Handbook of Research on Instructional Systems and Educational Technology

Part of the Advances in Educational Technologies and Instructional Design Book Series

Terry Kidd (University of Houston-Downtown, USA) and Lonnie R. Morris, Jr. (The Chicago School of Professional Psychology, USA)

Description:

Incorporating new methods and approaches in learning environments is imperative to the development of education systems. By enhancing learning processes, education becomes more attainable at all levels.

The Handbook of Research on Instructional Systems and Educational Technology is an essential reference source for the latest scholarly research on new models, trends, and data for solving instructional and learning challenges in education. Featuring extensive coverage on a wide range of topics such as distance education, online learning, and blended learning, this publication is ideally designed for academicians, practitioners, researchers, and students seeking current research on the latest improvements in instructional systems.

ISBN: 9781522523994  Release Date: June, 2017  Copyright: 2017  Pages: 400

Topics Covered:

- Blended Learning
- Distance Learning
- Game-Based Learning
- Global Education
- Modular E-Learning
- Online Learning
- Social Media
- Special Education

Hardcover: $265.00
E-Book: $265.00
Hardcover + E-Book: $320.00

Order Information
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com
Table of Contents

Chapter 1: Millennials, Digital Natives, and the Emergence of New Educational Spaces
John Roberts, Buffalo State College - State University of New York
Terry Kidd, University of Houston-Downtown

Chapter 2: Mastering Distance Education in the Digital Age
Kijpokin Kasemsap, Suan Sunandha Rajabhat University

Chapter 3: Distance and Online Learning
Sema Kalaian, Eastern Michigan University

Chapter 4: A Summary of Four Key Issues Affecting Distance Education
Waylon Lindsay, Wake County Public Schools

Chapter 5: Blended Learning and Distance Education-Enablers and Barriers
Amir Manzoor, Bahria University

Chapter 6: Blended Learning in Higher Education-A Developing Country Perspective
Amir Manzoor, Bahria University

Chapter 7: The Rhetoric of Fear: Voices and Stories Told of Faculty who Engage in Online Teaching
Terry Kidd, University of Houston-Downtown
Lonnie Morris, Griffin Rodgers & Associates LLC

Chapter 8: Structuring Online Instruction by Dynamic Design, Delivery, and Assessment
Selma Koc, Cleveland State University
Marius Boboc, Cleveland State University

Chapter 9: HUMAN PERFORMANCE TECHNOLOGY and the EFFECTS on WEB BASED INSTRUCTION PERFORMANCE EFFICIENCY
Esra Ayça Güzelderelí, Afyon Kocatepe University
Utku Kose, Usak University
Aslıhan Tüfekçi, Gazi University

Chapter 10: Defining and Designing Responsive Online Professional Development (ROPD): A Framework To Support Curriculum Implementation
Jeremy Riel, University of Illinois at Chicago
Kimberly Lawless, University of Illinois at Chicago
Scott Brown, University of Connecticut

Chapter 11: Trends and Issues with Massive Open Online Courses
Kijpokin Kasemsap, Suan Sunandha Rajabhat University

Chapter 12: Towards the Learning Experience Technology Usability Framework
Veera Kentostä, University of Jyväskylä
Rebekah Rousi, University of Jyväskylä
Marja Kankaanrinta, University of Jyväskylä

Chapter 13: Flipped Classroom: Advanced Issues and Applications
Kijpokin Kasemsap, Suan Sunandha Rajabhat University

Chapter 14: Multimedia Active Reading: A Framework for Understanding Learning with Tablet Textbooks
Jennifer Pailonis, Ball State University

Chapter 15: Instructional Strategies for Game-Based Learning
Antonio Santos, Universidad de las Americas Puebla

Chapter 16: The Fundamentals of Game-Based Learning
Kijpokin Kasemsap, Suan Sunandha Rajabhat University

Chapter 17: Impact of Kinect Exergame on Mental Computation Speed and Achievement
Duygu Mutlu-Bayraktar, Istanbul University
Ozgur Yilmaz, Istanbul University

Chapter 18: Instructional Design for Simulations in Special Education Virtual Learning Spaces
Kimberly Floyd, West Virginia University
Neal Shambaugh, West Virginia University

Chapter 19: How Virtual Work Informs Virtual Learning
Lonnie Morris, The Chicago School for Professional Psychology
Christine Morse, The Chicago School of Professional Psychology
Ta Karra Jones, The Chicago School of Professional Psychology
Joseph Cedano, The Chicago School of Professional Psychology

Chapter 20: Modular E-Learning Course Design
Alaattin Parlakliç, Gülhane Military Medical Academy

Chapter 21: Personal Learning Environments
Mary Hricko, Kent State University - Geauga Campus

Chapter 22: Project-Based Learning for Teaching and Learning: Exploring Issues and Challenges in the Digital Age
Chien Yu, Mississippi State University
Sang Joon Lee, Mississippi State University
Wei-Chieh Yu, Mississippi State University
Angela Walton, Mississippi State University

Chapter 23: Gender Difference in Perception and Use of Social Media Tools
Youmei Liu, Univ Of Houston

Chapter 24: Social Media and Technology May Change the Culture of Rape on College Campuses
Sheri Niblett, Delaware Technical Community College
Melissa Rakes, Delaware Technical Community College

Chapter 25: Social Media, Mobile Technology and New Learning Opportunities: Implications for Social Justice and Educational Spaces in Schools
Terry Kidd, University of Houston-Downtown
Jame1 Hodges, Tennessee State University

Chapter 26: Mobile Learning
Kadir Demir, Anadolu University

Chapter 27: Teaching through mobile technology, a reflection from high school studies in South Africa
Mmaki Jantjies, University of the Western Cape
Mike Joy, University of Warwick

Chapter 28: Exploring the Role of Mobile Learning in Global Education
Kijpokin Kasemsap, Suan Sunandha Rajabhat University
**Chapter 29: Using the flipped classroom to improve knowledge creation of Master’s Level Students in Engineering**
Sachin Ahuja, Chitkara University Research & Innovation Network, India

**Chapter 30: The Role of Computational Thinking in the Preparation of Pre-Service Teachers**
Bekir Mugayitoglu, Duquesne University
Joseph Kush, Duquesne University

**Chapter 31: Wearable Computers**
Byron Havard, University of West Florida
Megan Podsiai, University of West Florida

**Chapter 32: RSS and Syndication for Educators**
Keith Webster, Royal Roads University

**Chapter 33: Visiting Technological Pedagogical and Content Knowledge (TPACK): Issues and Challenges for Teachers’ Professional Development**
Chien Yu, Mississippi State University
Dana Franz, Mississippi State University

**Chapter 34: Strategies To Support the Faculty Adoption Of Technology For Student Success Initiatives**
Phyllis Brooks Collins, Delaware State University

**Chapter 35: The Impact of Emerging Technology on Leadership Development**
Patrick Connally, PwC
Lonnie Morris, The Chicago School for Professional Psychology

---

**Terry Kidd** is a seasoned higher education leader with over fifteen years of professional experience in workforce development, curriculum management, and faculty and organization development, and educational technology innovation. As college faculty, Dr. Kidd taught courses in the discipline Management Information Systems and Training and Development. He has given numerous workshops and seminars on topics related to educational innovation, technology and society, social science research methods and computing/informatics. He holds a Ph.D. from the Texas A&M University and graduate degrees in instructional technology (M.Ed.) and information systems (M.Sc.) from the University of Houston. Dr. Kidd holds national level credentials in change management, workforce development and is a State of Texas credentialed mediator. Currently, Dr. Kidd serves as Dean of the Division of Extended Learning at the Houston Community College, the largest continuing education operation in the nation. Dr. Kidd has published over 15 research papers in scholarly journals including Journal of Educational Media and Hypermedia, International Journal of E-Learning, Educational Technology, Journal of Science Education and Technology, and the International Journal of Information Technology Project Management, to name a few. Further Dr. Kidd to as written seven books related to technology management, social informatics, online learning, and adult learning in the digital age. He has been quoted on Amazon.com and featured on ABC News as an expert on the social and ethical ramifications of computer hacking. Dr. Kidd has been recently honored as a Houston Business Journal 40 Under 40 Class of 2016 honoree and the 2016 Outstanding Alumni Award from the Texas A&M University. He is a proud member of the Alpha Alpha Phi Alpha Fraternity Incorporated.

**Lonnie R. Morris, Jr., Ph.D.,** is founder and chief leadership officer for Griffin Rodgers & Associates LLC., a consulting group dedicated to improving workplace experiences through leadership development, capability building, and innovative work processes. Morris transitioned to leadership and organizational development consulting after more than 15 years as a senior university administrator with appointments in several of our nation’s urban centers including Baltimore, MD, Raleigh, NC, Memphis, TN, Oakland, CA, Jacksonville, FL, and Washington, DC. Morris is actively engaged in professional and community leadership. He is the current ethics chair for the International Leadership Association. He has worked in multiple capacities to expand the lens through which leaders view diversity & inclusion. This includes work as senior consultant for Bell & Lindsay, Inc., serving on the professional access and equity committee for the Southern Association of College Registrars and Admission Officers, and extended work with the Monster.com Diversity Leadership Program. He has served on advisory boards for multiple community organizations including Empowering People in the Community (Philadelphia, PA), the East Bay Consortium (Oakland, CA), Cheers for a Cause (Washington, DC), the LMCP College Project (Richmond, CA) and the Black Collegiate Network (Memphis, TN). Dr. Morris, Jr. is an expert in leadership, organizational development, and E-learning.

---

**Order Information**
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com