

# Contents

	xi
Acknowledgments, First Edition	xiii
Acknowledgments, Second Edition	xvii
Introduction	xxiii
<b>PART I: SCIENCE IN ANTHROPOLOGY</b>	
<b>1 Anthropological Science</b>	3
Definitions	6
Assumptions	11
Goals	15
Methodological Principles	19
Cycle of Science	27
<b>2 Science—Problems with Progress</b>	31
Thomas Kuhn: Paradigms and Scientific Revolutions	32
Imre Lakatos: Progress on Progress	37
The Duhem-Quine Thesis	41
<b>3 Anthropological Science—Two Examples</b>	45
Man the Hunter	46
History of Hopewell Research	55
<b>PART II: CRITIQUES OF ANTHROPOLOGICAL SCIENCE</b>	
<b>4 The Postmodern Vanguard: Nontraditional Critics of Science</b>	69
Paul Feyerabend—Anything Goes	69

Sandra Harding: Women, Science, and Knowledge	74
The Development of the Postmodern Movement	77
Summary	85
<b>5 Elevating the Other/Looking Back upon Ourselves: Postmodern and Critical Anthropology</b>	87
History of Postmodern Anthropology	88
The Reality Question	93
The Crisis of Representation	96
The Science Question	97
The Authority Problem	101
Politics/Ethics/Morals	104
Summary	107
<b>6 The Mutable Past: Postmodern Archaeology</b>	111
Processual Archaeology: An Old New Thing	111
A Reconstructed Archaeology: The Postmodern Past	113
Deconstructing Reconstructed Archaeology	116
<b>PART III: ANALYSIS OF THE DEBATE</b>	
<b>7 Strange Bedfellows: A Comparison of Challenges to Scientific Anthropology</b>	125
A Literary Bent	126
Misunderstanding the Scientific Process	127
The Conspiracy Theories	130
Non Sequiturs: An Achilles' Heel	132
Ethics and Morality: The Engine of Science's Critics	133
The Silver Lining: What Criticism Can Do for Anthropological Science	135
<b>8 The Case against Crusading Anthropology</b>	137
Anthropology as Western Capitalist Propaganda—The Myth	138
The Indian New Deal: Navajo Stock Reduction	140
Discussion: Ethics and Anthropology	143
<b>9 Computational Social Science: Adding Method to Madness</b>	155
Complexity Theory: A Primer	155
Complexity Theory and Anthropology	157
Complexity Theory in Classical Anthropology	158
Postmodern Complexity: Bourdieu and Giddens	159
How Modeling Bridges the Gap	162
Conclusion	169

<b>10</b>	<b>Where Do We Go from Here? A Future for Scientific Anthropology</b>	171
	What Anthropologists Should Do: A Really Scientific Anthropology	172
	We Are Only Human Too: Practicing a Scientific Anthropology	176
	Living Together: Allowing Text, Idea, and Science to Work Together	178
	References	183
	Index	219
	About the Author	229

	<i>Cycle of Science</i>	27
	<i>Kuhnian Scientific Revolution</i>	35
	<i>Lakatos's Negative and Positive Heuristic</i>	39
	<i>Religious Systems of Thought</i>	39
	<i>Relationship between Archaeological Present and Past in Processual Archaeology</i>	112