Contents

List of Boxes .............................................. xi
Preface ...................................................... xiii

1 Introduction ............................................. 1
   1.1 What This Book Provides ...................... 1
   1.2 Looking around Corners ....................... 4
   1.3 Ideological Stance ............................. 5
   1.4 Economics Embedded in Philosophy and Sociology 7
   1.5 My Own Biases .................................. 8
   1.6 What Is to Come? .............................. 9

PART I THE SUBJECT OF ECONOMICS .......... 13

2 What Economists Do .................................. 15
   2.1 What Economics Encompasses ................ 15
   2.2 How Economists Work .......................... 18
   2.3 Some Characteristics of Economics .......... 32
   APPENDIX 2.1: Unrealistic Assumptions Can a Good Theory Make 37
   APPENDIX 2.2: Is the Stock Market Efficient? 39

3 How Well Do They Do It? ......................... 43
   3.1 Forecasting ...................................... 43
   3.2 Choosing the Right Policies: The Problem of Value Judgments 47
   3.3 Implementing Economic Policies ............. 51
   3.4 Biases ............................................ 52
3.5 Disagreement among Economists 57
APPENDIX 3.1: A Survey of American Academic Economists’ Opinions 60

PART II SOME INFRASTRUCTURE 63

4 Beguiling Words 65
4.1 Some Widely Used Terms and Phrases 66
4.2 Some Terms and Phrases Relating to Economics and Politics 71

5 Important Economic Ideas: Often Misunderstood 84
5.1 Levels versus Rates of Change 84
5.2 Stocks versus Flows 86
5.3 Real versus Nominal 90
5.4 Future versus Current Dollars 91
5.5 The Price Level versus Relative Prices 97
5.6 Stable Prices versus Low Prices 98
5.7 Gross versus Net and Single versus Double Counting 98
5.8 Opportunity Costs versus Monetary Costs 99
5.9 Cost–Benefit Analysis 102
5.10 Wage Rates versus Labor Costs 104
5.11 Capital Goods versus Human Capital 105
5.12 Marginal versus Average Utility 106
5.13 Marginal versus Average Costs 107
5.14 Big Business versus Market Power 108
5.15 Pro-market versus Pro-business 109
6.16 “Should” and “Can” versus “Will” 109
5.17 Comparative versus Absolute Advantage 110

PART III ECONOMIC THEORY AND POLICY 113

6 The Crown Jewel of Economics: The Price Mechanism 115
6.1 An Overview of the Price Mechanism 115
6.2 Equilibrium 118
6.3 Shortages 120
6.4 A Digression: The Equilibrium of the Firm 121
6.5 What Happens in the Absence of a Price Mechanism? 122
6.6 The Dark Side of the Price Mechanism 126
6.7 The Upshot 144
APPENDIX 6.1: More on Supply and Demand 147
# Contents

## 7 Risk Taking and Incentives
- 7.1 Risk Bearing and Entrepreneurship  
  156
- 7.2 Incentives  
  159

## 8 Looking around Corners
- 8.1 Do Easier Bankruptcy Laws Help the Poor?  
  177
- 8.2 Should Artists Receive a Share of the Capital Gain When Their Work Is Resold?  
  179
- 8.3 Do We Want Fewer People Exploiting the Poor?  
  181
- 8.4 Cut the Gas Tax to Slow the Rise of Soaring Gas Prices?  
  183
- 8.5 A Costless Way to Alleviate Destitution in Third World Countries?  
  185
- 8.6 Ban or Fine All Speculators?  
  187
- 8.7 Is Limiting Tobacco Advertising an Effective Policy?  
  191
- 8.8 Would Importing Pharmaceuticals from Canada Substantially Lower Drug Prices?  
  192
- 8.9 An Efficient and Humane Way to Reduce Cocaine Production?  
  193
- 8.10 Protecting Lives by Requiring Use of Seatbelts?  
  195
- 8.11 Do You Really Want Your Bid to Win?  
  196
- 8.12 Is Fast Chinese Economic Growth Bad for the United States?  
  197
- 8.13 In Emergencies Should Prices Ration Supply, Thus Letting the Rich Outbid the Poor?  
  201
- 8.14 Is Gaining from Someone’s Misfortune a Moral Wrong?  
  202
- 8.15 Should Those Close at Hand Have a Special Responsibility to Alleviate Misery?  
  204
- 8.16 Seven Short Ones  
  205
- 8.17 On the Other Hand  
  208

## 9 Natural Resources and Environmental Economics
- 9.1 Running Out of Privately Owned Natural Resources  
  210
- 9.2 The Tragedy of the Commons  
  215
- 9.3 Pollution Permits and Taxes on Pollutants  
  217
- 9.4 Tail-pipe Pollution  
  222
- 9.5 Protecting Endangered Species  
  223

## PART IV LOOKING AT DATA

## 10 Empirical Economics
- 10.1 Role of Empirical Work in Economics  
  227
10.2  Types of Empirical Evidence  228
10.3  What to Watch Out for in Statistics: Some General Problems  230
APPENDIX 10.1: Survey Data  242
APPENDIX 10.2: Measuring GDP, Savings Rates, Price Indexes, Employment, and Poverty  244

11  Some Simple (?) Ways of Presenting Data: Percentages, Figures, and Graphs  252
11.1  Percentages  252
11.2  Figures and Graphs  255

12  Samples and Their Problems  260
12.1  Selecting a Representative Sample  260
12.2  Watching for Inappropriate Samples  261
12.3  The Regression Fallacy: Building a Bias into the Sample  262
12.4  Sample Size and Coincidence  264
12.5  Sampling Error, Confidence Intervals, and Significance  265
12.6  Some Warnings about Significance Tests  268
APPENDIX 12.1: The Normal Distribution  269

13  Regressions: The Workhorse of Empirical Economics  272
13.1  The Regression Coefficient  273
13.2  How Well Does the Regression Fit the Data?  275
13.3  What Should You Look at in a Regression?  277
13.4  A Summing Up  279
13.5  Looking the Workhorse in the Mouth  279
13.6  In Conclusion  290

14  The Workhorse in Action: Some Examples of Empirical Economics  292
14.1  Consumption and Saving  293
14.2  Should You Choose a Large Mutual Fund?  300
14.3  The Slave Trade and African Economic Development  303
14.4  The Effect of Tax Changes on Real GDP  306

Epilogue  311
Index  315