Presentation Title:
E-learning Development, Sharable Learning Objects And Authoring Tools

Abstract:
In this session you will hear how cutting edge technologies have truly made a difference to private and public sector organizations using instructional strategies and tools that were developed in a Canadian Online University and that are currently being implemented and evolved within the corporate environment in both Canada and the US. You will see demonstrations of how this collaborative effort has resulted in a seamless “hierarchy of learning” - all the way from the basic knowledge training that so many organizations use for basic procedures and processes, to the higher-level scenario-based learning activities. With the use of sharable Learning Objects, a dynamic database and a web-based authoring tool, we resolved a number of common issues that are typically encountered. You will see a demonstration how course development can be easy and non-technical, illustrating how instructional designers can cut themselves loose from the daily dependence on “techies”. We’ll discuss many issues that can save time, money, human resources and provide benefit to the bottom line.

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Roger joined Royal Roads University to create the Centre for Economic Development and Applied Research. By combining his deep understanding of emergent technologies with the andragogical and design expertise at the University, the team he created soon began to garner international awards for innovation in E-Learning.

The mandate from the University was to be completely self-funded, including the capital requirements to develop the facility. In the first year of operation CEDAR generated almost $2 million in revenue and produced an operating surplus. Both revenues and surplus have increased at a rate of approximately 50% each subsequent year.

The CEDAR team has explored new technical and pedagogical (andragogical) approaches to online course design, combining research proven learning
concepts. They have fine-tuned their products with trials on Royal Roads MBA learners.

Before going to University, Roger was the founder and CEO of some small to mid size technology companies with annual revenues between five and twenty five million dollars. His experience in starting and building companies, and his technical knowledge combined easily with the group of researchers, educators, programmers, and designers that he pulled together at Royal Roads to create CEDAR.

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Dr. Wilson has 25 years experience in the training and online industries, specializing in instructional design, project management, and the creation of E-Learning applications. In 1989, Scott left a corporate position as training manager and started his own company where he has managed the development of thousands of hours of online training applications for Fortune 500 clients.

Scott is president of E-Learning-4-U, Inc., a training firm helping institutions with the standards, design, and project development of E-Learning applications. For the last three years Scott has actively contributed to the development of innovative web authoring solutions for both university and corporate learning applications.

Scott is co-author of each in a series of 8 books published by OnWord Press / Thomson Learning about various aspects of multimedia. Scott has actively served as both member and officer in the interactive and training communities. He has also given numerous presentations at national and international conferences on many topics related to E-Learning. Scott received his Ph.D. from Florida State University in Instructional Design and Research Methodology.