

## Program Schedule Thursday, May 24th

### **Teaching Institute and Teaching Related Programming**

#### **Plenary Session: 1 to 2 pm Learning Principles—What We Know About Learning**

Abstract: How do people learn? Are there ways to help them learn better? Experts in the field of learning will present research on self-regulated learning with computer-based learning systems, spatial learning, and learning from text. Different social contexts of learning, factors that influence learning, and ways that learning processes can be improved will be discussed.

#### Session Chair:

**Valerie Reyna**, Cornell University

#### Presenters:

**Roger Azevedo**, University of Memphis

**Nora Newcombe**, Temple University

**Susan Goldman**, University of Illinois, Chicago

#### **Breakout Session, 2:15 to 3:15 Applications of Principles that Promote Performance**

Abstract: This breakout session focuses on three presentations by leading experts in the areas of critical thinking, feedback and creating learning systems. In each presentation, research across disciplinary fields is summarized to develop a better understanding of the factors that can impact learning at school and work settings. The practical implications of this research for the development of learning principles, guidelines, and strategies for optimizing the design and delivery of instruction are then described.

#### Session Chair:

**J. Kevin Ford**, Michigan State University

#### Presenters:

**Bruce Torff**, Hofstra University

**Valerie Shute**, Educational Testing  
Service

**Eduardo Salas**, University of Central  
Florida

## Program Schedule Friday, May 25th

### **Association of Psychological Science Convention**

**TIME: TBA**

#### **Learning with Technologies of the Future**

Abstract: Learning with Technologies of the Future Technology has the potential to provide intelligent and patient teachers that can respond to learners' moods and how well they are learning. Three pioneers in learning technologies will tease the audience with introductions to interactive learning agents, an on-line program that teaches collaborative peer evaluation, and a game-based model of learning.

#### Session Chair:

**Diane F. Halpern**, Claremont McKenna College

#### Presenters:

**Art Graesser**, University of Memphis

**Milt Hakel**, Bowling Green State University

**James Gee**, University of Wisconsin

#### **Learning at Different Developmental Stages**

Abstract: How can we develop tools necessary for learning across the lifespan? We need to overcome challenges in doing controlled research in schools. We need to make learning engaging and flexible. In this intriguing session, we have three experts who will address challenges for learning in schools and in the workplace.

#### Session Chair:

**Keith Millis**, Northern Illinois State University

#### Presenters:

**Ken Koedinger**, Carnegie Mellon University

**J. D. Fletcher**, Institute for Defense Analysis

**Denise Park**, University of Illinois, Urbana-  
Champaign

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