"This book is an indispensable compendium of issues and information for confronting the challenges of higher education in the twenty-first century."

Barbara Tversky, Professor of Psychology and Education, Columbia Teachers College, and Professor Emerita of Psychology, Stanford University, USA

"Building Better Universities addresses an uncertain and volatile global higher education environment, surveying the key educational, technological, and financial challenges confronting universities today. The author displays impressive critical thinking about the history and purpose of higher education, as well as knowledge of contemporary developments at campuses internationally as institutions pursue viable futures."

Professor Peter Jamieson, Strategic Adviser Learning Environment Design, The University of Melbourne, Australia

Building Better Universities provides a wide-ranging summary and critical review of the increasing number of groundbreaking initiatives undertaken by universities and colleges around the world. It suggests that we have reached a key moment for the higher education sector in which the services, location, scale, ownership, and distinctiveness of education are being altered dramatically, whether universities and colleges want it or not. These shifts are affecting traditional assumptions about both the future 'shape' of higher education institutions, and the roles of—and relationships between—learners, teachers, researchers, managers, businesses, communities, and other stakeholders.

Building Better Universities aims to bridge the gap between educational ideas about what the university is, or should be 'for', and its day-to-day practices and organization. It roams across strategic, operational, and institutional issues; space planning and building design; and technological change, to bring together issues that are often dealt with separately. By analyzing the many challenges faced by higher education in the contemporary period and exploring the various ways universities and colleges are responding, this powerful book aims to support a step-change in debates over the future of higher education and to enable senior managers and faculty to develop more strategic and creative ways of enabling effective twenty-first-century learning in their own institutions.

Jos Boys is currently an academic developer at the University of New South Wales, Sydney, Australia. She trained originally in architecture, followed by many years' experience teaching design and contextual studies in a variety of higher educational institutions at different levels. She has also worked as an educational technologist and academic developer, developing ways to enhance learning through both technology-rich and pedagogically-sound resources and delivery. She has been a consultant for the UK Joint Information Systems Committee and has written several books on higher education, including *Towards Creative Learning Spaces: Re-Thinking the Architecture of Post-Compulsory Education* (2010) and, with Peter Ford, *The e-Revolution and Post-Compulsory Education: Using Business Models to Deliver Quality Education* (2007).

EDUCATION / TECHNOLOGY / ARCHITECTURE



www.routledge.com/education

ISBN 978-0-415-85932-5 9 "780415"859325"

Cover image: © Edmund Sumner

an informa business

LIST OF FIGURES		VII
LIST OF TEXT	BOXES	IX
	INTRODUCTION: THE SHIFTING BOUNDARIES OF HIGHER EDUCATION	1
CHAPTER 1	RESHAPING UNIVERSITIES AND COLLEGES	19
	Theme 1.1: Alternative Universities?	21
	Theme 1.2: Radical Restructuring	33
	Theme 1.3 Enhancing the Student Offer	38
CHAPTER 2	NEW PATTERNS OF PUBLIC AND PRIVATE COMPETITION AND COLLABORATION	47
	Theme 2.1: Hybrid Nonprofit and For-Profit Entities	57
	Theme 2.2: Social Enterprise and Civic Engagement	63
	Theme 2.3: Widening Participation	67
	Theme 2.4: Improving Student Performance	71
CHAPTER 3	RESPONDING TO INTERNATIONALIZATION	77
	Theme 3.1: International Collaborations	82
	Theme 3.2: International Networks	85
	Theme 3.3: Developing Global Citizens	88

CHANGING LEARNING SPACES	95
Theme 4.1: Comprehensive Campus Redesign	108
Theme 4.2: Redesigning Processes	116
Theme 4.3: Creating Hybrid Spaces	119
BEYOND VIRTUAL LEARNING ENVIRONMENTS	125
Theme 5.1: The Massification of eLearning	133
Theme 5.2: Seamless Virtual and Physical Integration	137
Theme 5.3: Increasing Digital Literacy	139
Theme 5.4: Using Big Data	145
Theme 5.5: Open Badging	150
THE IMPLICATIONS OF NEW TECHNOLOGIES FOR LEARNING	157
Theme 6.1: Changing Learning and Teaching Methods?	162
Theme 6.2: Open Sourcing and Sharing	170
Theme 6.3: Embodied Learning	178
CONCLUSION: LEARNING IN A POST-UNIVERSITY WORLD?	189
BIBLIOGRAPHY	
INDEX	
	Theme 4.1: Comprehensive Campus Redesign Theme 4.2: Redesigning Processes Theme 4.3: Creating Hybrid Spaces BEYOND VIRTUAL LEARNING ENVIRONMENTS Theme 5.1: The Massification of eLearning Theme 5.2: Seamless Virtual and Physical Integration Theme 5.3: Increasing Digital Literacy Theme 5.4: Using Big Data Theme 5.5: Open Badging THE IMPLICATIONS OF NEW TECHNOLOGIES FOR LEARNING Theme 6.1: Changing Learning and Teaching Methods? Theme 6.2: Open Sourcing and Sharing Theme 6.3: Embodied Learning CONCLUSION: LEARNING IN A POST-UNIVERSITY WORLD?