

CONTENTS

Foreword	ix	
Acknowledgments	xi	
Contributors	xiii	
Overview	1	
PART I	MIGRATION AND REMITTANCES	19
1	Determinants of Migration, Destination, and Sector Choice: Disentangling Individual, Household, and Community Effects	21
	<i>by Jorge Mora and J. Edward Taylor</i>	
2	Remittances, Poverty, and Investment in Guatemala	53
	<i>by Richard H. Adams, Jr.</i>	
3	Remittances and Poverty in Migrants' Home Areas: Evidence from the Philippines	81
	<i>by Dean Yang and Claudia A. Martínez</i>	
4	Beyond Remittances: The Effects of Migration on Mexican Households	123
	<i>by David J. McKenzie</i>	

PART II	BRAIN DRAIN, BRAIN GAIN, BRAIN WASTE	149
5	International Migration by Education Attainment, 1990–2000 <i>by Frédéric Docquier and Abdeslam Marfouk</i>	151
6	Brain Gain: Claims about Its Size and Impact on Welfare and Growth Are Greatly Exaggerated <i>by Maurice Schiff</i>	201
7	Educated Migrants: Is There Brain Waste? <i>by Çağlar Özden</i>	227
8	Skilled Immigrants, Higher Education, and U.S. Innovation <i>by Gnanaraj Chellaraj, Keith E. Maskus, and Aaditya Mattoo</i>	245
	Index	261

Figures

1.1	Labor Migrants as Percentage of Mexican Village Populations, by Migrant Destination, 1980–2002	23
1.2	Labor Migrants as Percentage of Mexican Village Populations, by Migrant Destination and Sector of Employment, 1980–2002	33
3.1	Exchange Rates in Selected Locations of Overseas Filipinos, July 1996 to October 1998	87
4.1	Estimated Probability of a Household Head Migrating, by Household Consumption Level at Different Deciles of the Community Migration Prevalence Distribution	134
6.1	Brain Gain, Brain Drain, and Net Brain Gain	205
6.2	Endogenous Migration Probability	206
6.3	Group Heterogeneity	208
6.4	Brain Drain and LDC's Growth	219
7.1	Distribution of a_j	228
7.2	Migration Patterns from Select Countries	233
7.3	Migration Patterns from Select Countries for People with Tertiary Education	234
7.4	Tertiary Education at Home and among Immigrants to the United States, 1990s	235

7.5	Composition of Migrants to Europe and the United States by Education	236
7.6	Portion of Migrants with Tertiary Education Who Obtain Skilled Jobs, 1990s Arrivals	238
8.1	Skilled Immigrants	247
8.2	H1B Beneficiaries, 1992–2003	248
8.3	Foreign Students	248
8.4	H1B Beneficiaries by Country, 2003	254

Tables

1.1	Descriptive Statistics	28
1.2	Variable Means by Migrant Destination and Sector of Employment	30
1.3	One- and Two-Destination Multinomial Logit Model Results	34
1.4	Two-Destination, Two-Sector Multinomial Logit Model Results	36
1.5	Estimated Marginal Effects on Migration Probabilities	42
1.6	Estimated Marginal Effects on Migration-Sector Probabilities	43
1.7	Baseline Probability for Each Migration Destination-Sector Regime	44
2.1	Summary Data on Nonremittance Households and Remittance-Receiving Households, Guatemala, 2000	56
2.2	Multinomial Logit Model for Guatemala	60
2.3	Household Income Estimates (Selection Corrected) for Guatemala	62
2.4	Regression to Estimate Predicted Per Capita Household Expenditure (Excluding Remittances)	65
2.5	Predicted Per Capita Expenditures for Nonremittance Households and Remittance-Receiving Households, Guatemala, 2000	67
2.6	Effect of Remittances on Poverty for Nonremittance Households and Remittance-Receiving Households, Guatemala, 2000	69
2.7	OLS Regression Analysis of Household Expenditure in Guatemala, without Remittance Variables	72
2.8	OLS Regression Analysis of Household Expenditure in Guatemala, with Remittance Variables	74
2.9	Marginal Budget Shares on Expenditure for Nonremittance Households and Remittance-Receiving Households, Guatemala, 2000	76

3.1	Locations of Overseas Workers from Sample Households	85
3.2	Characteristics of Overseas Workers from Sample Households	86
3.3	Descriptive Statistics for Households with Overseas Migrants	94
3.4	Descriptive Statistics for Households without Overseas Migrants	96
3.5	Impact of Migrant Exchange Rate Shocks, 1997–8	102
3.6	Impact of Region-Level Migrant Exchange Rate Shocks on Nonmigrant Households, 1997–8	108
3.7	Impact of Region-Level Migrant Exchange Rate Shocks, 1997–8	111
3.8	Impact of Migrant Exchange Rate Shocks on Child Human Capital and Entrepreneurship, 1997–8	114
4.1	The Impact of Migration on Health Outcomes and Health Inputs	129
4.2	The Impact of Migration on Maternal Health Knowledge	131
4.3	Network Size and Probability of Migration	133
4.4	The Impact of Migration on Consumption Inequality in ENADID Communities	136
4.5	Impact of Migration on Years of Schooling	140
5.1	Data Sources	162
5.2	International Mobility by Educational Attainment— An Overview	164
5.3	Data by Country Group in 2000	170
5.4	Top 30 Skilled Immigration Countries 2000	175
5.5	Net Brain Gain in OECD Countries in 1990	178
5.6	Net Brain Gain in OECD Countries in 2000	182
6.1	Impact of the Brain Drain on Education	220
7.1	Country-Level Determinants of Probability of Obtaining A Skilled Job, 1990s	241
7.2	Country-Level Determinants of Probability of Obtaining A Skilled Job, 1990s, with European Migration Policy Indicators	242
8.1	The Impacts of Foreign Graduate Students and Skilled Immigrants on Patent Applications and Grants, 1965–2001	252