

## launched STEPPing up

Colorado State University has launched a new school to better prepare teachers and principals for today's K-12 challenges. The School of Teacher Education and Principal Preparation, or STEPP, will streamline CSU's model educator-preparation programs and address the national shortage of teachers in science, technology, engineering, and math. STEPP will strengthen Colorado State's already strong programs in teacher licensure and principal preparation, says Donna Cooner, licensure program director. CSU's existing School of Education has long offered teacher-licensure preparation and will continue to provide advanced courses and programs, including master's and doctoral degrees.

## Optimal organizations

CSU's Division of Continuing Education is offering a new Master of Applied Industrial/Organizational Psychology and a Master of Organizational Performance and Change – an educational solution for tough economic times. The programs train working professionals to analyze and improve organizational efficiency and enhance worker performance. Offered entirely online, the programs enable students to pursue advanced education while maintaining responsibilities at home and work. Call (877) 491-4336 or access [www.learn.colostate.edu/online/online/online/](http://www.learn.colostate.edu/online/online/online/) for information.

## Serving social workers

Colorado State University is now offering a Master's of Social Work in Brighton, Colo., via distance education. Provided through CSU's Division of Continuing Education, the program is held at the Brighton Learning and Resource Campus, 1850 Egbert St. Colorado State's nationally-ranked program is designed for working professionals seeking a part-time program. Classes are held four weekends per semester – three weekends in Brighton and one weekend in Fort Collins – with additional instruction delivered online. Visit [www.learn.colostate.edu/degrees](http://www.learn.colostate.edu/degrees) or call (970) 491-5288 or (877) 491-4336 for more information.

## appointments Police chief

Wendy Rich-Goldschmidt is the new chief of the Colorado State University Police Department. Rich-Goldschmidt served as the chief of police at the University of Northern Colorado since 2003, beginning as a patrol officer in 1987, then working as a senior training officer in 1991. She is a graduate

of the FBI National Academy, the Aims Community College Police Academy, and the Daniels College of Business Public Safety Leadership Institute. Rich-Goldschmidt has a bachelor's and a master's degree, both from the University of Northern Colorado.

## Center director

Bruce Smith was named director of CSU's Black/African American Cultural Center, which promotes a diverse, inclusive campus environment and serves as a centralized campus and community resource. The center is committed to student support and retention, cultural awareness, outreach, and partnerships to sustain student success. Smith comes to CSU from the University of Arizona, where he served as director of African American Student Affairs. He holds a doctoral degree from University of California, Berkeley.

## programs Ram Response

Colorado State University Extension has centralized resources online to help Coloradans through the current economic downturn. Ram Response posts information and support services on a centralized website at <http://outreach.colostate.edu/ramresponse/index.asp>. The website provides a wide range of free articles as well as fee-based publications on saving money, investing, finding and keeping a job, interviewing, and educational opportunities, among many other topics.

## Laser science

Colorado middle school teachers, partnering with faculty and graduate students at Colorado State University, participated in a six-week summer Research Experience for Teachers program at the Engineering Research Center for Extreme Ultraviolet Science and Technology, a National Science Foundation center based at CSU. Teachers from CSU's Alliance program – a partnership among 10 Colorado high schools that prepares students for a college education – will bring cutting-edge science projects to advance science in their middle schools. Teachers receive a stipend, graduate credit, a science kit for students, and approximately \$3,000 for classroom materials.

## M.B.A. Russia

CSU's College of Business in July extended its Distance M.B.A. program to the government of the Republic of Tatarstan, one of the most economically developed regions of Russia. The college is offering the custom leadership-

focused M.B.A. to select government officials, which will combine the distance-based master's curriculum with several on-site specialized courses. On-campus classes are taped to DVDs and sent to Tatarstan the next morning.

## partnerships Earthquake shake

Midrise wood-frame buildings can be built to withstand major earthquakes, say CSU researchers. The scientists, in collaboration with structural-systems developer Simpson Strong-Tie and other industry partners, conducted the world's largest earthquake shake-table test in Miki City, Japan, on July 14. A seven-story tower – the largest wood-frame building ever built and tested – was subjected to a simulated 40-second, 7.5 magnitude earthquake. Test data will be used to change the permitted height of buildings in earthquake-prone areas and influence the design of new construction throughout the world. The seismic testing is the culmination of a four-year, \$1.4 million National Science Foundation grant.

## AgrAbility

The U.S. Department of Agriculture awarded Colorado State University a \$199,000 grant to help farmers and ranchers with disabilities. The USDA provided \$4.1 million to 22 states through the AgrAbility program to help individuals with disabilities overcome barriers to continuing their professions in agriculture. Land-grant universities partnering with nonprofit organizations to address the specialized needs of AgrAbility participants were eligible for the funds.

## Burning biomass

CSU has partnered with the Colorado State Forest Service to install a biomass boiler heating plant on the University's Foothills Campus to reduce greenhouse gas emissions and cut energy costs. The heating plant will burn wood chips rather than rely solely on natural gas to provide hot water for the Judson M. Harper Research Complex. Heating with wood chips costs about half the price of natural gas, resulting in a savings of nearly \$60,000 in utility costs annually at CSU. Biomass energy produces 96 percent fewer emissions than natural forest fires and 97 percent fewer emissions than prescribed burning.



## The Green University



### *sustainable start-up* **Sustainable start-up**

Envirofit International, a CSU start-up that uses technology to solve global health and environmental problems, is introducing its new line of clean cookstoves to the developing world. The stoves provide an alternative to traditional cooking fires, whose indoor air pollution kills 1.6 million people every year. Working with the CSU Engines and Energy Conversion Laboratory and the Oak Ridge National Laboratory, Envirofit researchers developed the EnviroFlame Combustion System, a design that reduces smoke and toxic emissions by up to 80 percent and fuel use by up to 60 percent. Envirofit is also launching the Envirofit Cooking System, which provides accessories that accommodate varied cooking methods around the world. Since unveiling its first line of clean cookstoves in May 2008, Envirofit has sold more than 60,000 units in India. Over the next five years, those cookstoves could keep more than 400,000 tons of CO<sub>2</sub> and 85,000 kg of black carbon from entering the atmosphere, while providing cost savings for some of India's lowest-income consumers.

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