**CONTENTS**

List of Figures xii  
List of Tables xiii  
List of Boxes xv  
List of Contributors xvii

1. Innovation: A Guide to the Literature  
   Jan Fagerberg  
   1

**PART I INNOVATION IN THE MAKING**

Introduction 28  
2. The Innovative Firm 29  
   William Lazonick

3. Networks of Innovators 56  
   Walter W. Powell and Stine Grodal

4. Innovation Processes 86  
   Keith Pavitt

5. Organizational Innovation 115  
   Alice Lam

6. Measuring Innovation 148  
   Keith Smith
# PART II THE SYSTEMIC NATURE OF INNOVATION

## Introduction

### 7. Systems of Innovation: Perspectives and Challenges

Charles Edquist

### 8. Universities in National Innovation Systems

David C. Mowery and Bhaven N. Sampat

### 9. Finance and Innovation

Mary O’Sullivan

### 10. Innovation and Intellectual Property Rights

Ove Granstrand

### 11. The Geography of Innovation: Regional Innovation Systems

Bjørn Asheim and Meric S. Gertler

### 12. Globalization of Innovation: The Role of Multinational Enterprises

Rajneesh Narula and Antonello Zanfei

---

# PART III HOW INNOVATION DIFFERS

## Introduction

### 13. Innovation through Time

Kristine Bruland and David C. Mowery


Franco Malerba

### 15. Innovation in “Low-Tech” Industries

Nick von Tunzelmann and Virginia Acha
16. Innovation in Services
IAN MILES

17. Innovation and Diffusion
BRONWYN H. HALL

PART IV INNOVATION AND PERFORMANCE

Introduction

18. Innovation and Economic Growth
BART VERSPAGEN

19. Innovation and Catching-up
JAN FAGERBERG AND MANUEL M. GODINHO

20. Innovation and Competitiveness
JOHN CANTWELL

21. Innovation and Employment
MARIO PIANTA

22. Science, Technology, and Innovation Policy
BENGÅKE LUNDVALL AND SUSANA BORRÁS