Contents

Part 1: Summary, Findings, and Policy Options 1

Executive Summary 1

1 Globalization in Perspective 5

Finding 1: Multinationals Develop Core Technology at Home 6

Finding 2: Trade Follows Investment in the 1990s 13 Finding 3: Corporate Governance and Finance Diverge Across the Triad 19

2 U.S. Technology Policy in International Economic Perspective 23

The Policy Context 23 Policy Issues and Options 30

Part H: National Technology Innovation and Multinational Firms 45

Findings 46

3 The U.S. Technology Base in Comparative Perspective 49

National Innovation Systems: Structural Differences 50 National Innovation Systems: Performance Patterns 59 Conclusions 72

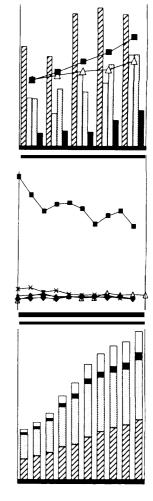
4 Multinationals and the Location of Innovation 75

The Location of Research and Development 76 Technology Trade 90 International Technical Alliances 96 Conclusions **99**

Part III: Trade and Investment in the Triad 101 Findings 102

5 Trends in Foreign Direct Investment 105

Global Trends in Inward and Outward Investment 106



Explaining Recent Shifts in Global FDI 112
Mergers and Acquisitions, Strategic Alliances, and Joint Ventures 115
The Dynamic Character of FDI in the United States 118
Investment Balances across the Triad 122

6 Multinational Firms and International Trade 129

The Trade and Investment Nexus 130 Forms of FDI-Contributions to the U.S. Technology Base 150

Part IV: Corporate Foundations of National Technology Systems 155

Findings 156

7 Corporate Governance and National Technology Systems 159

Corporate Governance in the United States 160 Corporate Governance in Japan 163 Corporate Governance in Germany 169 Conclusions 173

8 Corporate Finance and National Technology Systems 179

Financial Market Structure in the United States 180 Financial Market Structure in Japan 183 Financial Market Structure in Germany 185 Conclusions 187

APPENDIXES

A Glossary 193

B Summary of the First Multinationals Report (September 1993) 196

C Competition Policy Across the Triad 199

D Data Note 203

Index 205