



# **FEARLESS** engineering™

**THE ERIK JONSSON SCHOOL OF  
ENGINEERING & COMPUTER SCIENCE  
THE UNIVERSITY OF TEXAS AT DALLAS**  
[www.fearlessengineering.com](http://www.fearlessengineering.com) 972.883.2974

what is FEARLESS engineering?

**our founders**  
started the company  
that invented the chip  
that changed the world  
then helped us build  
a university  
upside  
down



Photos courtesy of Texas Instruments.

UTD Founders Erik Jonsson, Eugene McDermott and Cecil Green.

## HISTORY

Erik Jonsson, Eugene McDermott and Cecil Green founded Texas Instruments, where Jack Kilby invented the integrated circuit. They also launched the Graduate Research Center of the Southwest. When it became UTD in 1969, it offered graduate degrees only.

# FEARLESS

JONSSON SCHOOL

## **our school**

had the courage to create itself  
define itself differently  
when imitation was expected

we started the first telecom program  
and pioneered a software engineering degree  
when others said it shouldn't be done

we enrolled, graduated and hired women  
when others said it couldn't be done

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### FACTS

According to the American Society for Engineering Education, UTD—for the second year in a row—granted more computer science degrees to women than any other public university in the nation.

## our faculty

raise the bar...

empowering our students  
to change the world



helping the profoundly deaf hear  
securing cyberspace  
weaving electronic textiles  
moving artificial limbs with a thought  
unleashing the power of language  
visualizing the unseeable  
fusing art with technology

## our students

care as much about  
creating jobs  
as getting jobs  
and undergrads  
push research  
to find results...

like artificial blood

### STUDENTS



In 2005, senior electrical engineering major Cody Gilleland and his co-researchers developed a laser-detectable artificial blood membrane. Cody presented his findings at major international conferences and was asked to review technical papers of PhDs.

the jonsson school

**our industry partners**

foster the state's largest co-op program  
and keep us ahead of the

**CUTTING EDGE**

**FEARLESS**

history

culture

attitude

environment

future

# FEARLESS

JONSSON SCHOOL

**where we invite you**

to join us and make a fearless leap

to lead the revolution in technology and rapidly infuse this powerful school with even more world-class expertise



## GROWTH

The Dallas-Fort Worth Metroplex is the largest major metropolitan area in the U.S. without a tier-one university, and UTD intends to fill that void. The Jonsson School has received a \$300 million commitment from Texas Instruments and the State of Texas to boost its abilities.

**and together we**

dream big

think creatively

take risks

take care

tolerate failure

bring out the best in each other

invent tomorrow

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**BELIEFS**

This was Erik Jonsson's philosophy  
for building a great company.  
We think it applies equally well  
to building a great university.