



International  
Edition

# Understanding and Evaluating Educational Research

Fourth Edition

James H. McMillan • Jon F. Wergin

PEARSON



# CONTENTS

**Chapter 1      Introduction to Reading Educational Research      1**

**Chapter 2      Quantitative Nonexperimental Designs      14**

**Articles:**

1. The Gap Between Beliefs and Practices: Early Childhood Practitioners' Perceptions About Inclusion 18  
*Deborah A. Bruns and Cathy C. Mogharreban*
2. Building a Methodological Foundation: Doctoral-Level Methods Courses in Colleges of Education 30  
*Nancy L. Leech and Laura D. Goodwin*
3. Relationship Between Parents, Peers, Morality, and Theft in an Adolescent Sample 38  
*Beth Judy and Eileen S. Nelson*
4. College Success of Students from Three High School Settings 49  
*Joe P. Sutton and Rhonda S. Galloway*

**Chapter 3      Experimental Designs      60**

**Articles:**

5. The Effects of an Early Reading Curriculum on Language and Literacy Development of Head Start Children 63  
*Lucy Hart Paulson, Karen L. Kelly, Stacia Jepson, Rick van den Pol, Rhea Ashmore, Merle Farrier, and Shannon Guilfoyle*
6. The Influence of Concept Mapping on Achievement, Self-regulation, and Self-efficacy in Students of English as a Second Language 72  
*Pasana Chularut and Teresa K. DeBacker*
7. Grade Distributions, Grading Procedures, and Students' Evaluations of Instructors: A Justice Perspective 83  
*Jasmine Tata*

**Chapter 4      Qualitative Designs      89**

**Articles:**

8. "A Fly in the Buttermilk": Descriptions of University Life by Successful Black Undergraduate Students at a Predominately White Southeastern University 94  
*Mitzi Davis, Yvonne Dias-Bowie, Katherine Greenberg, Gary Klukken, Howard R. Pollio, Sandra P. Thomas, and Charles L. Thompson*
9. The Impact of High School Teacher Behaviors on Student Aggression 109  
*Angela Spaulding*
10. Why Do Teachers Not Practice What They Believe Regarding Technology Integration? 120  
*Chao-Hsiu Chen*

**Chapter 5      Mixed-Method Designs      134**

**Articles:**

11. The Artistic and Professional Development of Teachers: A Study of Teachers' Attitudes Toward and Use of the Arts in Teaching 136  
*Barry Oreck*
12. Preservice Teachers' Educational Beliefs and Their Perceptions of Characteristics of Effective Teachers 151  
*Lynn C. Minor, Anthony J. Omwuegbuzie, Ann E. Witcher, and Terry L. James*

**Chapter 6      Action/Practitioner Research      166**

**Articles:**

13. When Do They Choose the Reading Center? Promoting Literacy in a Kindergarten Classroom 168  
*Susan K. Green, Clair Britt, and Patsy Parker*
14. Doing Research That Makes a Difference 173  
*Estela Mara Bensimon, Donald E. Polkingborne, Georgia L. Bauman, and Edlyn Vallejo*

**Appendix A      186**

**Index      201**