

## successes

### Top tier

*U.S. News and World Report* has ranked Colorado State University in the top tier of public and private doctoral universities, among the best in the nation, in its 2009 "America's Best Colleges" guide. Colorado State was ranked 63rd among public universities and 125th overall. Other Colorado universities ranked in the top tier include the Colorado School of Mines, the University of Colorado–Boulder, and the University of Denver. CSU also was recognized in the "Writing in the Disciplines" category as a university that makes writing a priority at all levels of instruction and across the curriculum.

### Expert engineering

The College of Engineering was ranked 35th among all public universities and 61st overall in the *U.S. News and World Report* 2009 edition of "America's Best Colleges." The college's Department of Atmospheric Science ranked second among the most productive atmospheric sciences and meteorology programs in the nation in the 2006–2007 Faculty Scholarly Productivity Index, produced by Academic Analytics with support from State University of New York–Stony Brook. In the same 2006–2007 index, the Department of Electrical and Computer Engineering ranked 10th in computer engineering.

### Saluki surgery

CSU veterinarians successfully implanted a prosthesis into a dog whose foot had been cut off, an experimental procedure that one day could benefit human amputees. The Saluki, the oldest known breed of domesticated dog, was found in 2007 severely injured and wandering alone in the Kuwait desert. She was rescued by volunteers, flown to Colorado, and examined at the Colorado State University Veterinary Teaching Hospital by orthopedic surgeon Dr. Erick Egger, who adopted her. The Saluki, named Sally, received a titanium metal implant directly into the end of the bone for attachment to an external limb. Post surgery, the bone and soft tissues are healing well, and Sally is walking on her leg again.

## appointments

### CSU Ventures chief

Ronald Marler is the new chief executive officer for CSU Ventures, a subsidiary corporation of the Colorado State University Research Foundation and

the business development engine for the University's Superclusters, which bring research discoveries to the global marketplace. Marler, a senior administrator at Mayo Clinic Arizona, chief scientific officer and board member of Bridge Laboratories, and board member of CSU Ventures, has more than 30 years of experience in pharmaceutical research and product development. Marler takes over for Mark Wdowik, who will launch a for-profit seed investment fund, which will invest in CSU start-ups.

## programs

### Next STEP

A CSU task force is developing a report recommending the creation of a new School of Teacher Education and Preparation, called STEP. The new school will work across college boundaries to increase the pipeline of teacher licensure candidates in science and mathematics and increase the variety of entry points for those who seek careers in the classroom.

### Systems engineering

CSU is offering new graduate coursework in systems engineering this fall to meet the growing demands of employers in the aerospace, energy, environment, and bioscience industries. Coursework is offered both on campus and online and will lead to a Master of Engineering degree or a systems engineering certificate. The master's degree will require 10 courses for 30 credits; the certificate program will require four courses for 12 credits. Ron Sega, Woodward Professor of Systems Engineering at Colorado State and former NASA astronaut, director of Defense Research and Engineering, and Under Secretary for the U.S. Air Force, is developing the CSU systems engineering program. Sega also serves as vice president for energy, the environment, and applied research for the Colorado State University Research Foundation.

### Forest restoration

The Colorado State Forest Service is accepting proposals for the Colorado Community Forest Restoration program through Oct. 10 for projects that protect critical water supplies and forest health, such as wildfire risk reduction, community protection, ecological restoration, and woody biomass utilization. Up to \$2 million in grant funds are available this year. Awards will be announced in early November. For more information access <http://csfs.colostate.edu>.

### Animal-care specialty

CSU and Front Range Community College received a \$260,000 grant from the Metro Denver WIRED (Workforce Innovation in Regional Economic Development) Initiative to train technicians to care for research animals. The program will offer a research animal specialty certificate and a two-year degree, one of only a few such animal-care specialties in the United States. Courses will be offered through CSU and FRCC. Colorado Animal Research Enterprises, High Quality Research LLC, National Jewish Hospital and Respiratory Center, Lamar Research Feedlot, and CSU's Agricultural Research, Development, and Education Center will offer internships for program participants.

## launching

### Carbon neutral

Colorado State University will work to achieve carbon neutrality by 2020, without relying on purchasing carbon credits from others, announced President Larry Edward Penley in September. The CSU plan will emphasize conservation in its first three years, resulting in cost savings that will be funneled back into new, renewable energy technologies.

### New Product Translation Center

CSU will establish the Regional Center for Product Translation to help local businesses develop medications, vaccines, and diagnostic tests and bring those inventions to market. The new center will be funded by a one-year, \$99,000 grant from the Metro Denver WIRED Initiative and provide regulatory education in addition to product-development support. Center partners include the Larimer Bioscience Initiative, the Colorado Bioscience Association, Amgen Corporation, AlloSource, Inviragen, Kelly Scientific Resources, and the Larimer County Workforce Center.

### Bark beetle mitigation

Mountain pine beetles have infested more than 1.5 million acres of lodgepole pine in Colorado, spreading at a speed that could kill a majority of the state's mature pine within the next 3–5 years. The Colorado Bark Beetle Mitigation Fund is accepting donations to remove dead and dying beetle-infested trees. For more information, visit the Colorado State Forest Service at [www.csfs.colostate.edu](http://www.csfs.colostate.edu).



## The Green University



### Green, greener, greenest

*Newsweek* has recognized Colorado State University as one of the nation’s greenest universities in its “Kaplan’s How to Get into College Guide.” The *Newsweek* article “Green, Greener, Greenest” quotes CSU President Larry Edward Penley and focuses on the University’s sustainability efforts. CSU has set a standard by implementing green campus operations, educating tomorrow’s green workforce, and deploying research through enterprise-based solutions. *Newsweek* also references CSU’s plans to build a 65-megawatt wind farm, which will provide more power than the University consumes, and Envirofit International, a CSU start-up that has created an efficient, clean-burning two-stroke engine that is now retrofitted on taxis in the Philippines.

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