

# 13th Annual

## Joint Conference

South Dakota Science Teachers Association  
South Dakota Council of Teachers of  
Mathematics

February 3, 4 and 5, 2005  
Crossroads Convention Center  
Huron, SD

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Next year's conference will be **February 2, 3, & 4, 2006.**

# Featured Speakers



**Dr. Rick Melmer**, the Secretary of the Department of Education for South Dakota, will be the banquet speaker. Dr. Melmer will address his assessment of and vision for mathematics and science education in South Dakota.

**Jay Trobec** has been the Chief Meteorologist at KELO-TV since 1997. When he is NOT at home with family, he's busy in the Live Doppler Storm Center. He has the "Seal of Approval" from both the National Weather Association (NWA) and the American Meteorological Society (AMS). Jay has discovered a lot about the weather history of this area. He will share what he has learned by presenting case studies of significant weather events.

**Penny Roberts**, who has recently been named Kentucky's Teacher of the Year is an elementary curriculum specialist from Greenville, Kentucky. She brings her expertise to life in her innovative and energetic sessions. Penny will share teaching and assessing strategies for teachers at the elementary level. Don't miss her crime solving session using mathematics.

**Nancy Berkas** is the Regional Affiliate Representative for NCTM and serves as the link from NCTM to SDCTM. She is also a consultant for the North Central Eisenhower Mathematics and Science Consortium. Nancy will share "Powerful Practices in Mathematics and Science".

**Melissa Horton** is the Director of Wildlife Experiences, Inc. Her presentation will include birds of prey.

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## Mobile Science Lab

The Mobile Science Lab will be parked near the Crossroads for Conference participants to visit. Jerry Opbroek and Bob Vanderlinde will be available to answer questions. They will also conduct several sessions Friday and Saturday for all interested teachers—both those who have had the MSL at their schools and those who would like to have it come to them.

**"The Outdoor Education Journey"** is a partnership between non-profit organizations, outdoor education programs, educational destinations, and the BHSU-NSTA Student Chapter. These students will help participants learn and find out about many environment and outdoor programs available in South Dakota and other states as well as learning materials and field trip ideas for classroom teachers. The first thirty participants will receive a free backpack filled with new ideas and materials. Hands-on and fun activities will provide teachers with a flavor of these curricula.

Working together to present this session are the Black Hills State University – National Science Teachers Association Student Chapter; SD Discovery Center, Project Wet; SD Project Learning Tree; Washington Pavilion of Arts and Science; SD Game, Fish, and Parks – Project Wild; SD Agriculture in the Classroom; USDA/NRCS Conservation Service.

# 2005 Spring Conference

South Dakota Science Teachers Association  
South Dakota Council of Teachers of Mathematics

The meeting rooms for all sessions are in **The Crossroads Hotel & Convention Center**, the **Arena**, the **YWCA**, and the **First Presbyterian Church** (maps are available at the registration table).

## Program

### Thursday, February 3, 2005

7:00 PM - 9:00 PM	Evening Sessions	(See Program)
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### Friday, February 4, 2005

7:00 AM - 4:20 PM	Registration Open	Main Lobby
8:00 AM - 5:00 PM	Exhibits Open	Main Floor/Lobby
8:30 AM - 11:20 AM	Morning Sessions	(See Program)
11:45 AM - 1:10 PM	Friday Luncheon (included in registration fee)	Arena
1:30 PM - 4:20 PM	Afternoon Sessions	(See Program)
4:45 PM	SDCTM Business Meeting	Symposium
	SDSTA Business Meeting	Salons
6:00 PM	Reception Sponsored by Holt	Lobby of Ballroom A
7:00 PM	Friday Evening Banquet (Cost is \$12)	Ballrooms A, B, C

### Saturday, February 6, 2005

7:00 AM - 3:20 PM	Registration Open	Main Lobby
7:00 AM - 8:00 AM	CPAM Breakfast Meeting	Ballroom C
8:30 AM - 11:20 AM	Morning Sessions	(See Program)
12:00 Noon - 1:10 PM	Saturday Luncheon (included in registration fee)	Ballrooms A, B, C
1:30 PM - 3:20 PM	Afternoon Sessions	(See Program)
3:45 PM	Joint SDCTA & SDSTA Executive Board Meeting	Boardroom

**Conference Planner for THURSDAY, February 3, 2005**

(This is for your use only.)

1<sup>st</sup> Choice

2<sup>nd</sup> Choice

3<sup>rd</sup> Choice

7:00 PM

**Conference Planner for FRIDAY, February 4, 2005**

**Remember to visit the exhibits in the Lobby and Hallways of the Crossroads Hotel.  
Special exhibits on Outdoor Education are in the Salons.**

1<sup>st</sup> Choice

2<sup>nd</sup> Choice

3<sup>rd</sup> Choice

8:30 AM

9:30 AM

10:30 AM

**11:45 AM**

**Friday Noon Luncheon in Arena**

1<sup>st</sup> Choice

2<sup>nd</sup> Choice

3<sup>rd</sup> Choice

1:30 PM

2:30 PM

3:30 PM

**4:30 PM**

**SDCTM BUSINESS MEETING in the Symposium  
SDSTA BUSINESS MEETING in Salons**

**7:00 PM**

**Friday Night Banquet in Ballrooms A, B, C  
(Banquet Tickets Required)**

**Conference Planner for SATURDAY, February 5, 2005**

1<sup>st</sup> Choice

2<sup>nd</sup> Choice

3<sup>rd</sup> Choice

8:30 AM

9:30 AM

10:30 AM

**12:00 Noon**

**Saturday Noon Luncheon in Crossroads Hotel—Ballrooms A-C**

1<sup>st</sup> Choice

2<sup>nd</sup> Choice

3<sup>rd</sup> Choice

1:30 PM

2:30 PM

3:30 PM

**3:45 PM**

**SDCTM & SDSTA JOINT BOARD MEETING in the Boardroom**

Next year's conference will be **February 2, 3, & 4, 2006.**

**2005 Mathematics and Science Conference  
SDSTA & SDCTM**

Please take time to respond to the following questions concerning the conference. This information will help the program committee take steps to improve future conferences.

What presentation or presentations did you feel were the most useful or helpful?

What made it (or them) good?

Were there any presentations that disappointed you?

Please give us your overall assessment of the conference along with any comments you would like to share.

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Detach and fill in the following for a final prize to be sent after the conference. To register for the prize turn in this entry along with your evaluation form.

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Name

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Address

---

City, State, Zip Code

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**Representatives will be exhibiting on Friday from 8:00 am until 5:00 pm These include:**

**Harcourt School Publishers**

**Holt, Rinehart & Winston**

**Options (Overgard Educational Materials)**

**Pearson Scott Foresman**

**SD Agriculture in the Classroom & USDZ/NRCS**

**SD Discovery Center**

**SD Game, Fish & Parks—Project Wild**

**SD Project Learning Tree**

**Washington Pavilion of the Arts and Science**

South Dakota Science Teachers Association Business Meeting  
will be held in Salons  
at 4:30 pm on Friday, February 4, 2005

SD Council of Teachers of Mathematics Business Meeting  
will be held in Symposium  
at 4:30 pm on Friday, February 4, 2005

#### **Graduate Credit**

Conference credit will be offered through Dakota Wesleyan University. You may register for one hour of credit at the 499 or 599 level. There will be personnel available to register you for the credit on Thursday night from 7:00 to 9:00 pm and on Friday morning from 7:30 to 8:30 am. Check in the hotel lobby for the DWU table. A syllabus listing course requirements will be available at the time of registration. For more information, contact Rocky Von Eye at (605) 995-2625.

Next year's conference will be **February 2, 3, & 4, 2006.**



The 2005 Conference Committee would like to offer a Special Thanks to ...

**Holt, Rinehart & Winston** for sponsoring the Friday evening reception.

**Dakota Wesleyan University and Rocky Von Eye** for handling the credit.

**Pepsi** for helping provide refreshments throughout the conference.

The **First Presbyterian Church and YWCA** for the use of their meeting rooms.

All speakers for their dedication to the future of mathematics and science education.

All exhibitors for their enthusiastic participation.

The **Huron Area Chamber of Commerce**, The **Huron Convention and Visitors Bureau**, and especially Peggy Woolridge for a great deal of help and cooperation.

The **Crossroads Hotel & Convention Center** for their help and generous hospitality -- especially Reed, Brenda, and Millie

All the conference participants who make all of our efforts worthwhile and without whom there would be no conference.

Next year's conference will be **February 2, 3, & 4, 2006.**

**The 2005 Spring Conference** is a joint venture of the South Dakota Science Teachers Association (SDSTA) and the South Dakota Council of Teachers of Mathematics (SDCTM)

Note: There is a common registration form for both conferences. One form is used to register for all activities, including SDSTA and SDCTM memberships.

ONE-day (SDCTM or SDSTA members)	\$30	Non-members	\$45	Students \$10
includes the Noon Luncheon for that day				
TWO-day (SDCTM or SDSTA members)	\$40	Non-members	\$60	Students \$15
includes the Noon Luncheon for both days				

The Friday Night Banquet is **NOT** included in the registration fee. A ticket for the banquet may be obtained at an additional cost of **\$12**.

Because of a limited printing budget, the program was available in advance at the SDCTM website [www.sdctm.org] or SDSTA web site [www.sdsta.org]. Printed programs were not mailed, but were distributed on site with the registration materials.