Contents

Preface page	, vi
Part I. Introduction 1. A new framework for research and development: Analysis and policy implications	; 3
Part II. The development of the institutional structure, 1860–1940	
2. The growing role of science in the innovation process	21
3. The beginnings of the commercial exploitation of science by U.S. industry	35
4. The U.S. research system before 1945	59
5. The organization of industrial research in Great Britain, 1900–1950	98
Part III. The development of the postwar system, 1940-1987	
6. Postwar federal investment in research and development	123
7. The U.S. commercial aircraft industry	169
Part IV. New environment, new research organizations	
8. The changing context of innovation, 1980-present	205
9. International and domestic collaboration in research and development	238
The state of the s	274
	290
	297 321