# **Economic Contributions**

**University of Colorado Denver I Anschutz Medical Campus** 



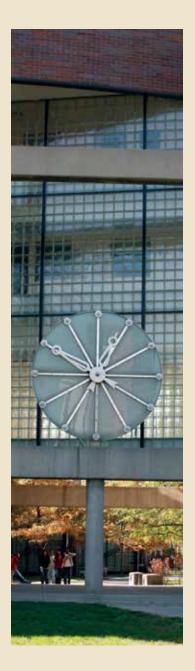
FY 2013 | JUNE 2014



University of Colorado Denver | Anschutz Medical Campus



University of Colorado Denver | Anschutz Medical Campus



The University of Colorado Denver | Anschutz Medical Campus is an economic engine supporting the state of Colorado with thousands of jobs, millions of dollars in pay and billions of dollars in spending. Moreover, and just as important, CU Denver | Anschutz provides an educated and skilled workforce, supports a clinical care infrastructure, connects research to innovation and engages local communities. The university's two campuses, CU Denver in downtown Denver and CU Anschutz on the Anschutz Medical Campus in Aurora, fulfill a mission to:

- Prepare students to succeed in careers and become lifelong learners
- Promote discovery and innovation with cutting-edge research, demonstration projects and technology development
- Partner with communities and schools with public service, professional development and advocacy initiatives
- Provide comprehensive and state-of-the-art health care and wellness services through new therapies, medical technologies, clinical trials and preventative care strategies

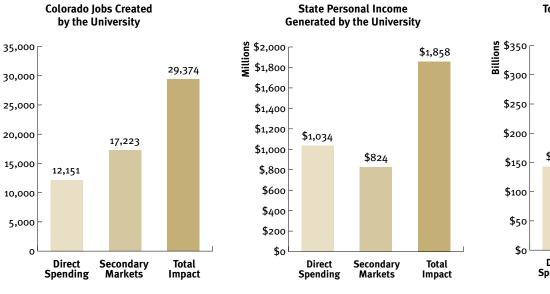
With over 135 degree programs in 13 schools and colleges and home to nearly 100 centers and institutes, the university extends the reach of instruction, public service, and research to the Colorado community and beyond.

### University Economic Contributions

CU Denver I Anschutz jobs, payroll and spending circulate through the state economy, creating thousands more jobs, millions of dollars more in payroll and billions of dollars more in spending. The university's economic contributions include support for private sector businesses through large-scale development and construction projects, and tax revenue collections for the public sector. For the fiscal year ending June 30, 2013, the university economic impact highlights include:

- A contribution of \$3.33 billion to the Colorado economy from \$1.43 billion in direct spending on payroll, goods and services plus another \$1.90 billion of indirect impacts in secondary markets
- A total employment impact of 29,374 jobs in Colorado, including 12,151 university faculty, residents, staff, and student workers, plus an indirect support of another 17,223 jobs in secondary markets
- Total personal income of \$1.858 billion in the state, including \$1.034 billion from university payroll and another \$824 million in wages and salaries from secondary markets; due to the concentration of direct jobs in health care and higher education, the average income for all jobs supported exceeded \$63,000
- \$185 million in economic impact from large-scale construction projects at both campuses
- > \$76 million in state sales and income tax revenue generated from spending and payroll





#### Total Economic Impact from the University



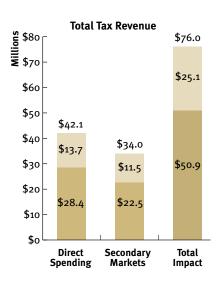
### University Economic Contributions (continued)

The university was directly responsible for an estimated \$42 million in combined state sales and income tax from CU Denver | Anschutz payroll and student spending.

**Multiplier Range Economic Impact Range** Direct Impact High High Low Low Jobs 12,151 25,588 29,374 2.11 2.42 \$1,033,938,200 Pavroll \$1,653,132,400 \$1,858,222,100 1.60 1.80 \$1,426,833,800 Expenses \$2,691,230,700 \$3,327,208,400 1.89 2.33

### Tax Revenue

As university jobs, pay and spending create additional jobs, pay and spending in secondary Colorado markets, the state collects additional tax from earnings and sales from these indirect impacts. The university was directly responsible for an estimated \$42 million in combined state sales and income tax from CU Denver | Anschutz payroll and student spending. Including secondary markets, the state gained up to \$76 million in sales and income tax from university economic impacts. Compared with the state appropriated operating resources of \$86 million in FY 2012-13, Colorado received 89 percent of its appropriation back through income and sales tax revenue from direct and indirect earnings and spending.



#### Tax Revenue Generated by CU Denver | Anschutz

	Direct	Low Impact	High Impact
Individual Income Tax			
Direct by Employees	\$28,430,900		
Secondary Markets		\$16,878,600	\$22,474,700
Subtotal State Income Tax		\$45,309,500	\$50,905,600
Sales Tax			
Direct by Employees and Students	\$13,676,800		
Secondary Markets		\$7,892,700	\$11,450,300
Subtotal State Sales Tax		\$21,569,500	\$25,127,100
Total State Tax Revenue	\$42,107,700	\$66,879,000	\$76,032,700

### CU Denver | Anschutz Economic Impact of Jobs, Payroll, and Spending

### University Revenue

The university revenue picture illustrates the diverse set of resources required to successfully operate a public research university combining a downtown urban campus and an academic health center. These funds include health service clinical revenue, governmental and nongovernmental grants and contracts, and philanthropic gifts, among others. With annual revenues approaching \$1.5 billion, CU Denver | Anschutz is clearly a major economic enterprise in the state. State appropriated resources provided \$86 million in operating funds, or 5.8 percent of all revenue, in FY 2012-13. For every \$1 in state appropriated operating funds, the university received another \$16 from other sources.

Colorado recently ranked 48th among all states in higher education funding per capita.<sup>1</sup> But despite the small percentage of state funds relative to total operating revenue, state funding represents the financial foundation of the university. It is critical for facility construction and academic support. The state also supports student financial aid (\$7.3 million in FY 2012-13 was recognized in net student tuition)<sup>2</sup> to help keep tuition affordable for Colorado residents.

#### CU Denver | Anschutz FY 2012-13 Revenue<sup>3</sup>

	Amount	Percent
Non-State Appropriated Resources	\$1,404,484,342	94.2%
Health Service Clinical Revenue	\$561,249,358	37.7%
Governmental Grants and Contracts	\$335,849,239	22.5%
Student Tuition and Fees, including Scholarships	\$193,243,556	13.0%
Sales of Educational Services	\$128,150,197	8.6%
Nongovernmental Grants & Contracts	\$73,085,217	4.9%
Gifts and Bequests	\$45,322,814	3.0%
Other Revenue	\$40,232,027	2.7%
Auxiliary Enterprises	\$16,761,681	1.1%
Investment Income	\$10,590,252	0.7%
State Appropriated Resources	\$85,911,579	5.8%
State Appropriations from Tobacco Settlement	\$14,171,456	1.0%
State Fee-for-Service Contracts	\$59,052,714	4.0%
State College Opportunity Fund Stipend	\$12,687,409	0.8%
Total Revenue	\$1,490,395,921	100.0%



 With annual revenues approaching \$1.5
billion, CU Denver | Anschutz is clearly a major economic enterprise in the state.

### Ranking University Revenue and Jobs



To indicate the scale of CU Denver I Anschutz operations, the table below lists the ranking of public companies based in Colorado based on 2012 sales. Compared to publicly traded companies based in Colorado, CU Denver | Anschutz operating revenue would rank among the top 25 in sales.

#### Revenue Comparison to Colorado Public Companies<sup>4</sup>

Rank	Name	2012 Sales (\$ millions)
21	IHS Inc.	\$1,529.87
22	SM Energy Co.	\$1,505.10
	CU Denver   Anschutz	\$1,490.36
23	TW Telecom Inc.	\$1,470.26
24	MarkWest Energy Partners LP	\$1,451.77
25	MDC Holdings Inc.	\$1,203.02

As of June 2013, the university employed 12,151 individuals including faculty, staff and research assistants, medical residents, student workers and administrative staff at University Physicians Incorporated. This employment would rank the university third among private sector employers in Colorado. Among public sector employers in the state, the university ranks in the top five. Including the university and its affiliated hospitals on the Anschutz Medical Campus, the total direct employment was 18,949 as of June 2013, placing it second and third among private sector and public sector employers, respectively.

#### **Employment compared to Private Sector Employers<sup>5</sup>**

Rank	Private Sector Company	Product/Service	Colorado Employees
1	Wal-Mart Stores	Retail	24,869
2	Centura Health	Health care	15,800
	CU Denver   Anschutz		12,151
3	Xcel Energy	Energy utility	11,942
4	HCA HealthONE	Health care	10,200
5	Safeway	Grocery	8,869
6	SCL Health System	Health care	8,868

#### Employment compared to Public Sector Employers<sup>6</sup>

Rank	Public Sector Employer	Colorado Employees
1	U.S. Government	40,213
2	State of Colorado	33,000
3	University of Colorado System	17,356
4	Denver Public Schools	14,489
	CU Denver   Anschutz	12,151
5	Jefferson County Public Schools	12,000
6	City & County of Denver	10,890

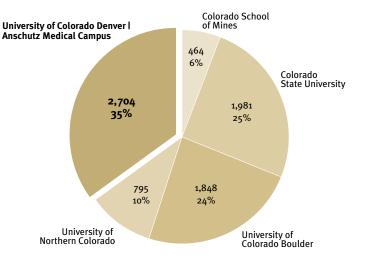
### Preparing Students for the Workforce

CU Denver I Anschutz prepares students for careers requiring undergraduate and advanced degrees. The university educates nearly 18,000 students: over 14,000 students seeking undergraduate, masters, or doctoral degrees at CU Denver and more than 3,500 students in research and advanced health care programs at CU Anschutz. In FY 2012-13, the university conferred 4,888 degrees, a 24 percent increase over five years earlier.<sup>7</sup> The university confers more post-baccalaureate degrees than any other public research institution in Colorado.<sup>8</sup>

#### CU Denver | Anschutz Degrees Awarded, FY 2007-08 to FY 2012-13

	Bachelor's	Master's and Specialists	Doctoral	Professional	Total
FY 2007-08	1,718	1,691	98	440	3,947
FY 2008-09	1,743	1,763	95	423	4,024
FY 2009-10	1,854	1,796	94	456	4,200
FY 2010-11	2,034	2,016	93	447	4,590
FY 2011-12	1,948	2,064	107	529	4,648
FY 2012-13	2,184	2,033	122	549	4,888
Percent growth	27%	20%	24%	25%	24%

#### Post-Baccalaureate Degrees Awarded by Colorado Public Research Institutions, FY 2012-13





## Supporting Workforce Demand with Higher Salaries



The university helps meet the growing demand for specialized occupations in Colorado and beyond. Below are the occupational projections aligned with university academic programs. Nearly 7,000 new jobs a year are projected in occupations requiring specialized advanced degrees or licenses.<sup>9</sup> CU Denver | Anschutz helps meet these workforce needs. While many university graduates go on to careers in other states, most remain here. Of the 111,000 reported alumni with known addresses, two-thirds reside in Colorado.<sup>10</sup>

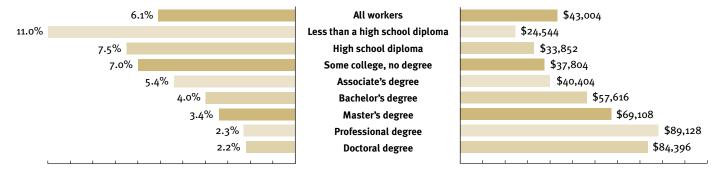
#### Colorado Occupational Employment Projections, 2012 – 2022

Occupation	2012 Estimated Employment	2022 Projected Employment	Percent Change	Annual Job Growth
Architects/Urban Planners	4,894	6,225	27.2%	134
Art and Design/Performance Arts	5,299	5,960	12.5%	66
Dentists	2,683	3,103	15.7%	42
Engineers	36,979	46,979	27.0%	1,000
Financial/Accounting Specialists	60,488	77,803	28.6%	1,732
Medical Science Professionals	764	1,111	45.4%	35
Nurses	51,119	67,268	31.6%	1,615
Pharmacists	4,496	5,738	27.6%	124
Physical/Biological Scientists	8,783	9,542	8.6%	79
Physical Therapists	4,161	5,782	39.0%	162
Physician Assistants	1,909	2,477	29.8%	57
Physicians and Specialists	9,930	12,321	24.1%	239
Social Scientists	5,427	6,722	23.9%	129
School Teachers (K-12)	68,513	83,286	21.6%	1,477
Total, Selected Occupations	265,445	334,317	25.9%	6,891

#### **Higher Education Means Higher Earnings**

Acquiring a college degree or an advanced degree leads to improved employment prospects and higher salaries. Those with bachelor's degrees have a lower unemployment rate and earn a salary 34 percent higher than all workers. Those with master's, professional or doctoral degrees see unemployment rates much lower than the general population while annual salaries are 60 percent to double the salary of the average full-time worker. Because the university is responsible for producing more advanced degrees than any public institution of higher education in the state and because advanced degree earners have higher average salaries, CU Denver | Anschutz graduates contribute more to the Colorado economy relative to other institutions of higher education. The chart on the next page shows the national unemployment rates and estimated annual earnings by educational attainment.<sup>11</sup>

### Research and Innovation



#### Unemployment Rate and Average Annual Earnings by Educational Attainment, 2013

A 2013 report tracked Colorado first-year earnings associated with university graduates. A sample of five years of recent graduates from CU Denver | Anschutz indicated a median first-year salary of \$43,804 for those with a bachelor's degree, a median first-year of \$55,605 for those with a master's degree and a median first-year of \$85,772 for those with a doctoral or professional degree. CU Denver | Anschutz ranked third among Colorado institutions of higher education in median first-year earnings of bachelor's degree graduates.<sup>12</sup> While not as high as the national average salary figures, the CU Denver | Anschutz median figures are more representative of what recent graduates are likely to earn. These salary figures are notable considering they represent early entrants in their careers.

#### A Research Enterprise with Significant Impacts

CU Denver | Anschutz was awarded \$411 million in sponsored research projects in FY 2012-13, breaking ground in a range of areas, from expanding clinical trials to disease prevention, veterans training and teacher preparation support. The university research enterprise has been successful in bringing significant federal investment to the state. Over the last five years, the university was granted \$2.05 billion in research awards, with over \$1.27 billion or 62 percent from federal sources.<sup>13</sup> Much of this research translated to innovations and discoveries creating impacts beyond the laboratory. In FY 2012-13, university research produced 214 patent applications, 17 granted patents and 126 disclosed inventions. Moreover, four start-up companies were formed utilizing university intellectual property.<sup>14</sup>

#### CU Denver | Anschutz History of Research Grant Awards (\$ millions)

	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	Five year Total
Federal	\$219.4	\$275.5	\$263.1	\$269.0	\$244.4	\$1,271.4
Nonfederal	\$145.7	\$145.9	\$158.8	\$165.1	\$166.5	\$782.0
Total	\$365.1	\$421.4	\$421.9	\$434.1	\$410.9	\$2,053.4

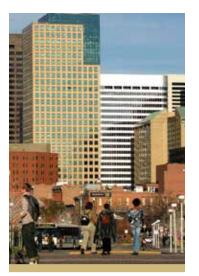
CU Denver | Anschutz ranked third among Colorado institutions of higher education in median first-year earnings of bachelor's degree graduates.

### CU Denver in the Community

#### Service Learning Opportunities

University of Colorado Denver schools and colleges offer a broad array of initiatives that amplify the university economic contributions. These programs enrich the health and overall quality of life for Colorado residents and beyond. While the economic impact of these activities is incorporated in the payroll and operating expenditures, it is important to recognize the campus contribution of experiential learning opportunities, community service and issue advocacy.

- The Urban Citizen Program in the College of Liberal Arts and Sciences connects students with Denver service-learning projects focused on challenging social issues such as poverty, housing, education, crime, and immigration. On average, students offer 600-800 hours of community service a semester to community non-profit organizations. Partners have included the African Community Center, Art Reach, Student/Farmworker Alliance, and the Women's Global Empowerment Fund.
- More than 150 graduate students from the School of Public Affairs complete Capstone Projects each year. Collectively they contribute more than 15,000 hours to public and nonprofit clients as they enhance and demonstrate their knowledge and skills. Recent projects have included an examination of citizen satisfaction with the Jefferson County Sheriff's office, an evaluation of the School Finance Partnership for the Colorado Children's Campaign, a study of sustainable development in Denver's District 8, and a review of environmental mitigation compliance for the U.S. Bureau of Reclamation.
- The School of Education and Human Development's Professional Development Schools program is recognized for having one of the most innovative, collaborative teacher preparation models in the nation. Top faculty work side by side with experienced K-12 partner educators to prepare prospective teachers to have a profound impact on the lives of students in Colorado's urban and diverse schools. Students "live the life of a teacher" from day one and enter their first year of teaching with the knowledge, skills, and confidence of second or third year teachers.
- The Bridge Repair Partnership between the College of Engineering and Applied Sciences and the City of Denver offers students the opportunity to participate in bridge repair projects while Denver benefits from sound engineering. Since 1997, the partnership has inspected every one of Denver's 600 bridges either annually or biannually, looking for any kind of change that could affect public safety.
- The Learning Landscapes Program in the College of Architecture and Planning has collaborated with Denver Public Schools to design active play areas with the goal of increasing physical activity at schools across the district. Since 1998 the program has transformed 96 neglected public elementary school yards into attractive and safe multi-use parks tailored to the needs of their communities.



#### **Supporting Access to Higher Education**

CU Denver provides several unique academic outreach programs to prepare first-generation college-bound students for higher education. The goals of these programs are to provide educational access, early outreach, academic guidance, retention and, ultimately, graduation from an institution of higher education. Below are a few examples of these programs.

- Pre-collegiate programs for middle school and high school students, with a particular high school program focused on health careers, prepare students to obtain their college degrees. These enrichment programs are designed to engage first-generation college-bound students in grades 7 through 12 to complete their secondary school career in a timely fashion with the necessary skills to successfully enter and graduate from the college or university of their choice. During the academic year, students are provided with relevant Saturday Academies in areas such as: the College Access Process, Basic Study Skills Mastery, Career Exploration and Student Communication Workshops. During the summer, students are provided with either a two-week (sophomores) or five-week (juniors) intensive Summer Academic Program.
- The CU Succeed program promotes collaborative partnerships between high schools and CU Denver, emphasizing mutual learning and professional development. The CU Succeed Silver and Gold programs offer juniors and seniors throughout high schools in Colorado the opportunity to enhance their academic skills while experiencing the rigor of college course work at their high school campuses. CU Denver departments approve qualified instructors to teach university credit courses from a variety of disciplines. Each year, the program serves more than 4,000 students in over ninety high schools and forty-three school districts throughout Colorado.
- The BA/BS-MD Program is an eight-year combined degree program that offers Colorado students who are underrepresented in medicine admission to the CU School of Medicine after they complete a bachelor's degree at CU Denver and achieve specific program benchmarks. The program provides academic, financial and social support services to its students and delivers a wide variety of co-curricular activities. The program is partially funded by the Colorado Health Foundation.



 Each year, the CU Succeed program serves more than
4,000 students in over 90 high schools and 43 school districts in Colorado.

### CU Anschutz in the Community

#### Partnerships to Expand and Improve Health Care Access

The University of Colorado School of Medicine supports about 2,000 faculty who provide care to patients at the two primary teaching hospitals on campus – the University of Colorado Hospital and Children's Hospital Colorado. Patients come from every county in Colorado to seek the specialty care provided on the Anschutz Medical Campus. Both hospitals are nationally recognized as providing high quality of care, and are consistently ranked strongly among hospitals in Colorado. CU School of Medicine faculty also provide clinical services at Denver Health, the VA hospital and National Jewish Health. In addition, the School of Dental Medicine provides dental care services to the community, accommodating more than 70,000 patient visits in 2012-13.

Nevertheless, CU Anschutz health professional programs face constraints to expansion due to the difficulty of securing experienced faculty and clinical rotations and placements as well as qualified preceptors (physicians to train medical students and nurses to train nursing students). Despite these constraints the CU School of Medicine will expand its MD program to Colorado Springs in 2015 through partnerships with the University of Colorado Health System that now includes Memorial Hospital in Colorado Springs and Poudre Valley Hospital in Fort Collins. These sites will allow campus programs to expand and keep up with the growing clinical care needs of the state. Below are examples of other campus programs that improve health care access.



- The School of Medicine, College of Nursing and Skaggs School of Pharmacy and Pharmaceutical Sciences have partnered with King Soopers grocery stores to operate "Little Clinics" within grocery stores. There are currently 13 clinical sites along Colorado's front range where individuals, with or without health insurance, can access treatment for everything from common everyday illnesses to cardiovascular care. This partnership helps promote and deliver accessible health care while also offering clinical training for students.
- The School of Dental Medicine's Advanced Dental Clinical Training and Service program is a service-learning operation in which fourth-year dental students provide dental services for eight months in an underserved community, either in brick-and-mortar clinics or through the Colorado Smilemakers Mobile Clinic. Under the supervision of practicing dentists, students provide dental care to children and adults whose access to services is constrained by financial, geographical, physical or medical factors. There are over 25 clinical sites, including community health centers and rural communities where the mobile clinic travels.



Sheridan Health Services is a multi-site, nurse-managed health care center that has operated in Sheridan schools with College of Nursing providers since 1995. Two clinic sites provide full range comprehensive primary care, oral health, behavioral health, substance abuse treatment, and preventive services to adults and children, including access to discounted medications through an on-site pharmacy. These sites offer a health care safety net for a medically underserved, low socioeconomic urban area in western Arapahoe County, serving 2,088 patients with 6,854 visits in the past year.

The Center for Midwifery and the University Nurse Midwives provides full-scope care in the Anschutz Outpatient Pavilion for women including prenatal, childbirth, postpartum and wellness services. All midwives are faculty at the College of Nursing, are board-certified by the American College of Nurse Midwives, and are licensed as Advanced Practice Nurses in the state of Colorado. Both midwifery practices work collaboratively in affiliated hospital OB/GYN departments and can offer women and families many services including individualized care, group prenatal classes, childbirth education, lactation services, mental health services, and referrals to physician groups.

Patients come from every county in Colorado to seek the **specialty care** provided on the Anschutz Medical Campus.

### University Centers and Institutes

CU Denver I Anschutz is home to nearly 100 centers and institutes conducting research, and providing health care, public service, professional development, outreach and advocacy. While the expenses associated with these units were incorporated into the economic impact, these university initiatives and programs illustrate additional contributions to the Colorado, the nation and beyond.

The University of Colorado Cancer Center is the only National Cancer Institute-designated comprehensive cancer center in the region. Some of the nation's foremost experts in lung cancer, melanoma, prostate cancer, breast cancer, blood cancers, colorectal and gastrointestinal cancers, ovarian cancer, childhood cancers and companion animal cancer are center members. The center also runs the region's largest clinical trials program. With six programs, 17 shared core resources and more than 400 members from three state universities and five institutions, this center is the hub for cancer research in Colorado. The Cancer Center extends care into rural communities, bringing access to quality cancer care in Grand Junction, Alamosa, Glenwood Springs, Montrose and Vail/Edwards through its Community Engagement Program. CU doctors whose specialties range from oncology to neurosurgery and cardiology travel to rural hospitals to bring specialty care and access to clinical trials to patients who would not access this care without the program.

#### The Colorado Clinical and Translational Sciences Institute

transforms the way communities and researchers work together to design and conduct research by building bridges between health research, clinical practice and community health initiatives to improve the health of the people of Colorado and the Rocky Mountain Region. This institute funds the Partnership of Academicians and Communities for Translation that work in Colorado to: solicit and sponsor pilot grants; help communities and researchers find ways to effectively use existing data; sponsor community exchanges and trainings to increase communication between communities and researchers; and help communities become more aware of emerging information in health research.

The Rocky Mountain Prevention Research Center in the Colorado School of Public Health is one of 37 Prevention Research Centers in the United States funded by the Centers for Disease Control and Prevention. The center works as an interdependent network of community, academic and public health partners to conduct prevention research and promote the wide use of practices proven to promote good health. The center focuses efforts on identifying local health priorities in the San Luis Valley. Researchers from the Anschutz Medical Campus have worked with this rural, low-income population to support communitybased intervention programs regarding type 2 diabetes for nearly 30 years.

The Barbara Davis Center for Childhood Diabetes in the School of Medicine is one of the largest programs specializing in type 1 diabetes research and care (both for children and adults) in the world. The Center provides state-of-the-art clinical diabetes care to 80 percent of the children with diabetes in Colorado and 2,000 adults within the Rocky Mountain Region, and receives national and international referrals. The center also provides diabetes-specific diagnostic services to national and international clinical studies and trials, evaluates new therapeutic agents and devices for patient care, and patents and licenses new diagnostics.

The National Veterans' Training Institute was established at CU Denver in 1986 to develop and enhance the professional skills of veterans' employment and training service providers throughout the United States. The program is funded by the U.S. Department of Labor Veterans' Employment and Training Service with training conducted at CU Denver and at selected regional sites in the U.S. and abroad. To date

and numerous local foundations

generously support the institute.

- over 60.000 veterans' employment and training professionals have attended classroom and online training courses.
  - Since 1967, the **Colorado Center** for Community Development in the College of Architecture and Planning has completed over 2,000 projects across Colorado, working in partnership with cities, towns and neighborhoods to provide design and planning services. Often, communities need this preliminary work to apply for funds or gain local support for a project. Students in architecture, landscape architecture, planning and other disciplines gain the valuable experience of working on real-world projects with community clients, while the community saves money in design and community engagement.

- The National Resource Center for Health and Safety in Child Care and Education at the College of Nursing contributes to the improvement of the quality of care for children in early care and education programs. NRC provides up-to-date resources and technical assistance to families, child care providers, health professionals, policy makers, state and local health departments, and child care regulatory agencies. Most recently,the NRC has developed a training program for child care providers that prepares them to include children with special needs in child care and preschool programs.
- The Jake Jabs Center for

Entrepreneurship in the Business School is a new idea laboratory that educates and empowers graduates to act entrepreneurially. The center fosters an open and diverse environment that emphasizes multidisciplinary experiential learning. The Jake Jabs Center's curriculum incorporates instruction, mentoring and support from faculty, as well as from outside professionals with expertise in new business development. Center courses explore legal issues, social sector initiatives, new venture design, finance structuring, strategic web development, leadership, new product development and business plan creation. The center has hosted

an annual Business Plan Competition since 2002, promoting new business development. It has helped launch over 20 new businesses, over half of which are still in business generating employment and sales dollars that contribute to the Colorado economy. The Jake Jabs Center also offers consulting services and venture capital opportunities through studentcreated organizations.

The Buechner Institute for Governance in the School of Public Affairs provides evaluation and leadership training to Colorado state and local government agencies and nonprofit organizations to enhance public decision making and governance. Within the institute, several centers bring faculty and professional staff resources to focus on local government, education policy, criminology and criminal justice, and collaborative governance. The institute also features outreach events to inform leaders and citizens about Colorado policy issues, including the monthly Buechner Breakfast First Friday series. Health News Colorado provides journalism coverage of health policy and a platform for a wide range of opinion writers. National funders. such as the Walton Family Foundation, the Ford Foundation, the Bill and Melinda Gates Foundation and the Robert Wood Johnson Foundation.

#### Endnotes

<sup>1</sup> State Higher Education Executive Officers Association, State Higher Education Finance FY 2013, April 2014. http://www.sheeo.org/shef13, retrieved May 2014.

<sup>2</sup> University of Colorado Denver | Anschutz Medical Campus Office of Financial Aid, Financial Aid File Report submitted to Colorado Department of Higher Education, September 2013.

<sup>3</sup> University of Colorado Denver | Anschutz Medical Campus Finance Office, Economic Contribution Statement, November 2013; Excludes revenue from administrative indirect cost recoveries, interdepartmental or inter-campus sales, internal service centers, and gain (loss) on disposal of fixed assets.

<sup>4</sup> Denver Business Journal 2013-14 Book of Lists, Colorado Public Companies, ranked by 2012 sales, December 2013.

<sup>5</sup> Denver Business Journal 2013-14 Book of Lists, Denver Area Private Sector Employers, December 2013. Prior year top ranked employers such as King Soopers/City Market and Lockheed Martin did not provide information for the report.

<sup>6</sup> Denver Business Journal 2013-14 Book of Lists, Denver Area Public Sector Employers, December 2013. The University of Colorado System figure includes CU Denver | Anschutz.

<sup>7</sup> University of Colorado Denver | Anschutz Medical Campus Office of Institutional Research and Effectiveness, Degrees Awarded Report, Fiscal Year 2008-2013.

<sup>8</sup> Colorado Department of Higher Education, Degrees Awarded, FY 2013; http://highered.colorado.gov/Data/ Search.aspx Retrieved April 2014.

<sup>9</sup> Colorado Department of Labor and Employment, Labor Market Information, 2012-2022 Employment Projections by Occupation. Retrieved April 2014.

<sup>10</sup> University Office of Alumni Relations and University of Colorado Foundation, March 2014.

<sup>11</sup> Current Population Survey, U.S. Department of Labor, U.S. Bureau of Labor Statistics; Unemployment rate for people age 25 and over; wage and salary earnings for full-time workers. March 2014.

<sup>12</sup> College Measures.org School Profile of the University of Colorado Denver. Includes students graduating from 2006-07 through 2010-11. Data were suppressed for programs with fewer than 5 graduates with earnings data or fewer than 15% of graduates with earnings data. http://esm.collegemeasures.org/esm/ colorado/school/profile/University-of-Colorado-Denver-(CO), retrieved June 2014.

<sup>13</sup> University of Colorado Denver | Anschutz Medical Campus Office of Grants and Contracts Annual Reports FY 2009 - FY 2013.

<sup>14</sup> University of Colorado Technology Transfer Office, FY 2012-13 figures revised June 2014.

#### Acknowledgements

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### **Economic Contributions**



University of Colorado Denver Anschutz Medical Campus