12, 2004.

Choi, J., & **Ahn, S.** (2003). Measuring teachers' subject-matter knowledge as a predictor of the quality of teaching, Presented at American Educational Research Association, Chicago, IL, April 23, 2003.

Other works, Publications, and Abstracts (Student authors are bolded):

Foster-Fishman, P., Law, K., & **Ahn, S.** (2009). *An evaluation of the impact of the institute's training and technical assistance activities on coalitions' efforts to become effective agents of community change*. The national community anti-drug coalition institute.

Myers, N. D., **Ahn, S.**, & **Jin, Y.** (2011). Sample size and power for CFA: A Monte Carlo approach. *Research Quarterly for Exercise and Sport (measurement section)*, 82(Suppl), A-29.

PROFESSIONAL

Funded Research Performed:

Current Research Support

Statistical Consultant

Language Development and Social Interaction in Children with Hearing Loss

Sponsor: National Institutes of Health (NIH)

Budget: \$1,879,018.00

Funding Period: 7/1/21 - 6/30/26

Complete Funded Research Support

Statistical Consultant

University of Miami Firefighter Cancer Research Agreement
Sponsor: State of Florida Fire Marshal
Budget: \$2,000,000
Funding Period: 7/1/18 - 6/30/19

Statistical Consultant

Copeland Foundation 2019 Internal Awards
Copeland Family Foundation
Budget: \$60,000
Funding Period: 1/20/2019 – 8/31/2019

Co-Investigator

From Individual to Collective Wellbeing: A Smart Ecosystem for Personalized Mood Regulation
University of Miami
Budget: \$40,000
Funding Period: 01/2020 – 10/2020

Co-Investigator

Inclusion Matters in Data Revolution
University of Miami
Budget: \$40,000
Funding Period: 01/2019 – 06/2019

Co-Investigator

The Congruence-Association Model in Musical Multimedia: New insights from Eye-tracking and Facial Expression Capture
University of Miami
Budget: \$38,000
Funding Period: 06/2018 – 05/2019

Principal Investigator

A New Approach for Handling Missing Correlation Values for Meta-analytic Structural Equation Modeling
Campbell Collaboration.
Budget: \$19,993
Funding Period: 05/01/2011 – 02/30/2017

Principal Investigator

Statistical Issues in Testing Categorical Moderator in Meta-analysis
James W. McLamore Summer Award in Business and Social Sciences
University of Miami
Budget: \$17,000
Funding Period: 07/01/2011 – 06/30/2012

Principal Investigator

Application of Latent Variable Model in Synthesizing Studies with Various Indicators
 James W. McLamore Summer Award in Business and Social Sciences
 University of Miami
 Budget: \$17,000
 Funding Period: 07/01/2010 – 06/30/2011

Professional and Honorary Organization:

- 2017- Consulting Editor on Quantitative Methods, International Journal of intercultural relations.
- 2015- Section Editor, Measurement in Physical Education and Exercise Science.
- 2014 - Editorial Board Member of Journal of Asian American Psychology.

Honors and Awards:

- 2019 Graduate School Banner Marshal, 2019 Spring Graduate Commencement Exercises, University of Miami
- 2018 Grand Marshal, 2018 Spring Commencement Exercises, University of Miami
- 2008 The Society of Multivariate Experimental Psychology (SMEP) Dissertation Research Award (\$6,000).
- 2003 Summer Research Fellowship, Michigan State University.
- 2004 Robert Craig Fellowship in Psychological Studies (\$4,000).

Post-doctoral Fellowships: None

Other Professional Activities:

- 2008 – present Manuscripts submitted for publication:
 - Review of Educational Research (RER)*
 - Journal of Educational & Behavioral Statistics (JEBS)*
 - Psychological Methods*
 - Research Synthesis Methods*
 - Educational Researcher*
 - Psychological Bulletin*
 - The Counseling Psychologist*
 - American Educational Research Journal (AERJ)*
 - Behavioral Research Methods*
 - Asian Pacific Review*
 - Research Quarterly for Exercise and Sports*
 - Journal of Research in Rural Education*

Journal of Society for Social Work and Research
Ecological Monographs
Social Psychiatry and Psychiatric Epidemiology
Educational Evaluation and Policy Analysis
International Journal of intercultural relations
Educational Psychological Measurement
Measurement in Physical Education and Exercise Science

- 2008 – present Protocols submitted for publication:
 Campbell Collaboration
- 2008 – present Book manuscripts submitted for publication
- 2011- present Grant proposals review panel, National Science Foundation (NSF)

TEACHING

Teaching Awards Received: None

Teaching Specialization (courses taught):

- 2008 – present Research Measurement and Evaluation program, Department of Educational and Psychological Studies, School of Education and Human Development, University of Miami.
- Quantitative analysis I (in-person/online)
 - Computer application and data management
 - Group comparative research designs and ANOVA method
 - Multiple Regression
 - Quantitative analysis II (in-person/online)
 - Multilevel data analysis
 - Multivariate data analysis (in-person/online)
 - Meta-analysis and Research Synthesis
 - Introduction to Structural Equation Modeling
 - Advanced topic in Research, Measurement, and Evaluation (SEM II)
 - Research methods
- 2016 – 2018 Higher Education program, Department of Educational and Psychological Studies, School of Education and Human Development, University of Miami.
- Quantitative analysis I
 - Quantitative analysis II
 - Research methods
 - Proposal Seminar
 - Dissertation seminar

2006 – 2007 Measurement and Quantitative Methods, Michigan State University:
CEP932: Introductory Statistics.

Thesis and Dissertation Advising:

2008- present Serving on dissertation committees for doctoral students in the School of
Education and Human Development, University of Miami:

Dissertation Chair or Co-chair

1. Longa, C. (Counseling Psychology) – Completed.
2. Chang, W. (Higher Education) – Completed.
3. Bengochea, A. (Teaching and Learning) – Completed.
4. Fernandez Orrantia Marcelo, X. (Higher Education) – Completed.
5. Maino, A. (Higher Education) – Completed.
6. Sibila, C. (Higher Education) – Completed.
7. Parasuraman, R. (Higher Education) – Completed.
8. Perez Darquea, D. (Higher Education) – Completed.
9. Park, S. (Research, Measurement, and Evaluation) – Completed.
10. Enrique, R. (Higher Education) – Completed.
11. Stokes, B. (Higher Education) – Completed.
12. Celimli, S. (Research, Measurement, and Evaluation) – Completed.
13. Brandfon, J. (Higher Education) – Completed.
14. Anis, M. (Higher Education) – Completed.
15. Barcinas, C. (Higher Education) – Completed.
16. Collins, J. (Higher Education) – Completed.
17. Lougheed, V. (Higher Education) – Completed.
18. Vargas, J. (Higher Education) – Completed.
19. Dunbar, M. (Higher Education) – Completed.
20. Gutierrez, Y. J. (Research, Measurement, and Evaluation) – Master
thesis completed.
21. Richardson, S. (Higher Education) – Completed.
22. Green, J. (Higher Education) – Completed.
23. Ochoa, J. (Higher Education) - Proposal defended.
24. Ruidiaz, M. (Higher Education) – Proposal defended.
25. McClain, S. (Higher Education) – Completed.
26. Velarde, E. (Higher Education) - Completed.
27. Parker, T. (Higher Education) - Completed.
28. Stevens, H. (Higher Education) – Completed.
29. Hunt, R. (Higher Education) – Completed.
30. Kasil, M. (RME) – Completed.
31. Marquardt, W. (Higher Education) – Completed.
32. Alvarez, S. (Higher Education) – Completed.
33. Fernandez, J. (Higher Education) – Completed.
34. Defilie, F. (Higher Education) – Proposal defended.
35. Jia, X. (Communication) – Proposal defended.
36. Shamsaldeen, F. (RME) – Proposal defended.

37. Alawadi, S. (RME) – Proposal in-progress.

Dissertation Committee Member.

1. Huggins, C. (RME) – Completed.
2. Jin, Y. (RME) – Completed.
3. Price, A. (Kinesiology) – Completed.
4. Becker, R. (Counseling Psychology) – Completed.
5. Lorena, M. (Kinesiology) – Completed.
6. Lindskoog, G. (Teaching and Learning) – Completed.
7. Maerten-Rivera, J. (Research, Measurement, and Evaluation) – Completed.
8. Sweeney, C. (Teaching and Learning) – Completed.
9. Salinas, A. (Teaching and Learning) – Completed.
10. Krawec, J. (Teaching and Learning) – Completed.
11. Goodwin, A. (Teaching and Learning) – Completed.
12. Carter, E. (Psychology) – Completed.
13. Cummings, A. (Counseling Psychology) – Completed.
14. Vicente, M. (Kinesiology) – Completed.
15. Swanson, A. (Counseling Psychology) – Completed.
16. Lindskoog, G. (Teaching and Learning) – Completed.
17. Diptee, J. (Higher Education) – Proposal defended.
18. Astorini, G. (Higher Education) – Completed.
19. Mantilla, C. (Kinesiology) – Completed.
20. Cayuso, J. (Higher Education) – Completed.
21. Bouza, J. (Psychology) – Master thesis Completed.
22. Hone, L. (Psychology) – Completed.
23. Sheridan, D. (Counseling Psychology) – Completed.
24. Quirola, L. (Kinesiology) – Completed.
27. Zhang, Q. (Teaching and Learning) – Completed.
28. Figueroa, Y. (Kinesiology) – Completed.
29. Billingsley, W. (Psychology) – Master thesis completed.
30. Chun, Z. (Communication) – Completed.
31. Gadge, U. (Teaching and Learning) – Completed.
32. Iuhasz, N. (Teaching and Learning) - Completed.
33. Billingsley, W. (Psychology) – Completed.
34. Callan, R. (Higher Education) – Completed.
35. Campbell, S. (Higher Education) – Completed.
36. Gross, S. (Higher Education) – Completed.
37. Loveday, R. (Higher Education) – Proposal defended.
38. Morales, J. (Higher Education) – Completed.
39. Vega, N. (Higher Education) – Completed.
40. Lehardy, E. (Counseling Psychology) – Completed.
41. Anderson, A. (Counseling Psychology) – Completed.
42. White, E. (Kinesiology) – Completed.
43. Yansdane, V. (Higher Education) - Completed.
44. Seeley, A. (Kinesiology) – Completed.

45. Peng, W. (Communication) - Completed.
46. Khudejah, A. (Communication) - Completed.
47. Huang, Q. (Communication) - Completed.
48. Ozgur, A. (Kinesiology) – Completed.
50. Watson, T. (Kinesiology) - Completed.
51. Lun, D. (Communication) – Completed.
52. Reynolds, A. (Communication) – Completed.
53. Lara, V. (Kinesiology) – Completed.
54. Ainsley, J. (Counseling Psychology) – Completed.
55. Sharifnia, E. (Psychology) – Completed.
56. Kim, J. (Kinesiology) – Completed.
57. Maxie-Moreman, A. (Counseling Psychology) – Completed.
58. Mao, B. (Communication) – Completed.
59. Deng, H. (Communication) – Proposal defended.
60. McKenny, M. (Counseling Psychology) – Completed.
61. Yanez, D. (Higher Education) – Completed.
62. Ford, A. (Higher Education) – Completed.
63. Capellan, M. (Higher Education) – Completed.
64. Best, S. (Higher Education) – Completed.
65. Mitsven, S. (Psychology) – Completed.
66. Custode, S. (Psychology) – Completed.
67. Ogunsina, O. (Public health) – Completed.
68. Kling, H. (Public health) – Proposal defended.
69. Poliakoff, P. (Higher Education) – Completed.
70. Tian, S. (Communication) – Completed.
71. Meyer, M. (Counseling psychology) – Proposal defended.
72. Abbamonte, J. (Counseling psychology) – Completed.
73. McLaughlin, M. (Psychology) – Proposal defended.
74. Cho, S. (Communication) – Proposal defended.
75. Knight, S. (Higher Education) – Completed.
76. Clarke, C. (Higher Education) – Completed.
77. Solis, W. (Higher Education) – Completed.
78. Ryan, A. (Communication) – Completed.
79. Canales, A. T. (Higher Education) – Completed.
80. Diaz, G. (Higher Education) – Completed.
81. Grayson, K. (Higher Education) – Completed.
82. Deng, H. (Communication) – Proposal defended.
83. Gallagher, E. (Higher Education) – Proposal defended.

- 2008 – present Serving on committees for master’s comprehensive exam for the following program:
 1. Research, Measurement, and Evaluation (RME), School of Education and Human Development, University of Miami.
- 2012 – present Serving on committees for doctoral comprehensive exam for the following programs,

1. Research, Measurement, and Evaluation (RME), Department of Educational and Psychological Studies, School of Education and Human Development, University of Miami.
2. Exercise Physiology, Department of Kinesiology and Sports Science, School of Education and Human Development, University of Miami.
3. Communication Studies, School of Communication, University of Miami.

SERVICE

University Committee and Administrative Responsibilities:

2022 - present

- Vice Dean, School of Education and Human Development
- Associate Dean for Research, School of Education and Human Development
- Online programs director, School of Education and Human Development
- Program director for Research, Measurement, and Evaluation Program (RME), SEHD.
- Committee, University of Miami Learning for Life Taskforce
- Committee, Computing @ UM Committee
- Committee, Interdisciplinary teaching Ad-hoc committee
- Member, University of Miami Research Council

2021

- Chair, Department of Educational and Psychological Studies
- Program director for Research, Measurement, and Evaluation Program (RME), SEHD.
- Steering Committee, SEEDS (A Seed for Success)
- Committee, University of Miami Learning for Life Taskforce
- Committee, Computing @ UM Committee
- Member, University of Miami Research Council

2020

- Chair, Department of Educational and Psychological Studies
- Director, Statistical Supporting Unit, School of Education and Human Development (SEHD)
- Program director for Research, Measurement, and Evaluation Program (RME), SEHD.
- Steering Committee, SEEDS (A Seed for Success)
- Internal review committee, Communication Studies Ph.D. program
- Member, University of Miami Research Council

2019

- Chair, Department of Educational and Psychological Studies

- Director, Statistical Supporting Unit, School of Education and Human Development (SEHD)
- Steering Committee, SEEDS (A Seed for Success)
- Internal review committee, Biostatistics Ph.D. program

2018

- Chair, Department of Educational and Psychological Studies
- Search Committee for Dean, School of Education and Human Development (SEHD)
- Associate Dean for Research, SEHD
- Director, Statistical Supporting Unit of Dunspaugh-Dalton Community and Educational Well-being Research Center, School of Education and Human Development (SEHD).
- Program director for Research, Measurement, and Evaluation Program (RME), SEHD.

2017

- Search Committee for Dean, School of Education and Human Development (SEHD)
- Associate Dean for Research, SEHD
- Director, Statistical Supporting Unit of Dunspaugh-Dalton Community and Educational Well-being Research Center, School of Education and Human Development (SEHD).
- Program director for Research, Measurement, and Evaluation Program (RME), SEHD.
- University of Miami fellowship selection committee (UM).
- Graduate faculty member (UM)
- Graduate admissions committee member for RME (RME)

2016

- Associate Dean for Research, School of Education and Human Development (SEHD).
- Director, Statistical Supporting Unit of Dunspaugh-Dalton Community and Educational Well-being Research Center, School of Education and Human Development (SEHD).
- Program director for Research, Measurement, and Evaluation Program (RME), SEHD.
- University of Miami fellowship selection committee (UM).
- Distinguished Paper Award Committee member for Florida Educational Research Association
- Graduate faculty member (UM)

- Graduate admissions committee member for RME (RME)

2015

- Associate Dean for Research, School of Education and Human Development (SEHD).
- Director of Statistical Supporting Unit of Dunspaugh-Dalton Community and Educational Well-being Research Center
- Program director for Research, Measurement, and Evaluation Program (RME)
- University of Miami fellowship selection committee (UM)
- Member of the technology committee (SEHD)
- Provided occasional statistical consultations to doctoral students & faculty
- Graduate faculty member (UM)
- Distinguished Paper Award Committee member for Florida Educational Research Association
- Graduate admissions committee member for RME (RME)

2014

- Associate director of Dunspaugh-Dalton Community and Educational Well-being Research Center
- Program director for Research, Measurement, and Evaluation Program (RME)
- University of Miami fellowship selection committee (UM)
- Member of the technology committee (SEHD)
- Provided occasional statistical consultations to doctoral students & faculty
- Graduate faculty member (UM)
- Graduate admissions committee member for RME (RME)

2013

- Associate director of Dunspaugh-Dalton Community and Educational Well-being Research Center
- Interim director for Research, Measurement, and Evaluation Program (RME)
- University of Miami fellowship selection committee (UM)
- Search committee member for tenure-track Psychometrician (RME)
- Supervisor for CEW statistical help desk (SEHD)
- School Council Representative (SEHD)
- Member of the technology committee (SEHD)
- Provided occasional statistical consultations to doctoral students & faculty
- Graduate faculty member (UM)
- Graduate admissions committee member for RME (RME)

2012

- Interim director for Research, Measurement, and Evaluation Program (RME)
- Search committee member for Statistical Consultant (RME)
- Search committee member for Open-rank Psychometrician (RME)
- Supervisor for CEW statistical help desk (SEHD)

- Elected leader for School Council (SEHD)
- School Council Representative (SEHD)
- University of Miami fellowship selection committee (UM)
- Member of the Technology Committee (SEHD)
- Provided occasional statistical consultations to doctoral students & faculty
- Graduate faculty member (UM)
- Graduate admissions committee member for RME
- Curriculum revision committee for RME

2011

- School Council Representative (SEHD)
- University of Miami fellowship selection committee
- Member of the Technology Committee (SEHD)
- Provided occasional statistical consultations to doctoral students & faculty
- Graduate faculty member (UM)
- Graduate admissions committee member for RME

2010

- Member of the Technology Committee (SEHD)
- Provided occasional statistical consultations to doctoral students & faculty
- Graduate faculty member
- Graduate admissions committee member for RME

2008 - 2009

- Provided occasional statistical consultations to doctoral students & faculty
- Graduate admissions committee member for RME

Community Activities:

2013 – present	Elected Member; Society for Research Synthesis Methodology (SRSM)
2004 – present	Member; American Educational Research Association
2008 – present	Member; Campbell Collaboration (C2) Methodology Group