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**The Information Science & Technology Center**

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**Colorado State University's  
Information Science and Technology Center (ISTeC)  
presents two lectures by**



## **Dr. David Shaffer**

Professor of Learning Science  
Department of Educational Psychology  
University of Wisconsin-Madison

**ISTeC Distinguished Lecture  
in conjunction with the  
Electrical and Computer Engineering Department and  
Computer Science Department Seminar Series**

## **"Engineering the Future of Education"**

**Monday, January 30, 2012**

Reception: 10:30 a.m.

Lecture: 11:00 – 12:00 noon

Location: Lory Student Center, Room 205



**Department of Education Lecture**  
*sponsored by ISTeC*

**"Games to Teach and Games to Test:  
Developing and Assessing Innovation"**

**Monday, January 30, 2012**

1:30 p.m.

Location: Lory Student Center, Room 215

# ABSTRACTS

## **“Engineering the Future of Education”**

Dr. Shaffer looks at the future of education through the lens of two decades of research and development of educational games and simulations. His talk shows how the spread of digital tools frame both the challenges and solutions to problems of education in a time of cognitive, social, and economic change.

## **“Games to Teach and Games to Test: Developing and Assessing Innovation”**

In this session, Dr. Shaffer looks at innovative thinking: what makes it unique, and how we can teach it and measure it using computer games. Based on over two decades of research and development, Dr. Shaffer presents a perspective on learning and assessment suited to the global economy of the 21st Century and the realities of modern work and education in a knowledge society.

## **SPEAKER BIOGRAPHY**

**David Williamson Shaffer** (<http://www.wceruw.org/people/staff.php?sid=1150>) is a professor at the University of Wisconsin-Madison in the departments of Educational Psychology and Curriculum and Instruction, and a Game Scientist at the Wisconsin Center for Education Research. He is the chief PI on the Epistemic Games grants. Before coming to the University of Wisconsin, Dr. Shaffer taught grades 4-12 in the United States and abroad, including two years working with the Asian Development Bank and US Peace Corps in Nepal. His M.S. and Ph.D. are from the Media Laboratory at the Massachusetts Institute of Technology, and he taught in the Technology and Education Program at the Harvard Graduate School of Education. He currently has \$4M in NSF grants supporting his research.

**To arrange a meeting with the speaker**, please contact Prof. James Folkestad at [James.Folkestad@ColoState.EDU](mailto:James.Folkestad@ColoState.EDU) or (970)491-7823.

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