

Environmental and Nuclear Networks in the Global South

For decades, expert bureaucrats have been moving regularly across borders, from their home institutions to international organizations, and forging collaborative networks with peers. Analyzing over twenty-five years of environmental and nuclear technology projects data for 150 countries, this book provides a comprehensive study of international cooperation among elite bureaucrats in developing states. An empirical study that will interest researchers, undergraduate, and graduate students of political and social sciences, this is the first book to explain the causes of transnational cooperation in the Global South and find a link between domestic level of skills and international cooperation. The author methodically illustrates how state experts with high skills can reap the benefits of international technical cooperation. In contrast, bureaucrats with low skills cannot forge stable collaborative ties with foreign peers and gain little from participating in these trans-governmental networks.

Isabella Alcañiz is Assistant Professor and the Harrison Distinguished Professor in Environmental Politics at the Department of Government and Politics, University of Maryland. Professor Alcañiz grew up in South America and has carried out extensive field research in Latin America and Africa. She has taught at the University of Pennsylvania, the University of Houston, and universities in Argentina and Europe. Her research is published in *World Politics*, the *British Journal of Political Science*, the *Latin American Research Review*, *Latin American Perspectives*, *Revista de Ciencia Política*, *Desarrollo Económico*, *Water Policy*, and *Environmental Science and Policy*. She received her Ph.D. in Political Science from Northwestern University.

Structural Analysis in the Social Sciences

Mark Granovetter, editor

The series *Structural Analysis in the Social Sciences* presents studies that analyze social behavior and institutions by reference to relations among such concrete social entities as persons, organizations, and nations. Relational analysis contrasts on the one hand with reductionist methodological individualism and on the other with macro-level determinism, whether based on technology, material conditions, economic conflict, adaptive evolution, or functional imperatives. In this more intellectually flexible structural middle ground, analysts situate actors and their relations in a variety of contexts. Since the series began in 1987, its authors have variously focused on small groups, history, culture, politics, kinship, aesthetics, economics, and complex organizations, creatively theorizing how these shape and in turn are shaped by social relations. Their style and methods have ranged widely, from intense, long-term ethnographic observation to highly abstract mathematical models. Their disciplinary affiliations have included history, anthropology, sociology, political science, business, economics, mathematics, and computer science. Some have made explicit use of social network analysis, including many of the cutting-edge and standard works of that approach, whereas others have kept formal analysis in the background and used “networks” as a fruitful orienting metaphor. All have in common a sophisticated and revealing approach that forcefully illuminates our complex social world.

Recent Books in the Series

- Philippe Bourgois, *In Search of Respect: Selling Crack in El Barrio* (Second Edition)
 Nan Lin, *Social Capital: A Theory of Social Structure and Action*
 Robert Franzosi, *From Words to Numbers*
 Sean O’Riain, *The Politics of High-Tech Growth*
 James Lincoln and Michael Gerlach, *Japan’s Network Economy*
 Patrick Doreian, Vladimir Batagelj, and Anujka Ferligoj, *Generalized Blockmodeling*
 Eiko Ikegami, *Bonds of Civility: Aesthetic Networks and Political Origins of Japanese Culture*
 Wouter de Nooy, Andrej Mrvar, and Vladimir Batagelj, *Exploratory Social Network Analysis with Pajek*
 Peter Carrington, John Scott, and Stanley Wasserman, *Models and Methods in Social Network Analysis*
 Robert C. Feenstra and Gary G. Hamilton, *Emergent Economies, Divergent Paths*
 Martin Kilduff and David Krackhardt, *Interpersonal Networks in Organizations*
 Ari Adut, *On Scandal: Moral Disturbances in Society, Politics, and Art*
 Zeev Maoz, *The Networks of Nations: The Evolution and Structure of International Networks, 1815–2002*
 Noah E. Friedkin and Eugene C. Johnsen, *Social Influence Network Theory*
 Sean F. Everton, *Disrupting Dark Networks*
 Dean Lusher, Johan Koskinen, and Garry Robins, eds., *Exponential Random Graph Models for Social Networks: Theory, Methods, and Applications*
 Silvia Domínguez and Betina Hollstein, eds., *Mixed Methods in Studying Social Networks*

Environmental and Nuclear Networks in the Global South

How Skills Shape International Cooperation

ISABELLA ALCAÑIZ

University of Maryland



CAMBRIDGE
UNIVERSITY PRESS

Cambridge University Press
978-1-107-15011-9 — Environmental and Nuclear Networks in the Global South
Isabella Alcañiz
Frontmatter
[More Information](#)

CAMBRIDGE
UNIVERSITY PRESS

32 Avenue of the Americas, New York NY 10013

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781107150119

© Isabella Alcañiz 2016

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2016

A catalog record for this publication is available from the British Library.

ISBN 978-1-107-15011-9 Hardback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party Internet Web sites referred to in this publication and does not guarantee that any content on such Web sites is, or will remain, accurate or appropriate.

Contents

<i>List of Figures</i>	<i>page</i> vii
<i>List of Tables</i>	ix
<i>Preface</i>	xi
<i>Acknowledgments</i>	xix
1 Why Do Bureaucrats Cooperate? International Inter-Agency Networks in the Global South	I
2 Bureaucrats across Borders	29
3 Skill Formation, Economic Crisis, and Expert Networks in the Nuclear Sectors of Argentina and Brazil	47
4 International Inter-Agency Cooperation in Nuclear Energy, Science, and Technology (NEST)	73
5 Explaining International Inter-Agency Cooperation in Nuclear Energy, Science, and Technology (NEST)	97
6 International Inter-Agency Cooperation in the Protection of the Global Environment	116
7 Explaining International Inter-Agency Cooperation in the Protection of the Environment	139
8 After Austerity	157
9 Conclusion: The Hidden Costs of Low Skills	176
<i>Bibliography</i>	191
<i>Index</i>	203

Figures

4.1 Dendrogram of association between members of the ARCAL network	<i>page</i> 92
4.2 Dendrogram of association between members of the AFRA network	92
4.3 Dendrogram of association between members of the RCA network	93
4.4 Network of inter-agency collaboration in NEST	94
5.1 Effect of government spending and homophily on participation in collaborative nuclear projects	112
6.1 Collaboration network, thinned by high (frequent) collaborators	135
7.1 Effect of homophily terms: region, inter-country differences in GEF financing, scientific publications, and bureaucratic competence	151
8.1 Growth rates for the world and the regions of the global south, 1961–2009	165
8.2 Share of the total project cost financed by GEF, 1991–2011	168

Tables

1.1 A Theory of Expert Bureaucrats	<i>page</i> 13
4.1 Policy Area Addressed by the Project by Region	79
4.2 Budget for ARCAL 1983–2004	85
4.3 AFRA Affiliation Matrix	88
4.4 ARCAL Affiliation Matrix	89
4.5 RCA Affiliation Matrix	90
A.4.1 Participating Countries in RCA, AFRA, and ARCAL	96
5.1 Participation in Collaborative Projects in NEST	107
5.2 Joint Collaboration in NEST Projects	110
5.3 Exponential Random Graph Models of Nuclear Cooperation, Valued Network	114
6.1 Projects by Policy Area and Region	123
6.2 Percentages of GEF Financing and Countries' Co-financing by Region	132
6.3 Affiliation Matrix of Collaboration in GEF Projects, Selected Latin American Countries	133
A.6.1 Participating Countries in GEF Grants and Number of Projects	136
7.1 Explaining the Determinants of Collaboration in GEF Projects, Regional Model	148
7.2 Explaining the Determinants of Collaboration on GEF Projects, Full Model	149
8.1 Determinants of Inter-Agency Cooperation in GEF Projects	172

Preface

This book started long ago with the first interviews I conducted with nuclear experts, as part of my dissertation fieldwork. I began researching Nuclear Energy, Science, and Technology (NEST) in order to explain the radical turnaround in nonproliferation policy and strategic scale back adopted jointly by the new civilian governments of Argentina and Brazil in the mid- to late 1980s. After years of building up their nuclear programs and refusing to sign the 1970 Nonproliferation Treaty, these two historic regional rivals began collaborating in NEST. Initially, my assumption was that cooperation in the Southern Cone resulted from democratization: military dictatorships built up the nuclear sector in order to increase their geopolitical standing in the (Cold War) world; once they left power, democrats dismantled the sector. But while perhaps democratic change could explain why civilians in Argentina and Brazil sought greater control over their NEST programs separately, regime transition on its own could not explain why they decided to coordinate their nuclear foreign policy and cooperate in technology development.

In the course of those early interviews at the Argentine National Atomic Energy Commission (CNEA) and the Brazilian National Nuclear Energy Commission (CNEN), state experts on both sides of the border highlighted the close ties that existed between them. In many of these conversations (as well as in later ones with environmental experts), I was told that foreign counterparts often made better allies than their own government. Colleagues abroad experienced similar obstacles: budget cuts, hiring freezes, defunding of projects and programs – they said – and faced the same uphill battle in securing new funding from their political principals. The political leadership, on the other hand, operated within the

limits of the bottom line, which in the 1980s and 1990s trended toward losses.

Not surprisingly, nuclear bureaucrats told me time and again that they were able to anticipate when a new wave of spending cuts would be put in place. Sometimes, given a common history and a shared culture, they could even read the cues of an economic downturn in the neighboring country, which in all likelihood anticipated an eventual downturn at home. Unexpectedly, in these early interviews, they reported seeking alternatives outside of the budget. That is, in order to continue Research and Development activities and deepen existing programs, nuclear experts sought external options. These alternatives included increasing participation in international technical organizations, in particular the International Atomic Energy Agency (IAEA) and above all, cooperating with peers on common projects.

Thus, what came out of those first interviews in Argentina and Brazil was that cooperation in NEST was more of an economic story than a political one. Rather than security concerns separating bureaucrats along borders, with political principals bringing them together after democratization (as I had expected), it was shared economic uncertainties that brought state experts together. Indeed, collaboration between the two South American countries was done on the cheap. Most exchanges were paid in kind, whereby the CNEA would pick up the tab when hosting training exercises with CNEN experts, for example, and CNEN would do the same when hosting their Argentine colleagues. As Chapter 3 of this book reveals, projects were devised on a shared, tight budget and many, despite this, remained unfinished because of the lack of funding on both sides of the border.

In the course of my research I discovered a network of cooperation in NEST that expanded beyond the two advanced nuclear producers of South America. In fact, all three regions of the developing world had networks of state experts collaborating on technical projects in NEST, with some of the projects involving inter-regional cooperation. As it turned out, countries of the Global South had been working together in NEST since the late 1970s, in Asia; mid-1980s, in Latin America; and early 1990s, in Africa. Cross-national projects included applications in nuclear medicine and public health, the environment, and radiation safety. Since the 1970s, the IAEA sponsors these regional networks, but as the following chapters show, rather than funding technical projects, the international organization (IO) helps facilitate coordination among participants.

The interviews I conducted with South American experts uncovered clear preferences for transgovernmental cooperation. Bureaucrats preferred to cooperate with peers in agencies that were equal or superior in resources. For example, Argentines sought to join cross-national projects where Brazilians were participants, and vice versa. Projects in human health proposed by the Cuban state agency in NEST (the Agency of Nuclear Energy and Advanced Technologies or AENTA) with a well-known niche expertise in nuclear medicine were more likely to be adopted as many Latin American experts would sign on. My interviews with African nuclear professionals revealed similar preferences. Projects based in the state laboratories of Northern African states were more likely to be chosen than those proposed by less developed agencies in the region.

The cooperation preferences of NEST bureaucrats across the developing world revealed in turn a shared preoccupation in accessing resources abroad, particularly skills. This led me to the literature on the political economy of skills, discussed at length in the following two chapters. While most of the focus of this scholarship is on the effect of skills on international economic competition, many of its key findings proved of great interest to my research project on domestic skills and international cooperation. The fact that employers and states tend to privilege a certain type of worker (e.g., young, employed, and skilled) when offering training opportunities resonated strongly with what state experts in NEST had discussed in their interviews with me. In particular, the IAEA officers that help coordinate cross-national projects, whom I interviewed at the Vienna, Austria, headquarters of the IO, identified the level of program development as a major determinant when asked about transgovernmental cooperation. If skilled workers are more likely to access training in the private sector, is there a similar advantage in the public sector? In other words, is there a demonstrable advantage for expert bureaucrats when it comes to training opportunities?

Thus, this is how the theory of the expert bureaucrat and the book's main hypotheses came to be. First, my research sought to explain cooperation between bureaucrats from two advanced nuclear energy producers. Collaboration between CNEA and CNEN resulted from experts' compensatory strategy to make up for lost resources during the Lost Eighties Decade. This led to the question of whether international inter-agency cooperation was just a bilateral strategy between two close neighbors, or was it a standard strategy for economic survival in policy areas with high and sustained demands for resources? Is cooperation with foreign peers

a common strategy of bureaucrats from developing countries or rather a scheme between high-skilled neighbors? To answer these questions and to begin testing my theory of “cooperation for skills” across all of the Global South, I ask whether there is an empirical relationship between government spending and international inter-agency cooperation. That is, does government spending shape cooperation?

Second, both the nuclear and environment state experts I interviewed emphasized the importance of working with foreign partners at a certain level of skills – either equal or superior to them. When partners lack resources and technical expertise, they stated, projects are more likely to take longer or even fail, and more importantly, they get less out of the collaboration. This preference for partner selection challenges common practice by international organizations that sponsor cross-national technical cooperation among developing countries. Typically, IOs attempt to match less-developed agencies with more advanced ones, precisely to transfer know-how and technology from the latter to the former. When I spoke to program officers from the IAEA, the Global Environment Facility (GEF), and the United Nations Environment Programme (UNEP), they stressed the importance of cross-national projects as a way to distribute more effectively scarce resources from better to poorer endowed programs within a region. This seeming contradiction led to my second research question: how do differing levels of skills among potential project participants affect partner selection in international inter-agency cooperation?

The high premium placed on access to new skills by expert bureaucrats, evident from a number of face-to-face interviews, led to the rich literature on the political economy of skills. As I discuss in the following chapters, this scholarship mainly focuses on the connection between level of skills and international competition and how different state models of investment in training and industrial apprenticeship shape the relationship. Within the literature, Becker’s Theorem of Human Capital was revealing in particular, as he directly takes on the problem of who pays for the costs of training. In his seminal 1968 book, Becker argues that employers face different incentives to invest in the training of their workforce, depending on whether the skills are specific or general, with the latter ones being more transferable than the former. When employers do not pay for skills, the argument goes, workers will put up with training costs themselves.

This resonated with the situation described by state professionals in my interviews. Often, political principals were unable or unwilling to

pay for skill formation and upgrading within the bureaucracy, other than offering limited training for routine tasks. Cuts to training based on Research and Development (R&D) tend to follow more general spending cuts within states. Consequently, I expect bureaucrats to face similar incentives to take skill investment in their own hands as workers in the private sector. As the book shows, I tested this corollary to my theory of the expert bureaucrat by analyzing the type of project by skill content. If bureaucrats are after skills to advance professionally, as I argue in the following chapters, they should be more likely to join projects that provide more general, rather than specific, training.

Finally, an important finding from the literature on the political economy of skills and varieties of capitalism is that there are structural biases regarding the type of worker who is offered training opportunities. Typically, younger and better trained employees are the ones with greater access to skill upgrading. This finding also resonated with my interviews. Both state experts in NEST and environmental protection stressed the importance of a starting threshold of expertise in order to participate in cross-national projects. Furthermore, international program managers from IAEA, GEF, and UNEP, tasked with coordinating these projects, also reported on the challenges of inter-agency cooperation when state professionals have a low level of skills. This led to the central question of the book: how do skills shape international cooperation? To answer, I test all of the above hypotheses across the Global South in the two skill-driven areas of Nuclear Energy, Science, and Technology and Environmental Protection.

The Corollary to “Skills Matter” Is that the State Matters Too

This book is ultimately about the state in the Global South and how its bureaucratic agents develop strategies to weather the ups and downs of its resources. It is as much about the revealed practices and strategies of bureaucrats as it is about the fickleness and unreliability of the state. In the interviews and field research I conducted, this became clear. Bureaucrats developed their strategies and ordered their preferences based on the economic health of the state. In periods of “fat cows,” they expanded programs and increased hiring; in periods of “lean cows,” they went into survival mode at home but expanded abroad through project participation. The centrality of the state in the development of energy, science, R&D, innovation, and technology across the Global South is clear. Yet, for many genuine reasons (e.g., the rise of non-state actors in domestic and

international affairs and the widespread adoption of neoliberal reforms that have reduced and weakened the public sector), recent scholarship in political science has overlooked this centrality.

The book is in no way an apology for the lack of state funding, even though it examines the compensatory strategies bureaucrats pursue when government spending drops. Precisely, the main finding presented here – that prior level of skills determines state agencies access to international technical cooperation – unmistakably indicates how without prior investment there can be no surplus in know-how and technology. If the state does not invest first in human capital, there is not much that IOs and international donors can do to compensate. At the high end of the technological spectrum, skilled bureaucrats benefit overwhelmingly of cooperation opportunities with equal peers and IOs. On the low end, bureaucrats in a low-human capital state are limited in what they can achieve with the compensatory strategies described in this book.

There are many reasons why bureaucrats with initial low level of skills will find it hard – if not impossible – to substitute the lack of funding they face at home with resources pooled across expert networks. While the actual mechanism of this skill handicap is beyond the scope of the book, the field research I conducted revealed some possible causes. Both state experts and program officers from IOs pointed to practical reasons (like the lack of language proficiency, typically English) and deeper ones (such as the lack of basic technical proficiency needed to carry out the basics of a complex project). All of these inhibit the participation of bureaucrats from lesser developed programs in NEST and environmental cross-national projects.

Finally, when it comes to the centrality of the state, even well-trained bureaucrats cannot get around it. As discussed at length in the following chapters, because of the dizzying pace of technological change in the information age, workers (whether in the state or in the private sector) can no longer carry out key tasks without periodic skill upgrades. This in turn requires a constant investment in workers' training (like the "learning by doing model"), which adds costs to the employer's bottom line. Yet as the book shows, until the 2000 commodity boom that enriched the coffers of many developing countries, the state in the Global South historically has been too impoverished or politically unstable to maintain sound investment policies in bureaucratic expertise. Thus, especially for those bureaucrats who acquired high skills at some point in time, trans-governmental cooperation with equal peers has been a viable strategy to keep abreast of technological changes and maintain their market value.

Preface

xvii

But the strategy is no replacement for state investment. As one Argentine nuclear bureaucrat put it to me, when it comes to substituting skills through regional pooling vis-à-vis state investment it is like “a drop of water in a bucket.”

Acknowledgments

This book would not have been possible without its own network of experts and sponsors. I would like to acknowledge first the institutional support provided by the Department of Political Science and the College of Liberal Arts and Social Sciences of the University of Houston; the Joseph H. Lauder Institute of Management and International Studies and the Penn Lauder Center for International Business Education and Research (CIBER) of the University of Pennsylvania; and the Department of Government and Politics and the Environmental Science Policy Program of the University of Maryland. I am grateful to these institutions for their funding of my research and, above all, to the people who proved to be wonderful colleagues throughout the endeavor of writing a book. At Cambridge University Press, I was fortunate to work with Robert Dreesen, senior editor, and two anonymous reviewers who provided excellent suggestions to improve the manuscript.

At the University of Houston (UH), where this book project began taking shape, I benefited from the sharp commentary and friendship of Elizabeth Rigby Gibson, Timothy Hellwig, Noah Kaplan, the late Janet Saltzman Chafetz, Ryan Kennedy, Katherine Howard Barillas, Veronica Caro, and Anadeli Bencomo. To Noah Kaplan I owe a special debt of gratitude as he was the one who first noted that my research was very much a “network story” and introduced me to Social Network Analysis.

My two-year affiliation with the University of Pennsylvania (UPenn) was incredibly productive. I am indebted to Mauro F. Guillén, the Director of the Joseph H. Lauder Institute at UPenn, and the Lauder Institute for awarding me a post-doctoral fellowship and the 2011 Penn Lauder CIBER Faculty Project Grant, and the Mack Center for Technological

Innovation – The Wharton School for two field research grants with Mauro F. Guillén as principal investigator. My fellowship at UPenn was intellectually gratifying, yet the best part of it was that I got to spend quality time with my dearest friend and colleague, Tulia G. Falletti. The logistics of my commute to Philadelphia from the greater Washington DC area would have been impossible without Tulia and Richard Moore’s generous help. I am indebted to Tulia in friendship and in scholarship, as she has been an extraordinary sounding board for ideas over the years.

The Department of Government and Politics (GVPT) at the University of Maryland is intellectually challenging and has helped support my research with a generous start-up fund and the 2014–2016 Dr. Horace V. and Wilma E. Harrison Distinguished Professorship. I have benefited from chats about my work with my colleagues at GVPT, especially Joel Simmons, Jennifer Hadden, Ernesto Calvo, Kanisha Bonds, Margaret Pearson, Johanna Birnir, Mark Lichbach, John McCauley, and Shibley Telhami. The GVPT department staff is top notch and has helped me with the logistics of multiple out-of-town conferences where I presented early drafts of this book and my many field research trips since the Fall of 2012. I am indebted especially to Michael Mansfield, Cissy Roberts, Apitchaya “AP” Pimpawathin, and Irwin Morris. Beyond the department, the University of Maryland is a rich and exciting campus with great expertise in social networks and environmental politics. I have benefited greatly from participating in the bi-monthly workshop of the UMD Program for Society and the Environment (PSE) led by Dana Fisher, where I presented an early version of a chapter of the book. The UMD Environmental Science Policy Program (ENSP), co-led by Dr. Wendy Whittemore and of which I am faculty advisor, has helped support my research. The wonderful UMD students in the Graduate Seminars on Democratization and Comparative Institutions, and Environmental Policy Analysis, read and commented on parts or the entirety of my book manuscript. I am very grateful to them.

I am equally grateful to the individuals that spoke to me over the years about transgovernmental cooperation as well as the organizations that allowed me to access their archives. The list is a long one. I talked to national bureaucrats, IO program officers, diplomats, and other policy experts, and I visited universities, government agencies, and think tanks in South, Central, and North America; East and Southern Africa; and Europe. Special thanks go to Laércio Antonio Vinhas of CNEN; Elías Palacios of the Brazilian-Argentine Agency for Accounting and Control of Nuclear Materials (ABACC); Orpet J.M. Peixoto also of ABACC; the late Dr. Emma Pérez Ferreira; Roberto M. Ornstein of CNEA; the late

Acknowledgments

xxi

Ambassador Julio C. Carasales; Ambassador Sebastião do Rego Barros; the Technical Cooperation division of the International Atomic Energy Agency; Margarita Astrálaga, Regional Director of the Regional Office for Latin America and the Caribbean-UNEP as well as the rest of the staff; Mounkaila Goumandakoye, Regional Director of the Regional Office for Africa-UNEP as well as the rest of the staff at UNEP and the Global Environment Facility; the Ngorongoro Conservation Area Authority of Tanzania; the African Wildlife Foundation in Washington DC; the Ministry of Natural Resources and Sustainable Development of Argentina; the Africa Institute of South Africa (AISA) in Pretoria; the Parliamentary Library of South Africa in Cape Town; the University Research Institute of Rio de Janeiro (IUPERJ); the Institute for Technological Research (IPT) of the State of São Paulo; the Fundação Getulio Vargas in Rio de Janeiro; the Argentine National Atomic Energy Commission (CNEA); and the Brazilian National Nuclear Energy Commission (CNEN). Of course, all claims, interpretations, and errors are my own.

As a scholar, I am indebted to a large network of social scientists, which over the years has been a wonderful source of ideas and encouragement. I am fortunate to count many of these scholars as friends: Kathryn Hotchstetler, Andrew Schrank, Ramiro Berardo, Margaret Keck, Ricardo Gutiérrez, Mario Pecheny, Marina Farinetti, Gabriela Delamata, Etel Solingen, Virginia Oliveros, Abraham Newman, Javiera Barandiaran, Matthew Amengual, Julián Gadano, Andrés Malamud, Matías Spektor, Teri Caraway, Michael Bosia, Ben Ross Schneider, and Matthew Carnes. A special mention goes to Charles Munnell, who is not only a dear friend and colleague, but also read the entire manuscript and provided invaluable editing and encouragement.

Finally, I am utterly grateful to my closest friends and family. Vicky Murillo has been a true friend and colleague throughout the years and spending time with her is one of the high points of attending any professional conference or visiting Buenos Aires in the winter. My dear friend Carola María Amanda Rossi Rodriguez was the most fun trip companion that I could ask for and made my time in Pretoria and Johannesburg, South Africa, so much more enjoyable. Alejandra Marchevsky has been a key supporter of this project from the beginning. The book has benefited enormously from her sharp reading of the manuscript and her invitation to present early versions of my research at the Department of Liberal Studies at California State University – Los Angeles. I consider myself incredibly lucky for having Ale as my friend. My family in Argentina has encouraged and supported me throughout the long project of writing this book.

Despite the kilometers that separate us physically, we will always be at geodesic distance with my dad, Carlos Alberto Alcañiz; my mom, Magdalena Vilaplana; my sister, Mariana Alcañiz; and my stepmom, Isabel Pessacq. I am also thankful to my parents-in-law, the late Silvia Bleichmar and Carlos Alberto Schenquerman, who so generously opened their home in Buenos Aires to me. My children, Camilo Calvo-Alcañiz and Violeta Calvo-Alcañiz, are my biggest source of pride and joy. I have been privileged to have them accompany me on some of my research trips and our shared travels to East Africa and Panama will remain the coolest memories of this project. Lastly, my husband, Ernesto Calvo, has been instrumental every step of the way as first editor and audience of this book. He is my extraordinary *compañero*. I dedicate this book to him.