

**THE SCIENCE OF SIMULATION IN HEALTHCARE:
DEFINING AND DEVELOPING CLINICAL EXPERTISE**

Washington, DC--May 28, 2008

**CONSENSUS CONFERENCE 2008--Sponsored by the Editors of *Academic Emergency Medicine*
CONFERENCE OUTLINE.v2.25.08.2**

8:00-8:30. Welcome/Introduction (J. Gordon/J. Vozenilek, co-chairs; AEM Editors)

8:30-9:00. Special Remarks (Kevin Weiss, MD,MPH President, American Board of Medical Specialties)

9:00-10:00. Morning Plenary: Developing Expertise in Medicine

- Keynote 1 : How to Attain Expert Performance: Deliberate Practice in Medicine (**K. Anders Ericsson, PhD**, Professor of Psychology, Florida State University)
- Keynote 2: Research Opportunities in Simulation-Based Medical Education Using Deliberate Practice (**William McGaghie, PhD**, Professor of Medical Education, Northwestern University)

10:15-11:45. Concurrent Consensus Tracks: Developing Expertise: Driving the National Agenda for Simulation Research in Undergraduate, Graduate, and Continuing Medical Education

(Focus on: Identifying the most effective approaches to simulation-based EDUCATION)

- Consensus Track 1: Individual/Cognitive Expertise: Global Provider Competency (W.Bond, Lehigh Valley/Penn State)
- Consensus Track 2 : Group Expertise: Effective Teamwork and Communication (R. Fernandez, Wayne State; P. Phrampus/Pittsburgh)
- Consensus Track 3: Technical Expertise: Procedural and Surgical Skill (E.Wang, Evanston/Northwestern)
- Consensus Track 4: Systems Expertise: Effective Simulation at the Organizational Level (Patient Safety/Disaster/Surge) (L.Kobayashi, Brown)

12:00-1:00. Lunch Session: Training and Transference to the Real World: Implications for Medicine (Eduardo Salas, PhD, Professor of Psychology, University of South Florida/Institute for Simulation Training; and **Bob Hanscom, JD**, Vice President, Risk Management Foundation of the Harvard Medical Institutions)

1:15-2:15. Afternoon Plenary: Defining Expertise in Medicine

- Keynote 3: Formative Assessment in Medicine: The Role of Simulation-Based Debriefing (**Jenny Rudolph, PhD**, Lecturer in Anesthesia, Harvard Medical School)
- Keynote 4: Summative Assessment in Medicine: The Promise of Simulation for High-Stakes Evaluation (**Jack Boulet, PhD**, Assist. VP for Research and Evaluation, ECFMG)

2:30-4:00. Concurrent Consensus Tracks: Defining Expertise: Driving the National Agenda for Simulation Research in Undergraduate, Graduate, and Continuing Medical Education

(Focus on: Identifying the most effective approaches to simulation-based EVALUATION)

- Consensus Track 1: Individual/Cognitive Expertise: Global Provider Competency (L.Spillane, Rochester)
- Consensus Track 2 : Group Expertise: Effective Teamwork and Communication (M.Shapiro, Brown)
- Consensus Track 3: Technical Expertise: Procedural and Surgical Skill (R.Lammers, Michigan State)
- Consensus Track 4: Systems Expertise: Effective Simulation at the Organizational level (Patient Safety/Disaster/Surge) (A. Kaji, UCLA)

4:00-5:00+. Consensus Discussion and Summary (J. Gordon, Harvard/Mass General; J. Vozenilek, Evanston/Northwestern; AEM Editors)