Table of Contents

Foreword ........................................................................................................................................... xviii

Preface ................................................................................................................................................ xix

Acknowledgment ........................................................................................................................... xxv

Section 1
The Multidisciplinary Lens of Philosophy, Theology, & Ethics

Chapter 1
Transformation of Self and Society with Virtual Learning ............................................................... 1
  Andrew Gerald Stricker, The Air University, USA

Chapter 2
Reconstructing Professional Identity of Educators to the Common Good ...................................... 13
  Andrew Gerald Stricker, The Air University, USA
  Cynthia M. Calongne, Colorado Technical University, USA

Section 2
The Multidisciplinary Lens of Organizational Psychology, Behavioral Sciences, Leadership, and Sociology

Chapter 3
The Claim on Human Conviviality in Cyberspace ........................................................................... 29
  Fil J. Arenas, The Air University, USA
  Daniel A. Connelly, Air University, USA

Chapter 4
Character Strength Development of Leaders in Cyberspace .......................................................... 40
  Fil Arenas, The Air University, USA

Chapter 5
Digital Citizenship in Participatory Culture ....................................................................................... 60
  Valerite J Hill, Peninsula College, USA
Chapter 6
A Girls-Only Online Virtual World Environment and its Implications for Game-Based Learning ................................................................. 74
Shahnaz Kamberi, Stratford University, USA

Chapter 7
A Methodological Framework for Investigating Social Participation in Mobile Social Media Learning A Social Network Analysis ............................................................................................................................. 96
Ayse Kok, Cambridge, UK

Section 3
The Multidisciplinary Lens of Cognitive, Learning, and Assessment Sciences

Chapter 8
Musings on Co-designing Identity Aware Realities in Virtual Learning ............................................................... 115
Francisca Yonekura, University of Central Florida, USA

Chapter 9
Learning Problem-Solving Strategies in Virtual Worlds that Encourage People to Respect Human Rights ............................................................................................................ 123
Kara Bennett, Elder Voices, Inc., USA

Chapter 10
Get in the GROOVE: Promoting a Healthy Reality ................................................................. 145
Mary Kate Clennan, University of Miami, USA
Daniella S. Carucci, University of Miami, USA
Shannon E. Chiles, University of Miami, USA
Marissa D. Alert, University of Miami, USA
Alyssa LaRoche, Aimee Weber Studio, USA
Maria Isabel Leeder, Patricia and Phillip Frost Museum of Science, USA
Patrice G. Saab, University of Miami, USA

Chapter 11
Who am I as a Healthcare Provider? Identity and Transformative Learning in Virtual Environments ................................................................. 166
Rachel Umoren, University of Washington, USA
Natalia Rybas, Indiana University East, USA

Chapter 12
On the (Virtual) Road: Applying the Travelogue Concept to Virtual Spaces ................................................................. 182
Robert Matthew Poole, ANU, USA
Chapter 13
Cognitive Apprenticeship and Computer Science Education in Cyberspace: Reimagining the Past

Cynthia M. Calongne, Colorado Technical University, USA
Andrew Gerald Stricker, The Air University, USA
Barbara Truman, University of Central Florida, USA
Fil J. Arenas, The Air University, USA

Chapter 14
It Takes a Guild- Social Metacognition and Collaborative Creation of a Learning Organization:
Massively Multiplayer Online Game

Kae Novak, Front Range Community College, USA

Chapter 15
The Future of Assessment for Personalized Naturalistic Learning

Lauren Reinerman-Jones, University of Central Florida, Institute for Simulation and Training, USA
Martin S. Goodwin, University of Central Florida, Institute for Simulation and Training, USA
Benjamin Goldberg, U.S. Army Research Laboratory, USA

Section 4
The Multidisciplinary Lens of Computer, Information Technology, Systems Thinking, and Transdisciplinarity Sciences

Chapter 16
Advancing Personal Learning Using the Internet of Things: Creating Bonds for Societal Inclusivity

Barbara Truman, University of Central Florida, USA
Jaclyn M. Truman, Columbia International University, USA

Chapter 17
Future Identities of the Self Among Learners Across Physical and Virtual Spaces

Themba M. Ngwenya, Colorado Technical University, USA

Chapter 18
The Pioneering Spirit in the Virtual Frontier

Cynthia M. Calongne, Colorado Technical University, USA

Chapter 19
New Constructions for Understanding using Virtual Learning- Towards Transdisciplinarity

Barbara Truman, University of Central Florida, USA
Compilation of References ................................................................. 335
About the Contributors ................................................................. 375
Index ................................................................................................. 380