



Nevada Site Office News

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High Schools to Compete in U. S. Department of Energy Nevada Regional Science Bowl

The 19th Annual Nevada Regional Science Bowl will take place January 29 and 30 at the Atomic Testing Museum and the University of Nevada, Las Vegas (UNLV). Thirty-two teams from Nevada, Arizona, California, and Utah will test their math and science knowledge during the competition hosted by the U.S. Department of Energy (DOE), National Nuclear Security Administration Nevada Site Office (NNSA/NSO).

The regional teams are competing along with more than 15,000 other high school students in 42 states plus Washington, D.C., Puerto Rico, and the U.S. Virgin Islands in what they hope will take them to the finals of the DOE's annual National Science Bowl[®], America's largest and most prestigious science competition for high school students in Washington, D.C. It is the only educational event and academic competition of its kind that is sponsored by a federal agency.

"The DOE Science Bowl is an important part of DOE's efforts to encourage America's young scholars to explore the fields of science and engineering," Dr. Patricia Dehmer, Deputy Director for Science Programs in DOE's Office of Science, said. "We hope that this activity will inspire a new generation of researchers in disciplines important to solving the energy and environmental issues facing our nation and the world."

High school teams are quizzed on all science disciplines, including astronomy, biology, chemistry, earth science, general science, mathematics, and physics. Each competition tests teams of students, utilizing a fast-paced question and answer format similar to the TV game show *Jeopardy*. The regional championship team will receive an all-expense-paid trip to the national finals in Washington, DC. Teams that advance to the double elimination rounds of that competition will earn a monetary prize for their school as well as trophies and other awards, including science trips for the high school teams.

The 13-round tournament will begin at 7:30 a.m. Saturday, in the UNLV Classroom Building Complex. After morning activities conclude, participants will break for lunch at 11:30 a.m. inside the Moyer Student Union. Special guests include Steven J. Lawrence, NNSA/NSO Deputy Manager and Michael J. Butchko, Chief Operating Officer for National Security Technologies, LLC, the management and operations contractor for the Nevada Test Site.

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Nathan Tannenbaum will serve as master of ceremonies and will moderate the final round of competition, which will begin at 4:45 p.m. The winning team will be determined by 6 p.m. More information about the Nevada Regional Science Bowl is available at: <http://www.nv.doe.gov/kidszone/sciencebowl/default.htm> and the DOE National Science Bowl® at: <http://nationalsciencebowl.energy.gov>.

This year's schools include:

Nevada:

Boulder City: Boulder City High School

Carson City: Carson High School

Elko: Elko High School

Fallon: Churchill County High School

Henderson: Green Valley High School (2 teams)

Las Vegas: Advanced Technologies Academy, Bonanza High School, Centennial High School, Cheyenne High School (2 teams), Clark High School (2 teams), Coronado High School, Faith Lutheran High School, Legacy High School, Palo Verde High School, Shadow Ridge High School, Sierra Vista High School, The Meadows School

Laughlin: Laughlin High School

Minden: Douglas High School

Pahrump: Pahrump Valley High School

Reno: Bishop Manogue High School, Coral Academy of Science, Earl Wooster High School, Reno High School

Sparks: Spanish Springs High School

Zyphyre Cove: Whittell High School

Arizona:

Buckeye: Verrado High School

California:

Big Pine: Big Pine High School

Utah:

Cedar City: Cedar City High School

Science Bowl sponsors include: U.S. Department of Energy National Nuclear Security Administration Nevada Site Office; National Security Technologies, LLC; Northrop Grumman, U.S. Department of the Interior; WSI, Nevada Team; OCRWM; Atomic Testing Museum; Desert Research Institute; Navarro Nevada Environmental Services; Navarro Research & Engineering; NV Energy and the University of Nevada, Las Vegas