

Mark Wilson

Biography

Mark Wilson is a professor at the University of California, Berkeley, where he teaches in the Graduate School of Education. His area of expertise is Policy, Organization, Measurement, and Evaluation; Cognition and Development researches measurement and assessment. He works to develop new psychometric models for analyzing data from theory-rich contexts. His recently published articles on this include "A Theory of the Measurement of Knowledge Content, Access, and Learning," in *Psychological Review* (with P. Pirolli, 1998); and "The Multidimensional Random Coefficients Multinomial Logit Model," in *Applied Psychological Measurement* (with R. Adams and W. Wang, 1997). He is also concerned with the application of current measurement theory to more practical problems of testing and evaluation. A recent publication that illustrates his work in this area is "Multilevel Item Response Models: An Approach to Errors in Variables Regression," in the *Journal of Educational and Behavioral Statistics* (with R. Adams and M. Wu). A third aspect of his work is the development of assessment resources that are useful to teachers in classrooms. He has been working with several projects based at the Lawrence Hall of Science to create an assessment system that complements their science curricula, and has been awarded a National Science Foundation grant to further develop aspects of the assessment system. A publication describing that work is "From Principles to Practice: An Embedded Assessment System," in *Applied Measurement in Education* (with K. Sloane, 2000). He is the editor on a book series that collects papers on measurement and testing: *Objective Measurement: Theory into Practice* (Vols. I-V). Wilson is also a convenor of the Berkeley Evaluation and Assessment Research (BEAR) Center. He is a member of the National Research Council committee on the Foundations of Assessment—and editor of a new journal, *Measurement: Interdisciplinary Research and Perspectives*. He is also advising the California State Department of Education on assessment issues as a member of the Technical Study Group. Professor Wilson holds a Ph.D. from the University of Chicago in Educational Measurement, Educational Statistics.