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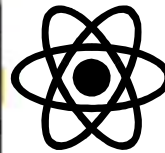
*South Dakota Science Teachers Association*  
James Stearns  
15 N. 5<sup>th</sup> Street  
Groton, SD 57445

*South Dakota Council of Teachers of Mathematics*



**16th Annual**

# **JOINT PROFESSIONAL DEVELOPMENT CONFERENCE**



*SOUTH DAKOTA SCIENCE TEACHERS ASSOCIATION*  
*South Dakota Council of Teachers of Mathematics*

**February 7, 8, and 9, 2008**

**HURON EVENTS CENTER  
Huron, SD**



## Welcome Back to the SDCTM/SDSTA Joint Professional Development Conference Huron Event Center—February 7, 8, and 9, 2008

### Highlights

- Featured Speakers-See page 2
- WILD about Elk
- Promethean Boards
- Using laptops in the classroom
- Star Party after the Banquet
- Robotics
- CGI for Primary
- Animals in the Science Classroom
- Pi Day
- Credit available through Dakota Wesleyan University
- Thursday evening sharing sessions (7:00pm – 9:00pm)
- Friday & Saturday Noon Luncheons
- Friday evening banquet
- Business meetings of SDCTM & SDSTA
- VENDORS

The Presidential Award for Excellence in Mathematics and Science Teaching is the nation's highest honor for teachers of mathematics and science. This year PAEMST celebrates its

25<sup>th</sup> Anniversary. Since 1983, more than 3,700 outstanding teachers, about 70 from SD, have been honored for their contributions to mathematics and science education. We will recognize SD Awardees at this year's conference.

**Sharing Sessions for both math and science teachers will be held Thursday evening in Rooms Dakota C & G (7:00 – 9:00 pm). Attendance at a sharing session is required to earn graduate credit from Dakota Wesleyan University**

**Registration for the Conference starts at 7:00 AM Friday and Saturday.**

# **Featured Speakers**

## **BANQUET SPEAKER— The Flying Circus of Physics**

**Jearl Walker**, professor of physics at Cleveland State University, will be the Friday night Banquet Speaker. He received his BS in physics from MIT in 1967 and his PhD in physics from the University of Maryland in 1973. The original version of his book, The Flying Circus of Physics, was published 30 years ago, has been translated into at least 10 languages, and is still being sold world wide. During his 13 years with *Scientific American* magazine, he wrote 152 articles for “The Amateur Scientist” section, which were translated into at least 9 languages world wide. In 1990, he took over the textbook Fundamentals of Physics from David Halliday and Robert Resnick and has now published his fourth edition of the book. He has lost count of the number of times he has been on television and radio and interviewed for newspapers and magazines, but clearly remembers the 20 minutes he spent performing on the Johnny Carson Show.

## **DEEP UNDERGROUND LABORATORY AT HOMESTAKE**

**Ben Saylor** is in his 9<sup>th</sup> year as director of South Dakota’s Center for the Advancement of Mathematics and Science Education (CAMSE) at Black Hills State University. For the past six years, Dr. Saylor has also played a prominent role in developing education and outreach plans for the Sanford Underground Science and Engineering Laboratory in the old Homestake gold mine in Lead, SD.

## **SOUTH DAKOTAN A WINNER IN CALIFORNIA**

**Marlys Brimmer** graduated from Yankton High School and University of South Dakota. After 13 years in the private sector, she began working on her Master’s Degree in Mathematics Education. After moving to California, she finished her degree and has taught for 20 years in the Bakersfield School System. She was the 1995 Presidential Awardee for Secondary Math. She will be presenting on a variety of topics from review activities for all ages to AP Statistics.

## **NCTM AFFILIATED SERVICE REPRESENTATIVE**

**Tom Muchlinski** is the NCTM ASC representative for Central Region 2. He has been involved in K-16 mathematics education for 25 years as a secondary math teacher, curriculum coordinator, and teacher educator. Tom received his PhD in mathematics and mathematics education from UNC in 1995, and the PAEMST for secondary mathematics in 1996. He is currently the Executive Director of Minnesota CTM.

Visit [www.sdctm.org](http://www.sdctm.org) or [www.sdsta.org](http://www.sdsta.org)  
for complete Program and Hotel Information.

**ADVANCED REGISTRATION FORM**

**is also available on the websites.**

# SDCTM/SDSTA JOINT SPRING CONFERENCE

Crossroads Events Center, Huron South Dakota  
February 7-9, 2008

Conference information and program booklets will be available online at [www.sdctm.org](http://www.sdctm.org) and [www.sdsta.org](http://www.sdsta.org)

## ADVANCE REGISTRATION (Postmark by January 20, 2008)

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
E-mail \_\_\_\_\_ School \_\_\_\_\_  
Home phone \_\_\_\_\_ School Phone \_\_\_\_\_

*Please check the appropriate categories for membership, conference registration, and payment.*

### 1. SDCTM/SDSTA MEMBERSHIP(s) and DUES

*Please check the appropriate categories. You may join one, both, or neither organization.*

<b>Begin/renew SDCTM (math) for one year</b>	<b>Begin/renew SDSTA (science) for one year</b>
_____ Elementary \$5	_____ Elementary \$5
_____ Middle School \$20	_____ Middle School \$10
_____ High School \$20	_____ High School \$10
_____ Post-Secondary \$20	_____ Post-Secondary \$10
_____ Student \$3	_____ Student \$3
_____ Retired \$5	_____ Retired \$5
_____ Other \$10	_____ Other \$10

### 2. CONFERENCE REGISTRATION

*Please check the appropriate categories. Noon luncheon is included for each day that you register.*  
**NOTE: The Friday night banquet is NOT included. Banquet tickets may be purchased for \$20 each.**

I will attend the conference on (check one): \_\_\_\_\_ Friday \_\_\_\_\_ Saturday \_\_\_\_\_ Both days

<b>SDCTM or SDSTA Member</b>	<b>Non-Member</b>	<b>Student</b>
_____ One day \$40	_____ One day \$70	_____ One day \$15
_____ Two days \$60	_____ Two days \$90	_____ Two days \$25

**College credit will be available; information/registration available at the conference registration table.**

### 3. PAYMENT

*All checks/vouchers should be made payable to SDCTM. Purchase orders will NOT be accepted.*

Membership SDCTM	\$ _____
Membership SDSTA	\$ _____
Registration	\$ _____
Friday Night Banquet (\$20 each)	\$ _____
<b>TOTAL ENCLOSED</b>	<b>\$ _____</b>

*Requests for refunds must be received by January 20, 2008*

### 4. SEND THIS FORM WITH PAYMENT

**Steve Caron**  
907 South 16<sup>th</sup> Street      School phone (605) 725-8208  
Aberdeen, SD 57401      Home phone (605) 226-2292

Email: [Steve.Caron@aberndeen.k12.sd.us](mailto:Steve.Caron@aberndeen.k12.sd.us)

*Advance registration must be postmarked by January 20, 2008*

Please check here if you have also submitted a speaker proposal form for the 2008 Conference.