## **Contents**

PART ONE: An Introduction and Overview	
CHAPTER 1  Advanced Placement in a Changing Educational Landscape  Philip M. Sadler	3
CHAPTER 2  Examining AP  Access, Rigor, and Revenue in the History of the Advanced Placement Program  Tim Lacy	17
PART TWO: Inside AP	
CHAPTER 3 How Are AP Courses Different? Philip M. Sadler	51
CHAPTER 4  AP Biology Teacher Characteristics and Practices and Their Relationship to Student AP Exam Performance  Pamela L. Paek, Henry Braun, Eva Ponte, Catherine Trapani, and Donald E. Powers	63
CHAPTER 5  Validating AP Exam Scores  Current Research and New Directions  Maureen Ewing, Kristen Huff, and Pamela Kaliski	85

PART THREE: Correlates of AP Participation	
CHAPTER 6 Advanced Placement Course Enrollment and Long-Range Educational Outcomes Robert H. Tai, Christine Qi Liu, John T. Almarode, and Xitao Fa	<b>109</b> in
CHAPTER 7 High School Advanced Placement and Success in College Coursework in the Sciences Philip M. Sadler and Gerhard Sonnert	119
CHAPTER 8  Persistence and Performance at a Four-Year University  The Relationship with Advanced Coursework During High School  William R. Duffy II	139
PART FOUR: Policy Issues	
CHAPTER 9  Advanced Placement Participation  Evaluating the Policies of States and Colleges  Kristin Klopfenstein and M. Kathleen Thomas	167
CHAPTER 10  Does the Advanced Placement Program Save Taxpayers Money?  The Effect of AP Participation on Time to College Graduation  Kristin Klopfenstein	189
CHAPTER 11  Preparing Students for Advanced Placement  It's a PreK–12 Issue  Chrys Dougherty and Lynn T. Mellor	219
CHAPTER 12 Whither Advanced Placement—Now? William Lichten	233

CHAPTER 13	
Advanced High School Coursework and College	
Admission Decisions	245
Philip M. Sadler	
CHAPTER 14	
Key Findings	263
Philip M. Sadler	
About the Editors	271
About the Contributors	273
Index	279