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

James Stearns
15 N. 5th Street
Groton, SD 57445
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 (7:00 pm – 9:00 pm)
- 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 25th 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.
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 Sayler is in his 9th 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. Sayler 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 or www.sdsta.org for complete Program and Hotel Information.

ADVANCED REGISTRATION FORM is also available on the websites.
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.

Begin/renew SDCTM (math) for one year

- Elementary $5
- Middle School $20
- High School $20
- Post-Secondary $20
- Student $3
- Retired $5
- Other $10

Begin/renew SDSTA (science) for one year

- Elementary $5
- Middle School $10
- High School $10
- Post-Secondary $10
- Student $3
- Retired $5
- 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

SDCTM or SDSTA Member

- One day $40
- Two days $60

Non-Member

- One day $70
- Two days $90

Student

- One day $15
- 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) $ ______

TOTAL ENCLOSED $ ______

Requests for refunds must be received by January 20, 2008

4. SEND THIS FORM WITH PAYMENT

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

Email: Steve.Caron@aberdeen.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.

Contact SDCTM with any special needs requests as defined by ADA by emailing Jean Gomer at jean.gomer@k12.sd.us by January 13, 2008