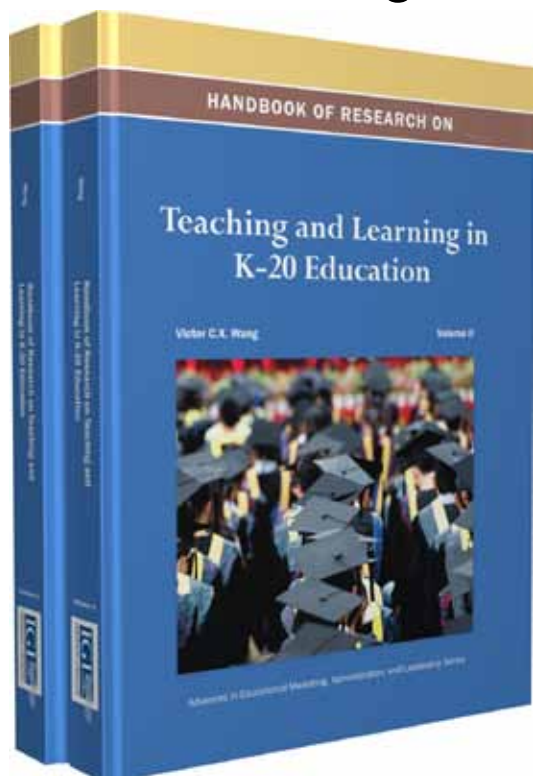


# An Excellent Addition to Your Library!

Released: June 2013

## Handbook of Research on Teaching and Learning in K-20 Education



Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Victor C.X. Wang  
(Florida Atlantic University, USA)

While the general agreement in education remains that the more senses involved in learning, the better we learn; the question still remains as to the distinction between the education of children and the education of adults.

**Handbook of Research on Teaching and Learning in K-20 Education** provides well-rounded research in providing teaching and learning theories that can be applied to both adults and children while acknowledging the difference between both. This book serves as a comprehensive collection of expertise, research, skill, and experiences which will be useful to educators, scholars, and practitioners in the K-12 education, higher education, and adult education field.

### Topics Covered:

- Adult Education
- Common Core Standards
- E-Learning Processes
- K-20 Policies for Teachers
- Online Learning Engagement System
- Open Learning
- Social Media-Enabled Learning
- Work Ethic for K-20 Education

ISBN: 9781466642492; © 2013; 950 pp.

Print: US \$525.00 | Perpetual: US \$785.00

Print + Perpetual: US \$1,050.00

### Pre-pub Discount:\*

Print: US \$500.00 | Perpetual: US \$745.00

\* Pre-pub price is good through one month after publication date.

**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

**Victor C.X. Wang**, a tenured associate professor, is a PhD mentor/faculty member at Florida Atlantic University. Dr. Wang's research and writing activities have addressed workforce education, the foundations of adult education, adult teaching and learning, training, transformative learning, cultural issues in vocational and adult education, distance education, human performance technology, instructional/administrative leadership, assessment and evaluation of learning, and curriculum development. He has published more than 160 journal articles, book chapters and books, including two encyclopedias and two handbooks of research (each over 1,000 pages long) in 11 years and has been a reviewer for five national and international journals. He is the founding editor (Editor-in-Chief) of the *International Journal of Adult Vocational Education and Technology*. He has won many academic achievement awards from universities in China and in the United States, including the Distinguished Faculty Scholarly & Creative Achievement Award. Dr. Wang has taught extensively as a professor in Chinese universities (1989-1997) prior to coming to study and work (Kansas, Arkansas and California, 1997-2011) in the United States. He has taught across the curriculum for the past 23 years in university settings. He has had extensive experience in chairing and mentoring doctoral dissertations. Three of the books he has written and edited have been adopted as required textbooks by major universities in the United States, and in China. In addition, numerous universities worldwide including some Ivy League Universities have cataloged his books and journal articles.



www.igi-global.com

Publishing Academic Excellence  
at the Pace of Technology Since 1988

## Chapter 1

*Teaching for Critical Thinking*

Stephen Brookfield, University of St. Thomas, USA

## Chapter 2

*Learning through Teaching*

Patricia Cranton, University of New Brunswick, Canada

Laurence Robert Cohen, Independent Educator ret., USA

## Chapter 3

*Learning to Lead in the Midst of Complex Times*

Patricia Maslin-Ostrowski, Florida Atlantic University, USA

Eleanor Drago-Severson, Columbia University, USA

## Chapter 4

*Common Core State Standards*

Carol Adamec Brown, East Carolina University, USA

## Chapter 5

*Quality in K-20 e-Learning Processes*

Javier Sarsa, University of Zaragoza, Spain

Rebeca Soler, University of Zaragoza, Spain

## Chapter 6

*The Impact of K-20 Policies on Teachers, from Effectiveness to Attrition*

Amy L. Sedivy-Benton, University of Arkansas, Little Rock, USA

## Chapter 7

*Teaching as Literacy*

Krista Steinke, Florida Atlantic University, USA

Valerie Bryan, Florida Atlantic University, USA

## Chapter 8

*Adapting Adult Educators' Teaching Philosophies to*

*Foster Adult Learners' Transformation and Emancipation*

Victor C. X. Wang, Florida Atlantic University, USA

Patricia Cranton University of New Brunswick, Canada

## Chapter 9

*School Leaders and Cultural Competence*

Maysaa Barakat, Auburn University, USA

Maria Martinez Witte, Auburn University, USA

James E. Witte, Auburn University, USA

## Chapter 10

*Democratizing Classroom Discussion*

Stephen Brookfield, University of St. Thomas, USA

## Chapter 11

*Online Learning Engagement System (OLE.S) Design Framework for*

*Postsecondary Online Learning Environments*

Wen-Hao David Huang, University of Illinois at Urbana-Champaign, USA

## Chapter 12

*Opening the Learning Space*

Jo A. Tyler, Penn State University-Harrisburg, USA

## Chapter 13

*The Development of the Occupational Work Ethic for K-20 Education*

Gregory C. Petty, University of Tennessee, Knoxville, USA

## Chapter 14

*Facilitating Learning in Second Life*

Maureen Ellis, East Carolina University, USA

Patricia J. Anderson, East Carolina University, USA

## Chapter 15

*Envisioning K-20 Education*

Olutoyin Mejiuni, Obafemi Awolowo University Ile-Ife, Nigeria

## Chapter 16

*Partnerships between University and Adult Education Providers*

Maria Martinez Witte, Auburn University, USA

Azzam Abd-El Naby Ahmed, Beni Suef University, Egypt

James E. Witte, Auburn University, USA

## Chapter 17

*Digital Citizenship Instruction in K-20 Education*

Lesley S. J. Farmer, California State University, Long Beach, USA

## Chapter 18

*Teacher Assessment in Technology-Integrated Early Childhood Classrooms*

Esther Ntuli, Idaho State University, USA

Lydia Kyei-Blankson, Illinois State University, USA

## Chapter 19

*Computer-Aided Engineering Education – New Learning Approaches and Technologies*

Chen Kang, Lee, University Tenaga Nasional, Malaysia

Manjit Singh Sidhu, University Tenaga Nasional, Malaysia

## Chapter 20

*Teaching Through Film*

Stephen Brookfield, University of St. Thomas, USA

## Chapter 21

*A Critical Review of Reflectivity, Andragogy and Confucianism*

Victor C. X. Wang, Florida Atlantic University, USA

John A. Henschke, Lindenwood University, USA

Karen M. Fay, Florida Atlantic University, USA

## Chapter 22

*K-20 Education in Relation to Library Science*

Lesley S. J. Farmer, California State University, Long Beach, USA

## Chapter 23

*The Making of Adult Learners through Project Based Learning*

Helen W. M. Yeh, Hong Kong Polytechnic University (HKCC), China

## Chapter 24

*Multigenerational Narratives as a Healing Process*

Jennifer Lynne Bird, Florida Atlantic University, USA

Eric Wanner, Florida Atlantic University, USA

## Chapter 25

*Using Logic Models for Program Planning in K20 Education*

Carol Adamec Brown, East Carolina University, USA

## Chapter 26

*Before K and Beyond 20*

Judith E. Parker, Teachers College/Columbia University, USA

## Chapter 27

*Online Learning*

Thomas G. Reio, Jr., Florida International University, USA

Cyntianna C. Ledesma Ortega, Florida International University, USA

## Chapter 28

*A Qualitative Research Approach for the Investigation and Evaluation of Adult Users' Participation Factors through Collaborative e-Learning Activities in the Virtual World of "Second Life"*

Pellas Nikolaos, University of the Aegean, Greece

Kazanidis Ioannis, Kavala Institute of Technology, Greece

## Chapter 29

*Minority Students in Teacher Education*

Keri L. DeSutter, Minnesota State University-Moorhead, USA

## Chapter 30

*Redefining the Higher Education Landscape through Problem-Based Learning*

Valerie A. Storey, University of Central Florida, USA

Marilyn A. Schiavo, Lynn University, USA

Chapter 31  
Optimizing Conditions for Learning and Teaching in K-20 Education  
Christina De Simone, University of Ottawa, Canada  
Teresa Marquis, University of Ottawa, Canada  
Jovan Groen, University of Ottawa, Canada

Chapter 32  
*The Perceived Work Ethic of K-12 Teachers by Grade Level Taught (K-6, 7-9, 10-12)*  
Gregory C. Petty, University of Tennessee, Knoxville, USA

Chapter 33  
*Facilitating Active Learning Among Adult Learners*  
Chinmoy Sahu, U21Global Graduate School, Singapore

Chapter 34  
*Teaching and Learning to Communicate*  
Cynthia J. Benton, State University of New York, USA  
Kathleen A. Lawrence, State University of New York, USA

Chapter 35  
*"They didn't teach them anything!"*  
Beth Kania-Gosche, Lindenwood University, USA  
Sherrie Wisdom, Lindenwood University, USA  
Lynda Leavitt, Lindenwood University, USA

Chapter 36  
*K-20 Learning Along a Novice to Expert Continuum in Online Learning Environments*  
David D. Carbonara, Duquesne University in Pittsburgh, USA

Chapter 37  
*Recent Advances in Intelligent Tutoring Systems - A Case Study*  
Joel J. P. C. Rodrigues, Instituto de Telecomunicações, University of Beira Interior, Portugal  
Pedro F. N. João, Instituto de Telecomunicações, University of Beira Interior, Portugal  
Isabel de la Torre Díez, University of Valladolid, Spain

Chapter 38  
*GlobalEdu*  
Débora Nice Ferrari Barbosa, FEEVALE University, Brazil  
Jorge Luis Victória Barbosa, University of Vale do Rio dos Sinos (UNISINOS), Brazil

Chapter 39  
*In the Nexus*  
Matthew Eichler, Texas State University, USA  
Carrie J. Boden-McGill, Texas State University, USA

Chapter 40  
*The Visualization of a Critical Element in K-20 Learning*  
Lori M. Risley, Andragogy Academy for Teaching and Learning, USA

Chapter 41  
*Teachers as Researchers and Instructional Leaders*  
Crystal Loose, Penn State University, USA

Chapter 42  
*The Changing Mission and Nature of Partnerships in Public Universities*  
Marianne Robin Russo, Florida Atlantic University, USA  
Kristin Brittain, Florida Atlantic University, USA

Chapter 43  
*Education can be gained from Errors*  
Erin L. Tabor, North Arkansas College, USA

Chapter 44  
*Engaging Students in a Large Classroom and Distance Environment*  
William R. Hamilton, Creighton University, USA  
Victor A. Padron, Creighton University, USA  
Jennifer A. Henriksen, Creighton University, USA

Chapter 45  
*Advancing Active Learning with Adult Learners*  
Cheryl McFadden, East Carolina University, USA

Chapter 46  
*K-20 Education and Globalization*  
John K. Hope, University of Auckland, New Zealand

Chapter 47  
*Assessment and Learning*  
Catherine M. Wehlburg, Texas Christian University, USA

Chapter 48  
*Collective Transformation of Three Generations of Chinese Adult Learners in K-20 Education*  
Victor C. X. Wang, Florida Atlantic University, USA  
Marianne Robin Russo, Florida Atlantic University, USA  
Karen M. Fay, Florida Atlantic University, USA

Chapter 49  
*Andragogy around the World in K-20 Education*  
John A. Henschke, Lindenwood University, USA

Chapter 50  
*Assessing the Quality of Education for All*  
María Vásquez-Colina, Florida Atlantic University, USA

## Order Your Copy Today!

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Tel: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Enclosed is check payable to IGI Global in  
US Dollars, drawn on a US-based bank

Credit Card  Mastercard  Visa  Am. Express

3 or 4 Digit Security Code: \_\_\_\_\_

Name on Card: \_\_\_\_\_

Account #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_