

The Division 5 Awards

Dr. Libo Li

Recipient of the 2009 Division 5 Distinguished Dissertation Award



Libo Li obtained his PhD in Measurement & Psychometrics program from University of California at Los Angeles in 2006. His dissertation titled “Robust Statistical Tests for Evaluating the Hypothesis of

Close Fit of Misspecified Mean and Covariance Structural Models” was under the direction of Dr. Peter M. Bentler. In this work, he developed some asymptotically distribution free RMSEA tests for evaluating the hypothesis of close fit of misspecified mean and covariance structural models without the unrealistic assumptions of normality and local alternative hypotheses which were commonly assumed in practice. Libo Li is originally from China where he received a bachelor’s degree in Psychology from Peking University. He also earned a master’s degree in Psychology. He is currently a statistician at UCLA Integrated Substance Abuse Programs and working on developments and application of quantitative methods for analyzing longitudinal data. His research interests include structural equation modeling, longitudinal data analysis, casual inference and statistical computing. In his leisure time, he enjoys traveling, reading and cooking.

The Samuel J. Messick Award for Distinguished Scientific Contributions

This Distinguished Scientific Contributions Award for Division 5 is endowed by The Educational Testing Service to honor the outstanding research contributions and service of Dr. Samuel J. Messick. The award is presented annually to honor an individual who has a long and distinguished history of scientific contributions to Division 5 related areas.

The Jacob Cohen Award for Distinguished Contributions to Teaching and Mentoring

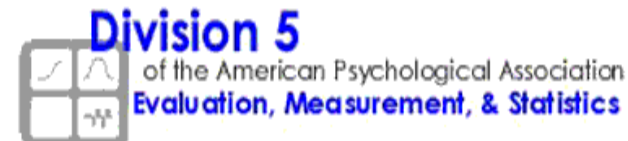
The Award for Distinguished Teaching and Mentoring for Division 5 was provided by Taylor and Francis to honor Dr. Jacob Cohen, and his numerous contributions to students and researchers in the field through his outstanding mentorship, teaching, and writing.

The Anne Anastasi Award for Early Career Contributions

The Award for Distinguished Early Career Contributions was provided by The College Board and The Graduate School of Education, Fordham University to honor Dr. Anne Anastasi who began at an early age to have a major impact on the understanding of issues related to testing. Additionally, The Buros Center for Testing at the University of Nebraska — Lincoln contributed toward an endowment. This award is presented to an individual who has demonstrated distinguished promise early in her/his career by making outstanding contributions in one or more of the Division 5 areas.

The Distinguished Dissertation Award

This award is presented annually to recognize a dissertation related to Division 5. To be eligible for the award, the dissertation must have been completed in the previous three years and address a topic in assessment, evaluation, measurement, research methods, and statistics.



2009 Award Winners

Dr. Howard Wainer

Samuel J Messick Award for
Distinguished Scientific
Contributions

Dr. Lawrence J. Hubert

Jacob Cohen Award for
Distinguished Contributions to
Teaching and Mentoring

Dr. W. Holmes Finch

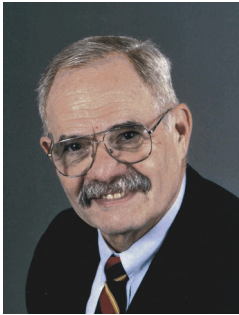
Anne Anastasi Early Career Award

Dr. Libo Li

Distinguished Dissertation Award

Dr. Howard Wainer

Recipient of the 2009 Division 5 Samuel J. Messick Award for Distinguished Scientific Contributions



Howard Wainer is Distinguished Research Scientist at the National Board of Medical Examiners and (adjunct) Professor of Statistics at the Wharton School of the University of Pennsylvania. Dr. Wainer has a long-standing interest in the use of graphical methods for data analysis and communication, robust statistical methodology,

and the development and application of generalizations of item re-sponse theory. His work on testlet response theory has combined all three. His eighteenth book, *Picturing the Uncertain World: How to Understand, Communicate and Control Uncertainty through Graphical Display*. (Princeton University Press) appeared in April 2009. Dr. Wainer was elected a **Fellow** in the American Statistical Association in 1985, a fellow in the American Educational Research Association in 2009, and was awarded the Educational Testing Service's **Senior Scientist Award** in 1990. He was selected for the **Lady Davis Prize** and was named the **Schonbrun Visiting Professor** at the Hebrew University in 1992. He received the 2006 National Council on Measurement in Education Award for Scientific Contribution to a Field of Educational Measurement for his development of Testlet Response Theory and given NCME's career achievement award in 2007. He is listed in *Who's Who in America* in 2009 and 2010. He was on the editorial board of *Psychological Methods* and the editor of the *Journal of Educational and Behavioral Statistics* from 2002 until 2004 and is a former Associate Editor of the *Journal of the American Statistical Association*, and *Applied Psychological Measurement* as well as a former Treasurer of the Psychometric Society. For the past eighteen years has written a popular column on data visualization in the statistics magazine *Chance*; he also swam the English Channel.

Dr. Lawrence J. Hubert

Recipient of the 2009 Division 5 Jacob Cohen Award for Distinguished Teaching and Mentoring



Lawrence Hubert is the Lyle H. Lanier Professor of Psychology, Professor of Statistics and Educational Psychology at the University of Illinois. His research program has concentrated on the development of exploratory methods for data representation in the behavioral sciences, emphasizing cluster analysis methods, a range of spatially oriented multidimen-

sional scaling techniques, and several network representation procedures. Much of this work on Combinatorial Data Analysis is summarized in two research monographs with the Society of Industrial and Applied Mathematics (with co-authors P. Arabie and J. Meulman): *Combinatorial data analysis: optimization by dynamic programming* (2001); *The structural representation of proximity matrices with MATLAB* (2006). Hubert received his BA degree (cum laude) from Carleton College in Mathematics (1966); an MAT in Mathematics Education from Harvard (1967); an MS in Statistics (1969) and a PhD in Mathematical Studies in the Educational Processes (1971) from Stanford. He has held positions as Professor of Educational Psychology at the University of Wisconsin, Madison; Professor of Educational Psychology at the University of California, Santa Barbara; and Universitair Hoofddocent in the Department of Data Theory at Leiden. He is Fellow of the American Statistical Association, American Psychological Association, American Psychology Society, and the American Association for the Advancement of Science. His editorships have included *Psychometrika* (1989-1993) and the *Journal of Educational Statistics* (1980-1986). He has been President of the Psychometric Society (1983-4); the Classification Society of North America (1984-1986); and is an elected Foreign Member of the Royal Netherlands Academy of Arts and Sciences.

Dr. W. Holmes Finch

Recipient of the 2009 Division 5 Anne Anastasi Early Career Award



Holmes Finch is an Associate Professor in the Department of Educational Psychology at Ball State University where he has been since 2003. He received his PhD from the University of South Carolina in 2002, with his dissertation focused on dimensionality assessment of dichotomous items. Prior to arriving at Ball State, he managed the consulting laboratory in the Statistics Department at the University of South Carolina for 12 years, advising faculty and graduate students on the appropriate statistical methods for their research. Dr. Finch teaches courses in factor analysis, structural equation modeling, categorical data analysis, regression, multivariate statistics and measurement to graduate students in psychology and education. His research interests are in the areas of latent variable modeling and nonparametric multivariate statistics. He continues to pursue work in the area of multidimensional item response theory, particularly in the estimation of item parameters. In addition, he has investigated the performance of a variety of methods for detecting differential item functioning, particularly those in the latent variable context, such as the MIMIC model and IRT-Likelihood Ratio Test. Dr. Finch is currently studying multilevel latent variable structure, focusing on parameter estimation for both item response theory and structural equation models. He also is pursuing an interest in permutation tests for Multivariate Analysis of Variance. He is a member of APA Division 5, the American Educational Research Association, the National Council on Measurement in Education, the American Statistical Association, and the Psychometric Society.