Vision
We seek to be a medical destination of such breadth and quality that no one from the Rocky Mountain region should ever have to travel beyond this campus to receive the finest care in the world. While delivering that care in the present, we strive to be a major force in redefining what care will look like into the future, and developing and training the workforce to deliver it. We will accomplish this goal through visionary leadership, as well as by our steadfast commitment to recruiting and retaining top talent, and nurturing a culture that continuously fuels and rewards innovation.

“At the CU Anschutz Medical Campus, we are doing two things simultaneously – delivering the world’s best care today while reinventing the care of tomorrow.” – Donald M. Elliman, Jr., Chancellor

- Mantra video
- Chancellor Elliman’s 2017 State of the Campus address

Campus
Part of the four-campus University of Colorado system, the University of Colorado Anschutz Medical Campus is the only comprehensive academic health sciences center in Colorado, the largest academic health center in the Rocky Mountain West and one of the newest education, research and patient care facilities in the world. On 230 acres, just six miles east of downtown Denver, sits 12.4 million square feet of newly built training facilities for medical and health professionals in six schools and colleges, modern and fully equipped research infrastructure and two nationally ranked hospitals – University of Colorado Hospital (Top 20) and Children’s Hospital Colorado (Top 10). A growing medical city, CU Anschutz employs more than 24,000 people and sees 1.9 million patient visits each and every year. Our campus fuels the state economy, with a direct economic impact on par with the Colorado ski industry at $3.9 billion per year, and our faculty attract nearly $500 million in annual research funding. Startup companies based on technologies developed here have attracted in excess of $914 million in venture capital and other investments. Since its establishment a decade ago, this campus has grown and developed at an exponential pace, and our forward momentum shows no signs of slowing.

“The fusion of education, research and clinical care is the secret sauce of academic medicine. By coupling some of the best minds in health care and medicine with ambitious students eager to lead the next generation, we get remarkable innovation, and leading-edge treatments and care.” – Donald M. Elliman, Jr., Chancellor

“This place offers one of the best opportunities in the country to meet the challenges we face in academic medicine – from fundamental research into the biology of the human body to the understanding of complex health delivery systems, the university and its campus partners have made critical investments already, have recruited world-class talent, and have fostered a collaborative working environment. – John J. Reilly, Jr., MD, Dean, School of Medicine
Growth
This campus set its sights just over 10 years ago on becoming one of the top-tier medical destinations in the country and in the world. We have achieved remarkable results, and others are taking notice. University of Colorado Hospital was ranked #15 on U.S. News & World Report’s 2017-2018 Best Hospitals Honor Roll, rising higher among the top 20 elite hospitals in the country. Both University of Colorado Hospital and Children’s Hospital Colorado are ranked #1 in Colorado. We are achieving a 10% to 15% annual growth rate and our hospital partners are frequently at or beyond 100% capacity. This while other academic medical institutions are experiencing plateaus or are in decline.

“What attracted me to CU Anschutz is the sense of opportunity and the growth trajectory. While other academic medical campuses are concerned with maintaining what they have, our problems here are problems of managing growth. We will continue to grow into the foreseeable future, so our focus is on hiring good talent and scaling up to meet the demand.” – John J. Reilly, Jr., MD, Dean, CU School of Medicine

Top Talent
We believe that achieving our vision of becoming a top-tier medical destination is directly tied to our ability to attract and retain top talent and to fund their vision for the future. By bringing talented physicians, researchers and educators to CU Anschutz, we attract their peers in diverse fields and inspire some of the best students to pursue their education here. We are attracting game-changers in medicine from places like Johns Hopkins, Vanderbilt, Harvard and Mayo Clinic who share our confidence in this unique place and our vision for becoming a truly preeminent medical destination. Attracting top physicians and researchers is part of a cycle that perpetuates excellence. Other top physicians and researchers want to join them in pursuit of quality health care solutions, in a culture where innovation and creativity are rewarded and providing the best care is the ultimate goal.

“It is amazing how a thoughtful, creative, innovative approach to recruiting key talent can transform an entire program. In our experience, it already has.” – Richard Schulick, MD, Chair, Department of Surgery

Innovation
We seek to move life-changing advances into commercial production as quickly as possible in order to improve lives. Over the past 15 years, our physicians and researchers filed over 2,000 patent applications and formed more than 60 new companies, garnering more than $3.5 billion in venture capital, equity investments and grants. We are listed among the top 10 U.S. universities for drug discovery, and more than 200 medical devices have been designed and developed by our faculty over the last decade. It is part of the culture here for physician-scientists to lead the way in providing innovative care, from the first liver transplant to the first use of human cell cloning to study genetics and cancer. Each year, our researchers are awarded nearly $500 million in research grants that, along with
private philanthropic support, accelerate investigative discovery and fuel our drive to better address the complex medical questions of our day.

CU Anschutz is an ideal location to serve as a robust clinical test bed for new ideas with the promise to transform health care, and we are building a new model of innovation today. CU Innovations brings together industry partners, entrepreneurs and investors to help CU researchers solve important problems and improve quality of life worldwide. They help translate discovery into impact, and connect researchers with the community through strategic and philanthropic partnerships. CU Innovations is the starting point for faculty with bold ideas seeking pathways to market that will benefit society. They support top talent in their fields by providing intellectual property management, marketing, policy development, legal advice, financial management and consultation.

As a comprehensive academic medical campus housing hospitals that provide care across the continuum and specialized centers serving people and families from across the Rocky Mountain region, CU Anschutz is an ideal living clinical laboratory – a place where health transformers are drawn and a dynamic hub of creative R&D. Industry and community partners find this campus a fitting place to test, evaluate and pilot health care innovations that can be replicated and scaled across the 1 million-patient UCHealth system and beyond. CU Anschutz has the infrastructure in place to test concepts and conduct clinical trials, and serves as one of the country’s most dynamic health care innovation hubs. We are a growing national leader and are partnering with the largest health innovation company in the world – StartUp Health – to unlock the promise of science and technology for revolutionizing health care as we know it.

“Every 50 years, you see a massive revolution in health care, and the next one is due for 2020. We are ideally suited to be a clinical test bed for some of the best health care innovations that are going to transform how health care will be delivered into the future.” – Kim Muller, Director, CU Innovations

“Fifty years is no longer my horizon. I’m looking for cures tomorrow.” – Marian Rewers, MD, PhD, Director, Barbara Davis Center for Diabetes

- CU Innovations website
- CU Innovations Fall 2017 Newsletter
- StartUp Health Kim Muller video
- Dean Reilly’s Transformational Research Initiative website (RFP)
- History of Innovation timeline

**Personalized Medicine**

The CU Anschutz Medical Campus has made significant and strategic institutional investments over the past several years that promise to further elevate our stature as a top-tier medical destination. Chief among them is a campus-wide commitment to leadership in personalized medicine. In 2015, we established the Colorado Center for Personalized Medicine and the Division of Bioinformatics and Personalized Medicine to put our stake in the ground at the frontiers of the medicine of tomorrow. Drawing top talent in Kathleen Barnes, PhD, from Johns Hopkins to lead the center and division, and investing with our campus partners in the data warehousing and analytics components of personalized medicine, have been the first of many steps we are taking to lead in the application of genomic data to highly targeted prevention, diagnosis and care. We have begun to collect genetic samples in partnership with the UCHealth system, which spans the Colorado Front Range, and we are partnering with global DNA-sequencing company Illumina to pioneer a standardized chip for biobanking. Given the rich ethnic
and racial diversity of the Colorado population, we are uniquely well-suited to serve as a microcosm for the broader U.S. population, and to harness big data to create powerful models to be emulated nationwide.

“I chose to come to CU Anschutz because the leadership and institutional support for personalized medicine here is extraordinary.” – Kathleen Barnes, PhD, Director, Colorado Center for Personalized Medicine

“There has never been a better or more exciting time to get involved. In the next ten years we have the potential to advance medicine further than in the previous one hundred. Technology has caught up to the science, and the novel therapies under development are now no longer science fiction.” – Wells A. Messersmith, MD, Division Head, Medical Oncology

Articles on Kathleen Barnes and the Colorado Center for Personalized Medicine:

- 5280: Take It Personally: How decoding your genes might unlock the future of health care
- CU Department of Medicine: Kathleen Barnes: This is What People are Talking About When They Say ‘Big Data’
- UHealth: Center cracks the code for personalized medicine growth

**Regenerative Medicine**

Stem cell technology can fundamentally change the future of human health. At the CU Anschutz Medical Campus, we are unlocking our bodies’ true potential and safely creating human therapies more efficiently and effectively than ever before. At the Gates Center for Regenerative Medicine, we are exploring new frontiers in stem cell therapies. With the addition of the state-of-the-art Gates Biomanufacturing Facility in 2015, our faculty and collaborators are pushing the boundaries of the possible, transforming medicine by creating new therapies that repair, replace or regenerate damaged cells in the body. Our faculty can now speed the translation of new discoveries from research bench to patient bedside, all without going any farther than across the street. The Gates Center and the GBF help complete the CU Anschutz medical ecosystem, which begins with basic research and flows from manufacturing and clinical trials to optimum patient care. This helps ensure the campus’s continued rise through the ranks of the country’s top medical destinations, and draws world-class talent in stem cell research.

In 2016, CU Anschutz celebrated the successful completion of a $10 million funding initiative to establish the Ocular Stem Cell and Regeneration Program (CellSight), a program designed to transform age-related macular generation research and care by drawing upon the collective expertise and collaborative research taking place at the UHealth Eye Center and the Gates Center for Regenerative Medicine today. The Department of Ophthalmology and the UHealth Eye Center are leaders in basic, translational and clinical research in macular degeneration, and the CellSight program accelerates the ability of our faculty to find lasting cures and therapies for those suffering from macular degeneration. In 2017, the university welcomed renowned researcher Valeria Canto-Soler to lead the program.

“The Gates Center’s emphasis on collaboration with its members, campus partners and others to support the acceleration of scientific discovery into clinical application is vital to our goal of building a global medical destination in Colorado.” – Donald M. Elliman, Jr., Chancellor

“The groundbreaking discoveries happening here will transform medicine.” – Patrick Gaines, Executive Director, Gates Center for Regenerative Medicine
“I dreamed of launching a stem cell research program like this for years. The leadership at both the Gates Center and the Department of Ophthalmology has the same vision that I have. Working together, we can make it happen.” – Valeria Canto-Soler, Director, CellSight

- Patient story video – stem cell research in action
- Gates Center for Regenerative Medicine website with videos
- Gates Biomanufacturing Facility article
- CellSight website
- Canto-Soler article

**Teaching & Learning**

CU Anschutz features schools of medicine, pharmacy, dental medicine and public health, a college of nursing and a graduate school. All interconnected, these six schools and colleges bring together more than 4,300 students and 4,700 faculty in a multidisciplinary, collaborative learning environment. We strive to attract bright young minds in medicine and health care – future generations of leaders who will become the health care workforce of tomorrow. We are recognized as a great place to learn in a hands-on environment alongside some of the world’s leading experts in their fields. More than 7,000 students applied for just over 180 slots in the incoming class of MD students. More than 1,400 applied for 44 slots in our Child Health Associate/Physician Assistant program. Our campus graduates more than 1,200 health professionals annually, including future doctors, nurses, physician’s assistants, physical therapists, dentists, pharmacists, public health professionals and scientists. In addition, our graduate medical education program includes another 1,100 residents and fellows, most of whom practice in Colorado after completing their programs. The university is committed to expanding its offerings to serve more aspiring health professionals from Colorado and beyond. Since the opening of CU South Denver in 2014-2015 the College of Nursing is able to admit an additional 80 undergraduates annually, and the CU School of Medicine expanded to a new branch at UCCS in Colorado Springs, increasing our capacity to educate an additional 24 medical students each year.

- A Place to Learn student and faculty video
- Rural Track website and videos
- Student perspectives video

**Wellness**

Wellness shifts our focus from treating illness to preventing its onset in the first place. It changes the conversation around mental and behavioral health, and its role in primary care. It promotes healthy choices through public health policy and practice. It allows us to view wellness as more than the absence of illness; but rather our motivations and our emotions, our physical barriers and our mental ones – all wrapped into one entity and identity. Wellness is about improving the lives of individuals and communities through evidence-based health behavior change. When we change the way we think about chronic diseases and their connections to our lifestyles, we become empowered to change our lives and ourselves.

A key area of focus in the wellness arena is the integration of behavioral health and primary care. Mental and physical health problems are interwoven. Studies show that as many as 70% of primary care visits stem from psychosocial issues, including underlying mental health or substance abuse issues. We believe that integrating mental health services into primary care settings is key to providing better overall care, lowering costs and improving the health of our population. CU Anschutz is leading a
statewide effort to develop a State Innovation Model to improve the integration of these two previously disparate fields.

“Mental health professionals need to be in the family medicine center side by side. Everything works better when we manage all the problems patients are facing in coordination.” – Frank deGruy, MD, Chair, Department of Family Medicine

- Johnson Depression Center website
- Patient story video – Johnson Depression Center
- National Mental Health Innovation Center website
- Anschutz Health & Wellness Center website
- Rocky Mountain Center for Total Worker Health article
- Colorado State Innovation Model (SIM) overview

QUESTIONS? IDEAS FOR ADDITIONAL RESOURCES? CONTACT TRISHA KENDALL.