# Table of Contents

**Foreword** ........................................................................................................................................... xiv

**Preface** ................................................................................................................................................ xvi

**Acknowledgment** ............................................................................................................................ xx

## Chapter 1
Pedagogical Frameworks of E-Reader Technologies in Education ......................................................... 1
  * Nance Wilson, Lourdes University, USA
  * Vassiliki “Vicky” Zygouris-Coe, University of Central Florida, USA
  * Victoria Cardullo, University of Central Florida, USA
  * Jennifer L. Fong, Bowling Green State University, USA

## Chapter 2
The iPad in the Classroom: Three Implementation Cases Highlighting Pedagogical Activities, Integration Issues, and Teacher Professional Development Strategies .............................................. 25
  * Nathaniel Ostashewski, Curtin University, Australia
  * Doug Reid, Grant MacEwan University, Canada

## Chapter 3
iPad Integration in an Elementary Classroom: Lesson Ideas, Successes, and Challenges ....................... 42
  * Jung Won Hur, Auburn University, USA
  * Amy Anderson, Yarbrough Elementary School, USA

## Chapter 4
Aligning iPad Applications with Evidence-Based Practices in Inclusive and Special Education ............ 55
  * Therese Cumming, University of New South Wales, Australia
  * Cathi Draper Rodríguez, California State University – Monterey Bay, USA
  * Iva Strnadová, University of New South Wales, Australia

## Chapter 5
Incorporating the Game of Geocaching in K-12 Classrooms and Teacher Education Programs ............ 79
  * Jeffrey Hall, Mercer University, USA
  * Lucy Bush, Mercer University, USA
Chapter 6
Teachers Learn How to Effectively Integrate Mobile Technology by Teaching Students Using Math Snacks Animations and Games .......................................................... 98
Karen M. Trujillo, New Mexico State University, USA
Karin Wiburg, New Mexico State University, USA
Milos Savic, New Mexico State University, USA
Kerry McKee, New Mexico State University, USA

Chapter 7
Using Technology in a Studio Approach to Learning: Results of a Five Year Study of an Innovative Mobile Teaching Tool .......................................................... 114
Dianna L. Newman, University at Albany/SUNY, USA
Gary Clure, University at Albany/SUNY, USA
Meghan Morris Deyoe, University at Albany/SUNY, USA
Kenneth A. Connor, Rensselaer Polytechnic Institute, USA

Chapter 8
Videos with Mobile Technologies: Pre-Service Teacher Observations During the First Day of School .......................................................... 133
Marian B. Maxfield, Ashland University, USA
Deanna Romano, Ashland University, USA

Chapter 9
Going 1:1 with Laptop Computers in an Independent, Co-Educational Middle and High School .......................................................... 156
Natalie B. Milman, George Washington University, USA
Marilyn Hillarious, George Washington University, USA
Vince O’Neill, George Washington University, USA
Bryce Walker, George Washington University, USA

Chapter 10
Professional Development with and for Emerging Technologies: A Case Study with Asian Languages and Cultural Studies Teachers in Australia .......................................................... 175
Ria Hanewald, Deakin University, Australia

Chapter 11
Mobile Learning in Health Professions Education: A Systematic Review .......................................................... 193
Zarrin Seema Siddiqui, University of Western Australia, Australia
Diana Renee D. Jonas-Dwyer, University of Western Australia, Australia

Chapter 12
Developing a Culturally-Rich Interactive Model for mLearning .......................................................... 206
Patricia J. Donohue, San Francisco State University, USA
Martha E. Crosby, University of Hawai‘i at Manoa, USA
Chapter 13
Quality Education for Children, Youth, and Adults Through Mobile Learning ........................................... 225
Santosh Kumar Mishra, SNDT Women’s University, India

Chapter 14
The Changing Roles of Faculty and Students when Mobile Devices Enter the Higher Education Classroom .................................................................................................................. 238
Teresa Franklin, Ohio University, USA
Yanyan Sun, Ohio University, USA
Nick Yinger, Ohio University, USA
Jeffrey Anderson, Ohio University, USA
Eugene Geist, Ohio University, USA

Chapter 15
Virtual Mentors: Embracing Social Media in Teacher Preparation Programs ................................................. 258
Marialice B. F. X. Curran, University of Saint Joseph, USA
Regina G. Chatel, University of Saint Joseph, USA

Chapter 16
Mobile Technologies and Web 2.0: Redefining New Literacy Practices ......................................................... 277
Peggy Semingson, University of Texas at Arlington, USA

Chapter 17
Social Implications of Mobile Learning in Global Learning Environments .................................................. 292
Thomas Cochrane, AUT University, New Zealand

Compilation of References .......................................................................................................................... 313

About the Contributors ............................................................................................................................. 342

Index.......................................................................................................................................................... 352