

These campus-crossing UT research teams are finding the future of health.

Research and discovery are a key part of Dell Medical School's mission - and of The University of Texas at Austin's vision of becoming the world's highest-impact public research university.

CANCER TREATMENT



6 Oden Institute for Computational Engineering & Sciences **7** UT Cockrell School of Engineering

New cancer therapies will be able to target specific cancer cell types using the body's own immune response. The result? Faster, more effective treatment with fewer side effects.



AUTISM DIAGNOSIS

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UT Steve Hicks School of Social Work

An accessible Latin America-based assessment might not only lead to earlier diagnoses and services for Spanish-speaking children, but also broaden the net of physicians able to diagnose autism.



140+

disclosures for new inventions and technologies include Dell Med scientists



INFECTIOUS DISEASE

5 UT College of Natural Sciences **7** UT Cockrell School of Engineering

It's not a matter of if another pandemic will hit, but when - and how we'll handle it. A team of world-renowned collaborators led by UT experts is getting ready to combat the next global contagion.



LGBTQ+ HEALTH

5 UT College of Natural Sciences

UT researchers want to transform health, care and well-being for LGBTQ+ populations by becoming an epicenter of community-driven research and employing evidencebased strategies.

With advanced computational modeling that uses clinical data collected directly from the patient, "digital twins" will be able to pinpoint exactly how - and when - to treat neurovascular disease.

ENVIRONMENTAL * HEALTH





2 UT College of Education

- **3 UT School of Architecture**
- **4** UT College of Liberal Arts
- **7** UT Cockrell School of Engineering

Historically marginalized communities experience the most severe consequences of climate change. To better understand why - and how to solve the problem - UT researchers are looking to some additional experts: community members themselves.

KIDNEY DISEASE

8 UT Moody College of Communication

By coupling patient-centered health communication with data from a new academic transplant program, underserved Central Texans with endstage kidney disease may be on the verge of accessing care that leads to longer, healthier lives.

200+

collaborative health research projects involving nearly 100 Dell Med investigators



\$100MM+

in sponsored project awards for health-focused research since 2018

ROBOTIC-ASSISTED SURGERY

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NEUROVASCULAR DISEASE



6 Oden Institute for Computational Engineering & Sciences **7** UT Cockrell School of Engineering



7 UT Cockrell School of Engineering

Robotics experts are partnering with longtime physicians, creating simulation tools to better train new surgeons and minimize errors. Your next laparoscopic surgery could benefit.



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