



Welcome Back to the SDCTM/SDSTA Joint Professional Development Conference Huron Event Center—February 1, 2, and 3, 2007

Highlights

- Angleo Casaburri & Arnie Lund, NASA Aerospace Educational Services, will present sessions on airplanes, rockets, robotic features of the shuttle and space station, & cooking aboard the space station.
- Calculus Gateway
- Ornamental Geometry ... a Capitol Experience
- Mathematical Idol: Command Performance
- Electron Configuration Bingo
- Pinhole Cameras
- Introduction to TI-Smartview
- What the Heck is Bio-tech?
- Hands-on Plastic
- Classroom Forensics
- Elementary Crime Scene
- NCLB Inside the Project Learning Tree
- Mobile Science Lab will visit the Conference Site
- Ethanol Plant field trips (FREE!)
- 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

Sharing Sessions for both math and science teachers will be held Thursday evening in Rooms Dakota B & C (7:00 – 9:00 pm). Attendance at a sharing session is required to earn graduate credit from Dakota Wesleyan University. A representative of DWU will be present Thursday evening to take registrations for anyone wishing to earn credit for attending the conference.

Registration for the Conference starts at 7:00 AM.

Featured Speakers

BANQUET SPEAKER— Cathy Seely

Cathy Seeley is a 35-year mathematics educator and change facilitator at the local, state, and national levels. Among her experiences in K-12 education, she has worked as a mathematics teacher, district mathematics coordinator, and state mathematics supervisor for the Texas Education Agency. She has frequently been an advisor and consultant to school districts, state agencies and professional/community organizations. After her recent return from teaching mathematics as a Peace Corps volunteer in Burkina Faso, West Africa, Dr. Seeley worked with a distance education on-line algebra project. Dr. Seeley is active with the National Council of Teachers of Mathematics, including serving on the writing team for the 1989 *Curriculum and Evaluation Standards for School Mathematics*. She has just completed a two-year term as President of NCTM. Dr. Seeley is affiliated as a Research Fellow with the Charles A. Dana Center at The University of Texas.

Carol Greco has taught 1st and 2nd grade in the Lead-Deadwood School District for 16 years. She was the Teacher of the Year for her district and was nominated as SD Teacher of the Year. She uses an inquiry-based approach to teach science. This past summer, she was trained in Washington, DC as a MESSENGER Fellow Educator.

Professor Judith Hankes, University of Wisconsin Oshkosh, teaches mathematics methods and classroom research courses. She is the author of numerous articles dealing with multi-cultural education issues and mathematics. Her dissertation,

Native American Pedagogy and Cognitive Based Mathematics Instruction, is available through Garland Press. She is the co-editor of the NCTM volume, *Changing Faces of Mathematics: Perspectives of the Indigenous Peoples of the Americas*. Dr. Hankes' teaching career spans thirty years and includes primary level classroom teaching, counseling at-risk high school students, coordinating gifted and talented programs, and mathematics inservice for schools serving Native children.

Richard Sherman, an enrolled member of the Oglala Sioux Tribe, grew up on the Pine Ridge Indian Reservation living close to the land as a hunter-gatherer. His education included studies in wildlife management at Utah State University and regional planning at University of Massachusetts at Amherst. Over the last thirty-five years he has actively worked on natural resource issues for indigenous peoples, and created a collaborative land stewardship model that explores ways to integrate indigenous knowledge and science. He served as a Senior Wildlife Biologist for the Oglala Sioux Parks and Recreation Authority for ten years. He has extensive experience teaching young people and adults about wildlife, plants and land stewardship. People regularly travel from all over the world to take part in his herbal excursions and hiking tours.

Visit www.sdctm.org or www.sdsta.org
for complete Program and Hotel
Information.

**ADVANCED REGISTRATION FORM
is also available on the websites.**