

Special February Conference Edition

Career Tech

In Touch

January 2011

Anchorage School District, Department of Career & Technology Education



I am glad to join Michael Fenster, STEM Curriculum Coordinator, to welcome all new STEM colleagues for the first ever co-sponsored CTE/STEM conference. CTE has hosted the conference for over two decades. The 21st annual ASD CTE conference team is excited to merge with Science, Technology, Engineering and Math experts in new educational initiatives and innovations.

International Entertainer Scott Friedman will kick off the conference Friday night at the opening session. Brain research speaker Pat Wolfe will provide thought provoking information Saturday morning. There are more than 30 breakout sessions from which to choose, as well as 20 product and service exhibitors. Learn from the FBI how to avoid internet criminals. Come and experience the latest display technology such as “e-beam.” Sit at the controls of state-of-the-art heavy equipment simulators at

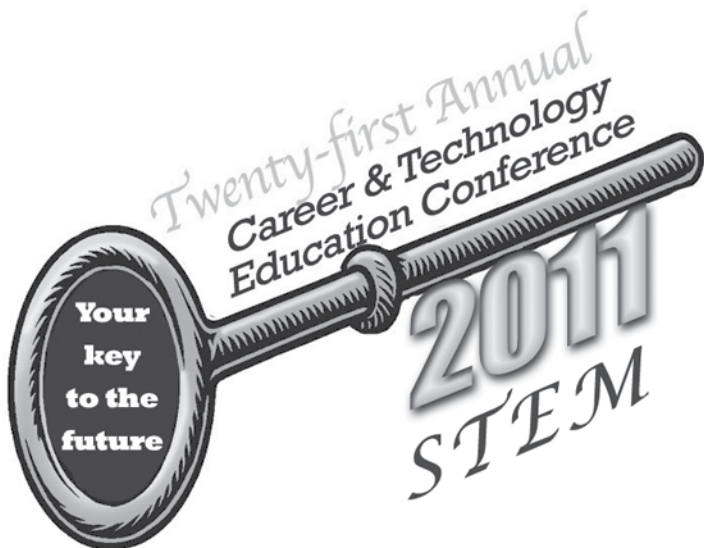
the SIM Center. See how your students can experience the Center this spring.

Door prizes will include individual CTE coupons for major IT products including \$5000 school technology coupons for the high school and middle school with the highest number of teaching staff including one administrator or counselor.

CTE leads with the most innovative trends in education. Come energize and renew your mind and instruction with practical ideas you can take back to your classroom. Join us February 4th to learn more. On-line registration is now open. The Anchorage School District CTE Conference is the best teachers’ conference deal anywhere. Don’t miss it.

See you there,

Rick Rios



Friday, February 4, 5 - 9 pm
Saturday, February 5, 8 am – 5 pm
King Career Center
2650 E. Northern Lights Blvd.
Anchorage, Alaska

For more information and to register, visit:
http://www.asdk12.org/depts/career_technology/

Teacher Strands

The general conference begins Friday evening, February 4, 2011, and allows you to go to any sessions. However, if you would like a more focused direction and additional learning opportunities, you can attend one of seven teacher strands: Business, Family & Consumer Science, Industrial/Applied Technology, Health/P.E., STEM and Counseling. Below is a brief description of each strand. Please note the start times as many of the strands begin on Thursday, February 3, 2011, or the morning of Friday, February 4, 2011. For strand details and/or questions, please contact the strand coordinators.

Business Strand: Let's Get In-Touch With Collaborative Tools 4 Students! **Coordinator: Joann Pfisterer (pfisterer_joann@asdk12.org)**

If you are interested in learning how to use Google Apps as a “ Collaboration Tool?” This session is for you, learn about a project already underway using the newly adopted Google Apps by the Anchorage School District. We will also cover a variety of other tools such as Scratch, Skype, along with Oovoo and iChat. Also the FBI, Federal Reserve and speakers from the state will be featured at our conference. (Note: This strand begins Friday, February 4, 2011, at 8:00 am at the AD Bldg in the Ed Tech department).

Construction Strand: Building for the Future **Coordinator: Gary Gaard (gaard_gary@asdk12.org)**

Did you know that the Alaska construction industry is the third largest industry in Alaska with the second highest wage level? The 2011 Construction Strand will be your opportunity to experience both state-of-the-art heavy equipment and welding simulators. Dan Carey, ASD SIM Center director, along with Bob Hammer from Kenai AK Construction Academy will be presenting with time provided for questions and hands-on operations. We will continue with a number of pertinent sessions during the regular conference on Friday evening and all day Saturday. The list includes NCCER Online Curriculum Contren Connect which is an online program that can deliver real-time learning and instant feedback for a number of different NCCER curriculums. We will be looking at an online presentation for Core Curriculum, so if you are involved with NCCER in any way this session is for you. Other sessions include: Emerging Energy Technologies in Alaska, Economic Trends in Alaska, and Renewable Energy Resources in Alaska and Your Classroom. (Note: This strand will begin Friday, February 4, at 1:00 pm, at the ASD SIM Center located in a portable on the west side of the King Career Center).

Counselor Strand: The Right Tools For Success: Be Career Ready! **Coordinator: Shelley Berry (berry_shelley@asdk12.org)**

Let's help students figure out how to be a part of Alaska's workforce development! Learn how to help them develop a vision and a plan for their future. How do we make WorkKeys meaningful? Let's talk about Career Ready 101 uses, College/Career readiness, building online student portfolios, the latest academies and how we can be involved, and much more! (Note: This strand begins at 8:30 am on Friday, February 4, 2011, at the Alaska Youth Hiring Center, One Stop Shop behind the King Career Center. Counselors should plan to attend all day on Friday).

Family Consumer Science-Human Services Strand: This 'n That in FCS **Coordinator: Una Kernodle (kernodle_una@asdk12.org)**

Are your students ready for the surge in Alaska's tourism? Do you need help in starting a culinary arts course? New and exciting ideas for existing foods courses? This strand offers valuable information on how to prepare students for a successful career in culinary arts, including utilizing the ProStart program from the National Restaurant Association, as well as review new curriculum, best practices in the field, chef's demos and preparing students for competitive events. This strand will be presented by Sarah Shepard, ProStart Coordinator with CHARR, and Holly Nicholls, Account Executive with Pearson CTE for the state of Alaska. Additional topics to be covered throughout the conference include foods demo from King Career Center's Chef Jack Nurmi; agriculture activities for the classroom to help students learn where their food comes from; "Eat Right or Die" presentation; new Alaska HOST certification curriculum; parenting activities; and a session on how we may be unintentionally shortchanging our male students. (Note: This strand starts at 8:30 am Friday, February 4, at CHARR's Anchorage offices: 1503 W. 31st Ave., Suite 202).

Health Strand: "Health Meets STEM": A More Perfect Union **Coordinator: Sharon Vaissiere (vaissiere_sharon@asdk12.org)**

The Health Strand in 2011 offers participants new opportunities to understand and embrace the ASD's Health Career Academy. Industry partners will provide insights into pathways to employment; local experts will detail the excitement they find each day in health-related professions; and hands-on biotech lessons will demonstrate STEM connections to health. (Note: This strand begins Friday, February 4, at 1:00 pm at the King Career Center, Health Occupations Rm, 2nd Floor, and includes a half-day sub-release for a limited number of attendees and continues into that evening and all day Saturday, February 5).

Engineering & Industrial Technology Strand: Understanding SolidWorks Software, Electronics, Heavy Equipment Simulators and Pneumatic Launchers

Coordinator: Brad Fleener (fleener_brad@asdk12.org)

CAD and Engineering Technology teachers interested in learning more about SolidWorks 3D Engineering software and Engineering Technology need to be a part of this Strand. Other sessions include Electronics with Fiber Optics, and then learn how to build and test a Pneumatic Launcher. Lastly, Dr. Joe Busby will discuss the success of the Alaska Design Competition. (Note: This strand begins @ 4:00 pm Thursday, February 3, and continues Friday morning at the King Career Center).

STEM Strand: First the Root Grows Down, Then the STEM Grows Up

Coordinator: Michael Fenster (fenster_michael@asdk12.org)

As the STEM department continues its inaugural year, we hope to assist teachers to understand the myriad ways in which their students will benefit from STEM education and training for their careers. The team of Lolly Rader and Ryan Prnka from Eagle River High School will have a session on integrating mathematics and science in Applied Technology with K'nex®. Also invited is a scientist from the US Geological Survey and from Alaska Aerospace. Other sessions will be finalized in the STEM content area before the conference. Check back from time to time to see what has been added. (Note: This strand will begin Friday, February 4, start time and location TBA).

Keynote Speakers: Scott Friedman - Pat Wolfe

We are fortunate to have two amazing keynote speakers: Scott Friedman and Pat Wolfe. Sometimes, the best way to learn is by laughing! Scott Friedman is a motivational humorist who gets audience members laughing while opening their minds to new ideas. With over 2200 speeches in his 25-year speaking career, Scott knows how to connect with audiences worldwide. With a sharp sense of cultural diversity, Scott appropriately crafts his message to bring relevant value to his audiences. He brings a fresh global perspective to his programs about the changing worlds of employee engagement, customer engagement, branded customer service, personal branding, humor as a tool in sales, service, public speaking, and change management. His improvisational skills, customized humor, and delightful nature add a refreshing quality to each program.

Pat Wolfe, a nationally known expert on brain compatible learning, is a former teacher of Kindergarten through 12th grade, county office administrator, and adjunct university professor. Over the past 12 years, as an educational consultant, she has conducted workshops for thousands of administrators, teachers, boards of education and parents in schools and districts throughout the United States and internationally. Her major area of expertise is the application of brain research to educational practice. Her entertaining and interactive presentation style makes learning about the brain enjoyable as well as practical. She is an author and has appeared on numerous videotape series, satellite broadcasts, radio shows, and television programs.



CONFERENCE PRESENTATIONS

- * FEDERAL RESERVE BANK
- * ECONOMIC TRENDS IN ALASKA
- * REAP-RENEWABLE ENERGY
 - * AK EHEALTH
- * COOKING WITH NURMI
- * MAKE WORKKEYS MEANINGFUL
- * HEALTH CARE CAREERS
 - * CAD ACADEMY
- * DECIDE-NOT SLIDE THROUGH LIFE
- * CONSTRUCTION IN BAD WEATHER
 - * IDENTITY THEFT - BEWARE
 - * CHILD DEVELOPMENT
- * PREPARING FOR POST-SECONDARY

- * AKCIS
 - * SIM CENTER
- * NCCER CONTREN CONNECT
 - * AG IN THE CLASSROOM
- * ELECTRONICS & FIBER OPTICS
- * SMARTBOARD IN THE CLASSROOM
- * PROMETHEAN BOARD FOR EDUCATION
 - * EXHIBITORS AND VENDORS
- * EMERGING ENERGY TECHNOLOGY
 - * AK DESIGN CHALLENGE
- * INTEGRATING GOOGLE APPS
 - * EAT RIGHT OR DIE!!!
 - * CAREER READY 101
 - * STEM - IN AVIATION

MORE TOPICS AVAILABLE ONLINE. FOR THE LATEST LIST AND SCHEDULE, VISIT
[HTTP://WWW.ASDK12.ORG/DEPTS/CAREER_TECHNOLOGY/](http://www.asdk12.org/depts/career_technology/)

Career & Technology Education

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Anchorage School District
Educating All Students for Success in Life

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Francis Lucas, *Evaluations & Room Host Coordinator*
Melissa Flynn, *Student Services Coordinator*
James Harris, *DOLWD Career Guide*
Tammy Williamson, *DOLWD Career Guide*
Elaine Banda, *DOLWD Career Guide*

Registration Information: Register Early for the Best Deal

Registration is \$50 through January 25, 2011. Starting on January 26, 2011, registration will be \$60.

To register, please fill out the registration form online at:
http://www.asdk12.org/depts/career_technology/febconf11/index2.html.

Payment options:

1. Pay using PayPal. Pay with a credit card or any other form of payment allowed by PayPal (link provided on the top right of the online registration page).

2. Mail a check by January 25, 2011. Make check payable to KCC and mail to:

CTE Office
2650 E. Northern Lights Blvd.
Anchorage, AK 99508

3. Pay at the door. CHECK OR CASH ONLY.

*For questions about registration, please contact Tina Arend
arend_tina@asdk12.org*

*Anchorage School District Personnel—After you complete your online registration, please also sign up for the conference on MyLearningPlan.

UAA Credit Available

Attendees can opt to earn one UAA graded graduate (500 level) credit. UAA registration will take place on Friday, February 4, 2010, after you have picked up your conference materials.

*For questions about UAA credit, contact Dean Southam
southam_dean@asdk12.org*



*2010 Smart-Board Winners:
Bartlett High School (above)
and Gruening Middle School.*



PRIZES! PRIZES! PRIZES!

Along with our wonderful door prizes, which are bigger and better than ever, there is also a grand prize for the middle and high school with the most staff in attendance. Each school must also have at least one counselor or administrator in attendance to qualify. In the past, we have awarded SmartBoards to winning schools. Last year, Bartlett High School and Gruening Middle School walked away with SmartBoards. This year, however, we will be awarding \$5,000.00 vouchers to the winning schools to purchase district-approved technology! So, attend an amazing conference and support your school by helping to win new technology--it's a win-win situation!