SIXTH EDITION

RESEARCH DESIGN

Qualitative, Quantitative, and Mixed Methods Approaches



JOHN W. CRESWELL • J. DAVID CRESWELL



RESEARCH DESIGN

Sixth Edition

Sara Miller McCune founded SAGE Publishing in 1965 to support the dissemination of usable knowledge and educate a global community. SAGE publishes more than 1000 journals and over 600 new books each year, spanning a wide range of subject areas. Our growing selection of library products includes archives, data, case studies and video. SAGE remains majority owned by our founder and after her lifetime will become owned by a charitable trust that secures the company's continued independence.

Los Angeles | London | New Delhi | Singapore | Washington DC | Melbourne

RESEARCH DESIGN

Qualitative, Quantitative, and Mixed Methods Approaches

Sixth Edition

John W. Creswell

University of Michigan

J. David Creswell

Carnegie Mellon University



Los Angeles | London | New Delhi Singapore | Washington DC | Melbourne



London

New Delhi

Singapore

Washington DC

Melbourne



SAGE Publications, Inc.

2455 Teller Road

Thousand Oaks, California 91320

E-mail: order@sagepub.com

SAGE Publications Ltd.

1 Oliver's Yard

55 City Road

London EC1Y 1SP

United Kingdom

SAGE Publications India Pvt. Ltd.

B 1/I 1 Mohan Cooperative Industrial Area

Mathura Road, New Delhi 110 044

India

SAGE Publications Asia-Pacific Pte. Ltd.

18 Cross Street #10-10/11/12

China Square Central

Singapore 048423

Copyright © 2023 by SAGE Publications, Inc.

All rights reserved. Except as permitted by U.S. copyright law, no part of this work may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without permission in writing from the publisher. All third-party trademarks referenced or depicted herein are included solely for the purpose of illustration and are the property of their respective owners. Reference to these trademarks in no way indicates any relationship with, or endorsement by, the trademark owner.

Printed in the United States of America

Library of Congress Cataloging-in-Publication Data

Names: Creswell, John W., author. | Creswell, J. David, author.

Title: Research design : qualitative, quantitative, and mixed methods approaches / John W. Creswell, J. David Creswell.

Description: Sixth edition. | Thousand Oaks, California : SAGE, [2023] | Includes bibliographical references and index.

Identifiers: LCCN 2022032270 | ISBN 9781071817940 (paperback ; alk. paper) | ISBN 9781071817971 (pdf) | ISBN 9781071817964 (epub) | ISBN 9781071817957 (epub)

Subjects: LCSH: Social sciences—Research—Methodology. | Social sciences—Statistical methods.

Classification: LCC H62 .C6963 2023 | DDC 300.72/1—dc23/eng/20220707 LC record available at <u>https://lccn.loc.gov/2022032270</u>

This book is printed on acid-free paper.

22 23 24 25 26 10 9 8 7 6 5 4 3 2 1

Acquisitions Editor: Leah Fargotstein

Product Associate: Audra Bacon

Production Editor: Tracy Buyan

Copy Editor: Pam Schroeder

Typesetter: C&M Digitals (P) Ltd.

Proofreader: Jennifer Grubba

Indexer: Integra

Cover Designer: Janet Kiesel

Marketing Manager: Victoria Velasquez

BRIEF CONTENTS

Preface **Companion Website** Acknowledgments About the Authors PART I PRELIMINARY CONSIDERATIONS Chapter 1 The Selection of a Research Approach Chapter 2 Review of the Literature Chapter 3 The Use of Theory Chapter 4 Writing Strategies and Ethical Considerations PART II DESIGNING RESEARCH Chapter 5 The Introduction Chapter 6 The Purpose Statement Chapter 7 Research Questions and Hypotheses Chapter 8 Quantitative Methods Chapter 9 Qualitative Methods Chapter 10 Mixed Methods Procedures Glossary References Author Index Subject Index

DETAILED CONTENTS

Preface **Companion Website** Acknowledaments About the Authors PART I PRELIMINARY CONSIDERATIONS Chapter 1 The Selection of a Research Approach Learning Objectives Introducing Key Terms in this Chapter Three Approaches or Methodologies in Research Three Major Components of a Research Approach Philosophical Worldviews The Postpositivist Worldview The Constructivist Worldview The Transformative Worldview The Pragmatic Worldview **Research Designs Quantitative Designs Qualitative Designs** Mixed Methods Designs **Research Methods** Interconnecting Worldviews, Designs, and Methods Criteria for Selecting a Research Approach The Research Problem and Questions **Personal Experiences** Audience Summary Key Terms Writing Exercises Additional Readings Chapter 2 Review of the Literature Learning Objectives Introduction The Research Topic A Draft Title A Significant Topic The Purpose and Organization of a Literature Review Purpose of a Literature Review The Organization of the Literature Review **General Forms**