

# The Charles A. Dana Center's Annual Mathematics and Science Higher Education Conference

## 2009 Agenda

### Thursday, October 8

8:00 a.m. to 4:00 p.m.	<p><b>Teacher Quality Project Directors' Meeting (Current Project Directors only)</b></p> <p><i>Elizabeth Powers</i>, Director of the Teacher Quality Grants Program, Texas Higher Education Coordinating Board</p>	Bergstrom A–B
4:30 to 6:00 p.m.	<p><b>Conference Registration</b></p>	Lower-Level Lobby
6:00 to 7:45 p.m.	<p><b>Dinner, Welcome, and Opening Remarks</b></p> <p><i>Uri Treisman</i>, Executive Director of the Charles A. Dana Center and Professor of Mathematics, University of Texas at Austin</p>	Bergstrom A–D
7:45 to 8:45 p.m.	<p><b>Keynote</b></p> <p><b>Science, Math, and Twenty-first Century Skills: The role of higher education in preparing a new generation of math- and science-savvy graduates</b></p> <p><i>Cathy Seeley</i>, Senior Fellow at the Charles A. Dana Center, The University of Texas at Austin</p>	Bergstrom A–D

### Friday, October 9

7:30 to 8:30 a.m.	<p><b>Breakfast</b></p>	Lower-Level Lobby
8:45 to 9:15 a.m.	<p><b>Texas Policy Update</b></p> <p><i>Amanda Brownson</i>, Moak, Casey &amp; Associates</p>	Bergstrom A–D
9:15 to 10:45 a.m.	<p><b>The Changing Nature of High School Mathematics and Science Across the Nation</b></p> <p>Panel Members:</p> <p><i>Cathy Seeley</i>, Senior Fellow at the Charles A. Dana Center  <i>Kaye Forgione</i>, Senior Associate for Mathematics, Achieve, Inc.  <i>Charis McGaughy</i>, Director, Strategic Partnerships and Project Development Center for Educational Policy Research, EPIC  <i>Vanessa Westbrook</i>, Sr. Program Coordinator at the Dana Center</p> <p>Moderator:</p> <p><i>Susan Hull</i>, Program Director at the Charles A. Dana Center</p> <p>Respondent:</p> <p><i>Uri Treisman</i>, Executive Director of the Charles A. Dana Center and Professor of Mathematics, University of Texas at Austin</p>	Bergstrom A–D

**Friday, October 9, continued**

10:45 to 11:00 a.m.	<b>Break</b>	
11:00 a.m. to 12:15 p.m. <b>Concurrent Sessions</b>	<b>Texas College and Career Readiness Initiative</b> <i>Charis McGaughy</i> , Director, Strategic Partnerships and Project Development Center for Educational Policy Research, EPIC	Bergstrom A
	<b>An Investigation of Factors that Influence Students' Academic Success in Developmental Mathematics Courses</b> <i>Linda Reichwein Zientek</i> , Mathematics Education, Sam Houston State University <i>Z. Ebrar Yetkiner</i> , Mathematics Education, Texas A&M University <i>Mel Griffin</i> , Walden University	Bergstrom B
	<b>Inquiry Teaching with Freshman and Sophomore Students in College-Level Science Courses</b> <i>Donald French</i> , Past President of the Society of College Science Teachers (SCST) and Professor of Zoology and Coordinator of the University Faculty Preparation Program, Oklahoma State University	Bergstrom C
12:15 to 1:15 p.m.	<b>Lunch</b>	Lower-Level Lobby
1:15 to 2:30 p.m. <b>Concurrent Sessions</b>	<b>New Directions for Developmental Education in Texas</b> <i>Tamara Clunis</i> , Program Director of Developmental Education, Texas Higher Education Coordinating Board	Bergstrom A
	<b>Teaching Science to Students Right Out of High School</b> <i>Connie Russell</i> , President of the Society of College Science Teachers (SCST), Associate Professor of Biology, Angelo State University	Bergstrom B
	<b>Using Best Practice from Inservice Professional Development and K–12 Partnerships to Reshape Preservice Courses in Mathematics</b> <i>Tracy Bibelnieks</i> , Associate Professor of Mathematics, Augsburg College, Minneapolis, Minnesota	Bergstrom C
2:45 to 4:00 p.m.	<b>Agency Updates</b> Panel Members: <i>Jan Lindsey</i> , Director of College and Career Readiness, The Texas Education Agency <i>Susan Barnes</i> , Senior Director for Educator Quality, Texas Higher Education Coordinating Board Moderator: <i>Bill Hopkins</i> , Research Associate, Charles A. Dana Center	Bergstrom A–C
	<b>Dinner on your own</b>	

## Saturday, October 10

8:00 to 9:30 a.m.	<p><b>Sparkling Interest in Science for the Non-Interested</b>  <i>Alan McCormack</i>, NSTA President Elect and Professor of Teacher Education, San Diego State University</p>	Bergstrom A–D
9:35 a.m. to noon	<p><b>Introduction to the Texas Education Research Centers: Linked Data for Collaborative Studies</b>  <i>Jim Van Overshelde</i>, Statewide Policy and Programs, Texas Education Agency  <i>Kristin Kuhne</i>, Manager of Evaluation Services, Texas Schools Project, University of Texas at Dallas  <i>Celeste Alexander</i>, Associate Director, Texas Education Research Center, University of Texas at Austin</p> <p><b>Session includes:</b></p> <ul style="list-style-type: none"> <li>• General overview of ERCs</li> <li>• Presentation on what the data encompasses</li> <li>• Description of application process for new work</li> <li>• Information on other Texas Centers</li> <li>• Facilitated discussion on collaboration</li> </ul>	Bergstrom A–D
Noon	<b>Box Lunch</b>	Lower-Level Lobby

### *Conference presentations posting*

Conference presentations will be posted on the conference website at [www.utdanacenter.org/highered](http://www.utdanacenter.org/highered). We will try to have all presentations posted by November 14, 2009.