

Research Enterprise: Changing the World Through Science and Innovation



The University of Colorado Anschutz Medical Campus is at the forefront of transformative research, science, healthcare and innovation. As the largest academic health sciences campus in the Rocky Mountain region, CU Anschutz encompasses six health professional schools, 60+ centers and institutes, and two nationally ranked hospitals – all collaborating to deliver life-changing research across the full spectrum of care.

From basic science to translational research and everything in-between, CU Anschutz is rapidly advancing new discoveries from the laboratory to the clinic to the world at large. Every day, our scientists are bringing innovative approaches to help solve the toughest challenges in healthcare and medicine.

CU ANSCHUTZ RESEARCH BY THE NUMBERS, FY22

\$692M

annual sponsored research awards

1.5K

principal investigators on campus

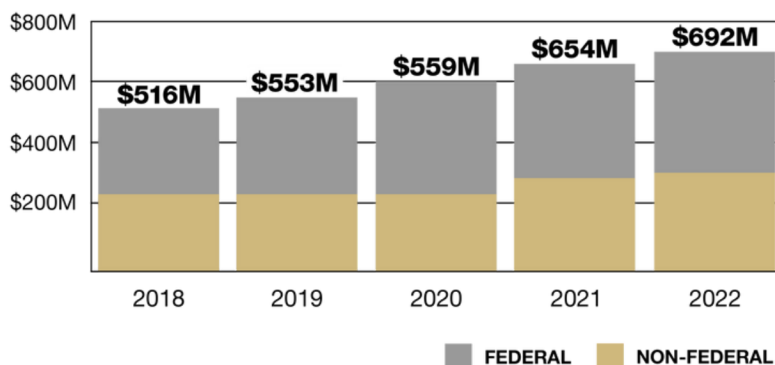
3,768

open clinical research studies on campus

243

investigational drug and device applications to FDA

Sponsored Research Funding at CU Anschutz



34%

five-year increase in funding

Research Partnerships

At CU Anschutz, collaboration is in our DNA. Here are a few of the key research partnerships that are advancing scientific discoveries on our campus and beyond.

AB Nexus

This innovative grant program supports interdisciplinary research collaborations between CU Anschutz and CU Boulder. By fostering partnerships among a diverse array of scientists, engineers and physicians, AB Nexus has catalyzed a new culture of intercampus innovation and collaboration.

Hospital Partners

CU Anschutz is home to two nationally ranked hospitals: UCHealth University of Colorado Hospital and Children's Hospital Colorado. Our integrated medical campus creates unique opportunities for clinical collaborations, allowing scientists to efficiently partner with providers to translate discoveries into patient care.

CU Innovations

CU Innovations brings together industry partners and investors with researchers and clinicians to rapidly advance cutting-edge healthcare discoveries. With expertise in patents, copyrights and licensing, the team translates ideas into biomedical devices and technologies to improve quality of life.

CU Anschutz Research Highlights

From artificial intelligence to cutting-edge clinical trials to new drug discovery technologies, here are just a few of the ways CU Anschutz is transforming biomedical research and clinical care.



Pursuing Personalized Therapies

Home to some of the world's leading cellular therapy researchers, the Gates Institute at CU Anschutz is dedicated to accelerating research in stem cell biology and regenerative medicine. With a state-of-the-art manufacturing facility that can rapidly translate laboratory findings into personalized cellular therapies and cures, the Gates team is revolutionizing the way we treat cancer and other diseases for patients worldwide.



Harnessing Big Data

Launched in 2022, the Department of Biomedical Informatics at CU Anschutz is harnessing the power of artificial intelligence and advanced analytics to transform healthcare delivery. This team of basic, clinical and translational scientists is developing new methods of integrating computational data with laboratory investigations to expedite new discoveries and enhance clinical care.



Mental Health Breakthroughs

The Department of Psychiatry at CU Anschutz is on the cutting edge of interdisciplinary research to help address the mental health crisis. Not only are researchers studying the underlying causes of mental illness, but they are also advancing new drugs and treatments for anxiety, depression and other diseases – even developing smartphone apps that can identify early warning signs to prevent suicide.



Advancing Cancer Cures

With nearly 300 scientists and physicians, the University of Colorado Cancer Center is a world leader in pioneering more effective and innovative cancer treatments. By offering cutting-edge therapies and hundreds of clinical trials, CU Anschutz is giving renewed hope to patients battling the toughest-to-treat cancers.



Aiding our Armed Forces

The CU Anschutz Center for Combat Medicine and Battlefield Research is home to renowned scientific experts on combat-related injuries and illnesses. Through research and collaboration, the Center provides both military leaders and civilian providers with expertise on trauma care, surgical techniques and more.



Down Syndrome Discoveries

The Linda Crnic Institute for Down Syndrome is home to the largest geographical cluster of Down syndrome researchers in the world. Through advanced biomedical research, their team of 200+ scientists is developing a wide range new diagnostic and therapeutic tools to improve the lives of people with Down syndrome.



Accelerating Drug Discovery

As a national leader in NIH funding, the Skaggs School of Pharmacy and Pharmaceutical Sciences merges basic and clinical sciences to integrate new drug discoveries and diagnostic tools directly into existing healthcare delivery systems. Their facility includes the region's only robotic and fully integrated drug discovery/imaging platform, which markedly increases the speed of testing novel therapeutics.



Transforming Diabetes Care

The Barbara Davis Center for Diabetes is a nationally recognized incubator for novel ideas in diabetes detection, prevention and care. In addition to studying the immunology, genetics and underlying causes of diabetes, Barbara Davis researchers use an integrated approach to incorporating new treatments directly into patient care at their campus clinical facility.