

Bush students study science at Kansas State by TELENET

Manhattan—Technology is both the medium and the message in a science course local students are participating in this fall. The course, entitled "Science and Recent Technology" is offered by Kansas State University through TELENET.

Local students who are participating in the course are: Frank Greathouse and Loren Jackson from Adak, Alaska; Thomas Bell, Brian DuFresne, Shawn Klawunder and Christopher Lott from Tok, Alaska; Jason Currier from Unalaska and Howard Amik from Kwigillingok, Alaska.

The course uses telephone conferencing to link students in eight towns in Kansas with a course coordinator on the K-State campus, nationally prominent speakers as far away as New Jersey and California, and other high school students in Alaska together.

The fall Science Honors program has been offered by the KSU Division of Continuing Education over TELENET for more than a decade, bringing speakers from all over the country into Kansas high schools. The Alaskan students joined the program this year through a special arrangement with the Alaska State Department of Education.

The course is focusing on the interrelationships between science and new technology addressing such topics as chemical technology in microelectronics, using electrolysis to study lunar rock, electron tunneling junctions, high speed measurement for individual cells in biomedical science, and recent advances in biotechnology.

Guest scientists included Graydon Larabee, electronics expert from Texas Instruments in Dallas; Larry Haskins, a planetary scientist from Washington University at St. Louis; Paul Hansma, University of California physicist from Santa Barbara; Joe Gray, Lawrence Livermore Laboratory in California; and Aaron Shatkin, a molecular biologist from Roche Institute in New Jersey.

The objectives of the program, Dean Zollman, K-State physicist and coordinator of the Science Honors program said, are to expose high school students to nationally prominent scholars and college level lectures, and **deepen students' understanding of the interrelationships that exist among scientific research and science and technology.**

Students participating in the course receive two hours of college credit.
