

1985

## Science Notes - Earth Science Field Program for Teachers June 15 - July 9

Kerisa L. Chung

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## SCIENCE NOTES

### Earth Science Field Program For Teachers

June 15 - July 9

This program is designed for twenty teachers (elementary, middle or senior high). No previous courses in earth science are required. The staff will pay particular attention to the individual science experiences of the students so that those having little training in geology will feel comfortable working with those who may be at a different level of understanding.

After a four-day orientation on the Eastern Illinois University campus, the program will be housed in the dormitories on the campus of the South Dakota School of Mines (eleven nights). Visits to the Black Hills, Mt. Rushmore, the Badlands, and the Homestake Gold Mine will be among the participants' South Dakota experiences. The remaining time will be spent in Wyoming at Devil's Tower, Yellowstone and Grand Teton National Parks; in Utah at Dinosaur National Park; and in Colorado at Estes National Park. All lodging throughout the program will be in motels/dormitories. Travel will be in a twenty-five passenger, air-conditioned bus.

Students will make rock, mineral, and fossil collections, develop a variety of geology mapping skills, and construct useful teaching aids for classroom use. They will learn to develop lesson plans which facilitate curriculum integration, incorporate the learning-cycle model and make students utilize science process skills.

This twenty-eight day program will allow graduates and junior/senior undergraduates to earn six semester hours credit (three hours geology; three hours science education).

The cost of the program is \$995, about \$35 per day, and includes all tuition, fees, round-trip transportation from Eastern Illinois University to the field sites, as well as approximately half of the meals.

For more information contact: Dr. Michael B. Leyden, Elementary Education, Eastern Illinois Univ., Charleston, IL 61920 (ph. 217-581-5728).

—K.L.C.

### Workshop on Teaching Astronomy in Grades 3-12

"The Universe in the Classroom," a workshop on teaching astronomy in grades 3-12, will be offered as part of the 98th Annual meeting of the Astronomical Society of the Pacific. The meeting will be July 12-14, 1986, on the campus of the University of Colorado, Boulder.

The workshop is designed for people *without* extensive backgrounds in science. It will include helpful sessions on classroom activities and resources, lectures by noted astronomers, hands-on experience with simple telescopes and binoculars, as well as tours of local astronomy facilities.

Further details regarding credit availability, dormitory accommodations, and registration will be available in spring 1986. To get a complete brochure and registration packet at that time, send a legal-sized, stamped, self-addressed envelope to: Summer Workshop, Astronomical Society of the Pacific, 1290 24th Ave., San Francisco, CA 94122.

—K.L.C.