University consortium partners with Dallas/Fort Worth to install tornado radar

Midlothian, Texas, is the latest entity to install a short-range weather radar developed by CSU and its partners at the Collaborative Adaptive Sensing of the Atmosphere, a National Science Foundation engineering research center. The radar is the third unit added in the tornado-prone Dallas/Fort Worth area as part of collaboration between CASA and the North Central Texas Council of Governments. More CASA radars will be installed over the next year. V. “Chandra” Chandrasekar, pictured, is a CSU professor of electrical and computer engineering, and serves as a CASA deputy director who leads the development of the center’s radars.

CSU professor selected for prestigious automotive engineering fellowship

Designing and building a fuel cell plug-in hybrid electric vehicle that operates on compressed hydrogen gas and electricity (and no gasoline) is the challenge of the Advanced Vehicle Technology Competitions, also known as the EcoCAR 2 challenge. Thomas Bradley, a professor of mechanical engineering and adviser to CSU’s EcoCAR 2 team, was selected for a prestigious U.S. Department of Energy Applied Automotive Engineering Fellowship and received a $10,000 grant that can be used for CSU’s Vehicle Innovation Team.

CSU biologists studying food web to enhance Dillon Reservoir fishery

Arctic char, a species of trout, is thriving in Summit County, and may hold the key to turning Dillon Reservoir into an angler’s paradise. The Arctic char is the centerpiece to a multipronged research initiative led by Brett Johnson, a fisheries biology professor in CSU’s Warner College of Natural Resources. Johnson is developing bioenergetics models to improve the aquatic ecosystem production of Dillon Reservoir and enhance the lake as a fishing destination.

New 4-H scholarship honors Board chair

Dorothy Horrell, chair of the Colorado State University Board of Governors and retired president of the Bonfils-Stanton Foundation, has credited CSU and her early years in 4-H for giving her the foundation and fundamentals she has applied in her roles in leading Bonfils-Stanton, Red Rocks Community College, the Colorado Community College System, and other leadership positions. In her honor, the Bonfils-Stanton Foundation has established the Dorothy Horrell “Making the Best Better” Scholarship for Colorado 4-H participants seeking degrees from CSU’s College of Health and Human Sciences.

Students help scenic byway

CSU natural resource recreation and tourism students have helped make one of Colorado’s scenic byways a little easier to navigate. Students helped analyze the Cache la Poudre/North Park Scenic and Historic Byway between Fort Collins and Walden and recommended better signage, improved emergency communications, and a visitor center in Walden, among other things. CDOT included their information in its new Corridor Management Plan for the byway.

Research—and Results

Graduate-level engineering program in Denver’s South Metro region

The Colorado State University System announced a new educational partnership with CH2M HILL, a global leader in full-service engineering. CH2M HILL will host two graduate-level courses in a new systems engineering program offered by the CSU College of Engineering, as part of CSUS’s initiative to meet the learning needs of the South Metro Denver Area. Details are available at www.online.colostate.edu/certificates/systems-engineering.
Alaskan veterinarians, by way of CSU

University of Alaska Fairbanks will allow students from a subarctic home base to earn degrees from CSU’s renowned Professional Veterinary Medicine Program, part of the College of Veterinary Medicine and Biomedical Sciences, and the No. 3 vet school in the nation, under a new collaborative veterinary training program between the two universities.

Founders Day 2014 honors Sutherlands

CSU will honor the creation of the institution, the values that have sustained it, and its mission of service through teaching, research, and engagement at its annual Founders Day celebration Feb. 11. CSU Agricultural Sciences Professor Emeritus Tom Sutherland, who was held hostage in Lebanon for six years, and his wife, Jean, a longtime community leader, whose grace and courage inspired people worldwide, will receive this year’s Founders Day medal, which honors those who have had a significant and sustained impact on the growth and success of CSU and its land-grant mission.