

successes

Supercluster energy

The Colorado State University Clean Energy Supercluster, an institution-wide effort to develop market-driven, clean energy solutions to reduce greenhouse gases, received a top award in June from the United States Department of Agriculture. Colorado State was one of 13 universities to receive the Grand Challenge award, which recognizes the contributions of universities in the emerging bio-economy.

Top radar

A new antenna atop one of the nation's most advanced weather radars will now help scientists better detect major storms and precipitation, marking the first time the technology is used on a weather radar anywhere in the world. The CSU-CHILL National Weather Radar Facility, an advanced, transportable, dual-polarized S-band weather radar located in Greeley, Colo., has the capability to detect a single hail stone in the atmosphere more than 10 miles away. Dual polarization technology will be adopted as the new National Weather Service standard next year and deployed on the nation's 150 WSR-88D radars, used to warn the public about developing severe weather.

Runaway team, athlete, coach of year

The Colorado State women's team captured its first MWC Women's Outdoor Track and Field Championship in Fort Worth, Texas, in May. "I told the girls afterward, 'I don't know if you fully understand the importance of this. You've made history for Colorado State,'" said Head Coach Brian Bedard. The MWC named April Thomas – member of the Rams cross country and indoor and outdoor track and field and teams, recipient of the conference's 2007 individual cross country championship, and 4.0 student – its prestigious 2007-2008 Female Athlete of the Year. Bedard was named the regional outdoor track Coach of the Year for the Mountain Region by the United States Track & Field and Cross Country Coaches Association and also won the Mountain West Conference women's Coach of the Year.

appointments

Finance VP

Allison Dineen has been named Colorado State's vice president for finance. She will oversee the Department of Business and Financial Services, the

Office of Budgets, and the Department of Financial Systems Services. Dineen joined CSU in 1995 as the University tax manager and also has served as associate vice president for finance, director of business and financial services, controller, and associate controller. Dineen is a Certified Public Accountant and holds a bachelor's from San Jose State University and a master's in Business Administration from CSU.

service & selections

Weather watchers

Help is needed measuring rainfall across Colorado. CoCoRaHS – the Community Collaborative Rain, Hail and Snow Network – is celebrating 10 years of operation with a campaign to find 500 additional volunteers. More than 10,000 observers across 33 states measure rainfall in their own yards for the network. The rainfall observations are posted on the CoCoRaHS website, which is used by the National Weather Service, engineers, teachers, and scientists. "Our observations ... could even help save lives by giving forecasters advanced warnings of developing flash floods," says Henry Reges, CoCoRaHS national coordinator at CSU.

<http://www.cocorahs.org>.

China pet boom

In the wake of China's booming pet dog and cat population, Dr. Ross Palmer, an associate professor for small animal orthopedic surgery at the CSU Veterinary Teaching Hospital, traveled to Beijing to train the country's veterinarians. Palmer co-led an intensive workshop on orthopedic surgery. Nearly 60 veterinarians from China, Singapore, and Malaysia attended the workshops. The recent rise in pet ownership in China has created an increased demand for veterinarians to offer more advanced pet health care.

NCAA regional volleyball hosts

CSU was selected by the Division I Women's Volleyball Committee as one of four regional sites for the 2008 NCAA volleyball tournament. The regional will be held Dec. 12-13 in Moby Arena. CSU has gone to the NCAA tournament 13 consecutive years, the most successful postseason streak in the University's athletics history. The Volleyball Rams were 14-0 at home last season and enter 2008 156-21 in Moby.

research

Research powerhouse

Colorado State University and the University of Colorado – two of the nation's top cancer research centers – recently celebrated 20 years of collaboration. For two decades, scientists from CSU and CU have partnered on human and animal cancer research, resulting in better diagnoses, better treatments, and better monitoring of the disease. More than 70 researchers work with Colorado State's Cancer Supercluster, including those with the CSU Animal Cancer Center – the largest companion-animal cancer research center in the world. The University of Colorado Cancer Center, a consortium that includes Colorado State University, is the Rocky Mountain region's National Cancer Institute-designated comprehensive cancer center, one of just 40 in the United States.

Unwelcome pests

The emerald ash borer and gypsy moth could severely damage Colorado's forests – and ultimately the state's tourism and forest-product industries – experts say. The Colorado State Forest Service, the U.S. Department of Agriculture Animal Plant Health Inspection Services-Plant Protection and Quarantine, and the Colorado Department of Agriculture are implementing a statewide plan to monitor the non-native insects. Gypsy moths, whose larvae feed on the leaves of more than 200 species of trees, were detected in Colorado in 1984 and in 2004 but successfully eradicated. Emerald ash borers, which have killed millions of trees in the Great Lakes area, have not yet been detected in Colorado.

Open-door solution

Colorado State's electrical engineering program is working to help people with disabilities open doors using a wireless connection. A student team designed a low-cost, wireless electronic system capable of interfacing with the automatic push-button, handicapped-accessible doors currently in use. The CSU-designed unit detects when a wheelchair user decelerates toward a door and sends an "open" signal to the door-opening mechanism. The entire system was designed in two semesters for less than \$200, resulting in a working prototype currently installed and being tested on the CSU campus.



The Green University



green university DNC green

Colorado State will show the nation it is “The Green University” at the Democratic National Convention Aug. 25-28, in Denver. CSU’s Live Green Team, a committee of CSU faculty, staff, and students, will play a critical role in the DNC Committee’s recycling effort. The Live Green Team is recruiting 520 students, staff, faculty, alumni, and friends of CSU to volunteer with the DNCC’s Green Team Sorting Crew, which aims to recycle, reuse, or compost 85 percent of waste at the event. Recognized nationally for its success in recycling, CSU this year placed second in RecycleMania, a national recycling competition involving more than 400 colleges and universities. <http://www.livegreen.colostate.edu> ■

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