



MAY 6, 2013

EMERGING TECHNOLOGY AND STEM EDUCATION

Symposium

Science, Technology, Engineering, and Mathematics (STEM) fields and *Emerging Technologies* have become increasingly central to U.S. economic competitiveness and growth. This symposium addresses current international research achievements and aims to facilitate interdisciplinary collaboration and research initiatives.



education.ou.edu

Dr. J. Michael Spector
University of North Texas

Dr. Theresa Cullen
Dr. Teresa DeBacker
University of Oklahoma

Dr. Farrokh Mistree
Dr. Zahed Siddique
University of Oklahoma

Dr. Michael Grant
University of Memphis

Dr. Dirk Ifenthaler
Open Universities
Australia

**THE UNIVERSITY OF
OKLAHOMA**
Jeannine Rainbolt College
of Education
Department of
Educational Psychology

**See back for detailed
program information**

09:00 – 09:30 am

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09:30 – 10:15 am

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10:30 – 11:15 am

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11:15 – 12:00 am

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01:00 – 01:45 pm

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01:45 – 02:30 pm

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03:00 – 04:00 pm

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04:00 – 04:30 pm

For abstracts and
further information

<http://ed.ou.edu/ets>

Dr. Kelvin Droegemeier, Vice President for Research,
Dr. Gregg A. Garn, Dean of Jeannine Rainbolt College of Education
Dr. Xun Ge, Chair of Department of Educational Psychology

Welcome Speech

Dr. J. Michael Spector, University of North Texas

**Tensions and Synergy in Emerging Technologies and the
Sciences of Learning**

Dr. Theresa Cullen & Dr. Teresa DeBacker, University of Oklahoma
Faculty Adoption of iPads: An Emergent Case Study

Dr. Farrokh Mistree & Dr. Zahed Siddique, University of Oklahoma
Developing Competencies for the 21st Century Engineer

Dr. Michael Grant, University of Memphis
**Learning on the Move: Considerations for Formal,
Semiformal and Informal Learning**

Dr. Dirk Ifenthaler, Open Universities Australia
**The Validity of Assessment in STEM Education: Identifying
Cross-Domain Distinguishing Features**

Breakout Sessions

*Focusing on new Initiatives for STEM and Technology in K-12
and Higher Education*

Outlook

Invitation for Research Collaboration and Grant Proposal Wiki

Symposium location

Collings Hall, Room 250

820 Van Vleet Oval, Norman, OK

RSVP by May 03, 2013 to

Dr. Xun Ge (xge@ou.edu) or Lihui Liao (llh@ou.edu)

