

RESEARCH & DEVELOPMENT

The Telecom Corridor's® history in R&D stems from 1958 when a young Texas Instruments engineer named Jack Kilby invented the integrated circuit. Kilby later won the Nobel Prize in Physics for the world-changing invention. Texas Instruments remains the most prolific generator of new patents in DFW.

Other inventions arising from R&D are primarily in the semiconductor and telecom sectors, and include such devices as the handheld calculator, commercially viable voice mail and IP phones and totally optical wavelength routers. In addition to TI, local companies with significant R&D operations include Qorvo and Honeywell in the semiconductor space, Fujitsu, Cisco, Commscope, Raytheon, Ericsson, Dell EMC, Teledyne in the communications sector.

In support of the private sector, 27,000-student UT Dallas (in Richardson) performs more than \$100 million of funded research annually and is considered by many as the top research university in North Texas. Major research efforts at UT Dallas are in the fields of semiconductor manufacturing, telecom (software-defined-networks), nanotechnology, brain health, cybersecurity, data analytics, intelligent energy systems, bio-medical devices, net-centric operations and warfare.



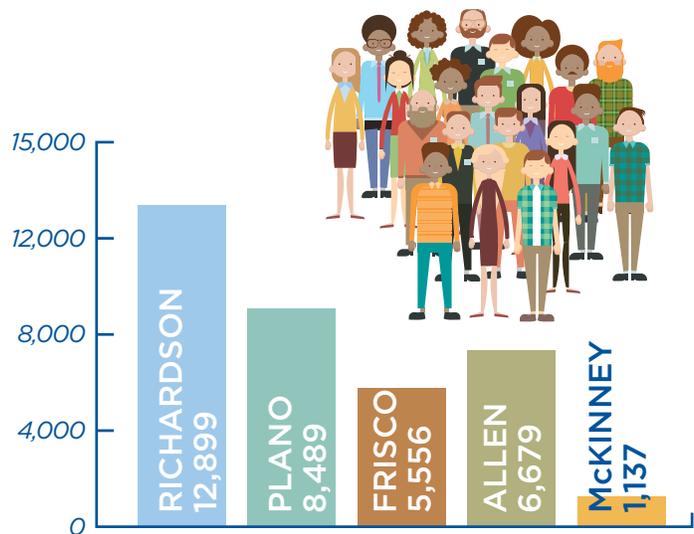
UT Dallas



As a nationally-recognized, Tier I research university, UT Dallas in Richardson will conduct more than \$100 million of funded research in the current fiscal year. The talent, facilities and equipment are all right here to make the Richardson area a premier research hub.”



Joe Pancrazio, Professor of Engineering & Associate Provost, UT Dallas



R&D employees within a 15-minute drive of Richardson vs. surrounding cities (Source: JobsEQ, Q4 2018)

Major R&D Operators in Richardson

- Texas Instruments • www.ti.com
- Qorvo • www.qorvo.com
- Dell EMC • www.dell EMC.com
- Teledyne e2v • www.teledyne-e2v.com
- Honeywell • www.honeywell.com



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