

Contents

Preface	ix
Executive Summaries	xi
Part 1: Innovation and Impact	1
<i>Jens Jerndal</i> : “Discerning the Contours of the Emerging Super-Paradigm”	3
<i>Clifton E. Anderson</i> : “Looking beyond Today’s Genetic Engineering”	15
<i>Raj Bawa and S.R. Bawa</i> : “Protecting New Inventions in Nanomedicine”	31
<i>Michael G. Zey</i> : “The Superlongevity Revolution: The Extended Life Span Phenomenon and Its Impact on Work and Family”	45
Part 2: Science, Spirit, Body, Mind	61
<i>José Luis Cordeiro</i> : “Religion, Science, and Immortality”	63
<i>William Sims Bainbridge</i> : “The Coming Conflict between Religion and Cognitive Science”	75
<i>Don C. Davis</i> : “Religious Paradigm Updates for the Infotech Age”	89
Part 3: Planetary Foresight and Strategy	101
<i>Lester R. Brown</i> : “Strategy for the Food-Security Challenge”	103
<i>Norman Myers and Jennifer Kent</i> : “The Biggest Consumption Boom Ever: New Consumers and the Influence of Affluence on the Environment”	113
<i>J. Steven Lovink</i> : “Life Insurance for the Globe”	131
<i>Jerome C. Glenn and Theodore J. Gordon</i> : “Three Middle East Peace Scenarios”	147
Part 4: Organizations and Change	167
<i>Wim J. de Ridder</i> : “Decision-Making Processes in Cyberspace”	169
<i>David Pearce Snyder</i> : “‘Extra-Preneurship’: Reinventing Enterprise for the Information Age”	183
<i>William E. Halal</i> : “Institutional Change: Transforming the Structures of Society”	199

<i>Martijn van der Steen</i> : “Integrating Futures Studies in Public Policy Making”	205
<i>Andreas Neef and Cornelia Daheim</i> : “Corporate Foresight: The European Experience”	223
Part 5: Foresight and Futuring	243
<i>Tom Lombardo</i> : “The Value of Future Consciousness”	245
<i>Maree Conway</i> : “Strategic Planning Revisited: A Futures Perspective”	259
<i>Richard A. Slaughter</i> : “Integral Futures: A New Era for Futures Practitioners”	275
Part 6: Futuring Case Studies	291
<i>Bengt-Arne Vedin</i> : “Future Innovation through Design”	293
<i>Stephen Aguilar-Millan</i> : “Talk 24 Assist: A Case Study in Practical Futures”	305
<i>Jay Herson</i> : “The Future of Innovation in the Pharmaceutical Industry”	319
<i>Drusilla Copeland</i> : “Redesigning UTA: The Creation of a 21st-Century Transit Organization”	327
Part 7: Learning for Tomorrow	343
<i>Thierry Groussin and Manfred Mack</i> : “Sparta and Athens”	345
<i>Barton Kunstler</i> : “An Educational Approach for an Era of Profound Technological Change”	353
<i>Arthur B. Shostak</i> : “Futuristics in K-12 Classrooms: Riding an Educational Third Wave”	369
<i>Jonathon J. Richter</i> : “Unchaining Prometheus: Using Standards and Learning Tech to Enhance Futures Thinking”	379
Part 8: Wisdom for the Ages	393
<i>Alex Pavlak</i> : “The Future of Great Ideas: Team Collaboration in Basic Science”	395
<i>Lane Jennings</i> : “The Future Starts Yesterday: Preserving Temporal Diversity and Other Futures for the Past”	409
<i>Stephen Bertman</i> : “The Road from Delphi”	421
<i>Herbert London</i> : “How Values Shape the Future”	429