Alina von Davier

ACT Senior Vice President, Alina von Davier, PhD., leads ACTNext, a multidisciplinary innovation unit at ACT Inc. Von Davier is a pioneer in Computational Psychometrics, an interdisciplinary field concerned with the application of theoretical psychometric models and data-driven computational methods for multimodal, large-scale/high-dimensional learning and assessment data. Her current research interests include, among others; equity in access to learning technologies; the development of new cognitive diagnostic models; methodologies supporting adaptive learning in virtual environments; assessment of collaborative problem solving, teamwork, and the 21st century skillset; and the novel application of machine learning, data mining, Bayesian inference methods, and stochastic processes to the afore mentioned areas of inquiry.

Dr. von Davier is also an adjunct professor at Fordham University, a widely published and award-winning author, and board member for numerous professional societies and leading edtech companies. She earned her doctorate in mathematics from Otto von Guericke University of Magdeburg, Germany.