Tuesday, March 16, 2004
POSTER SESSION I: ENGAGING K–12 EDUCATORS, STUDENTS, AND THE GENERAL PUBLIC IN SPACE SCIENCE EXPLORATION
7:00 p.m. Fitness Center

Allen J. S. Tobola K. W. Betrue R.
*Training Informal Educators Provides Leverage for Space Science Education and Public Outreach* [#2038]
Informal activities for Girl Scout groups are appropriately designed to arouse curiosity, engage creativity, excite interest and easily take the participants from the pre-awareness to the awareness stage.

Croft S. K. Pompea S. M. Walker C. E.
*Teacher Leaders in Research Based Science Education: K–12 Teacher Retention, Renewal, and Involvement in Professional Science* [#1948]
Description of a successful K–12 professional development program that is national in scope. Participants are engaged in science research with professional astronomers at a major observatory, research in the classroom, and mentoring of new science teachers.

Kadel S. D. Greeley R. Figueredo P. H.
*Telling the Tale of Two Deserts: Teacher Training and Utilization of a New Standards-based, Bilingual E/PO Product* [#1614]
The exercises are student-centered, inquiry-based, include hands-on modeling, and have been designed in direct alignment with state and national science teaching standards. Teacher training and dissemination continue in both English and Spanish.

*Space Rocks Tell Their Secrets: Space Science Applications of Physics and Chemistry for High School and College Classes — Update* [#2081]
This education package strives to help teachers get their students closer to the investigation of science. Continued development of and revisions to the original idea and design have created an innovated tool for the chemistry and physics class.

Klug S. L.
*Utilizing Mars Data in Education: Delivering Standards-based Content by Exposing Educators and Students to Authentic Scientific Opportunities and Curriculum* [#2118]
Mars Exploration can be used as an essential teaching tool to deliver engaging science, technology, engineering, and math curricula to the K-12 classroom to engage students and involve them in meaningful real-time activities.

Bonett D.
*K. E. Little Elementary School and the Young Astronaut Robotics Program* [#1813]
The Young Astronauts Program at KE Little Elementary School is an on-going after-school program in it’s third year of operation. Thirty students from the 4th & 5th grades were accepted into the program for 2003/2004.

*Integrated Solar System Exploration Education and Public Outreach: Theme, Products and Activities* [#2027]
Extreme Space, Extreme Exploration is the theme of integrated solar system exploration efforts to highlight the unprecedented fleet of spacecraft headed to the far reaches of the solar system. We present new products and activities using this theme to inform and excite the public.

Speyerer E. J. Robinson M. S.
*Online Access to the NEAR Image Collection: A Resource for Educators and Scientists* [#1669]
To facilitate easy access to the NEAR image collection of Eros we have developed web-based tools to serve the needs of scientists, educators, and the general public (http://cps.earth.northwestern.edu/near.html).
Crane A. N.  Albin E. F.
*Public Enthusiasm Generated by the 2003 Mars Opposition and Landing of the Exploration Rovers* [#2028]
Interest in Mars is at an all time high. This is due, in no small part, to the 2003 opposition and Mars Exploration Rover Missions. We report on our observations of the public enthusiasm for the Red Planet.

Hardersen P. S.  de Silva S.
*Plans for a 1-meter-class Professional Astronomical Observatory for the State of North Dakota* [#1597]
The Department of Space Studies at the University of North Dakota is proposing the construction and operation of a 1-meter-class professional astronomical observatory that will be used for research, education, and public outreach in North Dakota.

Wood C. A.  Brausch J.  Kramer R.  Ayiommamitis A.
*Observing the Sky and Lunar Photo of the Day: Two New Astronomy Education Web Sites* [#1781]
Two new web sites, www.ObservingTheSky.org and www.lpod.org (Lunar Photo of the Day), provide the public direct access to accurate and timely space information from scientists and skilled amateurs, and publish contributions from amateurs.