A Guide to Teaching Statistics: Innovations and Best Practices

Michael R. Hulsizer, Linda M. Woolf

DESCRIPTION

A Guide to Teaching Statistics: Innovations and Best Practices addresses the critical aspects of teaching statistics to undergraduate students, acting as an invaluable tool for both novice and seasoned teachers of statistics.

• Guidance on textbook selection, syllabus construction, and course outline

• Classroom exercises, computer applications, and Internet resources designed to promote active learning

• Tips for incorporating real data into course content

• Recommendations on integrating ethics and diversity topics into statistics education

• Strategies to assess student's statistical literacy, thinking, and reasoning skills

• Additional material online at www.teachstats.org

ABOUT THE AUTHOR

Michael R. Hulsizer is Associate Professor of Experimental Psychology at Webster University in St. Louis, Missouri, where he was honored with the prestigious William T. Kemper Award for Excellence in Teaching (2002). He has attended numerous National Institute on the Teaching of Psychology conferences and has won awards for posters presented at the conference. Michael
has coauthored several teaching resources available at the Office of Teaching Resources in Psychology – Online. In addition, he recently contributed a chapter with Linda on incorporating diversity into research methods for Best Practices for Teaching Statistics and Research Methods in the Behavioral Sciences. Michael has also authored articles on mass violence, hate groups, and interpersonal aggression.

**Linda M. Woolf** is Professor of Experimental and Peace Psychology at Webster University. Linda is the recipient of several teaching awards including the 1988 Early Career Award from the Society for the Teaching of Psychology (Division 2, APA), Emerson Electric Excellence in Teaching Award (1990, 2000), and William T. Kemper Award for Excellence in Teaching (2000). She has authored numerous curriculum resources, book chapters, and journal articles concerning international psychology, peace psychology, mass violence, human rights, and research methods. Linda is Past-President of the Society for the Study of Peace, Conflict, and Violence (Division 48, APA) and former Secretary and Newsletter Editor for the Society for the Teaching of Psychology.

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**FEATURES**

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