

COMPARATIVE SECOND HEALTH SYSTEMS

A Global Perspective

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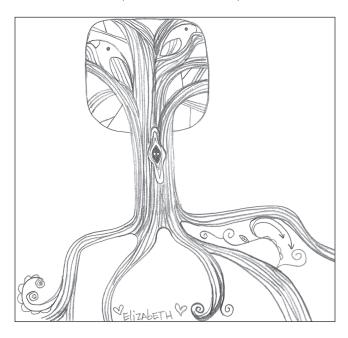
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-J.A.J.

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Foreword

Drs. David and Kathleen Jordan

As we write this foreword, we are viewing a world with global climate change, income inequalities, gaps in educational opportunities for girls, societal unrest, and an unprecedented number of refugees who are seeking personal and economic safety from war-torn regions from around our world. Any of these social determinants has a direct effect upon the health of individuals in every corner of the globe from the remote steppes of Mongolia to the bourgeoning urban settings in South America and Asia. Health care is no longer a local or even a national phenomenon; it is a global network of disparate groupings of practitioners, systems, facilities, governmental funding approaches, non-governmental organizations, shamans, midwives, technological wonders, and cultural beliefs. To attempt to understand the myriad aspects of global health care is akin to unraveling the untold mysteries of human DNA and the very essence of what makes us human.

Understanding global health systems, outcomes, and practices is a complex and multidimensional exercise worthy of social scientists capable of grasping both the balcony views and the ground-level realities of the social determinants that affect the health of the world's 7.4 billion men, women, and children. Dr. James Johnson is one such individual who has spent a lifetime attempting to make sense of the multiple metrics which contribute to our understanding of global health systems. This latest edition of *Comparative Health Systems* provides an important reference

for practitioners, scholars, academics, researchers, and students whose work rests in understanding global health care.

We are social entrepreneurs, college educators, and health and human service executives and are deeply invested in addressing economic, social, and healthcare outcomes in underresourced countries around the world. We work in areas of the developing world where natural and child mortality rates are frustratingly high.

The second edition of *Comparative Health Systems*, edited by James Johnson, Carleen Stoskopf, and Leiyu Shi, offers one of the few comprehensive sources of both statistical information and anecdotal narrative behind the data. This new edition will replace our current dogged-eared copy of the first edition and will gain its new place in our library bookshelf in the years to come. It is—much like James himself—a treasure to us both. He has been an invaluable mentor, former professor, and trusted friend over the years.

If you are a student trying to broaden your understanding of global health, a practitioner researching information on a country in which you may work, or a researcher attempting to understand the dynamics associated with health care around the globe, this is the text you need in your backpack, your office, or in the hands of your students.

—Dr. David A. Jordan and Dr. Kathleen M. Jordan Founder/President (David) and Executive Vice President (Kathleen) Seven Hills Foundation

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Foreword

Dr. Ted Karpf

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This is a most timely book. Drs. Johnson, Stoskopf, and Shi have anticipated and documented the core concerns faced by nations. Health and health care are at the forefront of international concern, especially in a time of global financial turmoil and insecurity. This book is absolutely essential to understanding what's at stake and to charting a path through the maze of issues confronting healthcare planners and healthcare recipients, healthcare professionals and financing managers, politicians, and bureaucrats. It's more than a matter of systems and approaches; it is about the security of the global community. According to Dr. Margaret Chan, director-general of the World Health Organization:

Healthy human capital is the very foundation for productivity and prosperity. Equitable distribution of health care and equity in the health status of populations is the foundation for social cohesion. Social cohesion is our best protection against social unrest, nationally and internationally. Healthy, productive, and stable populations are always an asset but they must especially be so during a time of crisis.

The recipients of health care must be heard above the din of competing claims of equity and effectiveness:

The people have the right and duty to participate individually and collectively in the planning and implementation of their health care. Primary health care... requires and promotes maximum community and individual self-reliance and participation in the planning, organization, operation, and control of primary health care, making fullest use of local, national, and other available resources; and to this end develops through appropriate education the ability of communities to

participate." (Declaration of Alma-Ata International Conference on Primary Health Care, Articles IV and VII, Alma-Ata, Khazakhstan, USSR, September 6–12, 1978)

Obtaining decent care, which acknowledges the voice of the people through the values of agency and dignity, interdependence and solidarity, subsidiarity and sustainability, raises the ante a bit higher. Political and healthcare leaders, financial managers, and medical and healthcare professionals must be reminded amidst the policy debate that when the people are invested in their own care, the formulas for success and sustainability change. When the people are engaged in determining the levels and resource allocations for care, there is also more decision latitude than those charged with determining formulas can imagine.

The healthcare debate must finally factor in the people who it claims are to be served and sustained with improved health. Then the various financial models and healthcare systems will still not bring us the long-needed satisfaction and support we need today. Nobel Laureate and former U.S. president Barack Obama stated repeatedly that "health care is a right." This notion, enshrined three decades ago at Alma-Ata, changes the rules and reorganizes the lines of accountability along with our thinking and expectations. Where health is a right, social responsibility will lead to an enhanced commitment to improved health. The formula ceases to be about "those people" or "their problems" and becomes about us!

As we proceed through these pages it will be important to ask how this approach will help ensure that the people are heard and heeded.

—Dr. Ted Karpf International health advocate (retired), World Health Organization, and author of the book *Restoring Hope: Decent Care* in the Midst of HIV/AIDS

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Preface

Dr. James A. Johnson

Over the past two decades, I have taken graduate students to Geneva, Switzerland, each summer to study global health. While there, we always spend time at the World Health Organization (WHO), which is receiving updates on global health and interacting with senior scientists, health practitioners, and leaders in the mission of "health for all." In addition to being spellbound by descriptions of the many initiatives and great successes of the WHO, we repeatedly hear of one major limitation that continues to impede even the greater progress. That is the poor state of health systems in many parts of the world. There are models of success as well as models of failure. Most health systems are oriented toward disease care, and many are underfunded and understaffed, whereas some countries expend large portions of their national resources on health. Some health systems are operated by governments, and others are more involved in the private sector. Regardless of scope or scale, every program, every initiative, every policy, and every course of treatment are imbedded within a particular country-specific health system.

Several years ago, my friend and colleague Dr. Carleen Stoskopf joined me on one of the trips to Geneva. While there, we discussed the need for a book that would describe a range of health systems so that students could better understand the limitations and opportunities offered in the diversity that we had each seen in our own international work. We felt that one of the best ways for students to learn about the range of systems would be through comparative study. As with many invigorating sidewalk café conversations in Europe (and elsewhere), we set this idea aside and returned to the busy activities of our academic positions at the time—Carleen, a department chair at the School of Public Health at the University of South Carolina in Columbia, South Carolina, and myself, a department chair at the Medical University of South Carolina in Charleston. A few years later, however, at a meeting of the American Public Health Association in Boston, in a conversation with publisher Michael Brown, the topic came back up and momentum for such a book grew quickly.

We conceptualized the book as a text to be used in courses in international health, comparative studies, global health, international affairs, health administration, and public health. In an increasingly interconnected and interdependent world comprised of wide variations in health delivery systems, practices, and policy, the book was developed to offer students some understanding through comparative study.

In seeking to achieve this goal, we enlisted contributors from many countries to write about the systems that they had worked in and were familiar with. Thus, every chapter that describes a health system is written by at least one person from that country. Chapters also ended up having U.S.-based coauthors because we used our own professional networks in schools of public health, medicine, administration, and policy to identify chapter contributors. Needless to say, the book project emerged as a significant multicultural undertaking involving authors from every continent and from the largest possible range of health system types. This led to the publication of the first edition of *Comparative Health Systems: Global Perspectives* in 2010.

Over five years later, we were asked by the publisher to write the *Second Edition*. For this undertaking, I asked another friend and colleague that goes back to our South Carolina days to join Carleen and me. This third editor is Leiyu Shi, now at Johns Hopkins University. He brought his usual high energy and global viewpoint to the project.

Following the conceptual structure of the *First Edition*, we continued to use the framework Carleen and I had previously developed. This framework for each chapter allows students to compare and contrast such divergent systems as Canada, India, Japan, Nigeria, Germany, Australia, Mexico, and many others. The framework used to develop each chapter country focused includes the following:

Country Description

- History
- Size and geography
- Government and political system

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- Macroeconomics (GDP, OECD)
- Demographics (including religion, gender, and poverty)

Brief History of the Healthcare System

- Description of healthcare system
- Facilities
- Workforce
- Technology and equipment

Evaluation of the Healthcare System

- Cost
- Quality
- Access
- Current innovations and emerging challenges

Although these chapters were developed by in-country authors and their collaborators, additionally, working with colleagues, we developed other chapters that are overarching. This includes a chapter that describes health systems and one that provides an overview of disease. Dr. Walter Jones contributed a very useful chapter discussing health policy and economics. My son, Dr. Allen Johnson, and coauthors contributed a chapter describing the role of nongovernmental organizations (NGOs) as an important, though sometimes overlooked, component to health systems and global health. Dr. Caren Rossow and I also added a chapter on health systems in crisis and disaster response. Additionally, Carleen and I included a

chapter that outlines future challenges. There is also a glossary of health systems terms that should be useful to students and professors.

Having worked in or traveled to over 45 countries myself, I can say with great confidence that this book will serve to broaden the reader's understanding. It will also likely change their perspectives on global health. They will learn that although highly developed countries continue to offer profound breakthroughs in medical science and technology, as well as reform and continuous improvement of health systems, the best solutions do not always emerge in the wealthiest countries. In the Harvard International Review, Dr. Vanessa Kerry, founder and CEO of Seed Global Health, stated "I think the most important thing is for people to realize that to be in global health, you can come from any field or background. In order to have an impact on global health, we need to, again, realize that there is a fundamental breakdown of the system on any number of levels in different countries."

As stated by Dr. Barry Bloom, former dean of the Harvard School of Public Health, the huge disparities in health that exist between countries remain some of the great moral and intellectual problems of our time. This book can serve as one tool among many that will be needed to empower students to become change agents in this ongoing challenge.

—Dr. James A. Johnson

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Carleen H. Stoskopf, ScD, MS, is Professor of Health Management and Policy and Division Head in the Graduate School of Public Health at San Diego State University, where she also served as School Director for 7 years. Dr. Stoskopf held academic appointments at the Arnold School of Public Health at the University of South Carolina for 19 years, advancing to Chair of the Department of Health Services Policy and Management. Dr. Stoskopf has served as a Fellow of the Commission on Accreditation of Health Management Education and served as a site visitor for the Council on Education in Public Health reaccreditation process. Her areas of teaching include finance, health insurance, and reimbursement. At the University of South Carolina, she was Director of Doctoral Programs and developed two additional doctoral programs in Taiwan and South Korea. Prior to entering her career in academics, Dr. Stoskopf served in the U.S. Navy as an Environmental Health Office with the Third Marine Aircraft Wing at El Toro, California and as Chief of the Preventive Medicine Service at the Naval Regional Medical Center in Okinawa, Japan. She was honorably discharged as a Lieutenant, USN, MSC in 1982. She was also a Registered Sanitarian with the State of California.

Internationally, Dr. Stoskopf has worked extensively for USAID and a variety of agencies in countries such as Haiti, Kenya, South Africa, the United Arab Emirates, Oman, Kuwait, Jordan, People's Republic of China, the Republic of China, Republic of South Korea, Republic of Georgia, Kazakhstan, Ukraine, and Russia. Dr. Stoskopf's activities have ranged from lecturing, providing healthcare management training, healthcare management curricular reviews and development, policy and curriculum consultations with new schools of public health, public health assessments, HIV/AIDS research, and hospital management consultations.

Dr. Stoskopf has been an active researcher conducting studies in access, utilization, and outcomes of healthcare services. Specific areas of research include disparities in vulnerable populations such as persons living with HIV/AIDS, living with mental illness, in

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poverty, older persons, and African Americans living in the southern United States. Dr. Stoskopf's research has been funded from such sources as the National Institutes of Health, Centers for Disease Control and Prevention, the Health Resources and Services Administration, as well as a number of state and local agencies and foundations. Dr. Stoskopf has authored or co-authored over 50 peer-reviewed publications in academic journals. She completed her doctor of science (ScD) degree from The Johns Hopkins University Bloomberg School of Public Health in 1989 in the Department of Health Policy and Management, and earned her MS degree from the University of Minnesota School of Public Health in 1977 in environmental health biology.

Leiyu Shi, DrPH, MBA, MPA, is professor of health policy and health services research in the Department of Health Policy and Management, Bloomberg School of Public Health at Johns Hopkins University. He is also director of The Johns Hopkins Primary Care Policy Center. Prior to his academic positions,

Dr. Shi worked in the public health field focusing on community-based primary care and vulnerable populations. He received his doctoral education from the University of California, Berkeley, majoring in health policy and services research. He also has a master's in business administration focusing on finance. Dr. Shi's research focuses on primary care, health disparities, and vulnerable populations. He has conducted extensive studies about the association between primary care and health outcomes, particularly on the role of primary care in mediating the adverse impact of income inequality on health outcomes. Dr. Shi is also well known for his extensive research on the nation's vulnerable populations, in particular community health centers that serve vulnerable populations, including their sustainability, provider recruitment and retention experiences, financial performance, experience under managed care, and quality of care. Dr. Shi is the author of 9 textbooks and more than 150 scientific journal articles.

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