

## MARIOLA MOEYAERT, PhD, MBA



Department of Educational and Counseling Psychology  
Division of Educational Psychology and Methodology  
1400 Washington Avenue, CK 213  
Albany, NY 12222  
518-442-4993  
mmoeyaert@albany.edu

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### EDUCATION

2014 **Ph.D.** (Magna cum laude), Quantitative Methods in Educational Sciences, KU Leuven, Belgium.  
Dissertation: Three-Level Synthesis of Single-Subject Experimental Data: Further Developments, Empirical Validation and Applications.  
Doctoral Mentor, Wim Van den Noortgate, Associate Professor and Dean of Psychology and Educational Sciences.

2019 **MBA** (Magna cum laude), University at Albany, School of Business.  
Thesis: The impact and implications of implementing a Portable SMART (Sustainable Medical Access to Renewable Technologies) health care clinic in sub-saharan Africa. Thesis Mentor, Gerald Shaye, Associate Professor

2011 **M.S.** (Magna cum laude), KU Leuven, Belgium, Department of Educational Sciences, Centrum of Methodology.  
Thesis: The Attitude of Students towards Classroom Response Systems in Higher Education. Thesis Mentor, Geraldine Clarebout, Associate Professor.

2009 **B.A.** (Magna cum laude), Katho RENO, Belgium, Mathematics, Biology and Physics.

### EMPLOYMENT

2020 - Present **Associate Professor**, Educational and Counseling Psychology, University at Albany, School of Education, State University of New York.

2015 - 2020 **Assistant Professor**, Educational and Counseling Psychology, University at Albany, School of Education, State University of New York.

2014 - 2015 **Postdoctoral Research Trainee**, Statistics and Research Design, City University of New York. Postdoctoral Mentor, David Rindskopf, Ph.D.

## AWARDS

2021 Early Career Award of the University at Albany

2016 Anastasi Dissertation Award Division 5 of the American Psychological Association

## PUBLICATIONS

\* indicates student co-author

\*\* indicates methodological paper

Note. 5-year Impact factors (IF) are retrieved from Journal Citation Reports within Web of Sciences. Both the 5-year IF at year of publication (indicated by IF) and the current 5-year IF (indicated by  $IF_{Current}$ ) are included. The 5-year IF of 2024 is listed as the current 5-year impact factor because the 2025 5-year IFs were not yet available when the journal analysis was completed (October 2, 2025).

### Refereed Articles ( $N_{Total} = 101$ , $N_{Post-Tenure} = 68$ )

101. \*Ghazali, H., Asaro-Saddler, K., Hamsho, N., & **Moeyaert, M.** (2026). Mastering time: A multiple baseline study on the efficacy of the wooden Montessori calendar in advancing temporal skills in autistic children. *International Perspectives in Psychology: Research, Practice, Consultation*.

100. Van den Noortgate, W., & **Moeyaert, M.** (2026). Variance estimation in SCED meta-analysis: Bootstrapping to the rescue. *Journal of Behavioral Education*.  
<https://doi.org/10.1007/s10864-026-09619-w>

99. Young Kim, J., Ravichandran, V., **Moeyaert, M.**, Ditzler, H., Ryan, M., & Fienup, D. M. (2026). Interventions for transition-related challenging behavior in individuals with disabilities: A systematic review and meta-analysis. *Behavior Modification*.  
10.1177/01454455261421144

98. \*Blake, A. J., **Moeyaert, M.**, Thoemmes, F. L., Mackinnon, D., & Chassin, L. (2026). Effects of out-of-home placement on health risk behavior. *Child Abuse & Neglect*.

97. James, D., Bowling, A. M., & Moeyaert, M. (2025). Essentialism and Ethnoracial Bias: A Meta-Analysis. *Review of General Psychology*, 0(0).  
<https://doi.org/10.1177/10892680251394610> ( $IF_{Current} = 5.6$ )

96. \*\* \*Carnett, A., Raulston, T., & **Moeyaert, M.** (2025). AAC-enhanced NDBIs have potential for supporting language development of autistic children. *Evidence-Based Communication Assessment and Intervention*.  
<https://doi.org/10.1080/17489539.2025.2578749> (IFs not available for this journal)

95. \*\* \*Xue, Y. & **Moeyaert, M.**, Baek, E., Solomon, B. G. & Van den Noortgate, W. (2025). Analysis of standardized single-case experimental data in presence of autocorrelation: A Monte Carlo simulation study. *Journal of Behavioral Education*.  
<https://doi.org/10.1007/s10864-025-09603-w> ( $IF_{Current} = 2.0$ )

94. \*\* \*Cheng, K., \*Yi, Z., **Moeyaert, M.**, Beretvas, S. N., Van den Noortgate, W., & Ferron, J.

(2025). Synthesizing single-case experimental designs: Modeling complex data structures. *Journal of Behavioral Education*. <https://doi.org/10.1007/s10864-025-09602-x> ( $IF_{Current} = 2.0$ )

93. \*\*Moeyaert, M., \*Luo, Y., Fingerhut, J., Miočević, M., Valente, M., & Yang, P. (2025). Systematic review of single-case designs to identify mediator characteristics. *Journal of Behavioral Education*. <https://doi.org/10.1007/s10864-025-09600-z> ( $IF_{Current} = 2.0$ )

92. Takahashi, A., Todo, N., Tanji, T., Yamada, T., Uchida, K., Kinoshita, G., & Moeyaert, M. (2025). Effectiveness of video modeling intervention for children with disabilities: A meta-analysis of single-case research design studies. *Japanese Psychological Research*. <https://doi.org/10.1111/jpr.70004> ( $IF_{Current} = 1.1$ )

91. \*\*Byrne, V., Mondrey, M., Folami, A., Moeyaert, M., & Licata-Hoang, C. (2025). Presenting a valid and reliable measure of trauma-informed online teaching for undergraduate asynchronous online courses. *Online Learning Journal*. ( $IF_{Current} = 4.0$ )

90. \*Orlowski, E., Friedlander, M., & Moeyaert, M. (2025). Using deliberate practice for inner skills to enhance therapist in-session mindfulness and presence. *Counselling Psychology Quarterly*. <https://doi.org/10.1080/09515070.2025.2551710> ( $IF_{Current} = 2.1$ )

89. \*Xue, Y., Xue, A., Moeyaert, M., & McMahon, D. (2025). The effectiveness of augmented reality-based interventions for individuals with Autism and/or intellectual and developmental disabilities: A Bayesian three-level meta-analysis of single-case experimental design data. *British Journal of Educational Technology*, 57, 55-78. <http://doi.org/10.1111/bjet.70012> ( $IF_{Current} = 8.1$ )

88. \*Gahtan, J., Moeyaert, M., Saddler, K., & C, Yu (2025). Self-management strategies and academic engagement for Autistic Students: A multilevel meta-analysis of single-Case experimental designs. *Journal of Positive Behavior Interventions*. 10.1177/10983007251389292 ( $IF_{Current} = 2.2$ )

87. James, D., \*Yu, E. C., Wang, Y., & Moeyaert, M. (2025). Internalized racism and personal self-esteem among racial and Ethnoracial Minoritized Groups: A meta-analytic review. *Psychological Bulletin*. ( $IF_{Current} = 28.5$ )

86. Orlando, J., Moeyaert, M., & Lobo, M. (2026). Enhanced play education for parents can positively impact development in infancy: A randomized controlled trial. *Pediatric Physical Therapy*, 38(1), 96–106. <https://doi.org/10.1097/PEP.0000000000001248> ( $IF_{Current} = 1.7$ )

85. \*\*Manolov, R., & Moeyaert, M. (2025). Multilevel model selection applied to single-case experimental designs data. *Journal of Behavioral Education*. <https://doi.org/10.1007/s10864-025-09593-9> ( $IF_{Current} = 2.0$ )

84. James, D., Iyer, K., Bowling, M. A., & Moeyaert, M. (2025). Internalized racism, stress, and health: A comprehensive meta-analytic structural equation model investigation. *Psychological Bulletin*, 151(12), 1448-1485. <https://doi.org/10.1037/bul0000508> <https://dx.doi.org/10.1037/bul0000486> ( $IF_{Current} = 28.5$ )

83. Oliveira, J., Barrall, R. J., **Moeyaert, M.**, Khan, S. & Shillingsburg, A., (2025). An update on stimulus-stimulus pairing to increase vocalizations in children with language delays: A systematic review and meta-analysis. *The Analysis of Verbal Behavior*, 1-28. <https://doi.org/10.1007/s40616-025-00219-9> ( $IF_{Current} = 0.9$ )

82. \*Cheng, Q., Yan, Z., **Moeyaert, M.**, & Bangert-Drowns, B. (2025). Mobile multitasking in learning: A meta-analysis of causal effects of mobilephone distraction on young adults' immediate recall. *Computers in Human Behavior*, 162. <https://doi.org/10.1016/j.chb.2024.108432> ( $IF_{Current} = 10.6$ )

81. \*Peterson, L., Friedlander, M. L., **Moeyaert, M.**, Peterson, C., & \*Peterson, E. (2024). Testing the efficacy of a single-session intervention to reduce work-related distress. *Counselling Psychology Quarterly*, 1-21. <https://doi.org/10.1080/09515070.2024.2440525> ( $IF_{Current} = 2.1$ )

80. \*Borst, M., **Moeyaert, M.**, & van Rood, Y. (2024). The effect of eye movement desensitization and reprocessing on fibromyalgia: A multiple-baseline experimental case study across ten participants. *Neuropsychological Rehabilitation*, 34(10), 1422-1454. <https://doi.org/10.1080/09602011.2024.2314883> ( $IF_{Current} = 2.7$ )

79. Campbell, A. R., Sallese, M. R., **Moeyaert, M.**, Calhoun, T. E., & Imler, M. H. (2024). Enhancing outcomes: Culturally adapted social-emotional and behavioral interventions for rural black elementary learners at risk. *School Psychology*, 40(2), 223-236. <https://doi.org/10.1037/spq0000648> ( $IF_{Current} = 3.1$ )

78. Gamache, K., Rice, K., & **Moeyaert, M.** (2024). The impact of psychological capital on the academic achievement of underserved community college students. *Journal of Applied Research in the Community College*, 21(2), 77-92. (IFs not available for this Journal)

77. Kanayama, A., Siraj, I., **Moeyaert, M.**, Steiner, K., \*Yu, E. C., Erek-Stevens, K., Iwasa, K., Ishikawa, M., Kahlon, M., Warnatsch, R., Dascalu, A., He, R., Mehta, P. P., Robinson, N., & Shi, Y. (2024). PROTOCOL: Key characteristics of effective preschool-based interventions to promote self-regulation: A systematic review and meta-analysis. *Campbell Systematic Reviews*, 20, e1383. <https://doi.org/10.1002/cl2.1383> ( $IF_{Current} = 5.8$ )

76. Kethineni, S., **Moeyaert, M.**, Frazier-Kouassi, S.; & Sundaravadivelu, D. (2024). Sexual violence in public schools in the United States. *Journal of School Violence*, 23(3), 405-417. <https://doi.org/10.1080/15388220.2024.2309560> ( $IF_{Current} = 2.6$ )

75. \*\* **Moeyaert, M.**, \*Yang, P., \*Xue, Y., & \*Lou, Y. (2024). Imbalances in two-level hierarchical linear modeling of single-case data: A Monte Carlo simulation study. *Journal of Experimental Education*, 1-21. <https://doi.org/10.1080/00220973.2024.2394951> ( $IF_{Current} = 2.4$ )

74. \*Orlowski, E. W., **Moeyaert, M.**, \*Monley, C., & \*Redden, C. (2024). The effects of cultural humility on therapeutic alliance and psychotherapy outcomes: A systematic review and meta-analysis. *Counselling and Psychotherapy Research*, 25(2), e12835. <https://doi.org/10.1002/capr.12835> ( $IF_{Current} = 2.9$ )

73. Urton, K., **Moeyaert, M.**, Grunke, M., Boon, R., Wasserman, A., & Nobel, K. (2024). Effects of graphic organizer interventions on competencies for at-risk students and students with disabilities: A three-level meta-analysis of single-case data. *Exceptionality*, 33(1), 17-39. <https://doi.org/10.1080/09362835.2024.2389080> ( $IF_{Current} = 1.7$ )

72. Van Beek, A., **Moeyaert, M.**, Ragheb, B., Price, E., MacEwan, J., & Ansell, J. (2024). Outcomes of Warfarin Home INR Monitoring vs Office-Based Monitoring: A Retrospective Claims-Based Analysis. *Journal of General Internal Medicine*, 39(7), 1127-1134. <https://doi.org/10.1007/s11606-023-08348-4> ( $IF_{Current} = 5.4$ )

71. \*\* \*Fingerhut, J., **Moeyaert, M.**, Manolov, R., Xu, X., & Park, K. H. (2023). Systematic review of descriptions and justifications provided for single-case quantification techniques. *Behavior Modification*, 47(5), 1115-1143. <https://doi.org/10.1177/01454455231178469> ( $IF_{Current} = 2.6$ ,  $IF = 2.300$ )

70. \*\*Miočević, M., \*Klaassen, F., **Moeyaert, M.**, & \*Geuke, G. (2023). Optimal practices for mediation analysis in AB single case experimental designs. *Journal of Experimental Education*, 93(1), 149-166. <https://doi.org/10.1080/00220973.2023.2243593> ( $IF_{Current} = 2.4$ ,  $IF = 2.800$ )

69. \*\***Moeyaert, M.**, \*Dehghan-Chaleshtori, M., \*Xu, X., & \*Yang, P (2023) Single-case design meta-analyses in education and psychology: a systematic review of methodology. *Frontiers in Research Metrics and Analytics*, 8, Article 1190362–1190362. <https://doi.org/10.3389/frma.2023.1190362> (IFs not available for this Journal)

68. \*\***Moeyaert, M.**, \*Yang, P., & \*Xue, Y. (2023). Individual participant data meta-analysis including moderators: Empirical validation. *Journal of Experimental Education*, 92(4), 723–740. <https://doi.org/10.1080/00220973.2023.2208062> ( $IF_{Current} = 2.4$ ,  $IF = 2.800$ )

67. \*\***Moeyaert, M.**, \*Yang, P., \*Xu, X., & \*Kim, E. (2023). Characteristics of moderators in meta-analyses of single-case experimental design studies. *Behavior Modification*, 47(6), 1510-1545. <https://doi.org/10.1177/01454455211002111> ( $IF_{Current} = 2.6$ ,  $IF = 2.300$ )

66. Virues Ortega, J., Pérez-Bustamante Pereira, A., Martin, N., **Moeyaert, M.**, Krause, P.A., Tarifa-Rodriguez, A., Trujillo, C., Sivaraman, M. (2023). Reducing face touching through haptic feedback: A treatment evaluation against fomite-mediated self-infection. *Journal of Applied Behavior Analysis*, 56(3), 549-564. <https://doi.org/10.1002/jaba.996> ( $IF_{Current} = 3.0$ ,  $IF = 3.00$ )

65. \*Akhmedjanova, D., & **Moeyaert, M.** (2022). Self-regulated writing in English learners: Intervention development, *Frontiers in Education*, 7, Article 841395. <https://doi.org/10.3389/feduc.2022.841395> (1-year  $IF_{Current} = 2.4$ , 5-year IFs not available)

64. \*\* \*Declercq, L., \*Jamshidi, L., Fernández Castilla, B., **Moeyaert, M.**, Beretvas, S. N., Ferron, J. M., & Van den Noortgate, W. (2022). Multilevel meta-Analysis of individual participant data of single-case experimental designs: One-stage versus two-stage

methods. *Multivariate Behavioral Research*, 57(2-3), 298–317. <https://doi.org/10.1080/00273171.2020.1822148> (IF<sub>Current</sub> = 4.7, IF = 4.900)

63. \*Fingerhut, J., & **Moeyaert, M.** (2022). Training individuals to implement discrete trials with fidelity: A meta-analysis. *Focus on Autism and Other Developmental Disabilities*, 37(4), 239-250. <https://doi.org/10.1177/10883576221081076> (IF<sub>Current</sub> = 2.5, IF = 2.600)

62. \*\* \*Fingerhut, J., & **Moeyaert, M.** (2022). Selecting and justifying quantitative analysis techniques in single-case research through a user-friendly open-source tool. *Frontiers in Education*, 7, Article 1064807. <https://doi.org/10.3389/feduc.2022.1064807> (1-year IF<sub>Current</sub> = 2.4, 5-year IFs and 1-year IF at year of publication not available)

61. \*\* \*Jamshidi, L., Heyvaert, M., \*Declercq, L., \*Fernandez-Castilla, B., Ferron, J., **Moeyaert, M.**, Beretvas, S. N., Onghena, P., & Van den Noortgate, W. (2022). A systematic review of single-case experimental design meta-analyses: Characteristics of study designs, data, and analyses. *Evidence-Based Communication Assessment and Intervention*, 17(1), 6-30. <https://doi.org/10.1080/17489539.2022.2089334> (IFs not available for this journal)

60. \*\* \*Joo, S., Ferron, J., **Moeyaert, M.**, Beretvas, S., & Van den Noortgate, W. (2022). Comparison of within- and between-series effect estimates in the meta-analysis of multiple baseline studies. *Journal of Educational and Behavioral Statistics*, 47(2), 131-166. <https://doi.org/10.3102/10769986211035507> (IF<sub>Current</sub> = 3.2, 1-year IF 2022 = 2.400)

59. \*\*Miočević, M., **Moeyaert, M.**, Mayer, A., Montaya, A., (2022). Causal mediation analysis in single-case experimental designs. *Evaluation & the Health Professions*, 45(1), 3-7. <https://doi.org/10.1177/01632787211073194> (IF<sub>Current</sub> = 2.2, IF = 2.800)

58. \*\***Moeyaert, M.** , & \*Dehghan-Chaleshtori, M. (2022). Evaluating the design and evidence of single-case experimental designs using the What Works Clearinghouse standards. *Evidence-Based Communication and Intervention*, 17(1), 78–96. <https://doi.org/10.1080/17489539.2022.2139148> (IFs not available for this journal)

57. \*\***Moeyaert, M.**, & \*Fingerhut, J. (2022). Quantitative synthesis of N-of-1 studies using meta-analysis: Overview methods and application. *Harvard Data Science Review*. 4(SI3), 10-1162. <https://doi.org/10.1162/99608f92.3574f1dc> (IFs not available for this journal)

56. \*\***Moeyaert, M.**, \*Yang, P. & \*Xu, X. (2022). The power to explain variability in intervention effectiveness in single-case research using hierarchical linear modeling. Special Issue. *Perspectives on Behavior Science*, 45(1), 13-35. <https://doi.org/10.1007/s40614-021-00304-z> (IF<sub>Current</sub> = 3.1, IF = 2.500)

55. Epstein, L. H., Bickel, W. K., Czajkowski, S. M., Paluch, R. A., **Moeyaert, M.**, & Davidson, K. W. (2021). Single case designs for early phase behavioral translational research in health psychology. *Health Psychology*, 40(12), 858–874. <https://doi.org/10.1037/hea0001055> (IF<sub>Current</sub> = 4.0, IF = 6.123)

54. \*\* \*Fingerhut, J., \*Xinyun, X., & **Moeyaert, M.**, (2021). Selecting the proper Tau-U measure for single-case experimental designs: Development and application of a decision flowchart. *Evidence-Based Communication and Intervention*, 15(3), 99-114. <https://doi.org/10.1080/17489539.2021.1937851> (IFs not available for this journal)

53. \*\* \*Fingerhut, J., \*Xinyun, X., & **Moeyaert, M.**, (2021). Impact of within-case variability on Tau-U and regression-based effect size measures for single-case experimental data: A Monte Carlo simulation study. *Evidence-Based Communication and Intervention*, 15(3), 115-141. <https://doi.org/10.1080/17489539.2021.1933727> (IFs not available for this journal)

52. \*\*Jamshidi, L., \*Declercq, L., \*Fernández-Castilla, B., Ferron, J., **Moeyaert, M.**, Beretvas, S.N., & Van den Noortgate, W. (2021). Bias adjustment in multilevel meta-analysis of standardized single-case experimental data. *Journal of Experimental Education*, 89, 334-361. <https://doi.org/10.1080/00220973.2019.1658568> (IF<sub>Current</sub> = 2.4, IF = 2.755)

51. \*\*Manolov, R., **Moeyaert, M.**, & \*Fingerhut, J. (2021) A priori metric justification for the quantitative analysis of single-case experimental data. *Perspectives on Behavior Science*, 45(1), 153-186. <https://doi.org/10.1007/s40614-021-00282-2> (IF<sub>Current</sub> = 3.1, IF = 2.905)

50. \*\***Moeyaert, M.**, \*Bursali, S., & Ferron, J. (2021). SCD-MVA: A mobile application for conducting single-case experimental design research during the pandemic. Special issue “COVID-19 and Human Behavior with Emerging Technologies. *Human Behavior and Emerging Technologies*, 3(1), 75-96. <https://doi.org/10.1002/hbe2.223> (IF<sub>Current</sub> = 6.7, IF = 9.8)

49. **Moeyaert, M.**, Klingbeil, D., \*Rodabaugh, E. & \*Turhan, M. (2021). Three-level meta-analysis of single-case data regarding the effects of peer tutoring on academic and social- behavioral outcomes for at-risk students and students with disabilities. *Remedial and Special Education*, 42(2), 94-106. <https://doi.org/10.1177/0741932519855079> (IF<sub>Current</sub> = 3.4, IF = 4.053)

48. \*\***Moeyaert, M.**, & \*Yang, P. (2021). Assessing generalizability and variability of single-case design effect sizes using two-stage multilevel modeling including moderators. *Behaviormetrika*, 48, 207-229. <https://doi.org/10.1007/s41237-021-00141-z> (IFs not available for this journal)

47. Puccioni, J., Froiland, J.M., **Moeyaert, M.**, Desir, S. & Galimore, Z. (2021). Associations among African American parents’ beliefs, involvement, and measures of school readiness. *Journal of Child and Family Studies*, 31, 1246-1260. <https://doi.org/10.1007/s10826-021-02092-1> (IF<sub>Current</sub> = 2.7, IF = 3.066)

46. Asaro-Saddler, K., **Moeyaert, M.**, \*Xu, X., & \*Yerden, X. (2020). Multilevel meta-analysis of the effectiveness of self-regulated strategy development to increase the number of correct words read and the quality of written words for children with Autism. *Exceptionality*, 29(2), 150-166. <https://doi.org/10.1080/09362835.2020.1850457> (IF<sub>Current</sub> = 1.7, IF = 2.512)

45. Baker, E. R., Jensen, C.J., **Moeyaert, M.**, & \*Bordoff, S. (2020). Socioeconomic status and

early childhood aggression: Moderation by theory of mind for relational, but not physical aggression. *Early Child Development and Care*, 190(8), 1187-1201. <https://doi.org/10.1080/03004430.2018.1524379> (IF<sub>Current</sub> = 1.5, IF = 1.558)

44. \*\* \*Declercq, L., Cools, W., Beretvas, S. N., **Moeyaert, M.**, Ferron, J. M., & Van den Noortgate, W.(2020). MultiSCED: A tool for (meta-)analyzing single-case experimental data. *Behavior Research Methods*, 52(1), 177-192. <https://doi.org/10.3758/s13428-019-01216-2> (IF<sub>Current</sub> = 6.8, IF = 7.023)

43. \*\* \*Jamshidi, \*Declercq, L., \*Fernández-Castilla, B., Ferron, J. M., **Moeyaert, M.**, Beretvas, S. N., & Van den Noortgate, W. (2020). Multilevel meta-analysis of multiple regression coefficients from single-case experimental studies. *Behavior Research Methods*, 52(5), 2008–2019. <https://doi.org/10.3758/s13428-020-01380-w> (IF<sub>Current</sub> = 6.8, IF = 7.023)

42. \*\*Miočević, M., \*Klaassen, F., \*Geuke, G., **Moeyaert, M.**, & Maric, M. (2020). Using Bayesian methods to test mediators of intervention outcomes in single case experimental designs. *Evidence-based Communication Assessment and Intervention*, 14(1-2), 52-68. <https://doi.org/10.1080/17489539.2020.1732029> (IFs not available for this journal)

41. \*\***Moeyaert, M.** , \*Akhmedjanova, D., Ferron, J., Beretvas, S. N., & Van den Noortgate, W. (2020). Effect size estimation for combined single-case experimental designs. *Evidence Based Communication Assessment and Intervention*, 14(1-2), 28–51. <https://doi.org/10.1080/17489539.2020.1747146> (IFs not available for this journal)

40. \*\***Moeyaert, M.**, Manolov, R., & \*Rodabaugh, E. (2020). Meta-analysis of single-case research via multilevel models: Fundamental concepts and methodological considerations. *Behavior Modification*, 44(2), 265-295. <https://doi.org/10.1177/0145445518806867> (IF<sub>Current</sub> = 2.6, IF = 4.092)

39. Puccioni, J., Froiland, J. M., & **Moeyaert, M.** (2020). Preschool teachers' transition practices and parents' perceptions as predictors of involvement and children's school readiness. *Children and Youth Services Review*, 109, Article 104742. <https://doi.org/10.1016/j.chillyouth.2019.104742> (IF<sub>Current</sub> = 2.8, IF = 2.944)

38. Babik, I., Cunha, A., **Moeyaert, M.**, Hall, M., & Lobo, M. (2019). Feasibility and effectiveness of intervention with the Playskin Lift™ exoskeletal garment for infants at risk. *Physical Therapy*, 99(6), 666-676. <https://doi.org/10.1093/ptj/pzz035> (IF<sub>Current</sub> = 3.9, IF = 3.849)

37. Behrman, A., Ferguson, S. H., Akhund, A., & **Moeyeart, M.** (2019). The effect of clear speechon temporal metrics of rhythm in Spanish-accented speakers of English. *Language and Speech*, 62(1), 5-29. <https://doi.org/10.1177/0023830917737109> (IF<sub>Current</sub> = 1.9, IF = 1.098)

36. \*\* \*Declercq, L., \*Jamshidi, L., \*Fernández-Castilla, B., Beretvas, S., **Moeyaert, M.**, Ferron, J., & Van den Noortgate, W. (2019). Analysis of single-case experimental count data using thelinear mixed effects model: A simulation study. *Behavior Research Methods*, 51(6), 2477-2497. <https://doi.org/10.3758/s13428-018-1091-y> (IF<sub>Current</sub> = 6.8, IF = 5.130)

35. Grünke, M., Saddler, B., Asaro-Saddler, K., & **Moeyaert, M.** (2019). The effects of a peer-tutoring intervention on the text productivity and completeness of narratives written by eighth graders with learning disabilities. *International Journal for Research in Learning Disabilities*, 4(1), 1-35. <https://doi.org/10.28987/ijrld.4.1> (IFs not available for this journal)

34. \*Harpøth, T. S. D., Kongerslev, M. T., **Moeyaert, M.**, Bo, S., Bateman, A. W., & Simonsen, E. (2019). Evaluating “mentalizing positive affect” as an intervention for enhancing positive affectivity in borderline personality disorder using a single-case multiple-baseline design. *Psychotherapy*, 57(4), 580-586. <https://doi.org/10.1037/pst0000251> (IF<sub>Current</sub> = 3.7, IF = 3.367)

33. \*\***Moeyaert, M.** (2019). Quantitative synthesis of research evidence: Multilevel meta-analysis. *Behavior Disorders*, 44, 241-256. <https://doi.org/10.1177/0198742918806926> (IF<sub>Current</sub> = 2.4, IF = 1.625)

32. Saddler, B., Asaro-Saddler, K., **Moeyaert, M.**, & Slichko, J. (2019). Teaching summary writing to students with learning disabilities via strategy instruction. *Reading & Writing Quarterly*, 35, 572-586. <https://doi.org/10.1080/10573569.2019.1600085> (IF<sub>Current</sub> = 1.9, IF = 1.305)

31. Asaro-Saddler, K., Saddler, B., **Moeyaert, M.**, \*Akhmedjanova, D., \*Bogin, D., & \*McLaughlin, T. (2018). Variability on the spectrum: A self-monitoring single-case design study for students with autism spectrum disorders and attentional deficits. *Journal of Mental Disorders and Treatment*, 4(2), 1-7. <https://doi.org/10.4172/2471-271X.1000159> (IFs not available for this journal)

30. Conner, P.S., Goral, M., Anema, I., Borodkin, K., Haendler, Y., Knoph, M., Mustelier, C., Paluska, E., Melnikova, Y., & **Moeyaert, M.** (2018). The role of language proficiency and linguistic distance in cross-linguistic treatment effects in aphasia. *Clinical Linguistics & Phonetics*, 32(8), 739-757. <https://doi.org/10.1080/02699206.2018.1435723> (IF<sub>Current</sub> = 1.5, IF = 1.150)

29. \*\* \*Jamshidi, L., \*Declercq, L., Ferron, J., **Moeyaert, M.**, Beretvas, S.N., & Van den Noortgate W. (2018). Improving the methodological quality of single-case experimental design meta-analysis. *Journal of Mental Health and Clinical Psychology*, 2(4), 1-9. (IFs not available for this journal)

28. \*\* \*Jamshidi, L., Heyvaert, M., \*Declercq, L., \*Fernández-Castilla, B., Ferron, J., **Moeyaert, M.**, Beretvas, S. N., & Van den Noortgate, W. (2018). Methodological quality of meta-analyses of single-subject experimental studies. Invited for special issue in *Research in developmental disabilities*, 79, 97-115. <https://doi.org/10.1016/j.ridd.2017.12.016> (IF<sub>Current</sub> = 3.3, IF = 2.376)

27. \*\* \*Joo, S., Ferron, J., **Moeyaert, M.**, Beretvas, S. N., & Van den Noortgate, W. (2018). The impact of response-guided baseline phase extensions on treatment effect estimates. *Research in Developmental Disabilities*, 79, 77-87. <https://doi.org/10.1016/j.ridd.2017.12.018> (IF<sub>Current</sub> = 3.3, IF = 2.376)

26. <sup>1</sup>**Moeyaert, M.**, \*Brosnan, J., Brooks, K., Healy, O., Heyvaert, M., Onghena, P., & Van den Noortgate, W. (2018). Multilevel analysis of multiple-baseline data evaluating precision teaching as an intervention for improving fluency in foundational reading skills for at risk readers. *Exceptionality*, 26(3), 137-161. <https://doi.org/10.1080/09362835.2016.1238378> ( $IF_{Current} = 1.7$ ,  $IF = 1.165$ )

25. \*Stone, M., Friedlander, M.L., **Moeyaert, M.** (2018). Illustrating novel techniques for analyzing single-case experiments: Effects of pre-session mindfulness practice. *Journal of Counseling Psychology*, 65(6), 690-702. <https://doi.org/10.1037/cou0000291> ( $IF_{Current} = 5.2$ ,  $IF = 4.404$ )

24. Asaro-Saddler, K., Saddler, B., **Moeyaert, M.**, & Ellis-Robinson, T. (2017). Effects of a summarizing strategy on written summaries of children with emotional and behavioral disorders. *Remedial and Special Education*, 38(2), 87-97. <https://doi.org/10.1177/0741932516669051> ( $IF_{Current} = 3.4$ ,  $IF = 2.709$ )

23. \*\*Heyvaert, M., **Moeyaert, M.**, Verkempynck, P., Van Den Noortgate, W., Vervloet, M., Ugille.M., & Onghena, P. (2017). Testing the intervention effect in single-case experiments: A Monte Carlo simulation study. *Journal of Experimental Education*, 85(2), 175-196. <https://doi.org/10.1080/00220973.2015.1123667> ( $IF_{Current} = 2.4$ ,  $IF = 2.451$ )

22. \*\* \*Joo, S., Ferron, J., **Moeyaert, M.**, Beretvas, S., & Van den Noortgate, W. (2017). Approaches for specifying the level-1 error structure when synthesizing single-case data. *Journal of Experimental Education*, 87(1), 55-74. <https://doi.org/10.1080/00220973.2017.1409181> ( $IF_{Current} = 2.4$ ,  $IF = 2.451$ )

21. Klingbeil, D., **Moeyaert, M.**, Archerm, C., Chimnoza, T. M., & Zwolski, S. A. (2017). Efficacy of peer-mediated incremental rehearsal for English Language Learners. *School Psychology Review*, 46(1), 122-140. <https://doi.org/10.1080/02796015.2017.12087605> ( $IF_{Current} = 4.4$ ,  $IF = 2.844$ )

20. Lobo, M., **Moeyaert, M.**, Babik, I., & Cunha, A. (2017). Single-case experimental design, analysis, and quality assessment for intervention research. *Journal of Neurologic Physical Therapy*, 41(3), 187-197. <https://doi.org/10.1097/NPT.0000000000000187> ( $IF_{Current} = 4.2$ ,  $IF = 3.743$ )

19. \*\*Manolov, R., & **Moeyaert, M.** (2017). Recommendations for choosing single-case data analytical techniques. *Behavior Therapy*, 48(1), 97-114. <https://doi.org/10.1016/j.beth.2016.04.008> ( $IF_{Current} = 4.3$ ,  $IF = 4.346$ )

18. \*\*Manolov, R., & **Moeyaert, M.** (2017). How can single-case data be analyzed? Software resources, tutorial, and reflections on analysis. *Behavior Modification*, 41(2), 179-228. <https://doi.org/10.1177/0145445516664307> ( $IF_{Current} = 2.6$ ,  $IF = 2.149$ )

17. \*\***Moeyaert, M.**, Rindskopf, D., Onghena, P., & Van den Noortgate, W. (2017). Multilevel

<sup>1</sup> Brosnan and Moeyaert are jointly first authors.

modeling of single-case data: A comparison of Maximum Likelihood and Bayesian estimation. *Psychological Methods*, 22(4), 760-778.  
<https://doi.org/10.1037/met0000136> (IF<sub>Current</sub> = 10.0, IF = 10.315)

16. \*\*Moeyaert, M., Ugille, M., Beretvas, S., Ferron, J., & Van Den Noortgate, W. (2017). Methods for dealing with multiple outcomes in meta-analysis: A comparison between averaging effect sizes, robust variance estimation and multilevel meta-analysis. *International Journal of Social Research Methodology*, 20(6), 559-572.  
<https://doi.org/10.1080/13645579.2016.1252189> (IF<sub>Current</sub> = 4.5, IF = 2.099)

15. Onghena, P., \*Michiels, B., Jamshidi, L., **Moeyaert, M.**, & Van den Noortgate, W. (2017). One by one: Accumulating evidence by using meta-analytical procedures for single-case experiments. *Brain Impairment*, 19(1), 33-58. <https://doi.org/10.1017/BrImp.2017.25> (IF<sub>Current</sub> = 1.3, IF = 0.991)

14. \*\*Moeyaert, M., Maggin, D.M., & Verkuilen, J. (2016). Reliability, validity, and usability of data extraction programs for single-case research designs. *Behavior Modification*, 40(6), 874-900. <https://doi.org/10.1177/0145445516645763> (IF<sub>Current</sub> = 2.6, IF = 2.323)

13. \*\*Moeyaert, M., Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2016). The misspecification of the covariance structures in multilevel models for single-case data: A Monte Carlo simulation study. *Journal of Experimental Education*, 84(3), 473-509.  
<https://doi.org/10.1080/00220973.2015.1065216> (IF<sub>Current</sub> = 2.4, IF = 1.653)

12. \*\*Moeyaert, M., Wauters, K., Desmet, P., & Van Den Noortgate, W. (2016). When easy becomes boring and difficult becomes frustrating: Disentangling the effects of item difficulty level and person proficiency on learning and motivation. *Systems*, 4(1), 14.  
<https://doi.org/10.3390/systems4010014> (IF<sub>Current</sub> = 3.1, IFs at year of publication not available)

11. Vandercruyse, S., ter Vrugte, J., de Jong, T., Wouters, P., van Oostendorp, H., **Moeyaert, M.**, & Elen, J. (2016). The effectiveness of a math game: The impact of integrating conceptual clarifications as support. *Computers in Human Behavior*, 64, 21-33. <https://doi.org/10.1016/j.chb.2016.06.004> (IF<sub>Current</sub> = 10.6, IF = 4.252)

10. \*\*Moeyaert, M., Ugille, M., Ferron, J., Onghena, P., Heyvaert, M., Beretvas, & Van den Noortgate, W. (2015). Estimating intervention effects across different types of single-subject experimental designs: Empirical illustration. *School Psychology Quarterly*, 25(1), 191-211. <https://doi.org/10.1037/spq0000068> (IF = 3.286, Current IFs not available)

9. \*\*Baek, E., **Moeyaert, M.**, Petit-Bois, M., Van den Noortgate, W., Beretvas, S., & Ferron, J. (2014). The use of multilevel analysis for integrating single-case experimental design results within a study and across studies. *Neuropsychological Rehabilitation*, 24(3-4), 590-606. <https://doi.org/10.1080/09602011.2013.835740> (IF<sub>Current</sub> = 2.7, IF = 2.453)

8. \*\*Ferron, J. M., **Moeyaert, M.**, Van den Noortgate, W., Beretvas, S. N. (2014). Estimating causal effects from multiple-baseline studies: Implications for design and analysis. *Psychological Methods*, 19(4), 493-510. <https://doi.org/10.1037/a0037038> (IF<sub>Current</sub> = 10.0, IF = 9.414)

7. \*\***Moeyaert, M.**, Ferron, J., Beretvas, S., & Van den Noortgate, W. (2014). From a single-level analysis to a multilevel analysis of single-subject experimental data. *Journal of School Psychology*, 52(2), 191-211. <https://doi.org/10.1016/j.jsp.2013.11.003> (IF<sub>Current</sub> = 3.1, IFs year of publication not available)

6. \*\***Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van den Noortgate, W. (2014). The influence of the design matrix on treatment effect estimates in the quantitative analyses of single-case experimental design research. *Behavior Modification*, 38(5), 665-704. <https://doi.org/10.1177/0145445514535243> (IF<sub>Current</sub> = 2.6, IF = 2.083)

5. \*\*Ugille, M., **Moeyaert, M.**, Beretvas, S., Ferron, J., & Van Den Noortgate, W. (2014). Bias corrections for standardized effect size estimates used with single-subject experimental designs. *Journal of Experimental Education*, 82(3), 358-374. <https://doi.org/10.1080/00220973.2013.813366> (IF<sub>Current</sub> = 2.4, IF = 1.346)

4. \*\***Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van den Noortgate, W. (2013). Three-level analysis of single-case experimental data: Empirical validation. *Journal of Experimental Education*, 82(1), 1-21. <https://doi.org/10.1080/00220973.2012.745470> (IF<sub>Current</sub> = 2.4, IF = 1.353)

3. \*\***Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van den Noortgate, W. (2013). The three-level synthesis of standardized single-subject experimental data: A Monte Carlo simulation study. *Multivariate Behavioral Research*, 48(5), 719-748. <https://doi.org/10.1080/00273171.2013.816621> (IF<sub>Current</sub> = 4.7, IF = 2.464)

2. \*\***Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2013). Modeling external events in the three-level analysis of multiple-baseline across-participants designs: A simulation study. *Behavior Research Methods*, 45(2), 547-559. <https://doi.org/10.3758/s13428-012-0274-1> (IF<sub>Current</sub> = 6.8, IF = 4.986)

1. \*\*Ugille, M., **Moeyaert, M.**, Beretvas, S., Ferron, J., & Van Den Noortgate, W. (2012). Multilevel meta-analysis of single-subject experimental designs: A simulation study. *Behavior Research Methods*, 44(4), 1244-1254. <https://doi.org/10.3758/s13428-012-0213-1> (IF<sub>Current</sub> = 6.8, IF = 4.839)

## Book Chapters (N = 2)

**Moeyaert, M.**, Zimmerman, K. N., & Ledford, Jennifer. R. (2018). Synthesis and Meta-analysis of Single Case Research. In J. R. Ledford & D. L. Gast (Eds.), *Single Case Research Methodology* (1st ed., pp. 393–416). Routledge. <https://doi.org/10.4324/9781315150666-14>

Virues-Ortega, J., **Moeyaert, M.**, Sivaraman, M., Rodríguez, A.T., Castilla, B.F. (2023). Quantifying outcomes in applied behavior analysis through visual and statistical analyses: A synthesis. In: Matson, J.L. (eds), *Handbook of Applied Behavior Analysis. Autism and Child Psychopathology Series*. Springer, Cham. [https://doi.org/10.1007/978-3-031-19964-6\\_28](https://doi.org/10.1007/978-3-031-19964-6_28)

## Invited Newsletter Articles (N = 2)

**Moeyaert, M.** (2017). Three-level synthesis of single-subject experimental data: Further extensions, empirical validation and applications. *APA, The Score*.

**Moeyaert, M.** (2024). Statistical Analysis and Meta-Analysis of Single-Case Experimental Data, *The Japanese Association for Behavior Analysis, 114*, 4-6.

## WORK IN PROGRESS

### Manuscripts under Review in Peer Reviewed Journals (N = 11)

#### Revise and Resubmit (N = 6)

\*Benavides Corcelles, M. X., Schuengel, C., & Jacomarg Smith, M., & **Moeyaert, M.** (revise and resubmit). Trauma-specific interventions for individuals with intellectual disabilities: A meta-analysis of single-case experiments. *Trauma, Violence, & Abuse*.

\*\* \*Declercq, L., **Moeyaert, M.**, Beretvas, S., Ferron, J., & Van den Noortgate (revise and resubmit). Weighting strategies for multilevel meta-analysis of single-case experimental design data with multiple outcomes. *Multivariate Behavioral Research*.

Kethineni, S., Frazier-Kouassi, S.; Sundaravadivelu,D., **Moeyaert, M.**, Reid, R., Vijayan, V., Neha Miriyam, T., McIntosh, S., Higemoto, Y., Jennings, W.G., Cardwell, S. M., Piquero, A.R. (revise and resubmit). Effectiveness of parent-engagement programs to reduce truancy and juvenile delinquency: A systematic review. *Campbell Systematic Reviews*.

\*Lan, L., **Moeyaert, M.**, & \*Orlowski, E. (revise and resubmit). The effects of mind-body intervention on mental health outcomes for individuals with Autism Spectrum Disorder: A meta-analysis of randomized controlled trials. *Research in Autism*.

\*\***Moeyaert, M.**, Miočević, M., Lou, Y., & Valente, M. (revise and resubmit). Synthesis of single-case design mediation effects using two-stage multilevel modeling. *Behavior Research Methods*.

\*Payne, A. L., Solomon, B., VanDerHeyden, A., **Moeyaert, M.**, & Xu, X. (revise and resubmit). Decision-making at the classwide level: The accuracy of intermittent measurement using math CBM. *Journal of School Psychology*.

#### Under Review (N = 5)

Muldoon, D. M., & **Moeyaert, M.** (under review). Multilevel analysis of telehealth service delivery on verbal output of young children with Autism Spectrum Disorder. *American Journal of Speech-Language Pathology*.

Rojo, M., & **Moeyaert, M.**, Baffoe, E., Gonzalez, R., Mokashi, M., & Aneke, L. (under review). A meta-analysis of mathematics interventions for students with Autism Spectrum Disorder. *Review of Educational Research*.

\*Straiton, D., **Moeyaert, M.**, & Greatorex, J., Ewell, A., & Ingersoll, B. (under review). Examining the active ingredients of a group consultation model to improve

implementation of a parent coaching intervention for autism: Effects on clinician fidelity and other implementation outcomes. *Autism*.

Tiemi da Silva Sato, N., Cunha, A. B., Zambello, V., **Moeyaert, M.**, & Tudella, E. (under review). Assessing the feasibility and efficacy of task-specific training on reaching and trunk control in preterm infants compared to positioning training: A randomized clinical trial. *Physical & Occupational Therapy in Pediatrics*.

\* \*\*Xu, X., **Moeyaert, M.**, & Van den Noortgate, W. (under review). Sampling distribution of non-overlap indices using Bootstrapping procedure: A Monte Carlo simulation study and empirical demonstration. *Behavior Research Methods*.

### **Work in Preparation for Submission to Peer Reviewed Journals (N = 13)**

\*\*Drevon, D. D., **Moeyaert, M.**, Dowdy, A., & Peltier, C. (in preparation). Quality indicators for single-case meta-analysis.

Ferron, J., & Moeyaert, M. (in preparation). Using case-specific effect sizes to complement visual analysis.

Lee, J., & Moeyaert, M. (in preparation). Meta-analysis of algebra interventions for secondary students with mathematics disabilities.

\*\*\* Lou, Y., **Moeyaert, M.**, & Wesling, P. (In preparation). Generative AI for smarter evidence synthesis: Text extraction in single-case design studies.

**Moeyaert, M.**, \*Straiton, D., & Ingersoll, B. (in preparation). Usage of two-level hierarchical linear modeling for component analysis in single-case experimental designs.

\*Orlando, J., **Moeyaert, M.**, & Lobo, M. (in preparation). Examining the effects of play education on infant object exploration behaviors: A single-case experimental design study.

\*Orlando, J., **Moeyaert, M.**, & Lobo, M. (in preparation). Do parents' perceptions about play education moderate the effects of a play education intervention on child developmental outcomes?

\*Probst, C., Weeks, B., & **Moeyaert, M.** (in preparation). Bergmann's Rule: A meta-analysis.

Puccioni, J. L., & **Moeyaert, M.** (in preparation). Differential associations of preschool teachers' outreach efforts on measures of school readiness for children from economically disadvantaged backgrounds.

\*Straiton, D., **Moeyaert, M.**, & Ingersoll, B. (in preparation). Untapping the potential of multilevel modeling within single-case designs to feasibly identify active ingredients and mechanisms of implementation strategies.

Wendt, O., **Moeyaert, M.**, Fingerhut, J., Xue, Y., & Miller, T. B. (in preparation). A scoping review of quality appraisal and risk-of-bias assessment tools for single-case experimental designs.

\*Xu, X., & Moeyaert, M. (in preparation). PowerSCED: A tool for a priori power calculations for the design of single-case experimental designs.

Xue, Y., Moeyaert, M., Baek, E., & Solomon, B. (in preparation). Individual participant data meta-analysis for single-case experimental design data with autocorrelation.

## SOFTWARE TOOLS

Cacciotti, D., Moeyaert, M., Ferron, J., & Bursali, S. (2021). Single Case Design MVA (Version 1.0) [Mobile application]. <https://singlecasemva.app/>

Declercq, L., Cools, W., Beretvas, S. N., Moeyaert, M., Ferron, J. M., & Van den Noortgate, W. (2018). MultiSCED (Version 1.0) [Web Application]. <http://34.251.13.245/MultiSCED/>

Fingerhut, J., Marbou, K., & Moeyaert, M. (2020). Single-Case Metric Ranking Tool (Version 1.2) [Microsoft Excel tool]. <https://www.doi.org/10.17605/OSF.IO/7USBJ>

Moeyaert, M., & Xu, X. (2022). PowerSCED (Version 1.0) [Web application]. <https://okq9ht-mariolamoeyaert.shinyapps.io/PowerSCED/>

## GRANT FUNDING

### Federal

#### *Federal Funded Proposals (N = 12)*

Role: Principal Investigator

Project: Applying multilevel modeling to single-case meta-analysis with assistance of AI

Source: FCT Mobility Program of Portugal

Time Period: 1/1/26-1/31/26

Total Funding: \$20,000 (funded)

Role: Co-Principal Investigator (PI: Matthew Valente)

Project: Methods for Investigating Causal Mechanisms in Single-Case Experimental Designs

Source: Institute of Educational Sciences

Time Period: 9/1/24-8/31/27

Total Funding: \$ 896,181.00 (funded)

Role: Principal Investigator

Project: Statistical analysis and meta-analysis of single-case research

Source: Japan Society for the Promotion of Science (JSPS)

Time Period: 10/1/23-10/30/23

Total Funding: \$50,000 (funded)

Role: Principal Investigator

Project: Assessing generalizability and variability of SCED effect sizes using multilevel modeling including moderators

Source: Institute of Educational Sciences

Time Period: 7/1/19-12/31/22

Total Funding: \$224,998 (funded)

Role: Co-Principal Investigator (PI: Wim Van den Noortgate)

Project: Multilevel modeling of SCED data: Handling data and design complexities

Source: Institute of Educational Sciences

Time Period: 7/1/15-8/31/19

Total Funding: \$899,524 (funded)

Role: Senior Personnel (PI: Alan Chen)

Project: MRI-Acquisition of High Performance Computing Nodes to support an Accessible Research and Teaching Instrument

Source: National Sciences Foundation

Time Period: 7/1/20-8/31/24

Total Funding: \$415,528 Direct Costs (funded)

Role: Key Personnel/Instructor (PI: Wendy Machalicek)

Project: Training Institute on Single-Case Intervention Research Design and Analysis

Source: Institute of Educational Sciences

Time Period: 7/1/20 8/31/23

Total Funding: \$900,000 (funded)

Role: Consultant (PI: Virginia Byrne)

Project: The Learning and Engaging at a Distance (LEAD) Initiative: Exploring Trauma-Informed Online Teaching Practices in Higher Education

Source: Institute of Education Sciences

Time Period: 7/1/23-8/31/25

Total Funding: \$300,000 (funded)

Role: Consultant (PI: Jaime Puccioni)

Project: Estimating the direct and indirect effects preschool teachers' outreach efforts on children's academic and socio-emotional outcomes during the transition to elementary school

Source: Foundation for Child Development

Time Period: 7/1/17-8/31/20

Total Funding: \$150,498 (funded)

Role: Consultant (PI: Ralf Schlosser)

Project: Effects of augmentative and alternative communication interventions on speech production in individuals with autism spectrum disorders and other developmental disabilities: A systematic review and meta-analysis.

Source: Health Resources and Services Administration

Time Period: 7/1/19-6/30/22

Total Funding: \$ 99,993 (funded)

Role: Consultant (PI: Alison Behrman)

Project: Rhythmic entrainment in bilingual speakers with dysarthria

Source: National Institute of Health

Time Period: 7/1/17-6/30/22

Total Funding: \$2,929,315 (funded)

Role: Consultant (PI: Michael Coyne)

Project: New England integrated multi-tiered systems of support

Source: Institute of Education Sciences

Time Period: 7/1/19-8/31/22

Total Funding: \$ 900,000 (funded)

### ***Federal Proposals Under Review (N = 4)***

Role: Co-Principal Investigator (PI: Callie Burt)

Project: Evaluating polygenic index studies in social science: A systematic review and reanalysis of foundational Studies

Source: National Institutes of Health

Time Period: 7/1/26-8/31/29

Total Funding: \$2,658,268 (under review)

Role: Consultant (PI: Ana Camacho)

Project: Meta-analysis of Single-Case Experimental Design Interventions in Writing

Source: Ciencia (Portuguese funding agency)

Time Period: 12/1/25-11/30/27

Total Funding: 60,000 EUR (under review)

Role: Consultant (PI: Simon Hackett)

Project: Group art Therapy Intervention for communicating the Needs of children with long-term health conditions (GAIN): Multilevel meta-analysis single-subject experimental design.

Source: National Institute for Health and Care Research

Time Period: 4/1/26-6/30/28

Total Funding: \$ 270,0850.73 (under review)

Role: Consultant (PI: Alexandra Shelton)

Project: Project CLICK: Cultivating Literacy to Increase Content Knowledge among High School Students with Intellectual Disability.

Source: Institute of Education Sciences

Time Period: 7/31/26-8/1/29

Total Funding: \$ 300,000 (under review)

### ***Federal Proposals Not Funded (N = 22)***

Role: Principal Investigator

Project: Investigating the potential of artificial intelligence in systematic review and meta-analysis of evidence from single-case intervention research

Source: Spencer Foundation

Time Period: 7/1/26-6/30/28

Total Requested Funding: \$417,105

Role: Co-Principal Investigator (PI: Joelle Fingerhut)

Project: Comprehensive toolkit for effect size calculation and structured visual analysis of single-case experimental design data

Source: Institute of Educational Sciences

Time Period: 8/1/24-7/31/26

Total Requested Funding: \$ 349,141

Role: Co-Principal Investigator (PI: Michele Lobo)

Project: Comparative effectiveness of parent education to optimize child outcomes in early childhood

Source: National Institutes of Health

Time Period: 12/1/22-11/30/27

Total Requested Funding: \$ 1,900,000

Role: Co-Principal Investigator (PI: Birdie Ganz)

Project: Partnering with caregivers: empowering diverse family members to promote augmentative and alternative communication use

Source: Institute of Educational Sciences

Time Period: 7/1/24-8/31/28

Total Requested Funding: \$ 1,200,000

Role: Co-Principal Investigator (PI: Rose Mason)

Project: Evidence-based practice in inclusive settings for students with Autism: A meta-Analysis

Source: Institute of Educational Sciences

Time Period: 7/1/24-8/31/28

Total Requested Funding: \$ 1,200,000

Role: Co-Principal Investigator (PI: Leslie Neely)

Project: Functional communication training meta-analysis for decision making

Source: Institute of Educational Sciences

Time Period: 7/1/24-8/31/28

Total Requested Funding: \$ 1,200,000

Role: Co-Investigator (PI: Corey Peltier)

Project: Comprehensive Meta-Analysis of Word-Problem Interventions

Source: Institute of Educational Sciences

Time Period: 7/1/22-6/30/25

Total Requested Funding: \$ 900,000

Role: Co-Principal Investigator (PI: Michele Lobo)

Project: Baby play intervention program: Promoting motor, cognitive, and language outcomes for preterm infants through parent education

Source: Institute of Educational Sciences

Time Period: 7/1/22-6/30/28

Total Requested Funding: \$ 900,000

Role: Co-Principal Investigator (PI: Michele Lobo)

Project: The baby play program: Promoting motor, cognitive, and language outcomes for infants at risk for delays by educating parents on optimal early play practices

Source: Institute of Educational Sciences

Time Period: 7/1/21-8/31/25

Total Requested Funding: \$ 1,400,000

Role: Co-Principal Investigator (PI: Peter Shea)

Project: Student achievement, progress, persistence, and success in Higher Education in the Pandemic: An Inter-institutional investigation

Source: Institute of Educational Sciences

Time Period: 7/1/21-8/31/25

Total Requested Funding: \$ 1,677,108

Role: Co-Principal Investigator (PI: David Dai)

Project: Giftedness in the making: A study of dynamic gifted performance across cultures

Source: American Psychological Foundation

Time Period: 7/1/20-8/31/21

Total Requested Funding: \$ 49,994

Role: Co-Principal Investigator (PI: Wim Van den Noortgate)

Project: Handling methodological complexities in multilevel meta-analytic

dataSource: Institute of Educational Sciences

Time Period: 7/1/20-8/31/23

Total Requested Funding: \$ 1,385,985

Role: Co-Principal Investigator (PI: Michele Lobo)

Project: Efficacy of early parent education for improving motor and cognitive outcomes for infants born preterm

Source: National Institute of Health

Time Period: 7/1/20-8/31/24

Total Requested Funding: \$ 3,715,908

Role: Principal Investigator

Project: Assessing generalizability and variability of SCED effect sizes using multilevel modeling including moderators

Source: National Sciences Foundation

Time Period: 7/1/18-8/31/22

Total Requested Funding: \$ 199,493

Role: Principal Investigator

Project: The power of designing multilevel modeling to synthesize effect sizes including moderators

Source: American Psychology Association Division 15 – Educational Psychology

Time Period: 7/1/19-8/31/21

Total Requested Funding: \$ 6,000

Role: Principal Investigator

Project: Assessing generalizability and variability of SCED effect sizes using multilevel modeling including moderators

Source: Institute of Educational Sciences

Time Period: 7/1/17-8/31/19

Total Requested Funding: \$ 199,493

Role: Principal Investigator

Project: Using quasi-likelihood to process single case data for meta-analysis

Source: Institute of Educational Sciences

Time Period: 7/1/17-8/31/19

Total Requested Funding: \$ 520,187

Role: Consultant (PI: Ralf Schlosser)

Project: Visual Immersion for Children with Autism Spectrum Disorder in South African Classrooms

Source: Spencer Foundation

Time Period: 7/1/24-6/30/27

Role: Consultant (PI: Brandi Simmonsen)

Project: Strengthening Tiers 1 and 3 intervention alignment for better learner experiences

Source: Institute of Educational Sciences

Time Period: 7/1/24-8/31/28

Role: Consultant (PI: Ralf Schlosser)

Project: Establishing evidence-based input modalities for minimally verbal children with Autism

Source: NIDILRR

Time Period: 7/1/23-6/30/25

Role: Consultant (PI - Michelle Lobo)

Project: Exoskeletal garments to improve function for children with movement impairments

Source: National Institute of General Medical Sciences

Time Period: 7/1/17-8/31/20

Role: Consultant (PI: Dr. Bettini)

Project: CAPACITY Consortium

Source: NIDILRR

Time Period: 7/1/24-6/30/27

## **State (N = 2)**

Role: Consultant (PI: Peter Shea)

Project: Online learning in community colleges in NY State: Differences between classroom-only and online learners

Source: New York State

Time Period: 7/1/16-8/31/18

Funded

Role: Consultant (Director Amber Mooney, The Business Council of New York)

Project: The Public Policy Institute Surveys P-TECH Effectiveness

Source: New York State

Time Period: 3/1/20-6/30/20

Funded

## **Foundations and Other External Sponsors (N = 6)**

Role: Co-Principal Investigator (PI: Milica Miočević)

Project: Single Subject Causal Mediation Analysis

Source: Lorentz center, The Netherlands

Time Period: 7/1/19-8/31/19

Total Funding: \$14,520 (funded)

Role: Principal Investigator

Project: Three-level analysis of single-case experimental data: Characteristics and methodological issues

Source: Flemish Research Foundation Time Period: 7/1/14-8/31/17

Total Funding: \$201, 600 (funded)

Role: Principal Investigator

Project: Bayesian estimation procedures

Source: Flemish Research Foundation

Time Period: 7/1/14-8/31/15

Total Funding: \$10, 000 (funded)

Role: Principal Investigator

Project: Multilevel synthesis of single-case experimental data: Further developments and empirical validation

Source: Flemish Research Foundation

Time Period: 7/1/12-8/31/16

Total Funding: \$86,400 (funded)

Role: Consultant (PI: Alison Behrman)

Project: The clear speech benefit in Spanish-accented speakers of American English

Source: The American Speech-Language-Hearing Association

Time Period: 7/1/16-8/31/18

Funded

Role: Consultant (PI: Garret Hall)

Project: Increasing the external validity of single-case research designs with multilevel regression and poststratification

Source: Florida State University

Time Period: 7/1/25-6/30/27

Under Review

## **University at Albany (N = 1)**

Role: Principal Investigator

Project: Evidence based decisions, research and practice in education through meta-analysis:

Reliability and validity of complex coding

Source: Faculty Research Awards Program (FRAP A)

Time Period: 7/1/16-8/31/17

Total Funding: \$5,607 (funded)

## **Katholieke University Leuven – KU Leuven (N = 1)**

Role: Principal Investigator

Project: Multilevel modeling: misspecification and estimation procedures

Source: Junior Mobility Program, KU Leuven

Time Period: 7/1/12-8/31/13

Total Funding: \$10,500 (funded)



## PRESENTATIONS AT SCHOLARLY CONFERENCES (N=98)

\* indicates student co-author

Lee, J., Flores, M., Satsangi, R., **Moeyaert, M.**, Kong, J., Akther, S. S., Miller, A. H., Smith, C. M., & Carcoba-Falomir, G. (February, 2026). *A Meta-Analysis of Interventions for Algebraic Concepts and Skills of Secondary Students with Mathematics Disabilities*. [Panel presentation]. Pacific Coast Research Conference (PCRC), Long Beach, CA, United States.

Miočević, M., **Moeyaert, M.**, \*Maiz, S., & Valente, M. J. (February, 2026). *Two-stage synthesis of findings from single case mediation analysis* [Paper presentation]. Australasian Mathematical Psychology Conference (AMPC), Singapore.

Lou, Y., & **Moeyaert, M.** (October, 2025). *Exploring Generative Artificial Intelligence for Data Extraction in Single Case Design Meta-analysis*. [Paper Session], Artificial Intelligence in Measurement & Education Conference, Pittsburg, PA, United States.

Camacho, A., Alves, A., McTigue, E., **Moeyaert, M.**, & Vibeke, R. (August, 2025). *A meta-analysis of single-case design writing interventions from 2008 to 2024* [Paper Session], European Association for Research on Learning and Instruction, Graz, Austria.

Xue, Y., \*Xue, Y., **Moeyaert, M.**, & McMahon, D. (August, 2025). *Effectiveness of augmented reality interventions for people with ASD/IDD: A Bayesian meta-analysis* [Poster Session], Annual Meeting of the American Psychological Association, Denver, CO, United States, United States.

**Moeyaert, M.**, Valente, M., Miocevic, M., & \*Maiz García, S. I. (April, 2025). *Synthesis of single-case design mediation effects using two-stage multilevel modeling* [Structured Poster Session], Annual Meeting of the American Education Research Association, Denver, CO, United States.

**Moeyaert, M.**, Lou, Y., Fingerhut, J., Yan, P, Miocevic, M., Valente, M., &. (April, 2025). *Systematic review of single-case designs to identify mediator characteristics* [Structured Poster Session], Annual Meeting of the American Education Research Association, Denver, CO, United States.

Van den Noortgate, W., & **Moeyaert, M.** (April, 2025). *Variance estimation in SCED meta-analysis: Bootstrapping to the rescue* [Structured Poster Session], Annual Meeting of the American Education Research Association, Denver, CO, United States.

\*Xue, Y., & **Moeyaert, M.** (April, 2025). *Analysis of standardized single-case experimental data in presence of autocorrelation: A Monte Carlo simulation study* [Structured Poster Session], Annual Meeting of the American Education Research Association, Denver, CO, United States.

Wendt, O., **Moeyaert, M.**, Fingerhut, J., & Miller, T. B. (April, 2025). *A scoping review of quality appraisal and risk-of-bias assessment tools for single-case experimental designs* [Structured Poster Session], Annual Meeting of the American Education Research Association, Denver, CO, United States.

Byrne, V. L., Mondrey, M., Folami, A. O., **Moeyaert, M.**, & Licata-Hoang, C. (April, 2025). *Presenting a valid and reliable measure of trauma-informed online teaching for undergraduate asynchronous online courses* [Paper session], Annual Meeting of the American Education Research Association, Denver, CO, United States.

\*Yu, E. CY, Andrade, H., **Moeyaert, M.** Van den Noortgate, W., William, D., Kim, Y., Lui, A., & Akhmedjanova, D. (2025, April). *Effects of formative assessment on students' regulation of learning: A meta-Analysis* [Paper session], Annual Meeting of the American Educational Research Association, Denver, CO, United States.

Orlando, J. M., **Moeyaert, M.**, Alghamdi, Z., & Lobo, M. A. (2025, February). *Play education improves child development: A randomized controlled trial* [Paper session], American Physical Therapy Association, Houston, TX, United States.

Orlando, J. M., Namit, S., Banoub, A., **Moeyaert, M.**, & Lobo, M. A. (2025, February). *Play education improves exploration for infants at risk of delays: Randomized controlled trial secondary analysis* [Paper session], American Physical Therapy Association, Houston, TX, United States.

\*ChingYen, E., Andrade, Lui, A., Akhmedjanova, D., Kim, Y., & **Moeyaert, M.** (2024, September). *Effects of formative assessment on students' regulation of learning: A meta-Analysis* [Paper session], 2024 NCME Special Conference on Classroom Assessment, Chicago, IL, United States.

Straiton, D., **Moeyaert, M.**, Greatorex, J., & Ingersoll, B. (2024, September). *Untapping the potential of multilevel modeling of single-case designs to identify active ingredients of implementation strategies* [Paper session], Society for Implementation Research Collaboration, Denver, CO, United States.

Isaac, A., Herrenkohl, L., Cervetti, G., Moeyaert, M., & Behnagh, R. (2024, May). *K-12 Arabic (Second Language) learning framework: Storytelling, play and sociocultural approach* [Poster Session], NAFSA: Association of International Educators, New Orleans, LA, United States.

Eisman, A. B., & **Moeyaert, M.** (2024, May). *Addressing the opioid crisis: Assessing adolescent health curriculum adaptations for prevention* [Paper session], Society of Prevention Research 32<sup>nd</sup> Annual Meeting, Washington, DC, United States.

**Moeyaert, M.**, Miočević, M., Klaassen, F., & Geuke, G. (2024, April). *Optimal practices for mediation analysis in AB single case experimental designs* [Structured Poster Session], Annual Meeting of the American Educational Research Association, Philadelphia, PA, United States.

**Moeyaert, M.**, Yang, P., \*Xue, Y., & \*Lu, Y. (2024, April). *Impact of imbalances in single-case multilevel analysis: A Monte Carlo simulation study* [Structured Poster Session], Annual Meeting of the American Educational Research Association, Philadelphia, PA, United States.

\*Xue, Y., \*Xu, X., **Moeyaert, M.**, & Van den Noortgate, W. (2024, April). *Sampling distribution of non-overlap indices using bootstrapping procedure: A Monte Carlo*

*simulation study* [Structured Poster Session], Annual Meeting of the American Educational Research Association. Philadelphia, PA, United States.

Straiton, D., Greatorex, J., **Moeyaert, M.**, & Ingersoll, B. (2024, May). *Effects of a naturalistic developmental behavioral intervention on social communication outcomes for medicaid-enrolled Autistic Children* [Paper session], Association for Applied Behavior Analysis International Annual Convention, Philadelphia, PA, United States.

**Moeyaert, M.** (2023, August). *The usage of individual patient data meta-analysis with the inclusion of moderators to synthesize personalized trials* [Paper session], Joint Statistical Meetings, Toronto, Canada.

Orlando, J., **Moeyaert, M.**, Alghamdi, Z., & Lobo, M. (2023, July). *Enriched parent education about how to play with infants can advance infant development* [Paper session], American Physical Therapy Association, Washington, DC, United States.

Schlosser, R., Wendt, O., & **Moeyaert, M.** (2023, July). *Effects of AAC interventions on speech production in individuals with Autism: Systematic review and meta-analysis* [Paper session], International Society for Augmentative and Alternative Communication, Cancun.

**Moeyaert, M.** (2023, June). *Individual participant data meta-analysis including moderators: Empirical validation* [Paper session], Virtual Modern Modeling Methods Conference, Storrs, CT.

**Moeyaert, M.** (2023, May). *Individual patient data meta-analysis with the inclusion of moderators* [Paper session], New England Statistics Virtual Symposium.

**Moeyaert, M.** (2023, May). *Statistical issues related to single-case research* [Poster Session], Single-Case Research Conference, Vanderbilt University, Nashville, TN, United States.

Greatorex, J., Straiton, D., **Moeyaert, M.**, & Ingersoll, B. (2023, May). *Improvement in Autism-related challenges for Autistic Youth receiving project ImPACT in the Medicaid system* [Paper session], International Society for Autism Research, Stockholm, Sweden.

Straiton, D., Greatorex, J., **Moeyaert, M.**, & Ingersoll, B. (2023, May). *Effect of group consultation training activities on clinician adherence to the project ImPACT manual and parent coaching competency* [Paper session], International Society for Autism Research, Stockholm, Sweden.

**Moeyaert, M.** (2023, April). *Inferential statistics in single-case experimental designs: An overview* [Keynote lecture]. Small is Beautiful {Once More} - Third International Symposium, Leuven, Belgium.

**Moeyaert, M.** (2023, April). *Meta-analysis of single-case experimental designs using RStudio* [Workshop], Small is Beautiful Symposium on Single-Case Experimental Designs, Leuven, Belgium.

\*Dehghan-Chaleshtori, M., **Moeyaert, M.**, & Yang, P. (2023, April). *Single-case experimental design meta-analyses: A systematic review of methodology* [Paper session], Annual

Meeting of the American Educational Research Association, Chicago, IL, United States.

\*Kelly, E. A., & **Moeyaert, M.** (2023, April). *A classroom of one's own: Heterogeneity in Girls' mathematics achievement using multilevel modeling and TIMSS* [Roundtable session]. Annual Meeting of the American Educational Research Association, Chicago, IL.

Van Beek, A., Ragheb, B., Price, E., MacEwan, J., **Moeyaert, M.**, & Ansell, J. (2023, April). *Outcomes of Warfarin home INR monitoring vs office-based monitoring: A retrospective claims-based analysis* [Paper session], 17<sup>th</sup> National Conference on Anticoagulation Therapy, San Francisco, CA, United States.

Borst, M. A., Moeyaert, M., & Van Rood, Y. R. (2023, March 31). *Eye Movement Desensitization and Reprocessing (EMDR) for persistent physical symptoms: An example of its application for fibromyalgia* [Paper session], EMDR Congress 2023, Theater Flint, Amersfoort, the Netherlands.

\*Wang, W., \*Park, H.K., & **Moeyaert, M.** (2023, March). *The effect of self-compassion on the relationship between mindfulness and eudaimonic well-being* [Paper session], Eastern Psychological Association, Boston, MA, United States.

**Moeyaert, M.** (2022, August). *Single case designs MVA: A mobile application for conducting single-case experimental research remotely* [Paper session], Joint Statistical Meetings, Washington, DC, United States.

Straiton, D., & **Moeyaert, M.** (2022, May). *The effect of time and consultation on ABA provider perceptions of project impact* [Paper session], Annual Meeting of the Association for Behavior Analysis International, Boston, MA, United States.

Virues Ortega, J., Pérez-Bustamante Pereira, A., Martin, N., **Moeyaert, M.**, Krause, P.A., Tarifa-Rodriguez, A., Trujillo, C., Sivaraman, M. (2022, May). *Reducing face-touching through motion sensing and vibrotactile cueing during the COVID-19 pandemic: Treatment effects and disruptor descriptive analysis* [Paper session], Annual Meeting of the Association for Behavior Analysis International, Boston, MA, United States.

**Moeyaert, M.**, Yang, P., Dehghan-Chaleshtori, M, & Van den Noortgate, W. (2022, April). *Empirical investigation of the impact of unbalanced moderators in single-case multilevel meta-analysis: A Monte Carlo simulation study* [Structured Poster Session], Annual Meeting of the American Educational Research Association, San Diego, CA, United States.

\*Fingerhut, J., **Moeyaert, M.**, Manolov, R., & \*Xu, X. (2022, April). *Literature review of justifications provided for single-case quantification techniques* [Structured Poster Session], Annual Meeting of the American Educational Research Association, San Diego, CA, United States.

**Moeyaert, M.**, & Van den Noortgate, W. (2021, June). *Using multilevel modeling to meta-analyze single-case experimental design studies' results* [Post conference workshop] Small Sample Size Solutions Conference, Utrecht, the Netherlands. <https://s4.wp.hum.uu.nl/> (conference canceled)

**Moeyaert, M., & Ferron, J.** (2021, April). *Using the mobile application SCD-MVA for masked visual analysis of single-case studies* [Workshop]. Small is Beautiful Symposium on Single-Case Experimental Designs, Leuven, Belgium.

Puccioni, J., Froiland, J., & **Moeyaert, M.** (2021, April). *Differential associations among transition practices, parental perceptions, involvement, and school readiness for children from economically disadvantaged backgrounds* [Paper session], 2021 SRCD Virtual Biennial.

\*Fingerhut, J., & **Moeyaert, M.** (2021, April). *Creating an Excel Tool to help researchers pick and rationalize SCED metric* [Structured Poster Session], Virtual Annual Meeting of the American Educational Research Association.

\*Dehghan-Chaleshtori, M., & **Moeyaert, M.** (2021, April). *Evaluating methodological quality of SCED studies using the WWC design and evidence standards* [Structured Poster Session], Virtual Annual Meeting of the American Educational Research Association.

\*Fingerhut, J., \*Xu, X. & **Moeyaert, M.** (2021, April). *Impact of within-case variability on Tau-U and regression-based effect size measures for single-case experimental data* [Structured Poster Session], Virtual Annual Meeting of the American Educational Research Association.

\* Yang, P., \*Xu, X., \* Kim, E., & **Moeyaert, M.** (2021, April). *Power to estimate moderator effects in two-level hierarchical linear modeling of single-case data* [Structured Poster Session], Virtual Annual Meeting of the American Educational Research Association.

Wendt, O. Schlosser, R., & **Moeyaert, M.** (2020, November). *Meta-analysis of single-case-experimental designs: The effects of augmentative and alternative communication on speech production in autism and developmental disorders* [Paper session], Virtual Working Group of Empirical Special Educational Research. <https://www.unipotsdam.de/de/inklusion/aesf-herbsttagung-2020>

Wendt, O. Schlosser, R., & **Moeyaert, M.** (2020, August). *Effects of AAC interventions on speech production in ASD: Systematic review and meta-analysis* [Paper session], International Society for Augmentative and Alternative Communication, Cancun, Mexico. <https://www.isaac-online.org/english/home/> (conference canceled)

**Moeyaert, M.** (2020, June). *Using multilevel modeling to meta-analyze single-case experimental design studies' results* [Post conference workshop], Small Sample Size Solutions Conference, Utrecht, the Netherlands. <https://s4.wp.hum.uu.nl/> (conference canceled)

Wendt, O. Schlosser, R., & **Moeyaert, M.** (2020, May). *The effects of augmentative and alternative communication interventions on speech production in autism spectrum disorder: A systematic review and meta-analysis* [Paper session], International Society for Autism Research, Seattle, WA, United States. <https://www.autism-insar.org/page/2020AnnMtg> (conference canceled)

\*Xu, X., \*Kim, E., & **Moeyaert, M.** (2020, April). *Moderators in meta-analyses of single-case*

*experimental design studies.* [Student in progress gala session], Annual Meeting of the American Educational Research Association, San Francisco, CA, United States. (Conference Canceled)

\*Yang, P., \*Xu, X., & **Moeyaert, M.** (2020, April). *Bootstrap multilevel modeling for single-case experimental design studies* [Student in progress gala session], Annual Meeting of the American Educational Research Association, San Francisco, CA, United States. (Conference Canceled)

**Moeyaert, M.** & \*Bursali, S. (2020, April) *Masked visual Analysis for interrupted time series data* [Structured Poster Session], Annual Meeting of the American Educational Research Association, San Francisco, CA, United States. <http://tinyurl.com/y63dhxpl> (Conference Canceled)

\*Xu, X. & **Moeyaert, M.** (2020, April) *Power and Type I error of two-level hierarchical linear modeling of single-case data: misspecification of variances*, [Structured poster session], Annual Meeting of the American Educational Research Association, San Francisco, CA, United States. <http://tinyurl.com/yxkggxxv> (Conference Canceled)

\*Fingerhut, J., \*Xu, X. & **Moeyaert, M.** (2020, April) *Impact of within-case variability on Tau-U and regression-based effect size measures for single-case experimental data* [Roundtable session], Annual Meeting of the American Educational Research Association, San Francisco, CA, United States. <http://tinyurl.com/s3drdke> (Conference Canceled)

**Moeyaert, M.** (December, 2019). *SCED analysis techniques with the emphasis on moderation and mediation* [Workshop], Department of Psychiatry – West, Slagelse, Denmark.

Quinn, K., **Moeyaert, M.**, \*Woofenden, E., \*Eacker, H., (2019, October 4-5). *A meta-analysis to examine using functional behavioral assessment to decrease problem behavior in students with emotional behavior disorders* [Poster presentation]. National PBIS Leadership Forum, Chicago, IL, United States.

\*Xu, X. & **Moeyaert, M.** (2019, October). *Power and Type I error of two-level HLM of single-case data: Misspecification of variances* [Paper session], North Eastern Research Association. Trumbull, CT, United States.

\*Fingerhut, J., & **Moeyaert, M.** (September, 2019). *Training individuals to implement discrete trials with fidelity: A meta-analysis* [Paper session], Association for Behavior Analysis International, Stockholm, Sweden.

**Moeyaert, M.** (2019, August). *Overview single-case experimental design techniques* [Paper session], Single-Subject Causal Mediation Analysis Conference, Leiden, the Netherlands.

\*Fingerhut, J. & **Moeyaert, M.** (May, 2019). *Training individuals to implement discrete trials with fidelity: A meta-analysis* [Structured poster session, Association for Behavior Analysis International, Chicago, IL, United States.

\*Jamshidi, L., Ferron, J., **Moeyaert, M.**, Beretvas, S.N., & Van den Noortgate, W. (2019, April). *Small sample bias correction in multilevel meta-analyses of standardized single-case*

*experimental data* [Paper session], Annual Meeting of the American Educational Research Association, Toronto, Canada.

\*Akhmedjanova, D., & **Moeyaert, M.** (2019, April). *The quantitative analysis of mixed single-case experimental data*. Paper presented at the Annual Meeting of the American Educational Research Association. Toronto, Canada.

\*Declercq, L., Cools, W., Beretvas, S. N., **Moeyaert, M.**, Ferron, J. M., & Van den Noortgate, W. (2019, April). *MultiSCED: A tool for (meta-)analyzing single-case experimental data* [Structured poster session], Annual Meeting of the American Educational Research Association, Toronto, Canada.

\*Hamilton, B., Beretvas, S.N, & **Moeyaert, M.** (2019, April). *Recognizing model uncertainty using Bayesian model averaging* [Structured poster session], Annual Meeting of the American Educational Research Association, Toronto, Canada

**Moeyaert, M.** (2019, January). *Methods for meta-analysis of single-case experimental data* [Paper session], Annual Principal Investigators Meeting Conference (IES), Washington, DC, United States.

\*Rodabaugh, E., & **Moeyaert, M.** (2018, October). *Bayesian estimation of autocorrelation: Multilevel modeling of single-case design data* [Paper session], Northeastern Educational Research Association, Trumbull, CT, United States.

\*Declercq, L., Beretvas, S., **Moeyaert, M.**, Ferron, J., & Van den Noortgate, W. (2018, May). *Handling count data in the analysis of single-case data: The Poisson distribution* [Paper session], Modern Modeling Conference, Storrs, CT, United States.

\*Rodabaugh, E., & **Moeyaert, M.** (2018, April). *Hierarchical Linear Modeling of Single-Case Experimental Data: Bayesian Estimation* [Structured poster session], Annual Meeting of the American Educational Research Association, New York City, NY, United States.

\*Akhmedjanova, D., Bogin, D., & **Moeyaert, M.** (2018, April). *Power to test predictor effects in two-level modeling of single-case data* [Structured poster session], Annual Meeting of the American Educational Research Association, New York City, NY, United States.

**Moeyaert, M.**, Beretvas, S.N., \*Rodabaugh, E., Ferron, J., & Van den Noortgate, W. (2018, March). *How to improve Bayesian estimation when synthesizing single-case experimental design studies' random effects variance components?* [Paper session], Small Sample Size Solutions Conference, Utrecht, the Netherlands.

Beretvas, S.N., Gonzalez, D. P., Park, S., **Moeyaert, M.**, Van den Noortgate, W., Ferron, J. (2018, March). *How can we obtain unbiased ICC estimates for small sample size datasets?* [Paper session], Small Sample Size Solutions Conference, Utrecht, the Netherlands.

**Moeyaert, M.** (2017, November). *Multilevel modeling of single-subject experimental data: Methodological innovations* [Paper session], One Day Symposium on Single-Subject Designs - Center for the Promotion of Research Involving Innovative Statistical Methodology, New York University, New York City, NY, United States.

\*Rodabaugh, E., & Moeyaert, M. (2017, October). *A multilevel modeling of single-case data tutorial for the applied researcher* [Paper session], Northeastern Educational Research Association. Trumbull, CT, United States.

Moeyaert, M. (2017, May). *Multilevel modeling of single-subject experimental data: Bayesian estimation* [Paper session]. One Day Symposium on Single-Subject Designs - Center for the Promotion of Research Involving Innovative Statistical Methodology, New York University, New York City, NY, United States.

Moeyaert, M. (2017, April). *Using multilevel modeling to meta-analyze single-case experimental design studies' result* [Workshop], Annual Meeting of the American Educational Research Association, San Antonio, TX, United States.

\*Akhmedanova, D., \*Begin, D., & Moeyaert, M. (2017, April). *The power to test moderator effects in multilevel modeling of single-case data* [Structured poster session], Annual Meeting of the American Educational Research Association, San Antonio, TX, United States.

Moeyaert, M., & Verkuilen, J. (2017, April). *A quasi-likelihood/generalized estimating equation approach to count outcomes in single case experimental design* [Paper session], Annual Meeting of the American Educational Research Association, San Antonio, TX, United States.

Moeyaert, M. (2016, May). *Bootstrapping for two-level synthesis of single-case experimental data* [Paper session]. Modern Modeling Methods Conference, Storrs, CT, United States.

Moeyaert, M., & Verkuilen, J. (2016, April). *The extended generalized linear model for counts or free proportion outcomes in single-case designs* [Paper session], Annual Meeting of the American Educational Research Association, Washington, DC, United States.

Moeyaert, M., Ugille, M., Van Den Noortgate, W., Heyvaert, M., & Onghena, P. (2015, April). *Misspecification issues in multilevel modeling of single-case experimental designs: Empirical illustrations* [Structured poster session], Annual meeting of the American Educational Research Association, Chicago, IL, United States.

Heyvaert, M., Moeyaert, M., Ugille, M., Van Den Noortgate, W., & Onghena, P. (2015, April). *The Type I error rate and the statistical power of testing the intervention effect in single-case experiments using a hierarchical linear model or using an additive combination of randomization tests: A Monte Carlo simulation study* [Structured poster session], Annual Meeting of the American Educational Research Association, Chicago, IL, United States.

Moeyaert, M., & Van den Noortgate, W. (2014, August). *Three-level meta-analytic models to combine several types of single-case designs* [Paper session], International Conference on Computational Statistics, Genève, Switzerland.

Van Den Noortgate, W., Moeyaert, M., Ugille, M., Beretvas, S., & Ferron, J. (2014, March). *The synthesis of single-subject experimental data: Extensions of the basic multilevel model* [Paper session], Society for Research on Educational Effectiveness. Washington, DC, United States.

**Moeyaert, M.**, Bunuan, R., & Beretvas, S. (2014, April). *Multilevel meta-analysis of alternating treatment design studies: A Monte Carlo simulation study* [Structured poster session], Annual Meeting of the American Educational Research Association, Philadelphia, PA, United States.

**Moeyaert, M.**, Ugille, M., Ongena, P., & Van Den Noortgate, W. (2014, April). *Combining several types of single-case experimental designs using a three-level meta-analysis* [Structured poster session], Annual Meeting of the American Educational Research Association, Philadelphia, PA, United States.

Heyvaert, M., **Moeyaert, M.**, Ugille, M., Van Den Noortgate, W., & Ongena, P. (2014, April). *Comparing hierarchical linear models and randomization tests in the analysis of multiplebaseline data* [Structured poster session], Annual Meeting of the American Educational Research Association, Philadelphia, PA, United States.

Van den Noortgate, W., **Moeyaert, M.**, Ugille, M., Beretvas, S., & Ferron, J. (2014, March). *The synthesis of single-subject experimental data: Extensions of the basic multilevel model* [Paper session], Society for Research on Educational Effectiveness, Washington, DC, United States.

**Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2013, May). *The misspecification of the covariance structures in multilevel models for single-case data: A Monte Carlo simulation study* [Paper session], Modern Modeling Methods Conference, Storrs, CT, United States.

**Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2013, May). *Synthesizing single-subject studies: Empirical examination of a three-level analytic model* [Paper session], Campbell Collaboration Colloquium, Chicago, IL, United States.

**Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2013, May). *Modeling external events in the three-level analysis of multiple-baseline across participants designs: A simulation study* [Structured poster session]. American Educational Research Association, San Francisco, CA, United States.

Ugille, M., **Moeyaert, M.**, & Van Den Noortgate, W. (2013, April). *Combining group-comparison and single-subject experimental designs*. [Structured poster session], American Educational Research Association, San Francisco, CA, United States.

**Moeyaert, M.** (2013, April). *Multilevel synthesis of single-case experimental data: Empirical validation of the basic three-level model* [Paper session], Texas University's Educational Statistics and Psychometrics Meeting, Austin, TX, United States.

**Moeyaert, M.** (2013, April). *Modeling external events in the three-level analysis of multiple-baseline across participants designs: A simulation study* [Paper session], Texas University's Educational Statistics and Psychometrics Meeting, Austin, TX, United States.

Ferron, J., Van Den Noortgate, W., Beretvas, S., **Moeyaert, M.**, Ugille, M., Petit-Bois, M., & Baek, E. (2013, March). *Synthesis of single-case experimental data: A comparison of*

*alternative multilevel approaches* [Paper session]. Society for Research on Educational Effectiveness. Washington, DC, United States.

Ugille, M., **Moeyaert, M.**, Beretvas, S., Ferron, J., & Van Den Noortgate, W. (2012, August). *Multilevel meta-analysis of single-subject experimental designs* [Paper session], Measuring Behavior Conference, Utrecht, The Netherlands.

**Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2012, August).

*Multilevel synthesis of raw and standardized single-case experimental data: An empirical validation* [Paper session], International Conference on Computational Statistics, Limassol, Cyprus.

**Moeyaert, M.**, Ugille, M., Ferron, J., Beretvas, S., & Van Den Noortgate, W. (2012, May).

*Three-level analysis of raw single-case experimental data: Empirical validation* [Paper session], Modern Modeling Methods Conference, Storrs, CT, United States.

Van Den Noortgate, W., **Moeyaert, M.**, Ugille, M., Beretvas, S., & Ferron, J. (2012, March).

*Multilevel synthesis of single-case experimental data: An empirical validation* [Paper session]. Society for Research on Educational Effectiveness, Washington, DC, United States.

## INVITED PRESENTATIONS (N= 15)

**Moeyaert, M.** (July, 2025). Meta-analysis of single-case experimental designs: Demonstration of contemporary synthesis methods [Workshop], Virtual Campbell Organization Webinar Series.

**Moeyaert, M.** (February, 2023). *Meta-analysis of single-case experimental designs: An overview on current synthesis methods* [Workshop], Virtual Campbell Organization Webinar Series.

**Moeyaert, M.** (May, 2022). *Multilevel Meta-Analysis of N-of-1 studies* [Paper session], Virtual Colloquium - Department of Methods and Statistics, Utrecht University, Utrecht, the Netherlands.

**Moeyaert, M.** (September, 2022). *Using multilevel modeling for meta-analyzing single-case design research* [Paper session], Virtual Seminar Systematic Reviews and Meta-Analysis Methodology, The AERA SIG SRMA and MATI.

**Moeyaert, M.** (September, 2021). *Regression and multilevel modeling in STATA* [Workshop]. Virtual Seminar - Department of Children, Youth & Families - Washington State.

**Moeyaert, M.** (May, 2021). *Methodological innovations for the design and analysis of SCEDs* [Workshop], Virtual Seminar - Behaviormetrica Society.

**Moeyaert, M.** (March, 2021). *Basic and intermediate statistical significance testing in STATA* [Workshop], Virtual Seminar - Department of Children, Youth & Families - Washington State.

**Moeyaert, M.** (March, 2021). *Introduction to SCED: Possibilities and limits of the design* Paper Session, Department of Psychiatry - West, Slagelse, Denmark.

**Moeyaert, M.** (January, 2021). *Multilevel meta-analysis of single-case experimental data: Recent methodological developments and innovations* [Paper Session]. Virtual Quantitative Seminar - McGill University.

**Moeyaert, M.** (January, 2021). *Introduction to SCED: Analysis techniques* [Workshop], Department of Psychiatry - West, Slagelse, Denmark.

**Moeyaert, M.** (December, 2020). Common statistical methods used in the analysis of n-of-1 trials. Symposium on n-of-1 trials. <https://www.n1app.org/n-of-1-trials-sced-symposium>

**Moeyaert, M.** (2019, December). *Moderation and mediation analysis for single-case experimental designs* [Workshop], Department of Psychiatry – West, Slagelse, Denmark.

**Moeyaert, M.** (2017, May). *Bayesian estimation in the two-level modeling of single-case experimental data* [Paper session], Seminar Promotion of Research Involving Innovative Statistical Methodology, New York University, NY, United States.

**Moeyaert, M.** (2014, June). *The basics of multilevel modeling* [Workshop], Two-day Meta-Analysis Workshop, KU Leuven, Leuven, Belgium.

**Moeyaert, M.** (2014, May). *Meta-analysis: Introduction and demo software application* [Workshop], Two-day Systematic Review Workshop Quantitative and Qualitative Approaches to Synthesis, Utrecht, the Netherlands.

**Moeyaert, M.** (2014, February). *Analysis and meta-analysis of single-case data* [Workshop]. Delaware Universities' Educational Statistics Meeting. Newark, United States.

## OTHER PRESENTATIONS (N=13)

Liu, J., Yaosheng, L., **Moeyaert, M.**, Miočević, M., Ferron, J., & Valente, M. J. (2026, March). *Effect sizes for mediation model effects in educational intervention single-case experimental designs* [Poster Session], 2026 University of South Florida Health Research Day, Tampa, FL, United States.

Xue, Y., & **Moeyaert, M.** (2025, April). *Analysis of standardized single-case experimental data in presence of autocorrelation: A comparison of Bayesian and Restricted Maximum Likelihood estimation* [Poster Session], UAlbany Showcase, Albany, NY, United States.

Lou, Y., & **Moeyaert, M.** (2025, April). *Systematic review of single-case designs to identify mediation characteristics* [Poster Session], UAlbany Showcase, Albany, NY, United States.

Xue, Y., & **Moeyaert, M.** (2024, April). *Individual participant meta-analysis of single-case experimental designs data: A comparison of Bayesian and restricted maximum likelihood* [Poster Session], UAlbany Showcase, Albany, NY, United States.

Lan L., **Moeyaert, M.**, & Orlowski, E. (2024, April). *The effects of mind-body intervention on mental health outcomes for individuals with Autism Spectrum Disorder: A Meta-Analysis of randomized controlled trials* [Poster Session], UAlbany Showcase, Albany, NY, United States.

Gahtan, J., **Moeyaert, M.**, Asaro-Saddler, K., Yu, C., & Orlowski, E. (2024, April). *Self-management strategies and academic outcomes for autistic students: A multilevel meta-analysis of single case experimental designs* [Poster Session], UAlbany Showcase, Albany, NY, United States.

Fingerhut, H., Xu, X., & **Moeyaert, M.** (2020). *Impact of within-case variability on Tau indices and the hierarchical linear modeling approach for multiple-baseline design data: A Monte Carlo simulation study* [Poster Session], Division of Educational Psychology & Methodology Annual Poster Session, UAlbany, Albany, NY, United States.

Yang, P., Kim, E., & **Moeyaert, M.** (2020). *Characteristics of moderators in meta-Analyses of single-case experimental design studies* [Poster Session], Division of Educational Psychology & Methodology Annual Poster Session, UAlbany, Albany, NY, United States.

Xu, X., & **Moeyaert, M.** (2020). *Bootstrap estimation procedures in the context of two-level synthesis of single-case experimental data: A simulation study* [Poster Session], Division of Educational Psychology & Methodology Annual Poster Session, UAlbany, Albany, NY, United States.

**Moeyaert, M.** (2019). *MultiSCED – A tool for (meta)analyzing single-case experimental data*. Division of Educational Psychology & Methodology – Brown Bag Series, Albany, NY.

Gorgun, H. & **Moeyaert, M.** (2019). *Design comparable between-case effect sizes*. UAlbany School of Education Day, Albany, NY.

**Moeyaert, M.**, Rodabaugh, R., & Akhmedjanova, D. (2017). Workshop: *Using multilevel modeling to meta-analyze single-case experimental design studies' results*. Workshop at the UAlbany School of Education Day, Albany, NY.

**Moeyaert, M.**, Turan, M., Rodabaugh, R., Quinones, F., & Franklin, D. (2016). *Demonstration of multilevel meta-analysis: The effectiveness of peer tutoring on academic and social outcomes*. UAlbany School of Education Day, Albany, NY.

## TEACHING

### Graduate Courses Taught, University at Albany

|          |   |
|----------|---|
| EPSY 736 | Systematic Review and Meta-Analysis (F23)                           |
| EPSY 687 | Institute: Meta-Analysis (F21)                                      |
| EPSY 732 | Single-Case Research Design and Analysis (F18, F20, F22)            |
| EPSY 724 | Regression Analysis (S18, S19, S20, S22, S24)                       |
| EPSY 530 | Statistical Methods I (F15, S16, S17, F17, F18, F19, F20, F22, S24) |
| EPSY 630 | Statistical Methods II (S16, F16, S17, F17, S18, S19, S22)          |
| EPSY 755 | Selected Topics in Research Design (S16)                            |

### Research and Field Experience Supervised, University at Albany

|          |   |
|----------|---|
| EPSY 797 | Educational Psychology Research Apprenticeship (S16, F16, S17, F17, S18, F18, S19, F19, F21, S22, F22, S23, S24, S25) |
| EPSY 697 | Independent Study in Educational Psychology (S16, S17, S18, F18, S19, S20, S22)                                       |
| EPSY 890 | Research and Independent Study (F19, S20, F20, F21, S22, S24)   |
| EPSY 899 | Doctoral Dissertation (F20, S21, F21, S22, F22, S23, F23, S24)  |



## Courses, Guest Lectures, and Workshops Taught at Other Institutions

**Karolinska Institute, Sweden**, Single Case Design (SCD) in Clinical Research and Data Driven Decision Processes for Individualized Health Care (Oct 1, 2024 – Oct 13, 2024)

**University of Michigan**; Inter-university Consortium for Political and Social Research (ICPSR) Summer Program in Quantitative Methods of Social Research. Usage and Application of Meta-Analysis Techniques (SU20, SU21, SU22, SU23, SU24)

**Columbia University**, Teacher's College. Guest lecture. Design and Analysis of Single-Case Experimental Designs (S22, S23)

**Mount St. Joseph University**. Guest lecture. Analysis of Single-Case Experimental Designs (SP25)

**Baylor University**. Guest lecture. Statistical Techniques for Single-Case and Time Series Designs: Applications for Special, Diverse, and Atypical Populations (SP25)

**Workshops:** Regression analysis, Regression discontinuity, Hierarchical Linear Modeling, Survival Analysis, Advanced data analysis using R, Meta-Analysis, Data analysis using SAS, Propensity score analysis, Single-case experimental design and analysis.

## Webinars

**Single-Case Experimental Design and Analysis**, University of Leiden, The Netherlands, 2020.

**Design Comparable Effect Size Estimator**, Institute of Educational Sciences.  
<https://www.youtube.com/watch?v=uXTbL8QkNvY>

**MultiSCED Shiny Application**, University of Groningen, 2019

## Doctoral Dissertation Committees (*N* = 28)

Paul L Guay (proposal in progress). *Evaluating the effectiveness of AI-generated passages for a repeated reading intervention with struggling readers within the context of single-case experimental designs*. **Member**.

Olivia Prince (proposal in progress). *Investigating the effectiveness of the intervention Cover, Copy, Compare (CCC) with procedural knowledge on math outcomes: A single-case experimental design study*. **Member**.

Guy M Ladouceur (proposal approved). *Evaluating the effect of a coding-as-training intervention on therapist trainees' process acuity*. **Member**.

Yaosheng Lou. (proposal approved). *Performance of artificial intelligence in the preparation of single case design meta-analysis: A Monte Carlo simulation study*. **Chair**.

Samantha Bordoff (proposal approved). *Social stories presented on the iPad to improve the classroom behavior of children with Autism Spectrum Disorders*. Educational Psychology & Methodology. **Member**.

Elie ChingYen Yu (proposal approved). *Meta-analysis: effects of formative assessment on students' regulation of learning.* **Member.**

Alyssa Rodriguez (proposal approved). *Using function-based choice antecedent interventions to increase academic engagement for students who exhibit high levels of externalizing behaviors.* **Member.**

Tom Robertson (2025). *Missing data methods for longitudinal and multilevel data.* Educational Psychology & Methodology. **Co-Chair.**

Yukang Xue (2025). *Multilevel meta-analysis of single-case experimental data using Bayesian estimating techniques.* **Chair.**

Emily Satin (2025). *Single-case study measuring attentional outcomes from a structured mindfulness curriculum.* **Member.**

Shawna Belanger (2025). *A meta-analysis of the first step to success/first step next intervention: A PBIS Tier 2 Intervention for Pre-K – 3<sup>rd</sup> grade students.* **Member.**

Edmund Orlowski (2025). *Can deliberate practice for inner skills enhance therapist trainees' mindfulness and presence when working with clients?* **Member.**

Julie M. Orlando (2024). *The Effects on Children and Parents of Educating Parents About Ways to Play With Babies.* **Member.**

Lawrence Peterson (2023). *Using single case design to assess the effect of an Acceptance and Commitment Therapy Workshop on general distress in attorneys.* Counseling Psychology. **Co-Chair.**

Maria Haji-Georgi (2023). *Mindfulness Intervention to reduce burnout amongst teachers in Special Education.* **Member.**

Quan Chen (2023). *Multivariate meta-analysis of the effectiveness of mobile learning on academic performance.* Educational Psychology & Methodology. **Member.**

Xinyun Xu (2022). *Sampling distribution of non-overlap indices using Bootstrapping procedure: Monte Carlo simulation studies and empirical demonstration.* Educational Psychology & Methodology. **Chair.**

Lexy Payne (2022). *Analyzing simulated class-wide math intervention data to evaluate the reliability and accuracy of making intervention decisions at the class-wide level.* **Member.**

Elizabeth Ann S. Kelly (2022). *Trends in International Mathematics and Science Study using Hierarchical Linear Modeling: Variation in demographic prediction of girls' math achievement.* Educational Psychology & Methodology. **Chair.**

Arianna Doss (2021). *Investigating growth slopes in math CBM using AIMsweb group-administered math probes in the school's second and third grade classrooms.* School Psychology. **Member.**

Lynsay Paiko (2021). *Investigating constructs of White guilt and White shame as mediators for*

*relationship between awareness of oppression/privilege and anti-racism in White counseling students. Counseling Psychology. Member.*

Halley Eacker (2021). *Addressing the development of reading comprehension in students with ASD: A meta-analysis*. Educational Psychology & Methodology. **Member**.

Joelle Fingerhut (2021). *Developing and testing an Excel tool to help users select and justify quantification techniques used for single-case experimental design studies*. Educational Psychology & Methodology. **Chair**.

Sijun Zhang (2020). *Reliability of individual items in a scale: Simulation study*. Educational Psychology & Methodology. **Member**.

Diana Akhmedjanova (2020). *The effectiveness of writing interventions for second language learners: A single-case experimental design analysis*. Educational Psychology & Methodology. **Member**.

Laleh Jamshidi (2019). *Pennies make pounds: Multilevel meta-analysis of single-case experimental data*. Psychology and Educational Sciences, KU Leuven. **Co-chair**.

Haiyang Su (2019). *A new lens on academic intrinsic motivation*. Educational Psychology & Methodology. **Member**.

Marianne Stone (2017). *Effects of brief mindfulness practice on perceptions of therapist empathy, self-awareness, and the real relationship*. Counseling Psychology. **Member**.

### **Master's Thesis (N = 1)**

Merve Turan (2017). *Multilevel synthesis of peer-tutoring interventions investigating the effects on social and academic outcomes*. Educational Psychology & Methodology. **Chair**.

## **SERVICE**

### **Division and Department of Educational and Counseling Psychology**

**Chair**, Search Committee for Assistant Professor of Division Educational Psychology and Methodology, 2025-2026

**Chair**, Pre-dissertation Committee, 2024-present

**Chair**, SMART (Stats Methods and Research Track) committee, 2023-present

**Chair**, Doctoral Program Admission Committee, 2025-Present

**Member**, Doctoral Program Admission Committee, 2020-2024

**Chair**, Doctoral Comprehensive Examination Committee, 2018-present

**Member**, Search Committee for Assistant Professor of Division Educational Psychology and Methodology, 2023-2024

**Member**, Tenure and Promotion Committee - Erin Baker, 2022-2023

**Member**, Contract Renewal Committee – Tianlin Wang, 2022-2023

**Member**, Contract Renewal Committee - Tammy Ellis-Robinson, 2020

**Member**, Advanced Quantitative Methods Certificate Committee, 2020-2022

**Member**, Academic Standards Committee, 2015-2022

**Member**, Master's Admission Committee, 2017-2020

**Member**, Search Committee for Assistant Professor of Special Education (N = 2), 2016-

2017 and 2017-2018

**Member**, Doctoral Comprehensive Examination Committee, 2015-2018

**Chair**, Master Program and Admission Committee, 2016-2017

## **School of Education**

**Member**, Faculty Council, School of Education, Spring 2018

**Chair**, Academic Council, Spring 2025 - current

**Member**, Academic Council, Fall 2023 - current

**Member**, Curriculum Committee, Spring 2017 - current

## **University at Albany**

**Member**, Graduate Committee on Curriculum and Instruction, Fall 2023 - current

**Member**, Graduate Academic Council (GAC), Fall 2023 - current

**Member**, Council on Research, Spring 2018

**Member**, University Senate, Spring 2018

## **Professional Service**

**Review Panel**, *Institute of Education Sciences*, 2020 - present

**Editorial Board [Associate Editor]**, *Behavior Modification*, 2024 - present

**Editorial Board [Methodological Consulting Editor]**, *Journal of Experimental Education*, 2018 - present

**Editorial Board [Methodological Consulting Editor]**, *Psychological Methods*, 2020 - present

**What Works Clearinghouse Working Group Expert**, *Institute of Education Sciences*, 2024 - present

**Program co-Chair**, *AERA SIG Systematic Review and Meta-Analysis*, 2025 - present

**Guest Editor**, *Evaluation & The Health Professions*, Special Issue “Single Subject Causal Mediation Analysis”, 2020

## **Advisory Board and Mentor Federal Grants**

Role: Advisory Board (PI John Meyers)

Tasks: Monthly meetings and advise on specifications, analyses, and interpretations of complex statistical models

Project: Exploring Sources of Heterogeneity in Supplemental Interventions for Students with Mathematics Difficulties within Multi-tiered Systems of Support: A Meta-Analysis

Source: National Science Foundation

Time: 9/1/2025-8/31/2028

Funded

Role: Advisory Board and Mentor (PI: Diondra Straiton)

Tasks: Bi-weekly meetings and advise on specifications, analyses, and interpretations of complex statistical models

Project: Examining the active ingredients of consultation to improve implementation of a parent-mediated intervention for children with autism in the community mental health system

Source: National Institutes of Health

Time Period: 7/1/21/30/23

Funded

Role: Advisory Board and Mentor: (PI: Annabelle Armah)

Tasks: Monthly meetings and advise on specifications, analyses, and interpretations of complex statistical models

Project: Examining the impact of depression on mother-infant physiological synchrony and infant regulatory outcomes in Black families

Source: NIH Ruth L. Kirschstein National Research Service Award Fellowship (F31),

Time: 2024-2026

Funded

Role: Advisory Board and Mentor (PI: Claudia Chisari)

Project: New treatment for women living with chronic vulvodynia

Source: National Institutes of Health

Time Period: 1/1/21-3/1/23

Funded

Role: Advisory Board and Mentor (PI Lydia Bierce)

Tasks: Monthly meetings and advise on specifications, analyses, and interpretations of complex statistical models

Project: relations between prenatal marijuana exposure and infant physiological regulation

Source: NIH Ruth L. Kirschstein National Research Service Award Fellowship (F31),

Time: 9/1/2025-8/31/2027

Under Review

Role: Advisory Board (PI: Peng Peng)

Project Project AMISD: A Multi-level Meta-analysis of Single-Case Studies on Adaptive Mathematics Instruction for Students with Disabilities

Source: National Science Foundation

Time Period: 7/1/25-6/30/28

Under Review

Role: Advisory Board (PI: Aaron Campbell)

Project: Advancing culturally responsive practices and interventions for students of color and students with disabilities

Source: Department of Education - Office of Special Education and Rehabilitative Services (OSERS)

Time Period: 8/1/25-7/31/29

Under Review

## **Advisory Board and Mentor Foundations Other External Sponsors**

Role: Advisory Board and Mentor (PI: Ragnar Klein Olsen)

Project: Gut Emotions: Microbiota modulation and effects on fatigue, distress and negative affectivity in psychiatric patients.

Source: Research Unit West - Psychiatric Hospital West, Slagelse

Time Period: 12/1/19-11/30/23

Funded

Role: Advisory Board and Mentor (PI: Kirstine Højgaard Dichmann)  
Project: Short therapeutic intervention for mentally disordered offenders  
Source: Research Unit West - Psychiatric Hospital West, Slagelse  
Time Period: 12/1/19-11/30/23  
Funded

Role: Advisory Board and Mentor (PI: Kåre Donskov Nielsen)  
Project: Development of phenomenologically informed psychotherapy for patients with schizotypal personality disorder using single-case research  
Source: Research Unit West - Psychiatric Hospital West, Slagelse  
Time Period: 1/12/20-12/31/23  
Funded

Role: Advisory Board and Mentor (PI: Jasmin Gryesten)  
Project: Development of an intervention for persistent not on track for patients with depression using single-case research.  
Source: Research Unit West - Psychiatric Hospital West, Slagelse  
Time Period: 1/12/20-12/31/23  
Funded

**Ad Hoc Reviewer**, *AI Perspectives & Advances*, 2026 - present  
**Ad Hoc Reviewer**, *School Psychology Review*, 2026 - present  
**Ad Hoc Reviewer**, *Journal of Speech, Language, and Hearing Research*, 2026 - present  
**Ad Hoc Reviewer**, *Journal of Behavior Therapy and Experimental Psychiatry*, 2025 - present  
**Ad Hoc Reviewer**, *Review Synthesis Methods*, 2024 - present  
**Ad Hoc Reviewer**, *Prevention Science*, 2024 - present  
**Ad Hoc Reviewer**, *Review of Educational Research*, 2024 - present  
**Ad Hoc Reviewer**, *Educational Research Review*, 2024 - present  
**Ad Hoc Reviewer**, *Journal of Positive Behavior Interventions*, 2024 - present  
**Ad Hoc Reviewer**, *Journal of Educational and Behavioral Statistics*, 2022 - present  
**Ad Hoc Reviewer**, *Educational Psychology Review*, 2021 - present  
**Ad Hoc Reviewer**, *Perspectives on Behavior Science*, 2021 - present  
**Ad Hoc Reviewer**, *Human Behavior and Emergent Technologies*, 2020 - present  
**Ad Hoc Reviewer**, *Journal of Research on Educational Effectiveness*, 2020 - present  
**Ad Hoc Reviewer**, *Statistics in Medicine*, 2020 - present  
**Ad Hoc Reviewer**, *Journal of Modern Applied Statistical Methods*, 2019 - present  
**Ad Hoc Reviewer**, *Behavior Disorders*, 2019 - present  
**Ad Hoc Reviewer**, *Developmental Neurorehabilitation*, 2019 - present  
**Ad Hoc Reviewer**, *Behavior Therapy*, 2019 - present  
**Ad Hoc Reviewer**, *British Journal of Mathematical and Statistical Psychology*, 2019 - present  
**Ad Hoc Reviewer**, *Remedial and Special Education*, 2019 - present  
**Ad Hoc Reviewer**, *Healthcare*, 2019 - present  
**Ad Hoc Reviewer**, *Methodology*, 2018 present  
**Ad Hoc Reviewer**, *Research Synthesis Methods*, 2017 - present  
**Ad Hoc Reviewer**, *Journal of Experimental Education*, 2017 - present

**Ad Hoc Reviewer**, *Journal of Evidence-Based Communication Assessment and Intervention*, 2017 - present

**Ad Hoc Reviewer**, *Journal of Educational and Behavioral Statistics*, 2017 - present

**Ad Hoc Reviewer**, *Plos one*, 2017 - present

**Ad Hoc Reviewer**, *Journal of Behavioral Education*, 2016 - present

**Ad Hoc Reviewer**, *Psychological Methods*, 2015 - present

**Ad Hoc Reviewer**, *Multivariate Behavior Research*, 2015 - present

**Ad Hoc Reviewer**, *Journal of Autism and Developmental disorders*, 2015 - present

**Ad Hoc Reviewer**, *Journal of School Psychology*, 2015 - present

**Ad Hoc Reviewer**, *Journal of Contextual Behavioral Science*, 2015 - present

**Ad Hoc Reviewer**, *BMC Medical Research Methodology*, 2015 - present

**Ad Hoc Reviewer**, *Behavior Analysis: Research and Practice*, 2015 - present

**Ad Hoc Reviewer**, *Behavior Modification*, 2014 - present

**Ad Hoc Reviewer**, *Behavior Research Methods*, 2013 - present

**Abstract Reviewer**, Annual Meeting of the American Educational Research

Association, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024

**Abstract Reviewer**, Northeastern Research Association conference, 2017, 2018, 2019

**Reviewer**, systematic review and meta-analysis SIG award, 2017 – present

## PROFESSIONAL AFFILIATIONS

Member of American Educational Research Association

Division D Meta-Analysis Special Interest Group Multilevel Modeling Special Interest Group

Member of American Psychological Association (Division 5)

Member of Northeastern Educational Research Association

Member of New England Statistical Society (NESS)

Member of International Collaborative Network for N-of-1 Clinical Trials Research Fellow at KU Leuven - Belgium

Research Fellow Graduate Center - City University of New York, New York