



LONGHORNS

ON THE

HILL



2020 Handbook

Higher Education Priorities

1. Move forward a Phase IV emergency bill (currently HEROS Act or HEALS Act) that will include much needed financial relief for institutions of higher education negatively impacted by the COVID-19 pandemic.

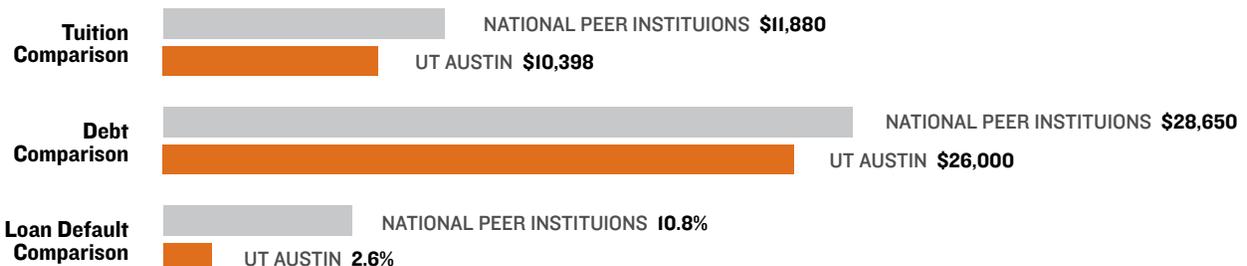
- ▶ Higher education continues to face new public health challenges and significant costs addressing the pandemic.
- ▶ As of August 2020, UT Austin’s actual and estimated revenue losses due to COVID-19 by the end of the year 2020 alone are estimated to be approximately \$162 million.

2. Enhance appropriations for research projects in federal agencies.

- ▶ Cutting-edge UT Austin research has provided real-time solutions for COVID-19.
- ▶ UT Austin researchers have successfully created the first 3D atomic scale map of the spike protein, allowing researchers to see the viability of vaccine candidates.
- ▶ Research at UT Austin creates breakthrough and important developments in medical research and other technologies that enhance overall quality of life in our state and nation.
- ▶ UT Austin’s Research brings in more than \$724 million to the Texas economy—the equivalent of almost 12,000 jobs.

3. Support student financial aid programs.

- ▶ UT Austin is working hard with bold strategies to expand accessibility for students across Texas, educating and powering the Texas economy.
- ▶ Nationwide rates of unemployment have risen to 10.2%. Now more than ever, families need a commitment for federal student aid investment to ensure continuity of higher education in a time of crisis. 56% of undergraduate UT Austin students graduate and enter the workforce with no debt.



Texas Advance Commitment

UT Austin is on the forefront of implementing solutions to establish an accessible, quality, and hands-on education for generations of Texans.

Current	Starting Fall 2020
TUITION COVERED Up to \$30,000 adjusted gross income	TUITION COVERED Up to \$65,000 adjusted gross income
TUITION SUPPORT Up to \$100,000 adjusted gross income	TUITION SUPPORT Up to \$125,000 adjusted gross income

Higher Education Pandemic Aid

As many sectors of the economy have been severely stressed, so too have institutions of higher education. Responding quickly to the pandemic, campuses nationwide transitioned to online learning models and significant costs were incurred from acquiring necessary technology. Paired with substantial operating revenue losses, university teaching and research functions are strained.

Thankfully, Congress passed the Coronavirus Aid, Relief, and Economic Security Act (CARES Act), creating a \$13.95 billion Higher Education Emergency Relief Fund. The first allocation to the higher education stabilization fund from the CARES Act provided critical financial assistance to institutions.

Higher education continues to face new public health challenges and significant costs addressing the pandemic.

Looking Forward

When COVID-19 began spreading across the United States this spring, UT Austin quickly purchased three state-of-the-art robots and assembled additional equipment capable of processing hundreds of COVID-19 test samples every day.

The multimillion-dollar effort ensures that UT will be able to test hundreds of students and faculty and staff members every day, at no cost to them, to keep the greater Austin community safe.

A LOOK AT UT AUSTIN

- ▶ UT Austin's actual and estimated revenue losses due to COVID-19 by the end of the year 2020 alone are approximately \$162 million.
- ▶ With UT Austin's closure in March 2020, approximately \$36 million in revenues from housing, dining, and parking were issued in refunds, as well as losses from closures of event centers and facilities, such as the AT&T Executive Conference Center and the Texas Performing Arts Center.
- ▶ An additional \$29 million is estimated for the current hybrid model of on-campus and online learning.
- ▶ UT Austin's share of CARES Act funding totaled \$31 million, with \$15.7 going toward emergency student aid.

THE BOTTOM LINE

- ▶ UT Austin is committed to making a positive impact as we face the COVID-19 pandemic through continued dedication to excellence in the areas of education, research and public service.
- ▶ There is substantial strain on the UT Austin budget due to revenue losses and added expenses, and additional federal aid to support the university's academic and research mission are a critical need.

COVID-19 RELIEF HIGHLIGHT: STUDENT EMERGENCY FUND

\$1,650,265 was donated by alumni and friends for UT Austin students struggling in the face of the pandemic, covering critical needs such as: housing, meals, utilities, and academic technology.

WE ASK CONGRESS TO:

- ▶ Continue to move forward a Phase IV emergency bill (currently HEROS Act or HEALS Act) that will include much needed financial relief for institutions of higher education. (Proposed \$29 billion for higher education).
- ▶ Consider the inclusion of \$26 billion in emergency appropriations supplemental funding to assist in the restart of the research enterprise that was shuttered due to the COVID-19 pandemic.
- ▶ Consider FTE (full-time enrollment) as the funding measure for higher education institutions, following the original methodology of the CARES Act. This ask is supported by system chancellors from six Texas institutions.

Research Funding

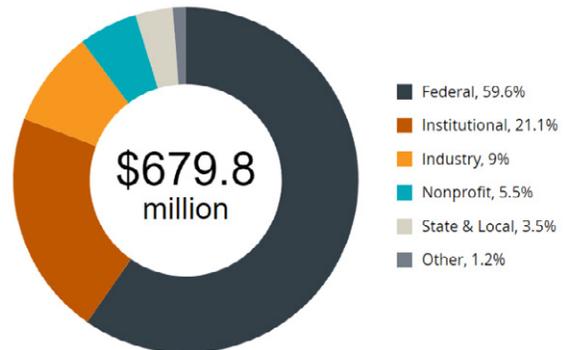
Research conducted at UT Austin yields greater knowledge and understanding in medicine, technology, and many other fields. From tracking earthquakes and hurricanes on the ground to fighting COVID-19, UT Austin research is directly impacting lives across Texas and the nation. It also brings in more than \$724 million to the Texas economy—the equivalent of almost 12,000 jobs.

A significant portion of the extraordinary research conducted at UT Austin is federally sponsored by agencies like the National Science Foundation, the National Institute of Health, the Department of Defense, the Department of Energy, and others.

FY18 RESEARCH EXPENDITURES BY SOURCE

Cutting Edge Research

By retaining top-tier faculty and state-of-the-art facilities, UT's research helps to provide solutions on the frontlines of global issues.



COVID-19 Vaccine

- ▶ Vaccines train the human immune system to recognize key proteins to fight infection.
- ▶ UT Austin researchers have successfully created the first 3D atomic scale map of the spike protein, allowing researchers to see the viability of vaccine candidates.

The modification developed on the Forty Acres could enable much faster and more stable production of vaccines worldwide. UT Austin's research is currently being used by teams working on the COVID-19 vaccine today.

NOBEL PRIZE SPOTLIGHT

John B. Goodenough, UT Austin Professor



Goodenough has been awarded the 2019 Nobel Prize in chemistry for the development of lithium-ion batteries. Batteries incorporating Goodenough's materials are used worldwide for mobile phones, power tools, laptops, tablets and other wireless devices, as well as electric and hybrid vehicles.

SuperComputer System and COVID-19

- ▶ Located at UT Austin, Frontera is the fastest university supercomputer in the world. The supercomputer supports dozens of research teams aiming to solve the most massive computational problems in their fields, ranging from tracking hurricanes to medical innovations.
- ▶ Frontera enabled researchers to develop a 3D atomic computer model of the coronavirus to provide insight into how COVID-19 infects in the body.
- ▶ The supercomputer system has been utilized to run crisis simulations to best predict and respond to virus spread patterns.

This funding was made possible by the National Science Foundation (NSF).

Campus COVID-19 Solutions

- ▶ From masks to ventilators, researchers in the Cockrell School of Engineering are utilizing 3D printing to meet the needs of frontline healthcare workers.
- ▶ UT Austin graduate students have developed ventilators with cheap, widely available windshield wiper parts, to fill the demand created by the spread of the virus.
- ▶ Scientists in UT Austin's Division of Molecular Pharmaceutics and Drug Delivery are developing a thin-film-freezing technology to allow COVID-19 treatments to be available through dry powder inhalation, potentially making treatment more potent, easier to administer, and more broadly available.
- ▶ Dell Medical School and the College of Fine Arts have partnered to create solutions for safer nursing homes and senior-living facilities.

These projects have received funding from UT Austin and other funding sources.

Cancer Detection

- ▶ UT Austin's lifesaving medical research includes the MasSpec Pen, which distinguishes between tumors and healthy tissue in just ten seconds. This diagnostic tool analyzes human tissue samples for cancerous cells with 96 percent accuracy, allowing surgeons to make decisions in real-time.

The MasSpec Pen was funded by UT Austin, the National Cancer Institute of National Institutes of Health, and the Cancer Prevention Research Institute of Texas.

THE BOTTOM LINE

These important initiatives are advancing society and providing real-time solutions to the COVID-19 crisis and other problems our society faces.

Unless Congress continues to invest in basic research, universities will run out of the seed corn that fuels innovation.

DID YOU KNOW?

UT Austin's research impact by the numbers...

- ▶ #3 among U.S. universities that granted the most research doctorates.
- ▶ #16 among U.S. universities for scientific and undergraduate research.
- ▶ 1,800+ U.S. and foreign patents issued to UT Austin in the past 20 years.
- ▶ For three consecutive years, a UT Austin faculty member was one of the Nobel laureates.

WE ASK CONGRESS TO:

- ▶ Enhance appropriations to federal agencies such as the National Institutes of Health, the National Science Foundation, the Department of Defense, the National Aeronautics and Space Administration, the Department of Energy, the National Institute of Standards and Technology, the National Endowment for the Arts, and the National Endowment for the Humanities, to fund basic research at universities.
- ▶ Significantly enhance federal appropriations, to ensure that faculty across the United States can compete for funds to complete their research.
- ▶ Ensure that fiscal year 2021 appropriations process is completed so that adequate resources are available to push for innovative research.

PROFESSOR SPOTLIGHT

Jason McLellan, UT Austin Associate Professor of Molecular Biosciences

McLellan led breakthrough research in creating the first 3D atomic scale map of the spike protein, the part of the virus that attaches to and infects human cells, which research teams are using to work on a viable vaccine candidate.



Financial Aid

Rising Cost of College

DID YOU KNOW?

- ▶ Average cost of tuition at 14 national peer institutions: \$11,880
- ▶ Average cost of tuition at UT Austin: \$10,824
- ▶ 56% of UT Austin undergraduate students graduate into the workforce with no debt.
- ▶ Among the top Texas public institutions, UT Austin maintains one of the lowest tuition rates, ensuring access to affordable education for Texas students.
- ▶ UT Austin ranked No. 1 in Texas in many different rankings in 2019—including the Times Higher Education World University rankings.
- ▶ The Princeton Review has ranked UT Austin as one of its top “Colleges that Create Futures,” while Forbes put UT Austin as one of the top public undergraduate educations.

HOW DOES UT AUSTIN’S DEBT STACK UP NATIONALLY?



As evidenced by the student loan default rate of 2.6% at UT Austin, and the addition of an endowment-supported financial-aid Texas Advance Commitment program, the university is dedicated to enhancing its ability to provide an accessible, quality education for generations of Texans.

THE BOTTOM LINE

Due to COVID-19, nationwide rates of unemployment have risen to 10.2%. Now more than ever, families need a commitment for federal student aid investment to ensure continuity of higher education in a time of crisis.

- ▶ Studies have shown that increased federal student aid investments do not drive up tuition prices, highlighting how increased federal aid is necessary for universities to thrive.
- ▶ UT Austin is working hard to provide accessible higher education and is grateful to Congress for continued investment in Pell Grants and Federal Supplementary Educational Opportunity Grants.

In helping UT Austin meet the goal of expanded affordability, we support increasing maximum Pell Grant awards for the estimated 7.5 million students who will use the program across the United States in the coming year.

- ▶ Today, the maximum Pell Grant covers less than 30% of the cost of attendance at public four-year colleges. Combined with the rising cost of college, this means that many students with significant financial need face large funding gaps even after being awarded the maximum amount of Pell Grant aid.

WHERE DO COSTS OF COLLEGE COME FROM?

- ▶ **Labor:** UT Austin recruits the best and brightest faculty from around the country and the world. In order to compete nationally, salary, health care, etc. must align with the market.
- ▶ **Lights:** As a state university, UT Austin receives no rate cut on the costs of utilities.
- ▶ **Laptops:** UT Austin has required updates to create state-of-the-art facilities to meet the basic technology needs of students, including outlets, charging stations, Wi-Fi, and programming software.

WE ASK CONGRESS TO:

- ▶ Adequately fund and protect student financial aid programs such as the Pell Grant, the Federal Supplementary Educational Opportunity Grants, and the Federal Work Study Program, to ensure that higher education remains accessible for families during the pandemic and long after.
- ▶ Oppose legislation that renders graduate students as ineligible for Federal Work Study programs.

A Special Note

Texas Advanced Commitment

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TUITION SUPPORT Up to \$100,000 adjusted gross income	TUITION SUPPORT Up to \$125,000 adjusted gross income

According to the U.S. Census Bureau, the median household income in Texas is \$57,051. The Texas Advance Commitment—a new endowment-supported financial-aid program—guarantees full tuition coverage for any household with a gross adjusted income of up to \$65,000, ensuring that all Texas families can afford to pursue higher education without the risk of accumulating excessive debt. The program will also grant partial tuition assistance to any student whose household’s adjusted gross income is below \$125,000.

This program highlights UT Austin’s commitment to ensuring that future Longhorns from across the state of Texas can access quality higher education. COVID-19’s financial impact has affected many families nationwide; TAC is one way that UT Austin is contributing to offsetting higher education costs.

HOW THE TEXAS EXES ARE STEPPING UP TO SUPPORT STUDENTS

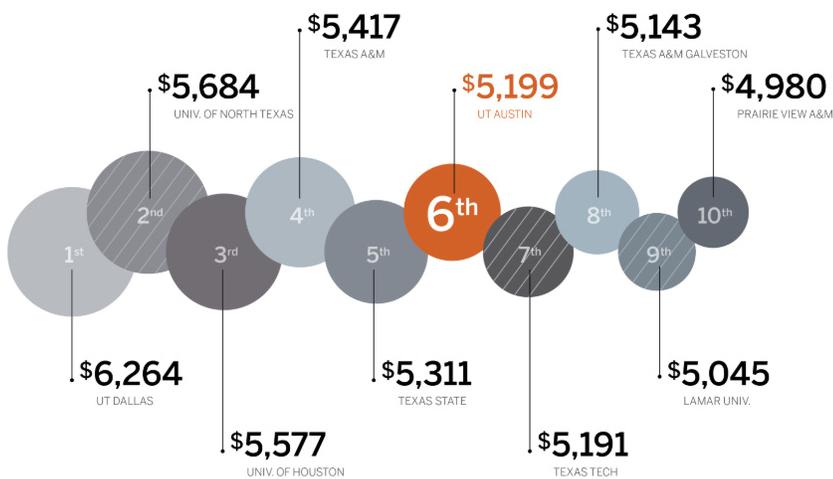
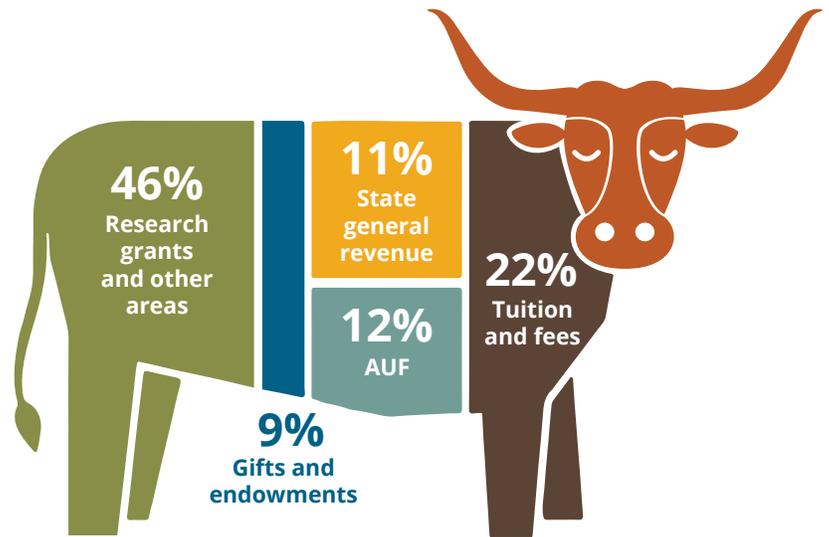
For the 2020-2021 academic year, the Texas Exes will award \$3.9 million in scholarships to over 700 University of Texas at Austin students.

PROGRAM HIGHLIGHT: ONRAMPS

UT Austin’s OnRamps program was designed to expand education opportunities by aligning K-12 and higher education institutions around a shared vision of high-quality learning opportunities. The OnRamps program creates continuity between K-12 and higher education. As a result of COVID-19, OnRamps is providing free distance learning modules for Texas middle and high school educators.

UT Austin 2018-19 Budget Sources

\$3.106 BILLION



Texas Public University Comparison

TUITION AND FEES PER SEMESTER, FALL 2017

SOURCE: THECB TUITION AND FEES DATA FROM INTEGRATED FISCAL REPORTING SYSTEM

General Information About the University of Texas at Austin

FOUNDED

1883

COLLEGES & SCHOOLS

18

ALUMNI:

482,000+

TEXAS BUSINESS ACTIVITY CREATED (2012-13)

\$8.8 Billion

ENROLLMENT FALL 2016

Undergraduates:

40,168

Graduate students:

11,163

Total:

51,331

PERCENT OUT OF STATE

10.6%

PERCENT INTERNATIONAL

10.1%

GENDER

51.5% Women

48.5% Men

ETHNICITY CLASS OF 2022

37% White

25% Asian

24% Hispanic

5% Black

4% Foreign

3% Multiracial

<1% American Indian

<1% Native Hawaiian/Pacific Islander

<1% Unknown

DEGREES AWARDED IN 2016

Bachelor's Degrees: MORE THAN **10,000**

Master's Degrees: APPROX. **3,000**

Doctoral Degrees: APPROX. **900**