



College of Agriculture, Biotechnology
and Natural Resources
University of Nevada, Reno
Nevada Agricultural Experiment Station

Quick Facts

Our students, researchers and graduates HELP...



... people



... animals



... and the outdoors

HISTORY

For more than 100 years, the College of Agriculture, Biotechnology and Natural Resources (CABNR) and the Nevada Agricultural Experiment Station (NAES) have delivered top-quality education and research as part of the University of Nevada's land-grant mission. The University was established under the Morrill Act and the Nevada State Constitution in 1874, making it the oldest higher educational institution in the state.

MISSION

The mission of the College of Agriculture, Biotechnology and Natural Resources is to enhance quality of life and economic vitality through the responsible use of plant, animal and other natural resources utilizing advances in biological technologies and the environmental sciences.

The mission of the Nevada Agricultural Experiment Station is to enhance agriculture, community and economic vitality in compliance with state and federal legislation by building and supporting research capacity to advance understanding of biological, environmental, natural resource and social systems.

FUNDING

CABNR, with over 100 full and part-time faculty and support personnel, is integrally connected to the Experiment Station and University of Nevada Cooperative Extension.

The total budget for CABNR base support for teaching, research and outreach / Extension for FY09 is ____. About 20% of CABNR faculty salaries come from University teaching funds. Extension funding constitutes about 5% of CABNR salaries. The remaining 75% of salaries are from base Experiment Station funds, which consist

AT A GLANCE ...

CABNR Student Enrollment	Fall 2009
Undergraduate students	929
Graduate students	150
Faculty & Staff	Fiscal Year 2009
Tenure Track/Tenured Faculty	69
Non-Tenure Track Faculty	20
Post-Doctoral Fellows	16
Classified Staff	40
Temporary Instructors/Researchers	27

of both federal formula funds (\$___) and state line item funds (\$___). Experiment Station funds allow CABNR to have diverse faculty expertise to offer a broad spectrum of courses and degree programs in many disciplines. In addition, Experiment Station-funded faculty in the College work on research projects supported by \$10 million of extramural funds that come from a variety of federal competitive granting agencies such as USDA, NIH, NSF, as well as from many government agencies and private organizations.

TEACHING AND RESEARCH PRIORITIES

Six areas guide research and education in the College and Experiment Station:

- Natural resource management in the Great Basin and Sierra Ecosystem
- Biotechnology and molecular biology
- Agricultural and horticultural production in a semi-arid environment
- Environmental sciences in a semi-arid environment
- Economic development with an emphasis on rural areas
- Human health and nutrition

STUDENTS

About 1,100 students are enrolled in the College. Students receive personalized academic advisement, work side-by-side with their professors on research and have the opportunity to join numerous clubs and organizations.

Our students are among the best and brightest at the University. Many students from our college have earned the University's highest student academic honor—the Herz Gold Medal.

OUR UNDERGRADUATE MAJORS

- Agricultural and Applied Economics
- Animal Biotechnology
- Animal Science
- Biochemistry and Molecular Biology
- Biotechnology (BS/MS)
- Ecohydrology
- Environmental Policy Analysis
- Environmental Science
- Forest and Rangeland Management

- Nutrition
- Pre-Veterinary Medicine
- Wildlife Ecology and Conservation

RESEARCH

Faculty conduct research in a broad range of academic disciplines, including:

- Human health and nutrition
- Fire ecology and habitat restoration
- Cattle and sheep production and animal health
- Forest and rangeland management
- Stem cell and gene therapy research
- Water resources and quality
- Wildlife and conservation biology
- Economic development
- Plant and animal biotechnology
- Environmental science

FACILITIES

The Experiment Station operates numerous off-campus research sites as an integral component of research, teaching and outreach programs. These include:

- Main Station Field Laboratory (Reno)
- Valley Road Field Laboratory – Greenhouse Complex, Vineyard/ Experimental Winery (Reno)
- Newlands Field Laboratory/Great Basin Plant Materials Center (Fallon)
- Gund Range Research Ranch (Beowawe)
- Jay Dow Sr. Wetlands (Herlong, Calif.)
- S-S Ranch (Wadsworth)



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