



Kansas Professional Engineer

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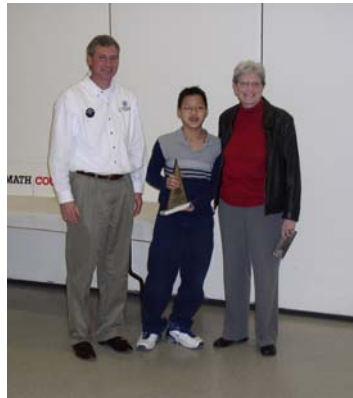
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2004 STATE MATHCOUNTS CONTEST

Shawnee Heights Middle School Wins First Place Team Wichita Student Wins First Place

By: Ben Jackson, Kansas MATHCOUNTS Chairman

Mathematics students from throughout Kansas competed in the 21st State MATHCOUNTS Contest in Salina on Saturday March 6 at the Bicentennial Center. Jaeho Hwang of Wichita Collegiate School claimed first place at the conclusion of the Countdown Round. Kiran Kota of The Independent School, Wichita, finished second. Feiyang Sun of Frontier Trail Junior High, Olathe, and Nick Katz of Indian Woods Middle School, Overland Park, finished third and fourth respectively. These four individuals will represent Kansas in the National MATHCOUNTS Contest in Washington, D. C. on May 6 - 9, 2004.



Jaeho Hwang of Wichita Collegiate School claimed first place

In the team competition, Shawnee Heights Middle School, Tecumseh, finished first. Coach Suzanne Jordan of Shawnee Heights will coach the Kansas National team. Frontier Trail Junior High, coached by Kathleen Wilhite finished second, and The Independent School, coached by Naga Kota was third. Indian Woods Middle School was fourth, Oxford Middle School, Overland Park, was fifth, and Hutchinson Middle

School 8th Grade claimed the sixth place trophies.

Statewide, 73 schools comprising a total of 474 students registered for the 2003-04 MATHCOUNTS competition. Of these, 88 students from 25 Kansas schools participated at the state level in the 21st annual contest.



Shawnee Heights Middle School, Tecumseh, finished first in team competition

Seven of the ten chapters were represented in the grading room for the contest and this year, the grading room kept pace with events in the test room. The following students and members graded tests:

- | | |
|-----------------|---------|
| Dan Wright | K-State |
| Kim Bartak | K-State |
| Kevin Honomichl | Eastern |

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Project Lead the Way (PLTW)

By Mike Thompson, PLTW committee chairman

The Wichita Chapter PLTW committee continues their contacts with the Wichita West and Winfield High School PLTW programs. The committee is now asking for help from interested KSPE members.

Three activities could use KSPE member assistance. The students in the program are required to interview engineers of a discipline in which the student has an interest. The students' interests vary from automotive to oceanography. Since school telephone use and long distance charges are limited, the most convenient format for an interview is usually email. When a student emails an engineer, the student will identify himself or herself with

"PLTW" in the email subject. If you are willing to grant interviews, send your email address with your name, phone number, and discipline that you practice to the PLTW committee or the KSPE office.

Another need is advisory committees. Each school must have an advisory committee of people practicing management, accounting, production and engineering. These committees meet with the school about four times per year. The schools are interested in advisory committee members that have some connection to the school, such as alumni, residents of the school district, etc. If you are interested in more information on serving on a advisory committee at Wichita

West or Winfield High Schools, contact the PLTW committee or the KSPE office.

There is also the opportunity to place high school seniors in the program, and instructors, in summer jobs with engineering organizations. If your organization may have jobs this summer, the PLTW committee will post that information with the schools.

You may contact the PLTW committee chairman Mike Thompson, Poe & Associates, 5940 E. Central, Suite 200, Wichita, KS, 67208, 316-685-4114, fax 316-685-4444, or mike-thompson@poekansas.com.

MATHCOUNTS *(Continued from page 1)*

Chris Price	Eastern
Hal Munger	Hutchinson
Brad Johnson	Smoky Valley
Tom Sydow	Smoky Valley
John Ourada	Smoky Valley
John Reh	Smoky Valley
Lea Montgomery	Smoky Valley
Matt Bryant	Smoky Valley
Rod Anderson	Smoky Valley
Shawn O'Leary	Smoky Valley
Willis Bell	Smoky Valley
Wayne Gudmonson	Southeast
Steve Cottrell	Southwest
Amy Martens	Topeka
Jay Freund	Topeka
Brian Armstrong	Topeka

Jon Callen	Wichita
Mark Borst	Wichita
Chris Bohm	Wichita

Thank you for your time and help.

Don Taylor, Topeka, conducted the written test rounds and timed the Countdown; KSPE President Rick Ensz, Eastern, assisted with the Countdown Round and also distributed awards to the students. Ben Jackson, Eastern, conducted the Countdown Round. Thanks also to Pam Lower in the KSPE office for accommodations arrangements and for preparing 113 certificates for the students and coaches. Alice Karakas

arranged post contest publicity and communicated with schools during the autumn registration period.

Several of the MATHCOUNTS Coaches assisted in proctoring the test including Doug King and Michelle Laubenstein of Leawood Middle School; Naga Kota of the Independent School; Stan Stern of Indian Woods Middle School; Betsy Weins of Washburn Rural Middle School, Topeka; Dixie Wantoch of Antioch Middle School, Overland Park; and Kathleen Wilhite of Frontier Trail Junior High.

2004 Annual Conference “The Power of Change”

By Ron Gaches, Executive Director

Outstanding speakers, excellent professional development courses, networking, golf and fun make up the 2004 KSPE Annual Conference in Topeka June 9-11.

Keynote speakers include:

Secretary of Transportation Deb Miller
Westar CEO & President Jim Haynes
NSPE President Terri Helmlinger
NSPE General Counsel Art Schwartz

Presentations by Haynes and Schwartz will provide a focus on ethics issues, for which they are uniquely qualified. Prior to returning to Westar, Haynes was a professor of business ethics at the University of Texas El Paso. Under his leadership, Westar has become a model of corporate accountability and investor confidence has been restored. Schwartz is the leading national expert in Profession Engineering ethics and he authors the monthly legal column in NSPE’s flagship publication Engineering Times.

Secretary Miller will provide attendees with a comprehensive look at the changes to the Kansas Department of Transportation and the Comprehensive Transportation Plan. Terri Helmlinger will report on the Futures Task Force recently created by NSPE, intended to reshape the Society for success in a dramatically changing environment.

The fun begins Wednesday afternoon at the scenic Shawnee Country Club, host of the annual KSPE golf tournament and evening icebreaker. This fabulous course provides participants an exciting challenge for the four-man scrabble event.

Thursday’s program is scheduled for the Capitol Plaza Hotel and will feature the above mentioned keynote speakers, PDH programs focused on alternative energy issues and a special personal development agenda designed to appeal to Professional Engineers of all backgrounds.

Thursday’s agenda will also feature the Annual Awards Luncheon and Installation of Officers Banquet. Governor Sebelius has been invited to be the featured speaker at the Installation Banquet. Her confirmation will be posted on the KSPE website as soon as possible.

The latest in manufacturing innovation will be featured Friday morning with PDH presentations by Boeing and General Motors. These sessions and the practice division annual meetings (including the KCE annual business meeting) will be conducted in the Kansas Statehouse.

The entire program (optional golf event is a separate fee) is available for the same price as last year, \$200

for members and \$300 for nonmembers.

Special Annual Conference Offer for Nonmembers

As a special promotion with NSPE, all nonmembers who register for the Annual Conference will be offered a FREE six-month membership in KSPE and NSPE, which will enable them to register for the conference at the membership rate. Nonmembers will save \$100 on the price of the conference and six months of free membership in the state and national Society.

KSPE members are encouraged to invite their non-member friends and associates to take advantage of the Special Annual Conference Membership Offer.

Thursday Only Registration Available

A limited number of “Thursday Only” Annual Conference registrations are available to members and nonmembers. The special rate is \$75 and includes the all morning, noon and afternoon activities, including the evening reception but not the Banquet. Separate tickets for the Banquet will be available for \$50. In order to receive the Thursday Only rate, nonmembers must join KSPE, and may take advantage of the Free six-month membership offer.

Black & Veatch has an exciting opportunity for an **Engineering Technician** in their Kansas City, MO office.

Key Responsibilities: Develop, evaluate, prepare ME plumbing, HVAC, odor control and fire prevention system designs, specs and contract drawings. Prepare calculations, coordinate with other disciplines and prepare contract documents using AutoCAD. Typical systems include sanitary waste and drain systems, domestic water systems, constant volume/VAV air system design, packaged and central chilled and boiler design, and pumping systems.

Preferred candidate will possess: Associates in Applied Science or Drafting Diploma. 8+ years experience designing HVAC and plumbing systems and experience preparing contract drawings and specs. Prefer ASHRAE or ASPE member. AutoCAD 2000, MS Office, Elite HVAC experience a must. Must demonstrate excellent verbal and written communication skills.

Please submit your resume on-line at http://www2.bv.com/careers/HR_Form.htm and reference Requisition #03-0000428.