

Call for Paper (CfP)
Publication Submission Deadline May 1, 2017
Special Interest Group (SIG) at ED-Media 2017:
Learning Design

SIG Chair:
Dr Doug Reid, MacEwan University, Canada

Introduction

With the surging number of university students and the pressures that higher education is facing, educators are searching for ways to be as efficient as possible in their teaching practice. The emerging field of Learning Design is growing out of more traditional teaching and learning practices to cope with the financial, technological and cultural factors that impact teaching and learning today.

Learning design is the planning, sequencing and managing of learning activities using technology-based tools to support the design, development and delivery of learning opportunities. Without frameworks for the development of research based learning design, educators will continue to struggle to reach curricular goals and to create innovative engaging learning opportunities for students.

The institutional pressures in higher education currently include financial stresses to maximize outputs and minimize inputs. For educators this involves requiring to meet the needs of the institution, create efficient production procedures, and dealing with the technical environments which currently exist for delivering learning. Words used a great deal in this conversation include quality, shareable, replicable, reusable, repeatable, repurposing of courses and units.

The Learning Design Special Interest Group (SIG) has a focus on the study and investigation of pedagogy and learning design in education. The membership of this SIG is interested in the design of learning experiences to help ensure student success in online, blended and offline learning environments. Included in this focus is the examination of factors that currently affect learning design, such as institutional pressures, development of learning design processes, sharing models of learning design, the creation of a common language to explore the design of learning activities and engaging with the wants and needs of people involved with all aspects of learning design.

Aim of the Special Interest Group (SIG)

The Learning Design SIG has the aim of promoting the discussion of Learning Design that is occurring now in the Higher Education community. This discussion will include high quality, proven practice examples of learning design being used now.

A key aim of the SIG is to engage with models of learning design currently being used or being proposed to meet the needs of 21st Century educators. Conceptual models, models of multimodal delivery, investigation of types of learning approaches, and learning design decision making models are among the topics to be discussed. Studying consistent notation and common language will be a priority as there is no currently accepted vernacular for pedagogical approaches and learning design taxonomies.

Potential ways to further the conversation about learning design is the development of processes and procedures that have a focus on effective design and student success. This SIG will explore factors such as the composition of units of learning, guidelines for structured interactions, assessment tools and strategies, and preparing learning goals, objectives and outcomes.

A final key aim of the SIG is to include the impact of the educator and the learner into the discussion regarding learning design. This may include the impact of user preferences on the design, development and delivery of learning. Additionally, learning design needs to examine people-based factors like accessibility requirements, cultural inclusion, new roles for learners, new roles for educators and professional development opportunities.

There are many questions concerning the topic of learning design, because technologies and institutions are changing from more traditional models. A large amount of research is necessary to explore new possibilities regarding designed learning and teaching processes. The SIG engages with an overview of how learning design can be supported with immersive technologies. The chair encourages researchers to submit contributions with a strong focus on technology and proven practice.

Our crucial question is: How can we develop the field of learning design to give students the best opportunity for success in this technologically changing world?

Objective of the SIG

The SIG will aim to provide relevant and the latest empirical research findings in the area of technology and pedagogy for the research field of learning design. It will be held for professionals and researchers who want to improve their understanding of learning design in teaching and learning in the 21st Century educational environments.

We are calling for research papers in the area of eLearning strongly emphasizing the use of **research based learning design** for education. Only publications with serious data behind and with high impact to the scientific community will be accepted.

Recommended topic section

Topic sections about future of learning design include but are not limited to:

- Learning Design
- Learning Design Communities
- Learning Design Repositories
- Frameworks for pedagogical diversity and innovation
- Instructional design
- Interface design
- Institutional curriculum transformation
- Curriculum visualization
- Conceptual models of the decision making processes involved in learning design
- Language to communicate learning design
- Learning design mapping software
- Learning Activity Design
- Designing for Accessibility
- Learner preference impact on Learning Design

Submission Procedure

Researchers and practitioners are invited to submit *on or before May 1, 2017* a 7-10 page research publication clearly explaining the addressed research questions. Authors of accepted publications will be notified about the review results of their submission. All submitted chapters will be reviewed on a double-blind review basis.

The SIG is scheduled to be held at EdMedia 2017 (June 20 – 23, 2017) conference as outstanding track. All accepted submissions will be presented in about 20 minutes with a discussion to follow. Furthermore an extra time will be scheduled for in depth-discussion about the topic and future development of the SIG.

All selected publications will be published in a special issue of the *Journal of Educational Multimedia and Hypermedia (JEMH)* afterwards the conference. See more details of the journal here: <http://www.aace.org/pubs/jemh/>

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URL of site to host the SIG call:

follow

Short CV of the SIG-chair

Doug Reid PhD (Edith Cowan University): Doug Reid is currently head of eLearning Design and Delivery (eDD) at Grant MacEwan University. He holds a BA (History) and BEd (Special Education) from Acadia University, a MA (Educational Technology) from University of Calgary and a PhD (Educational Computing) from Edith Cowan University. A Canadian by birth, he has taught internationally at a number of Universities before returning home to Canada. His main research interests include instructional design, online teacher professional development, mobile learning and distance education.