

Higher Education for Science and Engineering

Table of Contents

Preface	1
Chapter 1: Diversity of Students and Institutions	3
Chapter 2: Undergraduates in Science •	13
Chapter 3: Graduate Education and the University •	95
Chapter 4: Engineering Education • . * c o o * * . . .	188

APPENDIXES

Appendix A:	The Mathematics Workshop Project: Intervention With a Difference at the University of California, Berkeley	242
Appendix B:	Productivity Ratios for the Leading 100 Undergraduate Sources of Science and Engineering Ph.Ds	252
Appendix C:	Science and Engineering Graduate Study and Credentials in Other Nations •	256
Appendix D:	A Chronology of Reports on Engineering Education	262
Appendix E:	Contractor Reports	267