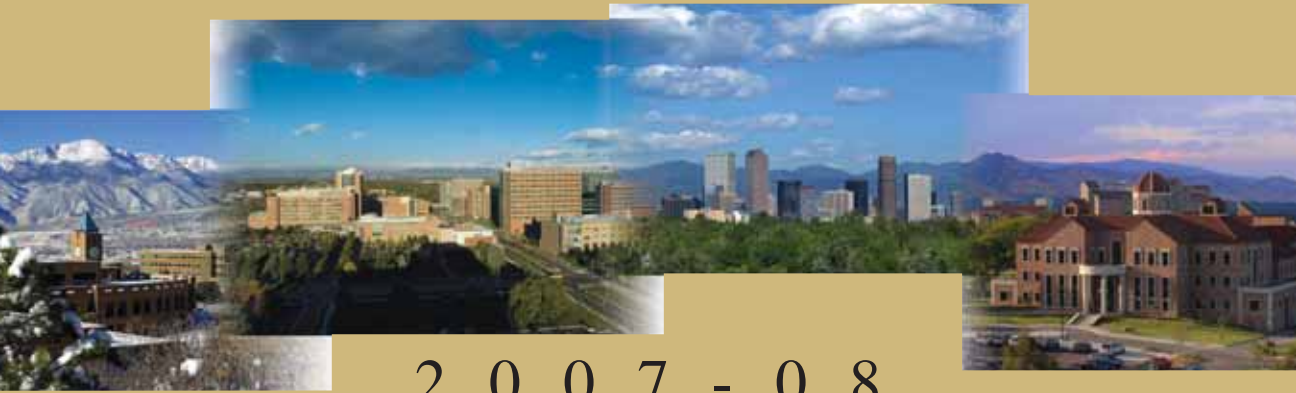


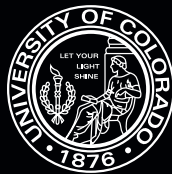
E C O N O M I C  
I M P A C T



# colorado contributions

The  
University  
of  
Colorado

*Boulder • Colorado Springs • Denver*



C O N T R I B U T I N G

# a healthy economy

CU contributes **\$4.7 billion** to Colorado's economy through its demand for goods and services. Some \$3.7 billion of that is generated by direct expenditures including payroll, construction and technology. CU's 55,000 students and the out-of-state visitors who come to see them generate another \$1 billion on meals, rent, entertainment, clothing and utilities.



For every \$1 of unrestricted state general fund support, CU returns \$26.50 to the Colorado economy.

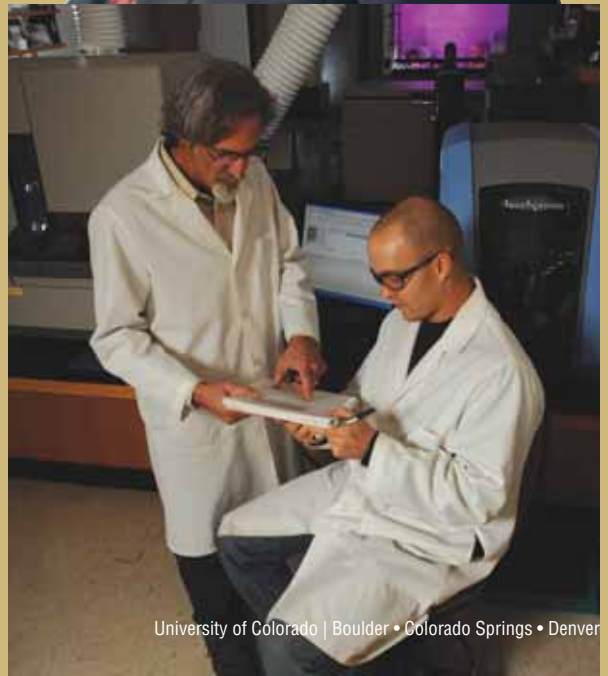


T O

CU, Colorado's fourth-largest employer, is responsible for nearly 40,000 jobs in our state. The university employs some 24,000 computer technicians, professors, landscapers, physicians, administrative assistants and others. It creates additional jobs by its demand for construction, goods and services, and manufacturing.

C O N T R I B U T I N G  
**jobs**

CU's 24,000 employees  
contributed \$34.2 million  
in state payroll taxes.



C O N T R I B U T I N G T O

# a knowledge-based economy

People with a bachelor's degree will earn an estimated \$1.1 million more over their working life than people with only a high school education. Those with a master's degree will earn \$1.5 million more. A doctorate is worth \$2.5 million more and a professional degree is worth \$3.8 million.



CU is the leader in providing the work force for the state's knowledge-based economy. Among Colorado's four-year public institutions, CU confers 42 percent of all bachelor's degrees, 60 percent of all master's degrees, 57 percent of all doctorates, and 82 percent of all first professional degrees. Overall, CU was responsible for 47 percent of those degrees.





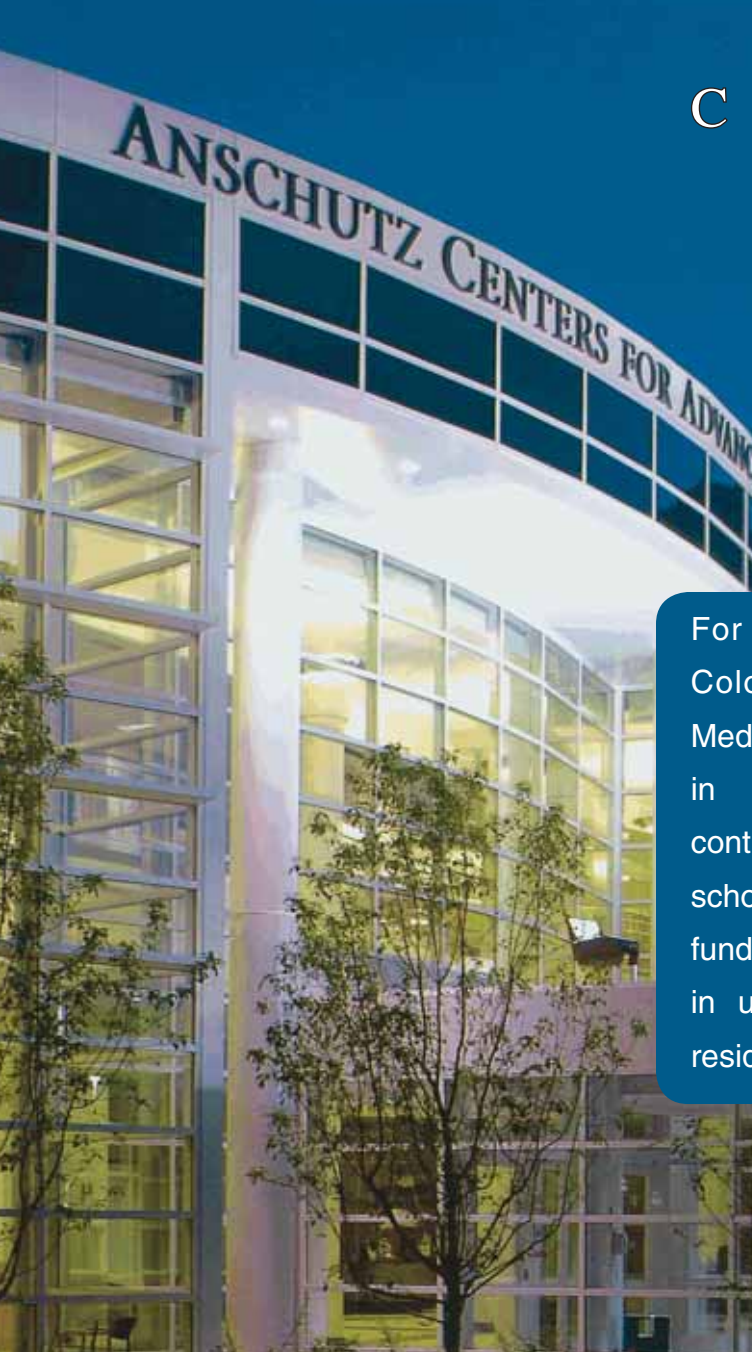
Over just the past five years, 44 new companies, from biotech to renewable energy, have been formed based on CU technologies. All but four still operate; of those, all but four are either based in Colorado or have significant Colorado operations. Revenue attributed to technology transfer activities rose from \$2.1 million in FY 2002–03 to \$24 million in FY 2006–07. During that time, cumulative revenue—created primarily from royalty based on sales of products protected by CU patents but also including legal settlements—was \$113.5 million. CU is among the top 10 universities nationally in the number of companies created.

# C O N T R I B U T I N G companies



Gilead Sciences Inc., a biopharmaceutical company that discovers, develops, manufactures and commercializes therapies for viral diseases, infectious diseases and cancer, bought CU startup Myogen Inc. for \$2.5 billion. Myogen was merged into Gilead and some operations were retained in Colorado.

C O N T R I B



For every dollar the state of Colorado provides, the School of Medicine generates more than \$52 in clinical revenues, grants and contracts and other revenues. The school received some \$12 million in state funding this year and provided \$26 million in uncompensated care for Colorado residents.



C O N T R I B U T I N G

# research dollars



CU researchers attracted some \$637 million in research funding, most from the federal government, to Colorado last year. They explore and innovate in a variety of areas, from creating renewable energy solutions to developing drugs for heart disease to unlocking the mysteries of cancer cells.

U T I N G T O

# health

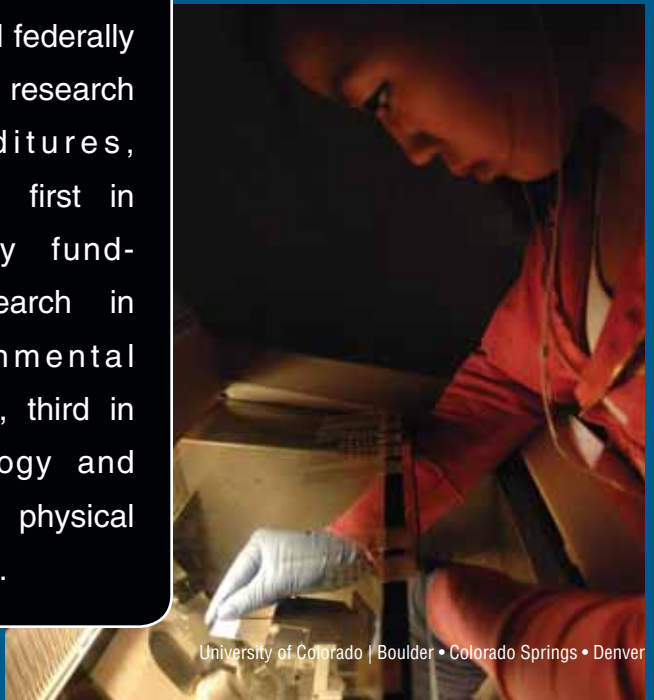
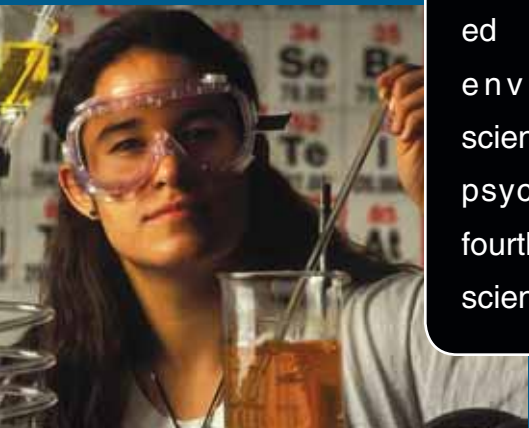
# care

The University of Colorado Denver is the only place in the state to prepare physicians, dentists and pharmacists. Physical therapists, medical technicians, dental hygienists and other medical professionals are also trained at UC Denver's Anschutz Medical Campus in Aurora. It joins the Beth-El College of Nursing and Health Sciences at the University of Colorado at Colorado Springs as a leader in preparation of nurses. Last year, CU produced 137 medical doctors, 59 dentists, 157 pharmacists and 474 nurses.



CU's campuses combined ranked seventh nationally in overall federally financed research expenditures, including first in federally funded research in environmental sciences, third in psychology and fourth in physical sciences.

# lars





C O N T R I B U T I N G T O

# quality of life



CU faculty, staff and students direct hundreds of projects, workshops, classes and events ranging from faculty music recitals to student art classes. Tens of thousands attend cultural events at CU's three campuses, including the renowned Colorado Shakespeare Festival, Starz Film Festival, Conference on World Affairs, and Theatreworks. CU athletics draws more than a half-million visitors a year, with some 450,000 attending Buffalo home events in Boulder and several thousand more watching the University of Colorado at Colorado Springs Mountain Lions.

Boulder is one of three colleges in the nation to receive this year's Presidential Award for General Community Service. The campus was cited from among 530 nationwide because some 13,400 of its students are involved in some form of community service.





C O N T R I B U T I N G T O



# renewable energy development

F O R A C L E A N E R W O R L D

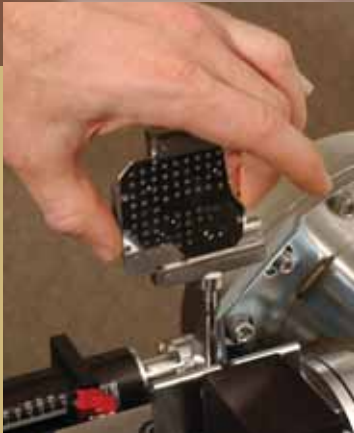
Colorado is fast becoming a national hub for renewable energy development, and CU researchers are on the leading edge of efforts to lessen our nation's dependence on foreign oil and reduce greenhouse gas emissions linked to global climate change. They are developing more efficient biofuels to replace dwindling fossil fuel resources and exploring next-generation solar and wind energy technologies.

In February 2008, CU-Boulder signed an unprecedented agreement that will further promote Colorado as a national economic and intellectual leader of renewable energy and other sustainable development. The campus joined the National Renewable Energy Laboratory, Colorado School of Mines and Colorado State University to establish the Colorado Renewable Energy Collaboratory.

The innovative partnership will pool resources and forge new alliances with the business community – helping to create a stronger, more diverse economy and a cleaner and safer environment for Coloradans. An offshoot of the collaboratory is the Colorado Center for Biorefining and Biofuels, or C2B2.

C O N T R I B U T I N G T O

# health and biotechnology



Colorado's biotechnology sector is burgeoning, and CU plays a major role in its development. This dynamic, interdisciplinary field relies on the expertise and collaboration of biologists, chemists, biochemists, medical doctors, engineers and others striving to solve age-old and emerging human health challenges.

CU researchers from the Boulder and Denver campuses are collaborating on biomedical solutions, including engineered tissues to restore aging and ailing human joints and new diagnostic tools that will enable doctors to screen patients for diseases or test responses to new drugs.

Colorado leaders believe a planned \$115 million biotechnology center in Boulder and collaboration among CU researchers and the university's business and academic partners will help solidify the state's biotech sector. Gov. Bill Ritter has established a fund of at least \$3.5 million to take university discoveries to market. Colorado biotech companies founded on CU discoveries include Amgen, the creator of therapeutic treatments for arthritis and other diseases, and Myogen, the creator of medications for cardiovascular disease.

C O N T R I B U T I N G T O

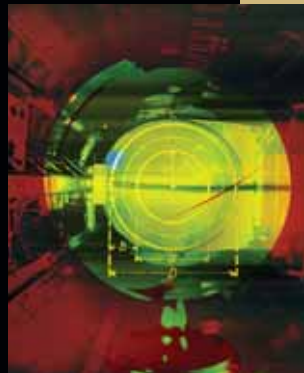
# colorado's booming aerospace industry



CU has one of the oldest and most prestigious space programs in the nation and is contributing to the state's booming aerospace industry. The university's space program began with the launching of sounding rockets in the 1940s and '50s. CU proudly claims 18 alumni astronauts who have served on 40 space missions spanning the entire manned

space flight program, from the 1960s Mercury program to today's space shuttle missions. Excluding military academies, CU-Boulder ranks among the top five U.S. universities in the number of astronaut alumni. The campus also is among the top universities receiving annual funding from NASA. Some 200 researchers and doctoral and postdoctoral students are involved in space research on the campus, and scores of undergraduate students help design, build and launch spacecraft.

CU-Boulder is the only research institution in the world to design and build NASA space instruments that have launched to every planet in the solar system. Other feats include the Laboratory for Atmospheric and Space Physics' nine scientific space instruments. The lab developed an \$8.7 million spectrometer traveling to Mercury aboard NASA's Messenger mission and a student-built dust counter aboard a spacecraft bound for Pluto.



Additional detail and data sources available at [www.cu.edu/impact2007](http://www.cu.edu/impact2007)

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