

A sunny day at the Cove



Elders of the Confederated Tribes, family members and friends gathered recently at the Cove Palisades State Park.

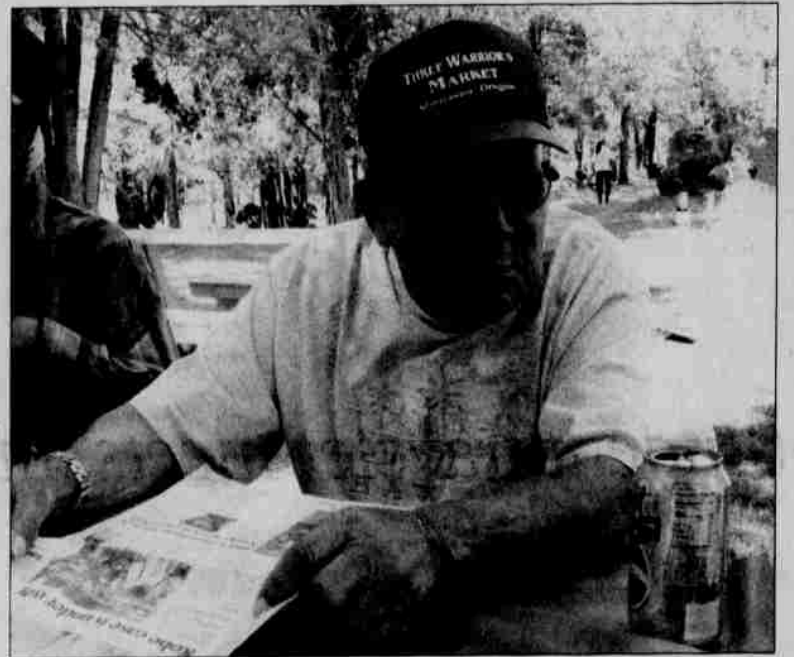
The event was the annual Seniors Picnic. This year the picnic included boat rides on Lake Billy Chinook.



Photos by Selena Boise



At top, Bertson Simtustus enjoys a boat ride on the lake, while Emerson Squiemphen manoeuvres the craft (photo above). At left, Floyd Gibson relaxes by the water. At right, Claude Smith Sr. reads the latest news.



Native American youth to focus on salmon recovery

The Salmon Camp Research Team is now funded to provide 54 Native American students the opportunity to learn science while helping bring about salmon recovery.

The research team is part of the Oregon Museum of Science and Industry (OMSI).

Through OMSI, the Salmon Camp Research Team was awarded a \$728,560 grant from the National Science Foundation.

The three-year grant will annually provide 54 students from western Native American tribes with the opportunity to work with northwest Native American scientists and resource managers.

The students will have the opportunity to spend up to four weeks and seven weekends at OMSI camps and other institutions.

The students will spend their time learning how to use such

equipment as data recorders, radio telemetry equipment, statistical software, global positioning systems and computer modeling software in fieldwork and lab settings.

The students will work directly with university, tribal and agency scientists, researchers and natural resource managers on computer modeling of complex ecological, hydrological and geological problems related to Northwest salmon recovery.

"This program can provide a direct line into college, internships, jobs and professional science careers," said OMSI president Nancy Stueber.

"Also, by connecting students with tribal leaders and researchers, OMSI is helping to combine the most advanced scientific technology with traditional ecological knowledge," said Stueber.

Using remote sensing (satellite and aerial) technologies in

conjunction with geographic information systems (GIS) technology, students and researchers will plan and implement several salmon habitat restoration projects.

Students will use hand-held computers in conjunction with GPS units to verify that data on habitats, landforms, cultural resources, geology, soils and surface water generated through remote sensing satellites is accurate on the ground.

Besides the grant from the National Science Foundation, the salmon camp is supported by the Oregon Department of Fish and Wildlife, and the Howard Vollum Scholarship Fund of the Oregon Community Foundation.

Native American community leaders, educators, parents and students interested in learning more about OMSI's salmon camp program can call (541) 548-5473.

Science is focus as students prepare for college

By Dave McMechan
Spilyay Tymoo

This summer for tribal member Christopher Wenzel has been out of this world.

His interest is astronomy, the study of stars, planets and outer space.

Because of this interest, Wenzel could not have asked for a better summertime experience.

He is among eight recent high school graduates working on science and engineering projects at the NASA Jet Propulsion Laboratory in Pasadena, Calif.

During the nine-week summer program, the students will visit astronomy landmarks such as the Palomar Observatory near San Diego, and the 70-meter antenna at Goldstone, one of the three complexes of the Deep Space Network.

The student program is called the Alliance for Learning and

Vision for Underrepresented Americans (ALVA).

The program is sponsored by the NASA Jet Propulsion Laboratory and the University of Washington.

In the fall Wenzel will be attending the University of Washington, to study and prepare for a career in the field that interests him the most. "I'm very proud of him," said his mother, Lois Wenzel.

The Wenzel family lives in Washington. Lois is originally from Warm Springs. Her parents are Pat Brown and Olson Meanus.

Real life experience

The ALVA program is the perfect way to prepare for upcoming school year.

Besides the inspiring tours of the telescopes and laboratories, the program provides the students with daily calculus workshops.

"The ALVA program serves

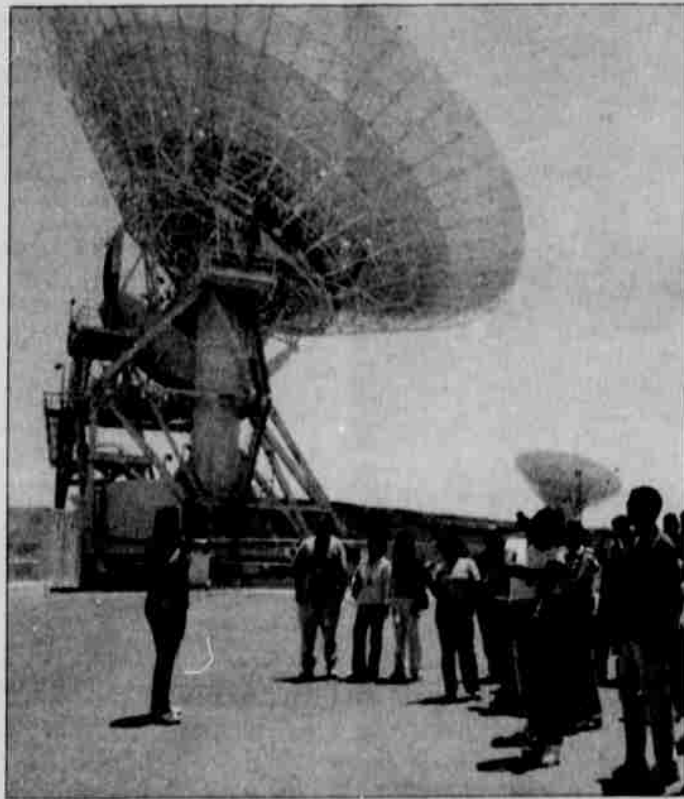


Photo courtesy of the ALVA program.

A tour of giant space antenna is part of the ALVA program.

as a bridge between high school and college," said Wendie Donahue, university liaison at

the Jet Propulsion Laboratory. "It gives the students a better taste of real life and work ex-

perience prior to college. It's good in that they are also able to see that work is really work — it's not as glorious as expected."

The program started nine years ago, and is geared toward underrepresented minorities in science, math, engineering and technology. The students are selected by the University of Washington and, once at Jet Propulsion Laboratory, are matched to projects and programs according to their interests.

At the end of the nine-week program, the students are required to do a 15-minute presentation about their experiences.

The laboratory

The Jet Propulsion Laboratory is managed by the California Institute of Technology. The laboratory is NASA's lead center for robotic exploration of the solar system.

The laboratory telescopes are observing distant galaxies in the

The laboratory cameras and sensors are currently aboard satellites circling the Earth.

universe to study how the solar system was formed.

The Jet Propulsion Laboratory also manages the worldwide Deep Space Network, which communicates with spacecraft and conducts scientific investigations from its complexes in California's Mojave Desert near Goldstone; near Madrid, Spain; and near Canberra, Australia.

The laboratory cameras and sensors are currently aboard satellites circling the Earth. They are studying the ozone, oceans and other Earth sciences. The laboratory's main site is at the foot of the San Gabriel Mountains near Pasadena, 12 miles northeast of Los Angeles.

(Information for this article was provided by Lois Wenzel and Enrico Piazza.)