

# CONTENTS

PREFACE	ix
1 <i>Randy Allen Harris</i> , Introduction	1
<b>PART 1</b>	
<b>ISSUES</b>	
<b><i>The Very Idea</i></b>	<b>39</b>
2 <i>Charles Sanders Peirce</i> , Ideas, Stray or Stolen, About Scientific Writing, No. 1	41
3 <i>Paul Newell Campbell</i> , The <i>Personae</i> of Scientific Discourse	46
4 <i>Philip C. Wander</i> , The Rhetoric of Science	62
5 <i>Herbert W. Simons</i> , Are Scientists Rhetors in Disguise? An Analysis of Discursive Processes within Scientific Communities	71
6 <i>Leah Ceccarelli</i> , Rhetorical Criticism and the Rhetoric of Science	85
<b><i>Through thick and thin</i></b>	<b>99</b>
7 <i>J. E. McGuire and Trevor Melia</i> , Some Cautionary Strictures on the Writing of the Rhetoric of Science	101
8 <i>Alan G. Gross</i> , Rhetoric of Science Without Constraints	111
9 <i>James H. Collier</i> , Reclaiming Rhetoric of Science and Technology: Knowing In and About the World	123
10 <i>David J. Depew and John Lyne</i> , The Productivity of Scientific Rhetoric	130
11 <i>Nathan Crick</i> , When We Can't Wait on Truth: The Nature of Rhetoric in <i>The Rhetoric of Science</i>	145
<b>PART 2</b>	
<b>METHODS</b>	
<b><i>Neoclassical</i></b>	<b>167</b>
12 <i>Kenneth S. Zagacki and William Keith</i> , Rhetoric, Topoi, and Scientific Revolutions	169
13 <i>Carolyn R. Miller</i> , <i>Kairos</i> in the Rhetoric of Science	184

14	<i>Jeanne Fahnestock</i> , Figures of Argument	203
15	<i>Gordon R. Mitchell</i> , Switch-Side Debating Meets Demand-Driven Rhetoric of Science	222
16	<i>Lynda Walsh and Kenneth C. Walker</i> , Uncertainty, Spheres of Argument, and the Transgressive Ethos of the Science Adviser	241
	<b><i>Neomodern</i></b>	<b>253</b>
17	<i>Xiaosui Xiao</i> , The 1923 Scientific Campaign and Dao-Discourse: A Cross-Cultural Study of the Rhetoric of Science	255
18	<i>Celeste M. Condit</i> , Race and Genetics from a Modal Materialist Perspective	280
19	<i>Craig O. Stewart</i> , Socioscientific Controversies: A Theoretical and Methodological Framework	303
20	<i>Alan G. Gross</i> , Presence as a Consequence of Verbal-Visual Interaction: A Theoretical Approach	324
21	<i>Ashley Rose Mehlenbacher and Kate Maddalena</i> , Networks, Genres, and Complex Wholes: Citizen Science and How We Act Together through Typified Text	342
	<i>Index</i>	359