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   *Frances K. Stage, Ryan S. Wells*  
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2. Strains, Strengths, and Intervention Outcomes: A Critical Examination of Intervention Efficacy for Underrepresented Groups  
   *Krystal L. Williams*  
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3. Civic Engagement Measures for Latina/o College Students  
   *Cynthia M. Alcantar*  
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4. Using Large Data Sets to Study College Education Trajectories  
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5. Critical Quantitative Study of Immigrant Students  
   *Katherine M. Conway*  
   This chapter discusses the importance of critical quantitative research for studies of immigrant students, a large and growing group, whose higher education experience is crucial to the future of the United States. Important distinctions among immigrant students and areas of future inquiry are presented.

*Ginelle John, Frances K. Stage*

This chapter examines the institutional contexts within which underrepresented students study. Using national data, the chapter examines numbers of bachelor's degrees awarded to students by three types of institutions: minority-serving institutions, predominantly minority institutions, and predominantly White institutions.

7. Disrupting the Pipeline: Critical Analyses of Student Pathways Through Postsecondary STEM Education

*Heather E. Metcalf*

This chapter critically examines the pipeline model ideology that has become embedded within academic discourse, research, and data surrounding STEM work and education. The chapter provides novel alternatives for quantitative analysis and applies this approach to analysis of the STEM workforce.

8. The Changing Context of Critical Quantitative Inquiry

*Cecilia Rios-Aguilar*

The author reflects on each chapter in this volume and presents an extended framework to help scholars in the field of higher education and institutional research to be critical. She concludes by describing the opportunities and challenges of this recommended approach.

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