



CONFERENCE AGENDA

Cox Convention Center-CCC
 Meeting Room-MR
 Oklahoma School of Science and
 Mathematics-OSSM

AS OF MAY 31, 2010

Thursday 06/03/2010

10:00 am - Noon	CCC	Teacher/ Fellow Registration
11:40 am - Noon	CCC-Exhibit Hall	Break sponsored by Conoco-Phillips
12:00 pm - 1:30 pm	CCC-Arena	Lunch Acorn Growth Companies' 4th Annual Seeds of Greatness Award Education. It's About What Goes On the Inside and Outside the Classroom Introduction by Steve Hendrickson, The Boeing Company Rick Stephens, The Boeing Company
1:30 pm - 5:00 pm	CCC-Exhibit Hall	Exhibit Hall Open
1:30 pm - 2:30 pm	CCC-Exhibit Hall	Exhibit Hall Prize Drawings
2:00 pm - 5:00 pm	CCC-Exhibit Hall	Opportunity Sessions by appt. only
2:30 pm - 3:30 pm	CCC-MR1	Breakout Sessions Track 1-Straight talk with Aerospace HR Professionals Darrell Sims, AAR



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Thursday 06/03/2010-Continued

2:30 pm - 3:30 pm

CCC-MR2

Track 2-The Perfect Storm

Martin Piplits, The Persimmon Group

The current workplace is in the middle of a massive transformation. Gen Y, Gen X, Twitter, Facebook, a down economy--everything is hitting at once, causing incredible issues for companies. From business strategy to high-employee turnover to the pending exodus of Boomers from the workplace, this presentation focuses on key drivers transforming our workplace. Identifying practical, bottom-line increasing ideas on how to create high-performance work environments. This program combines key points from "Creating High Performance Teams" and, "Typewriters to Blackberries". Discussions include motivating different types of employees, collaborative problem solving and effective conflict resolution. Scenes from the hit movie, "The Perfect Storm," are used to emphasize and to help retain key points.

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Thursday 06/03/2010-Continued

2:30 pm - 3:30 pm

CCC-MR3

Track 3-CareerTech and the Aerospace Industry
 Partnership

Moderator, Scott Smith, Oklahoma Dept. of
 Commerce

Robin Schott, STEM

H.L. Baird, Oklahoma Department of Career &
 Technology Education

Scott Dean, Oklahoma Department of Career &
 Technology Education

CareerTech is actively engaged in developing the "pipeline" of highly-skilled workers that Oklahoma aerospace industry requires. CareerTech instructors and programs work with students in high school through "project lead the way" (pre-engineering) as well as the FIRST Robotics program.

Likewise, secondary school students are being trained during their junior and senior years of high school in disciplines like aviation maintenance technician and precision machining.

Adults can receive training in aerospace sheet metal fabrication plus a wide range of other "fast track", customized training that is focused on the needs of individual aerospace companies. The panel discussion will feature program leaders in each of these areas who will bring more detail on how CareerTech is helping Oklahoma build the workforce of tomorrow.

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Thursday 06/03/2010-Continued

2:30 pm - 3:30 pm	CCC-MR4	Track 4-Aerospace Fellows and Mentors Training Mark Tarpley, Education and Training Day Mentor Coordinator Hally K. Cole, The Boeing Company Jim Parrett, Tahlequah Schools <i>The Aerospace Fellows Mentorship is a relationship between the teacher and the mentor with common goals, aligned expectations and mutual benefits. The teacher has the tools of education and the mentor has the expertise and direct connection to industry. This session will describe how the teacher and mentor can partner to find strategies for instruction that capitalize on the mentors experience in the aerospace industry. Examples of past successes and lessons learned will be provided to continue to improve this valuable relationship.</i>
3:30 pm	Renaissance Hotel	Hotel Registration for Teachers/Fellows
4:15 pm	CCC	Bus Departure for Oklahoma Air Logistics Center Tinker Air Force Base
5:00 pm	CCC-Exhibit Hall	Exhibit Hall Tear-down
5:00 - 8:00 pm		Teacher/Fellow and Mentor Reception at Oklahoma Air Logistics Center Tinker Air Force Base Sponsored by Tinker Federal Credit Union
8:00 pm	Tinker AFB	Bus Departure for Renaissance Hotel



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Friday 06/04/2010

Oklahoma Aerospace Summit and Expo Education and Training Day
Oklahoma School for Science and Math
1141 North Lincoln Boulevard, Oklahoma City

7:00 - 10:15 am	OSSM	Registration Open
7:00 - 8:15 am		On your own transportation
7:30 - 8:15 am		Continental Breakfast
8:15 - 9:00 am		Opening Ben Robinson – Chair 2010 ETD Planning Committee Dr. Edna Manning - President OSSM Lt. Gov Askins – Keynote Ben Robinson - Introduction of Special Supporters
9:00 - 10:00 am		Panel Discussion Dr. Erin Nelson, The Boeing Company Emma Dyer, The Boeing Company Madison Mullens, Oklahoma State University Student Andrew Nantze, Metro Technical Center Student
10:00 - 10:15 am		Break

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Friday 06/04/2010-Continued

Breakout Sessions

Some Breakout Sessions will provide a range of educational resources for teachers to use in the classroom to teach Science, Technology, Engineering, and Math while others will provide insight into opportunities for students to engage in STEM activities. Breakout sessions will be delivered in a rotation to allow all Fellows to attend each session.

Current Breakout Session Presenters:

- Brian Burcham – Tech Connect Teacher from Putnam City North Nano Technology Activities for the Classroom
- Dr. Jamey Jacob - American Institute of Aeronautics and Astronautics Aerospace Activities for the Classroom
- Dr. Freda Deskin - Astech Inc. STEM Activities and Lessons for the Classroom
- Kelly Wardlaw – Science Teacher from Stillwater Public Schools Aerospace Connections in Education – ACE Defines the Aerospace Educational Opportunities Available to Oklahoma Students

Above and Beyond the Classroom Showcase:

- BotBall
- Junior FIRST LEGO® League
- FIRST LEGO® League
- FIRST Tech Challenge
- FIRST Robotics Competition
- Real World Design Challenge
- Gordon Cooper Technology Center “Rocket Power – You Be the Astronaut!”
- Stafford Air & Space Museum



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Friday 06/04/2010-Continued

10:15 - 11:00 am	Breakout Session One
11:00 - 11:15 am	Break
11:15 - Noon	Breakout Session Two
12:00 - 1:00 pm	Lunch
	Keynote, James Grimsley
1:00 - 1:15 pm	Break
1:15 - 2:00 pm	Breakout Session Three
2:00 - 2:15 pm	Break
2:15 - 3:00 pm	Breakout Session Four
3:00 - 3:15 pm	Break
3:15 - 4:00 pm	Breakout Session Five
4:00 - 4:15 pm	Break
4:15 - 5:00 pm	Closing