AECT-Springer Online Major Reference Work (MRW)

An online Major Reference Work (MRW) co-sponsored by AECT and Springer entitled *Learning, Design, and Technology: An International Compendium of Theory, Research, Practice and Policy* (see https://link.springer.com/referencework/10.1007/978-3-319-17727-4) covers topics concerning theory, research, practice and policies related to the design, development, implementation, and evaluation of learning environments, instructional systems, and performance technologies. This is an ongoing effort with an evolving collection of contributions that have been peer reviewed. Because the MRW is online, contributions longer than a typical journal article are encouraged (e.g., 7,000 to 17,000 words), and they can include multimedia and interactive components (e.g., hyperlinks, embedded color graphics and animations, etc.). Once the first version of the effort if formally released (targeted for the December 2017), the MRW will be indexed in appropriate places. Editors, section editors and co-editors, and authors of published contributions will be given complimentary online access to this major reference work (MRW) and another approximately 950 MRWs already published by Springer (see http://link.springer.com/search?facet-content-type=%22ReferenceWork%22).

The AECT contact person is Phillip Harris, Executive Director, Association for Educational Communications and Technology (AECT), 320 West 8th Street, Suite 101, Bloomington, IN 47404-3745 (pharris@aect.org www.aect.org). J. Michael Spector (mike.spector@unt.edu) is the oversight editor, along with co-editors Barbara B. Lockee (lockeebb@vt.edu) and Marcus D. Childress (marcus.childress@bakerU.edu). There are currently 16 sections, each with a lead section editor and some with section co-editors. Each section is anticipated to be book length. All contributions will be peer reviewed and the work will be indexed when formally released.

Major differences from the AECT *Research Handboo*k include (a) a desire to have in-depth studies and reports that can include interactive multimedia, (b) syntheses of multiple studies in a specific area, (c) evidence-based trends pertaining to learning, design and technology, (d) comprehensive analyses of issues that connect theory, research, practice and policy, and (e) evidence-based trends and research reviews. This MRW will feature focused studies and reports with rich descriptions and illustrations of one or more cases and studies, as well as research reviews, meta-analyses, conceptual frameworks and analytic treatment of important developments and persistent issues. Expanded works previously published that incorporate additional findings, works that synthesize findings across several studies, and in-depth reports of evaluations and policy analyses are especially sought. All contributions will be peer-reviewed and receive very wide dissemination. The work will be indexed and searchable on the Web of Science and Google Scholar once the first version is completed (anticipated in December 2017).

Section editors and co-editors have primary responsibility for soliciting and vetting authors, reporting approved authors and their titles and contact information to Meteor (audrey.wong-hillmann@springernature.com), recruiting reviewers and recommending reviewed contributions for publications. The three editors will assist throughout that process in support of section editors and co-editors. The following sections and section leaders are soliciting and accepting proposals for contributions; contact them for additional details. The next deadline for submitting a proposal to one of the sections is November 15, 2016. A proposal should include the title, authors, an extended abstract, key references, and CVs of the authors or links to their Websites. Once a proposal is accepted, a place to manage the contribution will be created in Meteor (Springer's online system for major reference works) and a due date for a first draft is set – typically 180 days after proposal acceptance, although is negotiated with the section editor. A Spring 2017 deadline will be announced at the beginning of the year.

1. Learning Theory and the Learning Sciences- Jan Elen (Jan.Elen@ppw.kuleuven.be) Geraldine Clarebout (geraldine.clarebout@ped.kuleuven.be)
2. Impact of Educational Policies and Research on Educational Practice –Bob Doyle(rdoyle@fas.harvard.edu) Drew Polly (Drew.Polly@uncc.edu)
3. Technologies for Learning, Instruction, and Performance – Dirk Ifenthaler (dirk@ifenthaler.info)
4. Designing Learning, Instruction, and Performance – Trey Martindale (treymartindale@gmail.com), Ross Perkins (rossperkins@boisestate.edu)
5. Innovative Design and Development Approaches – Lin Lin (lin.lin@unt.edu) Bernie Sibuma (bsibuma@gmail.com)
6. Transformative Learning – Kaushal Kumar Bhagat (kkntnu@hotmail.com); Sebnem Feriver (sebnemferiver@gmail.com)
7. Systems Thinking and Change – Eugene Kowch (ekowch@ucalgary.ca)
8. Assessment, Testing, and Evaluation – Maggie Wang (magwang@hku.hk) Cher Ping Lim(clim@eduhk.hk) Tzy-Ling Chen (tlchen@dragon.nchu.edu.tw)
9. Case Studies in Learning Design and Instructional Technology – Simon Hooper (sxh12@psu.edu)
10. Professional Preparation – Sara McNeil (smcneil@Central.UH.EDU)
11. Technologies Influencing Educational Futures – Youqun Ren (yqren@admin.ecnu.edu.cn), Qiyun Wang (qiyun.wang@nie.edu.sg), Guangtao Xu (xuguangtao@126.com)
12. Adaptive Technologies and Augmented Realities – Nian Shing Chen (nianshing@gmail.com) Gwo-Jen Hwang (gjhwang.academic@gmail.com)
13. E-Learning in Formal and Informal Settings – Insook Lee (inlee@sejong.ac.kr) Mimi Lee (mimileebj@gmail.com)
14. Smart Learning Environments and Learning Analytics – Kinshuk (kinshuk@unt.edu)
15. Cultural & Regional Perspectives – Patricia Young (pyoung@umbc.edu)
16. Literature Reviews and Systematic Reviews of Research – Hale Ilgaz (haleilgaz@gmail.com) Gloria Natividad (naty1617@hotmail.com) Arif Altun (altunar@hacettepe.edu.tr)