

How to Design and Evaluate Research in Education, 10e

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Detailed List of New Features

In the tenth edition, *How to Design and Evaluate Research in Education*, provides a comprehensive introduction to educational research. The text covers the most widely used research methodologies and discusses each step in the research process in detail. Step-by-step analysis of real research studies provides students with practical examples of how to prepare their work and read that of others. End-of-chapter problem sheets, comprehensive coverage of data analysis, and information on how to prepare research proposals and reports make it appropriate both for courses that focus on doing research and for those that stress how to read and understand research. An early focus on how to locate appropriate literature helps students make effective use of online search tools.

Digital Connect®—The Connect Suite effectively engages students in the course so they are better prepared for class, more active in discussion, and achieve better results. Its innovative and adaptive technology addresses a wide variety of student and instructor needs with a rich database of assignable and assessable activities, each attached to learning objectives. Connect, part of the Connect suite, is a web-based assignment and assessment platform that features numerous powerful tools that make managing assignments easier for instructors and learning and studying more engaging and efficient for students.

Connect Insight™—As part of the Connect Suite, Insight™ puts real-time analytics in your hands so you can take action early and keep struggling students from falling behind. Designed for your tablet or desktop computer, Insight is a series of visual displays providing at-a-glance information regarding how your section, students, and assignments are doing.

SmartBook—As part of the Connect Suite, SmartBook is the first and only adaptive reading and learning experience that changes the way students read. It creates a personalized, interactive reading environment like no other by highlighting important concepts, while helping students identify their strengths and weaknesses. This ensures that he or she is focused on the content needed to close specific knowledge gaps, while it simultaneously promotes long term learning.

LearnSmart—As part of the Connect Suite, LearnSmart is an adaptive learning program designed to

help students learn faster, study smarter, and retain more knowledge for greater success. Millions of students have answered billions of questions in LearnSmart, making it the most widely used tool that's proven to strengthen memory recall, retain student attendance, and boost grades.

Chapter by Chapter Changes

Chapter 1- Addition of new key terms

Chapter 2- Continued coverage of the basics of educational research

Chapter 3- Continued coverage on locating and reviewing literature

Chapter 4- Updated controversies in research boxed feature on clinical trials

Chapter 5- Updated coverage on variables and hypotheses

Chapter 6- Continued coverage of sampling

Chapter 7- Continued coverage of instrumentation

Chapter 8- Continued coverage of validity and reliability

Chapter 9- Continued coverage of internal validity

Chapter 10- Continued coverage of descriptive statistics

Chapter 11- Continued coverage of inferential statistics

Chapter 12- Continued coverage of statistics in perspective

Chapter 13- Inclusion of new research report and analysis of the study

Chapter 14- Continued coverage of single-subject research

Chapter 15- Continued coverage of correlational research

Chapter 16- Continued coverage of casual-comparative research

Chapter 17- Continued coverage of survey research

Chapter 18- Continued coverage on the nature of qualitative research

Chapter 19- Continued coverage of observation and interviewing

Chapter 20- Continued coverage of content analysis

Chapter 21- Inclusion of new research report and analysis of the study

Chapter 22- Continued coverage of historical research

Chapter 23- Inclusion of new research report and analysis of the study

Chapter 24- Continued coverage of action research

Chapter 25- Continued coverage on preparing research proposals and reports

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