

Contents

Adventures and Advances in Instructional Design Theory and Practice . . .	1
J. Michael Spector	
Coming at Design from a Different Angle: Functional Design	15
Andrew S. Gibbons and P. Clint Rogers	
Robust Designs for Scalability	27
Jody Clarke and Chris Dede	
Externally Modeling Mental Models	49
David H. Jonassen	
Applying a Critical and Humanizing Framework of Instructional Technologies to Educational Practice	75
Johannes Strobel and Heather Tillberg-Webb	
When a Peer Group Isn’t Needed: Effective Online Learning in an Individual Mentoring Model	95
Alyssa Friend Wise, Chandra Hawley Orrill, Thomas M. Duffy, Rodrigo del Valle, and Jamie R. Kirkley	
Linking the POV-ing Theory to Multimedia Representations of Teaching, Learning, Research in the Age of Social Networking	119
Ricki Goldman and Chaoyan Dong	
Creating Shared Visions of the Future for K-12 Education: A Systemic Transformation Process for a Learner-Centered Paradigm	131
Charles M. Reigeluth, Alison Carr-Chellman, Brian Beabout, and William Watson	
Technology as a Change Agent in the Classroom	151
Gary R. Morrison, Steven M. Ross, and Deborah L. Lowther	

Using Activity Theory to Evaluate and Improve K-12 School and University Partnerships	175
Lisa C. Yamagata-Lynch and Sharon Smaldino	
Reflections: Variations on a Theme	205
Marcy P. Driscoll	
Reflections: Variation on a Theme: Part 2 Is This Jazz, or Are We Singing the Blues?	215
Wellesley R. Foshay	
Author Index	219
Subject Index	225

Learning and Instructional Technologies for the 21st
Century

Visions of the Future

Moller, L.; Harvey, D.M. (Eds.)

2009, XVI, 232 p. 20 illus., Hardcover

ISBN: 978-0-387-09666-7