



# Stanford University, USA A Living Example of Dedication of Parents to their only Child.

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A View of Stanford University

The Following Videos take you through the Campus and familiarise with a) how to get admission for higher studies and b) introduce you through the Special features.

<https://www.youtube.com/watch?v=7SS92KCwWWA>

[https://www.youtube.com/watch?v=\\_5I1JNWoWtI](https://www.youtube.com/watch?v=_5I1JNWoWtI)



## The Story of how Stanford was born:

*A lady in a faded grey dress and her husband, dressed in a homespun suit walked in timidly without an appointment into the Harvard University President's outer office. The secretary could tell in a moment that such backwoods, country hicks had no business at Harvard and probably didn't even deserve to be in Harvard.*

*"We want to see the President "the man said softly.*

*"He'll be busy all day "the secretary snapped.*

*"We'll wait" the lady replied.*

*For hours the secretary ignored them, hoping that the couple would finally become discouraged and go away. They didn't and the secretary grew frustrated and finally decided to disturb the president.*

*"Maybe if you see them for a few minutes, they'll leave" she said to him. The President, stern faced and with dignity, strutted toward the couple.*

*The lady told him "We had a son who attended Harvard for one year. He loved Harvard. He was happy here. But about a year ago, he was accidentally killed. My husband and I would like to erect a memorial to him, somewhere on campus."*

*The president wasn't touched....He was shocked. "Madam "he said, gruffly," we can't put up a statue for every person who attended Harvard and died. If we did, this place would look like a cemetery."*

*"Oh, no," the lady explained quickly "We don't want to erect a statue. We thought we would like to give a building to Harvard."*

*The president rolled his eyes. He glanced at the gingham dress and homespun suit, and then exclaimed, "A building! Do you have any earthly idea how much a building costs? We have over seven and a half million dollars in the physical buildings here at Harvard..."*

*For a moment the lady was silent. The president was pleased. Maybe he could get rid of them now. The lady turned to her husband and said quietly, "Is that all it costs to start a University? Why don't we just start our own?"*

*Her husband nodded. The president's face wilted in confusion and bewilderment. Mr and Mrs Leland Stanford got up and walked away, traveling to Palo Alto, California where they established the University that bears their name- Stanford University, a memorial to a son that Harvard no longer cared about.*



The Dish, a 150 feet (46 m) diameter radio telescope on the Stanford foothills overlooking the main campus

## **Stanford University (officially) Leland Stanford Junior**

**University**, is a private research university in Stanford, California, in Silicon Valley, 20 miles (30 km) outside of San Jose. Due to its academic strength, wealth, and proximity to Silicon Valley, Stanford is often cited as one of the world's most prestigious universities.

**The university was founded in 1885 by Leland and Jane Stanford in memory of their only child, Leland Stanford Jr.**, who died of typhoid fever at age 15 the previous year. Stanford was a former Governor of California and U.S. Senator; he made his

fortune as a railroad tycoon. The school admitted its first students on October 1, 1891, as a co-educational and non-denominational institution.

<https://news.stanford.edu/nobel/>

Stanford is one of the most successful universities in creating companies and licensing its inventions to existing companies; it is often held up as a model for technology transfer. Stanford's Office of Technology Licensing is responsible for commercializing developments. The university is described as having a strong venture culture in which students are encouraged, and often funded, to launch their own companies. Some companies closely associated with Stanford include:

- **Cisco, 1984**, founders Leonard Bosack (M.S) and Sandy Lerner (M.S) who were in charge of Stanford Computer Science and Graduate School of Business computer operations groups respectively when the hardware was developed.<sup>[149]</sup>
- **Coursera, 2012**, founders Andrew Ng (Associate Professor) and Daphne Koller (Professor, PhD).
- **Google, 1998**, founders Larry Page (M.S) and Sergey Brin (M.S).
- **Hewlett-Packard, 1939**, founders William R. Hewlett (B.S, PhD) and David Packard (M.S).
- **Silicon Graphics, 1981**, co-founders James H. Clark (Associate Professor) and several of his grad students.
- **Sun Microsystems, 1982**, co-founders Vinod Khosla (M.B.A), Andy Bechtolsheim (PhD) and Scott McNealy (M.B.A).
- **Yahoo!, 1994**, founders Jerry Yang (B.S, M.S) and David Filo (M.S)

# Top University Winning Noble Prizes

## Details of Awarded Nobel laureates and Scholars

Stanford's current community of scholars includes:

- 19 [Nobel Prize](#) laureates (official count; [64 affiliates in total](#));
- 171 members of the [National Academy of Sciences](#);
- 109 members of [National Academy of Engineering](#);
- 76 members of [National Academy of Medicine](#);
- 288 members of the [American Academy of Arts and Sciences](#);
- 19 recipients of the [National Medal of Science](#);
- 1 recipient of the [National Medal of Technology](#);
- 4 recipients of the [National Humanities Medal](#);
- 49 members of [American Philosophical Society](#);
- 56 fellows of the [American Physics Society](#) (since 1995);
- 4 [Pulitzer Prize](#) winners;
- 31 [MacArthur Fellows](#);
- 4 [Wolf Foundation Prize](#) winners;
- 2 [ACL](#) Lifetime Achievement Award winners;
- 14 [AAAI](#) fellows;
- 2 [Presidential Medal of Freedom](#) winners.

Stanford's faculty, present & former, includes **31 Nobel laureates**, as well as 19 recipients (22 if visiting professors and consulting professors included) of the [Turing Award](#), the so-called "Nobel Prize in computer science", comprising one third of the [awards given](#) in its 44-year history. The university has 27 ACM fellows. It is also affiliated with 4 [Gödel Prizewinners](#), 4 [Knuth Prize](#) recipients, 10 [IJCAI Computers and Thought Award](#) winners, and about 15 [Grace Murray Hopper Award](#) winners for their work in the foundations of computer science. Stanford Alumni have started many companies and, according to [Forbes](#), has produced the second highest number of billionaires of all universities.

13 Stanford Alumni have won the [Nobel Prize](#). As of 2016, 116 Stanford students or Alumni have been named [Rhodes Scholars](#). Four more were named in 2017.



Hoover Tower, inspired by the cathedral tower at Salamanca in Spain

Stanford University struggled financially after Leland Stanford's death in 1893 and again after much of the campus was damaged by the 1906 San Francisco earthquake. Following World War II, Provost Frederick Terman supported faculty and graduates' entrepreneurialism to build self-sufficient local industry in what would later be known

as [Silicon Valley](#).<sup>[21]</sup> The university is also one of the top fundraising institutions in the country, becoming the first school to raise more than a billion dollars in a year.<sup>[22]</sup>

The university is organized around three traditional schools consisting of 40 academic departments at the undergraduate and graduate level and four professional schools that focus on graduate programs in Law, Medicine, Education and Business. Stanford's undergraduate program is one of the top three most selective in the United States. Students compete in 36 varsity sports, and the university is one of two private institutions in the [Division I FBS Pac-12 Conference](#). It has gained 115 [NCAA](#) team championships, the most for a university (one more than UCLA), 483 individual championships,<sup>[29]</sup> and has won the [NACDA Directors' Cup](#) for 23 consecutive years, beginning in 1994–1995. In addition, Stanford students and alumni have won [270 Olympic medals including 139 gold medals](#).

Stanford faculty and alumni have founded a large number of companies; these companies produce more than \$2.7 trillion in annual revenue. It is the [alma mater](#) of 30 living billionaires, 17 astronauts, and 20 [Turing Award laureates](#). It is also one of the leading producers of members of the [United States Congress](#), 67 [Nobel laureates](#) and [Fields Medalists](#) have been affiliated with Stanford as students, alumni, faculty or staff.

### **High tech and the rise of Silicon Valley**[\[edit\]](#)

During the 1940s and 1950s, [Frederick Terman](#), as dean of engineering and later as provost, encouraged faculty and graduates to start their own companies. He is credited with nurturing [Hewlett-Packard](#), [Varian Associates](#), and other high-tech firms, until what would become [Silicon Valley](#) grew up around the Stanford campus. Terman is often called "the father of Silicon Valley." Terman encouraged [William B. Shockley](#), co-inventor of the transistor, to return to his hometown of Palo Alto. In 1956 he established the [Shockley Semiconductor Laboratory](#).

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**Best Regards**

**Dr. Joy Banerjee,**

**An Alumnus of IIT (KGP), Arthur D. Little Boston, USA, Ex-World Bank, USA**

**Group Director**

**Chameli Devi Group of Institutions**

**Indore, M.P.**

**Email: [director@cdgi.edu.in](mailto:director@cdgi.edu.in)**

**Phone: 0731- 4243602, +91-9617426564, +919811021727**