

International and Development Education

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The *International and Development Education Series* focuses on the complementary areas of comparative, international, and development education. Books emphasize a number of topics ranging from key international education issues, trends, and reforms to examinations of national education systems, social theories, and development education initiatives. Local, national, regional, and global volumes (single authored and edited collections) constitute the breadth of the series and offer potential contributors a great deal of latitude based on interests and cutting-edge research. The series is supported by a strong network of international scholars and development professionals who serve on the International and Development Education Advisory Board and participate in the selection and review process for manuscript development.

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SERIES EDITORS INTRODUCTION

We are pleased to introduce another volume in the Palgrave Macmillan International and Development Education book series. In conceptualizing this series we took into account the extraordinary increase in the scope and depth of research on education in a global and international context. The range of topics and issues being addressed by scholars worldwide is enormous and clearly reflects the growing expansion and quality of research being conducted on comparative, international, and development education (CIDE) topics. Our goal is to cast a wide net for the most innovative and novel manuscripts, both single-authored and edited volumes, without constraints as to the level of education, geographical region, or methodology (whether disciplinary or interdisciplinary). In the process, we have also developed two subseries as part of the main series: one is cosponsored by the East West Center in Honolulu, Hawaii, drawing from their distinguished programs, the International Forum on Education 2020 (IFE 2020) and the Asian Pacific Higher Education Research Partnership (APHERP); and the other is a publication partnership with the Higher Education Special Interest Group of the Comparative and International Education Society that highlights trends and themes on international higher education.

The issues that will be highlighted in this series are those focused on capacity, access, and equity, three interrelated topics that are central to educational transformation as it appears around the world today. There are many paradoxes and asymmetries surrounding these issues, which include problems of both excess capacity and deficits, wide access to facilities as well as severe restrictions, and all the complexities that are included in the

equity debate. Closely related to this critical triumvirate is the overarching concern with quality assurance, accountability, and assessment. As educational systems have expanded, so have the needs and demands for quality assessment, with implications for accreditation and accountability. Intergroup relations, multiculturalism, and gender issues comprise another cluster of concerns facing most educational systems in differential ways when one looks at the change in educational systems in an international context. Diversified notions of the structure of knowledge and curriculum development occupy another important niche in educational change at both the precollegiate and collegiate levels. Finally, how systems are managed and governed are key policy issues for educational policymakers worldwide. These and other key elements of the education and social change environment have guided this series and have been reflected in the books that have already appeared and those that will appear in the future. We welcome proposals on these and other topics from as wide a range of scholars and practitioners as possible. We believe that the world of educational change is dynamic, and our goal is to reflect the very best work being done in these and other areas. This volume meets the standards and goals of this series and we are proud to add it to our list of publications.

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ABBREVIATIONS AND ACRONYMS

AACSB	Association to Advance Collegiate Schools of Business
ABCE	Bolivian Academy of Economic Sciences
ABEST	Argentinian Bureau for Enhancing Cooperation with the European Community
AHCI	Arts & Humanities Citation Index
AIEA	Association of International Education Administrators
ALMA	Atacama Large Millimeter Array
ALTAGRO	Agriculture Alternative
ANII	National Agency of Research and Innovation
ANPCYT	National Agency for Science and Technology Promotion
APEX	Atacama Pathfinder Experiment
APLU	Association of Public and Land-Grant Universities
ASEAN	Association of Southeast Asian Nations
ATTO	Amazon Tall Tower Observatory
BALAS	Business Association of Latin American Studies
BCIE	Central American Bank for Economic Integration
BIO-ICE	Biodiversity in Bolivian Glaciers
BIO-THAW	Tropical High Andean Wetlands
BIOMOLELECTRONICS	Biomolecular Electronics and Electrocatalysis
BMBF	German Federal Ministry of Education and Research
BRT	Bus Rapid Transit

CA	California
CAF	Development Bank of Latin America
CAFTA	Central American Free Trade Agreement
CAPSI	Central American Private Sector Initiative
CEBEM	Bolivian Center for Multidisciplinary Research
CELADE	Latin American and Caribbean Center of Demography
CEPAL	Economic Commission for Latin America and the Caribbean
CERES	Center for Studies on Economic and Social Reality
CFP	Call for Proposals
CIM	Center for Marine Research of the University of Havana
CIMA	Center for Applied Medicine Research
CITES	Convention on International Trade in Endangered Species of Flora and Fauna
CLACDS	Latin American Center for Competitiveness and Sustainable Development
CLACSO	Latin American Council on the Social Sciences
CLADEA	Latin American Council of Business Schools
CNPq	National Council for Scientific and Technological Development
COCHRANE	Database of Systematic Reviews
COLCIENCIAS	Colombian National Science and Technology System
CONACYT	National Council on Science and Technology Mexico
CONAHEC	Consortium for North American Higher Education
CONICET	National Scientific and Technical Research Council, Argentina
CONICYT	National Commission for Scientific and Technological Research, Chile
COPriResNet	Colombian Private Research Network
COPubResNet	Colombian Public Research Network
CRUCH	Council of Rectors of Chilean Universities
CV	Curriculum Vitae
DAAD-Germany	German Academic Exchange Service

DCIT	Department of Communication and Information Technologies
DETEIC	Technological Development, Innovation and Conformity Assessment Project, Paraguay
DST	Department of Science and Technology
EBSCO	EBSCO Information Services
ECLAC	United Nations Economic Confederation for Latin America and the Caribbean
EFMD	European Foundation for Management Development
EHEA	European Higher Education Area
ERA	European Research Area
EURALSUR	Europe-Mercosur Network in Advanced Materials and Nanomaterials
FCB	School of Biomedical Sciences
FLACSO	Latin American Faculty of Social Sciences
FOBESII	Bilateral Forum on Higher Education, Innovation, and Research
FONDECYT	National Fund for Science and Technology
GDP	Gross Domestic Product
GPS	Global Positioning Systems
GT	Group Turtle
GTZ	German Federal Enterprise for International Cooperation
HBS	Harvard Business School
HE	Higher Education
HIID	Harvard Institute for International Development
HU	Harvard University
IAA	International Association of Academies
IBIOBA	Institute for Biomedical Research of Buenos Aires
ICSU	International Council for Science
ICT	Information and Communication Technologies
IDB	Inter-American Development Bank
ILPES	Latin American Institute for Economic and Social Planning
IMR	Ignis Mutat Res
INCAE	Central American Institute of Business Administration

INPA	National Institute of Amazonian Research
INQUIMAE	Institute of Chemical Physics of Materials, Environment and Energy
IRC	International Research Collaboration
IUCN	International Union for Conservation of Nature
KFW	German Bank for Development
KI	Karolinska Institute
LAC	Latin America and the Caribbean
LAPOP	Latin American Public Opinion Project
LATINDEX	Regional Cooperative Online Information System for Scholarly Journals from Latin America, the Caribbean, Spain and Portugal
MBA	Master of Business Administration
MEC	Ministry of Education
MINCYT	Ministry of Science, Technology and Productive Innovation
MIT	Massachusetts Institute of Technology
MOU	Memorandum of Understanding
MP	Max Planck
MPAs	Marine Protected Areas
MPI	Max Planck Institutes
MPS	Max Planck Society
NAFSA	National Association of Foreign Student Advisors
NAFTA	North American Free Trade Agreement
NASPAA	Association of Schools of Public Affairs and Administration
NGO	Non-Governmental Organization
NMNHP	National Museum of Natural History of Paraguay
NOAA	National Oceanic and Atmospheric Administration
OECD	Organisation for Economic Co-operation and Development
PAVE	Profession Architecture, Ville et Environment Research Laboratory
PhD	Doctor of Philosophy

PIIE	Interdisciplinary Program for Educational Research
PIRE	Partnerships for International Research and Education
PREAL	Partnership for Educational Revitalization in the Americas
PROCIT	Support Program for the Development of Science, Technology and Innovation, Paraguay
PROINPA	Andean Products Promotion and Research Foundation
PRONII	National Incentive Program for Researchers, Paraguay
QS	Quacquarelli Symonds World University Ranking
R/V	Research Vessel
R&D	Research and Development
RAICES	Network of Argentinian Researchers and Scientists Abroad
RedALyC	Latin America and Caribbean Scientific Information System
RICYT	Iberic-American and Inter-American Network of Science and Technology Indicators
SACS	Southern Association of Colleges and Schools
SBS	School of Biomedical Sciences
SCI	Science Citation Index
SciELO	Scientific Electronic Library Online
SEKN	Social Enterprise Knowledge Network
SNA	Social Network Analysis
SNP	South-North Partnerships
SPI	Social Progress Imperative
SSCI	Social Sciences Citation Index
STEM	Science, Technology, Engineering, and Mathematics
STI	Science, Technology, and Innovation
TECH	Monterrey Institute of Technology and Higher Education
TOF	The Ocean Foundation
TWAIL	Third World Approaches to Law
TWAS	Third World Academy of Science

UA	Austral University
UABJB	Autonomous University of Beni José Ballivián
UAJMS	Autonomous University Juan Misael Saracho
UBA	University of Buenos Aires
UC	University of Cincinnati
UCBSP	Bolivian Catholic University San Pablo
UCNSA	Catholic University Our Lady of Asuncion
UCSC	University of California, Santa Cruz
UFPR	The Federal University of Paraná in Curitiba, Brazil
UIS	UNESCO Institute for Statistics
UK HE	United Kingdom Higher Education
UMSA	Major University of San Andres
UMSS	Major University of San Simon
UNA	National University of Asuncion
UNCED	United Nations Conference on Environment and Development
UNDP	United Nations Development Program
UNEP	United Nations Environmental Program
UNESCO	United Nations Educational, Scientific and Cultural Organization
UPB	Bolivian Private University
USAID	United States Agency for International Development
USD	United States Dollar
WEF	World Economic Forum
WHOI	Woods Hole Oceanographic Institution
WoK	Web of Knowledge
WTO	World Trade Organization

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