

Stanford

Facts 2020





Stanford Facts 2020

Stanford University Today

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Front Cover: Frost Amphitheater officially reopened in the Spring of 2019 after extensive renovations. The Stanford Concert Network's eighth annual Frost Music and Arts Festival featured solo R&B co-headliners Kali Uchis and Jorja Smith.

This page: Admitted students are greeted by cheering students.



🌳 The 2019-2020 Tree mascot greets students.

Welcome to Stanford

Located in the San Francisco Bay Area, Stanford University is a place of learning, discovery, expression and innovation. Founded in 1885, Stanford's areas of excellence span seven schools along with research institutes, the arts and athletics. Stanford's faculty, staff and students work to improve the health and wellbeing of people around the world through the discovery and application of knowledge.

Visitor Information Services

A division of the Stanford University's Office of Undergraduate Admission, Visitor Information Services at 295 Galvez Street offers maps, information and daily campus tours, except during some academic breaks and holidays. Prospective students can tour and experience Stanford through the Discover Stanford program as well as a variety of specialized tours. Focusing on the prospective student population, the Stanford Visitor Center provides guided campus tours to nearly 100,000 people each year, including general walking tours open to the public twice a day. *For tour information, call 650-723-2560, or register at visit.stanford.edu*

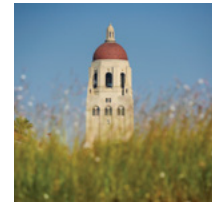
Stanford Memorial Church

Stanford's Memorial Church was established by Jane Stanford in memory of her husband, Leland Stanford. It was dedicated in 1903 and remains the most prominent architectural feature of the Main Quadrangle. The mosaics covering the interior walls depict scenes from the Hebrew Bible. The stained glass windows depict scenes from the Christian scriptures. The church features the Fisk-Nanney organ, which has 73 ranks and 4,332 pipes. *Call 650-723-3469 for docent-led tours.*



Hoover Tower and Pavilion

The 285-foot Hoover Tower was built in 1941 and dedicated as part of Stanford's 50th anniversary celebration. The observation deck offers views of the Santa Clara Valley and houses a carillon of 48 bells, the largest inscribed "For Peace Alone Do I Ring." The lobby features exhibitions on such topics as the institution's founder—Stanford alumnus and US president Herbert Hoover—and collections held at the Hoover Institution Library & Archives.

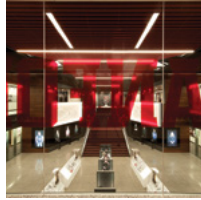


While on Campus

- Learn about Stanford history, discoveries and people. Look for campus kiosks or visit campuskiosks.stanford.edu
- Route information on Stanford's free shuttle is available at: transportation.stanford.edu
- Find places to eat on campus: rde.stanford.edu/hospitality/hours-service

Home of Champions

This space features static and interactive exhibits highlighting the history of Stanford Athletics and the achievements of student-athletes. Open weekdays from 10 a.m.-4 p.m. and Saturdays from 11 a.m.-4 p.m. (closed Sundays). Hours on football gamedays vary. Visit gostanford.com/homeofchampions. Admission is free.



The Dish

The 150-foot diameter radiotelescope in the Stanford foothills called the Dish was constructed in the 1960s to probe the scattering properties of the Earth's ionosphere. It is still in use and is owned by SRI International. More than 600,000 people annually hike the service roads within Stanford's 315-acre habitat reserve, which also supports academic programs, environmental restoration, and habitat conservation. *Access is limited to daylight hours, and pets are prohibited.*



A processional of flags begins the Convocation.



About Stanford

The Leland Stanford Junior University was founded in 1885 by Jane and Leland Stanford in memory of their only child, Leland Jr., who died of typhoid fever at 15. After his 1884 death, the Stanfords determined that they would use their wealth to do something for other people's children.

They decided to create a university that was, from the outset, untraditional: coeducational in a time when most private universities were all-male; nondenominational when most were associated with a religious organization; and practical, producing cultured and useful citizens. The Founding Grant states the university's objective is "to qualify its students for personal success, and direct usefulness in life" and its purpose "to promote the public welfare by exercising an influence in behalf of humanity and civilization."

Leland Stanford, who served as California's governor and senator, devoted to the university the fortune he had earned, first by supplying provisions to the '49ers mining for California gold and later as one of the "Big Four," whose Central Pacific Railroad laid tracks eastward to meet the Union Pacific and complete the transcontinental railway.

Included in the Founding Grant was the Stanfords' Palo Alto Stock Farm for the breeding and training of trotting horses,





⌘ Provost Persis Drell, Apple CEO Tim Cook and President Marc Tessier-Lavigne at Commencement 2019.

35 miles south of the family’s San Francisco residence. The Stanfords stipulated that the land they conveyed to the university could not be sold, and the campus still carries the nickname “the Farm.” The campus is located within the traditional territory of the Muwekma Ohlone Tribe. Over thousands of years, Ohlone people left tangible signs across their homelands, and Stanford cares for many such sites. Today, the university and the Muwekma Ohlone Tribe are partners in community-led archaeology, historic interpretation, and a native plant garden

The Stanfords engaged landscape architect Frederick Law Olmsted to design the campus. Their collaboration with Olmsted and the architectural firm of Shepley, Rutan and Coolidge resulted in Stanford’s characteristic buildings of local sandstone with red-tiled roofs, surrounding a cloistered quadrangle with Memorial Church as its focus. The rectangular plan of the Main Quadrangle was designed to provide for expansion through a series of quadrangles developed laterally.

Stanford opened its doors on Oct. 1, 1891, with some 555 students enrolled in the first year. Stanford’s first president, David Starr Jordan, said to the Pioneer Class: “It is for us as teachers and students in the university’s first year to lay the foundations of a school which may last as long as human civilization...It is hallowed by no traditions; it is hampered by none. Its finger posts all point forward.”

Presidents of Stanford University

1891–1913	David Starr Jordan	1970–1980	Richard W. Lyman
1913–1915	John Casper Branner	1980–1992	Donald Kennedy
1916–1943	Ray Lyman Wilbur ¹	1992–2000	Gerhard Casper
1943–1948	Donald B. Tresidder ²	2000–2016	John Hennessy
1949–1968	J. E. Wallace Sterling ³	2016–	Marc Tessier-Lavigne
1968–1970	Kenneth S. Pitzer		

¹ Robert Eccles Swain served as acting president from 1929–1933.

² Alvin Eurich served as acting president between Tresidder and Sterling.

³ Robert J. Glaser served as acting president between Sterling and Pitzer.

Historic Milestones

1824 Mar. 9	Leland Stanford born	1891 Mar. 22	David Starr Jordan becomes university’s first president
1828 Aug. 25	Jane Lathrop Stanford born	Oct. 1	Opening Day of the university; 555 students registered
1861 Sept. 4	Leland Stanford elected governor of California	1892 Mar. 19	Stanford wins first Big Game with Cal
1868 May 14	Leland Stanford Jr. born	June 27	Hopkins Marine Station established on Monterey Bay
1869 May 10	Leland Stanford drives Gold Spike at Promontory, Utah, for the first transcontinental railroad	1893 June 21	Leland Stanford dies
1872 May	Eadweard Muybridge performs first horse-in-motion experiments	1894 May 30	First PhD awarded
1884 Mar. 13	Leland Stanford Jr. dies in Italy at 15	1895 May 29	Pioneer Class graduates, including Herbert Hoover
1885 Jan. 28	Leland Stanford elected U.S. senator from California	1896 Apr. 4	First women’s intercollegiate basketball game
Nov. 11	Founding Grant of the university executed	1903 Jan. 25	Memorial Church dedicated
1887 May 14	Cornerstone of the university laid	1905 Feb. 28	Jane Lathrop Stanford dies
		1906 Apr. 18	Great San Francisco Earthquake causes extensive damage

1908	Oct. 30	Cooper Medical College acquired
	Dec. 18	School of Law organized
1913	May 23	School of Medicine organized
	Aug. 1	John Casper Branner becomes second president
1916	Jan. 1	Ray Lyman Wilbur becomes third president
1917	Apr. 27	School of Education organized
1919	June 20	Hoover War Collection (now Hoover Institution on War, Revolution and Peace) established
	July 14	Main Library opens
1920	Jan.	First undergraduate tuition charged
1921	May 23	Honor Code adopted
1925	May 15	School of Engineering organized
	Sept. 30	Graduate Business School opens
1941	June	University's 50th anniversary celebrated; Hoover Tower dedicated
1943	Sept. 1	Donald B. Tresidder becomes fourth president
1946		Creative Writing Program founded by Wallace Stegner
1947		School of Mineral Sciences (now Earth, Energy and Environmental Sciences) organized
1948	Sept. 1	Schools of Biological Sciences, Humanities, Physical Sciences and Social Sciences merged into School of Humanities and Sciences

1949	Apr. 1	Wallace Sterling becomes fifth president
1951	Oct. 1	First research park lease signed with Varian Associates
1952	Apr. 1	Douglas Whitaker becomes first provost
	Nov. 6	Physics Professor Felix Bloch becomes Stanford's first Nobel laureate
1958	June 24	First overseas campus opened near Stuttgart, Germany
1962		The radio telescope called the Dish begins operations
1967	Sept. 9	Stanford Linear Accelerator Center (now SLAC National Accelerator Laboratory) dedicated
1968	Sept. 12	Inaugural session, Senate of the Academic Council
	Dec. 1	Kenneth Pitzer becomes sixth president
1970	Sept. 24	Richard Lyman becomes seventh president
1974	Feb. 11	B. Gerald Cantor donates his collection of Rodin sculptures
1980	Aug. 1	Donald Kennedy becomes eighth president
1989	Oct. 17	Loma Prieta earthquake causes extensive damage
1992	Sept. 1	Gerhard Casper becomes ninth president

1998	Sept.	Stanford Alumni Association integrated into the university
1999	Jan.	The Leland Stanford Jr. Museum reopens as part of the Iris & B. Gerald Cantor Center for Visual Arts
2000	May 2	The foothills surrounding the Dish become a habitat conservation area
	Oct. 20	John Hennessy becomes 10th president
2005	Dec. 31	The Campaign for Undergraduate Education raises more than \$1 billion
2011	April 15	Stanford earns its 100th NCAA national team athletic title

2012	Feb. 8	The Stanford Challenge fundraising campaign raises \$6.2 billion
2014	Sept. 21	The Anderson Collection at Stanford University opens
2015	Sept. 21	Stanford's 125th anniversary
2016	Feb. 23	The Knight-Hennessy Scholars Program is announced
	Oct. 21	Marc Tessier-Lavigne becomes 11th president
2018		President shares Stanford's long-range vision

Growth of Academic Council* and Student Body

* Includes tenure-line faculty, non-tenure-line faculty and senior fellows at specified policy centers and institutes. Academic staff—teaching, center fellows and Medical Center-line faculty—are not members of the Academic Council.

	Undergraduate Students	Graduate Students	Academic Council
1900	1,055	114	75
1910	1,498	157	112
1920	2,165	283	150
1930	3,103	1,530	271
1940	3,460	1,782	309
1950	4,805	2,907	372
1960	5,648	4,208	619
1970	6,221	5,217	1,029
1980	6,630	6,236	1,230
1990	6,555	6,886	1,340
2000	6,548	7,700	1,368
2010	6,895	8,870	1,468
2015	6,994	9,196	1,651
2016	7,032	9,304	1,659
2017	7,056	9,368	1,667
2018	7,083	9,437	1,681
2019	6,994	9,390	1,701



^ Students train to operate and test ice-penetrating radar systems

Stanford's distinctive undergraduate programs include:

Introductory Seminars

These small seminar classes for first- and second-year students enroll more than 2,000 students annually. Faculty from all seven schools of the university teach over 200 seminars each year.

Bing Overseas Studies Program

Stanford offers study opportunities in Australia, Berlin, Cape Town, Florence, Hong Kong, Istanbul, Kyoto, Madrid, New York, Oxford, Paris, and Santiago. Also offered are short-term overseas seminars and faculty-led programs in Oaxaca and various locations. In 2018-19, 807 students—48 percent of the average class year—studied away on Stanford programs.

Undergraduate Studies

Students who enjoy learning for its own sake thrive at Stanford. We seek students who have selected a rigorous academic program and achieved distinction in a range of areas.

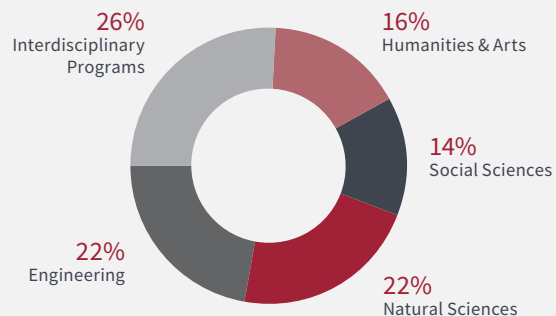
With an approximate 5-to-1 student-to-faculty ratio, Stanford emphasizes close student and faculty interaction. Stanford offers three undergraduate degrees: Bachelor of Arts, Bachelor of Sciences and Bachelor of Arts and Sciences. Each is designed to achieve balance between depth of knowledge acquired through specialization and breadth of knowledge gained through exploration. Three of Stanford's seven schools award undergraduate degrees: Humanities and Sciences; Earth, Energy & Environmental Sciences; and Engineering.

Undergraduates complete at least 180 units, including major courses, writing and rhetoric requirements, and one year of a foreign language. Undergraduates also experience Thinking Matters, a one-quarter course for first-year students; and Ways of Thinking, Ways of Doing, eleven courses in eight subject areas, including aesthetic and interpretive inquiry, applied quantitative reasoning, creative expression, engaging diversity, ethical reasoning, formal reasoning, scientific method, and analysis and social inquiry.

Undergraduate Research

Stanford believes learning is enhanced by participation in research. In 2018-19, about \$6.03 million was allocated for grant programs benefiting 1,024 projects. Almost 90 students conducted research overseas.

Project Funding Across Disciplines





⌘ StanfordVotes encourages voter participation across campus.

The Class of 2023

Total Matriculated

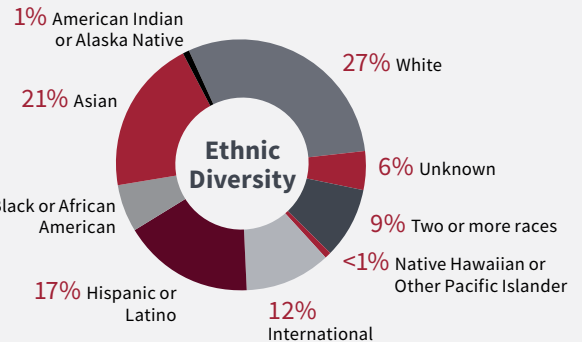
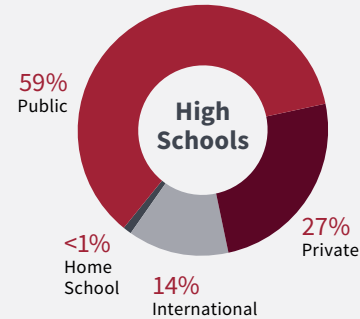
1,701 Students

Gender Balance

52% Women 48% Men

Undergraduate Fields of Study

Stanford offers 65 major fields of undergraduate study. Engineering students may also elect to pursue an individually designed major (IDMEN). For a current listing of major fields of study, visit majors.stanford.edu.



Geographic Diversity

48 US States 79 Non-US Countries

1,819 Bachelor Degrees Awarded in 2019

Top 5 Undergraduate Degrees Awarded

2018-2019

- Computer Science
- Human Biology
- Engineering
- Management Science and Engineering
- Economics

Top Majors by Enrollment

2018-2019

- Computer Science
- Human Biology
- Economics
- Symbolic Systems
- Engineering

All Undergraduates Fall 2019

Total Matriculated

6,994 Students

89%

5-year Graduation Rate

Stanford Student Awards

124

Rhodes
Scholars

94

Marshall
Award Winners

66

Truman
Scholars

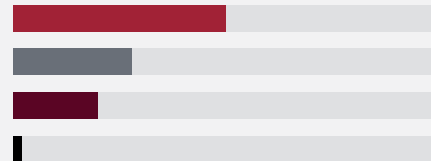
Majors By School

50% Undeclared

28% Humanities
& Sciences

20% Engineering

1% Earth, Energy &
Environmental Sciences



34% 10-19

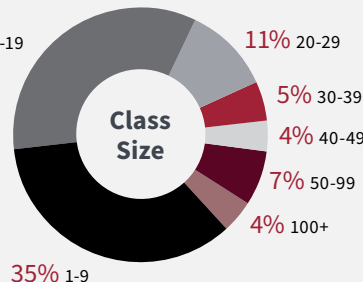
11% 20-29

5% 30-39

4% 40-49

7% 50-99

4% 100+



Gender
Balance

50%
Women

50%
Men

Geographic
Diversity

35%
California

52%
Other U.S.

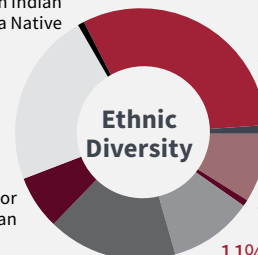
13%
International

1% American Indian
or Alaska Native

23% Asian

7% Black or
African American

17% Hispanic
or Latino



32% White

<1% Unknown

9% Two or more races

<1% Native Hawaiian or
Other Pacific Islander

11%
International



Move-in day at the Ujamaa House.

Undergraduate Financial Aid

Stanford has a long-standing commitment to providing an affordable education to all students, regardless of their economic circumstances. 83% of the recent graduating class had no student debt. Through our generous need-based financial aid program, parents with annual incomes below \$125,000 and assets typical of that income level pay no tuition. In 2020/21 this threshold will increase to \$150,000. Parents with an income at or less than \$65,000 and typical assets pay no tuition or room and board. Starting with the 2019/20 academic year, home equity is no longer a factor in calculating aid eligibility for undergraduates.

Financial Aid 2018/19

Total number of students receiving financial aid toward cost of attendance from a variety of internal and external sources*	4,691
Total number of students enrolled (average of fall, winter and spring)	6,911
Percent of students receiving any form of aid toward cost of attendance	68%
Percent of students awarded need-based Stanford scholarships and grants	48%
Percent of students receiving Pell Grants	17%
Scholarship aid	\$212,259,299
Long-term loans	\$6,017,082
Term-time jobs	\$6,359,128
Total	\$224,635,509

Sources of Scholarship Aid 2018/19

Stanford General Funds	\$28,880,558
Donor Gifts, not including athletic awards	\$21,551,284
Endowment Income, not including athletic awards	\$112,695,440
Trademark Income	\$137,647
Athletic Awards	\$26,067,959
Department Funds	\$1,996,894
Federal Pell Grants	\$5,609,464
Federal Supplemental Grants	\$1,286,009
Other Federal Grants	\$848,491
State Grants	\$2,619,129
Other External Awards	\$10,566,424
Total	\$212,259,299

Students join Double Dutch turners from Stanford Jump Rope at the Activities Fair.



Sources of Scholarship Aid 2018/19 summary

Federal	\$7,743,964
State	\$2,619,129
University	\$191,329,782
External	\$10,566,424
Total	\$212,259,299

Student Budget 2019/20

Tuition	\$52,857
Required Fees**	\$672
Room and Board	\$16,433
Books & Supplies (estimated)	\$1,245
Personal (estimated)	\$3,363
Total Cost of Attendance	\$74,570

Orientation and Document Fee (Fresh/Transfer Only)	\$775
Cardinal Care Health Insurance (12-month coverage)	\$5,592

The median cumulative undergraduate indebtedness for students with debt receiving undergraduate degrees in 2018/19 (Average indebtedness was \$22,897)

Percentage of graduates with debt	17%
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*Stanford provides significant support to students other than the total cost of attendance such as Undergraduate Research Grants. That type of funding is not included in this analysis.

**Includes Campus Health Services fee charged to all students living on campus.

A graduate student works with lab manager through the augmented reality experiment during a testing phase.



Graduate Studies

Graduate education has been central to Stanford's reputation for academic excellence, intellectual innovation, and entrepreneurial spirit since the university's founding. In Stanford's first year, 1891, 39 men and 12 women from 19 states enrolled as graduate students, representing one of the first opportunities for graduate study on the West Coast. Currently, they constitute 57% of Stanford's overall enrollment.

Today, 9,390 students are pursuing 14 distinct post-baccalaureate degrees in nearly 200 graduate programs in all seven of Stanford's schools: Business; Earth, Energy & Environmental Sciences; Education; Engineering; Humanities and Sciences; Law; and Medicine. Stanford offers several doctorates, the PhD, JD, MD, DMA, JSD, and a variety of master's degrees, including the MS, MA, MBA and MFA. About half of Stanford's graduate students are pursuing a doctoral degree; Stanford is consistently among the leading private universities awarding the highest number of PhDs each year.

Academic Life

Stanford's highly collaborative intellectual community provides an unparalleled environment for graduate study and research. Students who pursue graduate and professional

degrees have opportunities to study with a wide array of faculty. Learning specialized knowledge and skills, graduate students also bring vital curiosity and new insights to the pursuit of ideas, forging new paths of understanding and discovery in uncharted terrain.

The Office of the Vice Provost for Graduate Education works collaboratively across the university, leading initiatives and providing resources that enhance the quality of graduate students' educational experiences and position Stanford at the forefront of innovation in graduate education.

Stanford's schools, departments, and faculty have considerable autonomy in shaping their graduate program requirements, allocating resources, and creating innovative learning opportunities. Graduate students engage in learning, teaching, and research that often extend beyond departmental and disciplinary boundaries, and they may study in interdisciplinary or joint degree programs that span schools. Enrollment exchange programs with the University of California, Berkeley, the University of California, San Francisco, and other selected universities around the country enable graduate students to take courses not offered at Stanford.

Graduate students are encouraged to engage in a variety of professional and career development opportunities at Stanford as they develop their skills to embark on the many career paths available to them. Many graduate students have the opportunity to undertake research or teaching assistantships, where they hone their skills as researchers and teachers while also contributing to the university's mission of education and research.

Fellowships and Awards

About 85 percent of Stanford graduate students receive financial assistance from Stanford or external sources. The Office of the Vice Provost for Graduate Education administers seven university-wide graduate fellowship programs. Having gained visibility over the past two decades, the Stanford Graduate Fellowships in Science and Engineering program annually awards three-year fellowships to over 100 exemplary incoming doctoral students in over 40 departments and interdisciplinary programs, granting Fellows autonomy to pursue research interests in specialized fields. Over the past decade, the Stanford Interdisciplinary Graduate Fellowship Program has awarded over 250 three-year fellowships

Graduate Students Fall 2019

to doctoral students whose innovative research crosses traditional disciplinary boundaries. The EDGE (Enhancing Diversity in Graduate Education) Doctoral Fellowship and the DARE (Diversifying Academia, Recruiting Excellence) Doctoral Fellowship programs provide funding and professional development resources to exemplary doctoral students who enhance the diversity within their academic fields.

Stanford graduate students have a long history of competing successfully for national and international fellowships as well as research grants. Over 650 graduate students are supported by a National Science Foundation Graduate Research Fellowship, a three-year fellowship awarded to the nation's most promising scholars.

The Knight-Hennessy Scholars program develops a community of future global leaders to address complex challenges through collaboration and innovation. Every year, up to 100 high-achieving students from around the world will receive full funding to pursue any graduate degree at Stanford, as well as joint- and dual-degrees. Knight-Hennessy Scholars is the largest fully endowed scholars program in the world.

Student Life

Students from a variety of diverse backgrounds and life experiences pursue graduate studies at the university. Approximately 34% of the 2019–20 graduate student population, over 3,100 students, are international students from over 100 countries. The top five countries other than the US that Stanford graduate students call home are: China, India, Canada, South Korea and France. Students from underrepresented backgrounds account for 12% while women constitute 43% of graduate enrollment in 2019–20.

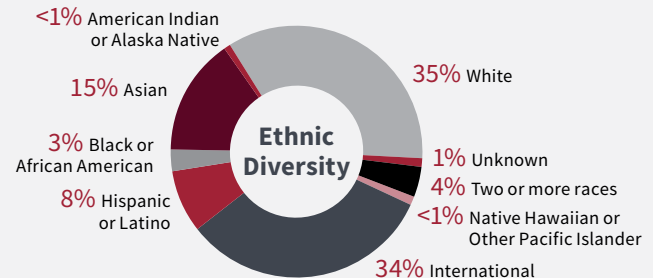
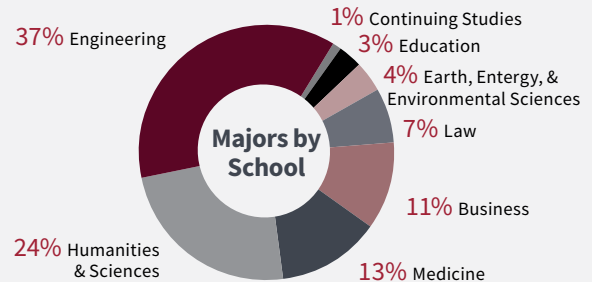
About 66 percent of graduate students live in university-subsidized on- or off-campus housing, and many graduate students live in nearby neighborhoods. Living in close proximity to campus allows graduate students to engage fully in Stanford's vibrant intellectual community. Stanford is making a major investment in graduate housing, building a new complex with 2,400 spaces; it is anticipated to open in 2020. At that point 75% of graduate students will be able to live in subsidized on-campus housing.

Total Matriculated
9,390 Students

Gender Balance
43% Women
57% Men

Degrees Awarded 2018-2019

409 Master's Professional (MBA)	1,978 Master's Academic	270 Doctoral Professional (JD, MD)	770 Doctoral Academic (PhD, DMA, JSD)
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Geographic Diversity
34% International
37% California
29% Other U.S.



Postdoctoral Scholars Fall 2019

Total Postdocs

2,468

*Excludes Medical Fellows

Increase in #
since 2009

47%

Gender Balance

41%
Women

59%
Men

⌘ Postdoctoral scholar works to analyze samples in the Dekas Lab.

Postdoctoral Scholars

Stanford's thriving academic community includes more than 2,400 postdoctoral scholars distributed over five schools. Postdocs contribute to the university's research, education and clinical missions through research, mentoring, teaching, filing patents, creating software, and other activities. About 60% of postdocs are international, bringing perspectives from varied cultures and backgrounds to Stanford.

Professional Development

Stanford's Office of Postdoctoral Affairs provides professional development and administrative support to postdoctoral scholars and the more than 800 faculty with whom they train. Key highlights are directed at early training plans, teaching, and grant writing. The Design your Postdoc curriculum is adapted from the d.school's Designing Your Life work and helps new postdocs maximize their training at Stanford. A Postdoc Teaching Certificate requires roughly 100 hours of training in both required and elective classes and workshops that provide a framework for thinking about, preparing

for, and practicing teaching. The Biosciences Grant Writing Academy is a key collaborator that supports postdocs in writing fellowship and career development proposals. Other professional development collaborators include Biosci Careers, BEAM-Stanford Career Education, and the office of the Vice Provost for Graduate Education, which are geared to support growing independence and career transition.

Community

The Office of Postdoctoral Affairs works to provide community for postdoctoral scholars. A new recruitment program has successfully expanded the pool of scholars considering postdoctoral training at Stanford, enriching the population. SURPAS, the postdoc association, actively advocates on behalf of the entire population and organizes social activities with subcommittees focused on areas such as family, international scholars, transportation and housing, and career development. Affinity groups include the Stanford Black Postdoc Association, the Stanford LatinX Postdoc Association and oSTEM.



↗ Finalists for the Knight-Hennessy scholarships get to know each other.

Schools and Programs

Degrees

Stanford offers the following degrees: BA, BS, BAS, MA, MS, PhD, DMA, MD, MBA, JD, JSD, JSM, LLM, MFA, MLS, MLA, MPP, ENG

Graduate School of Business Dean: Jonathan Levin

Stanford Graduate School of Business (GSB) is dedicated to empowering principled leaders to change lives, change organizations, and change the world. Distinguished faculty, including three Nobel laureates, engages with students in three degree programs: the two-year full-time MBA, one-year full-time Master of Science for experienced leaders (MSx), and PhD. In addition, a vibrant portfolio of more than 70 certificate and short courses, delivered both on-campus and on-line around the world, provide frameworks for executives and leaders to apply innovative solutions within their organizations as well as to the world's most challenging issues. Alumni join a powerful and close-knit network of trailblazers around the world. *Visit gsb.stanford.edu.*

School of Earth, Energy & Environmental Sciences (Stanford Earth) Dean: Stephan Graham

Understanding how the planet works and helping solve the resource and environmental challenges facing humanity are the focus of research and teaching in the School of Earth, Energy & Environmental Sciences. The school's strengths include subsurface processes and their relationship to energy and water resources, natural hazards and the evolution of Earth, as well as outer envelope processes—the “life support system” of oceans, land, atmosphere and climate. The school awards BS, MS, MA, Engineer and PhD degrees. *Visit earth.stanford.edu.*

Graduate School of Education Dean: Daniel Schwartz

The Graduate School of Education enrolls about 400 graduate students, preparing the next generation of education scholars, policymakers, entrepreneurs, executives and school leaders. The GSE's faculty draw from a variety of disciplines to produce scholarship that shapes teaching and learning worldwide. They partner with schools, nonprofits and governments to improve policies and practice and help prepare all learners for a dynamic future. The GSE offers the Doctor of Philosophy, Master of Arts and Master of Arts with teaching credential, as well as three joint degrees in public policy, law and business. It also offers an undergraduate program. *Visit ed.stanford.edu.*

School of Engineering Dean: Jennifer Widom

Stanford Engineering has been at the forefront of innovation for nearly a century, laying the technological and business foundations for what we now know as Silicon Valley and creating pivotal technologies that have transformed the worlds of information technology, communications, health care, energy, business and beyond. With more than 5,000 graduate and undergraduate students and 280 faculty across nine departments and more than 80 laboratories, centers, institutes and programs, the school focuses on seeking solutions to important global problems and educating leaders who will make the world a better place by using the power of engineering principles, techniques and systems. The school aims to educate engineers who possess not only deep technical excellence, but the creativity, cultural awareness and entrepreneurial skills that come from exposure to the liberal arts, business, medicine and other disciplines that are an integral part of the Stanford experience. *Visit engineering.stanford.edu*

School of Humanities and Sciences Dean: Debra Satz

The School of Humanities and Sciences is Stanford's largest school. As the home of Stanford's world-class liberal arts education, the school encompasses more than 45 departments and interdisciplinary degree programs that span the humanities, arts, languages and literatures, social sciences, mathematics, and the physical and life sciences. H&S enrolls more than 2,300 graduate students and 2,200 undergraduate students and has more than 570 faculty members. H&S serves as the foundation of a Stanford undergraduate education no matter which discipline students pursue as a major. The school's graduate programs lead to Doctor of Philosophy, Doctor of Musical Arts, Master of Arts, Master of Science, Master of Public Policy or Master of Fine Arts degrees. *Visit humsci.stanford.edu.*

Stanford Law School Dean: Jenny S. Martinez

Stanford Law School combines classic and innovative legal education, with about 70 faculty members and 180 new JD students annually. The student-to-faculty ratio is 4 to 1. The school offers 21 joint degree programs in areas ranging from bioengineering to business to public policy. Eleven clinics allow students to undertake the roles of practicing lawyers, and 25+ academic programs and centers and about 15 policy practicums offer opportunities for research and policy work. *Visit law.stanford.edu*

School of Medicine Dean: Lloyd Minor

The School of Medicine, the oldest medical school in the western United States, encourages intellectual diversity in students interested in developing a scholarly, investigative approach to problems in medicine and science and using discoveries to transform patient care. The school has 1,096 faculty, including seven Nobel laureates; 1,428 postdoctoral scholars; 489 MD students; 1,172 PhD and MS candidates; and 1,356 residents and clinical fellows. Faculty deliver care and medical students gain experience at Stanford Hospital and Stanford Health Care, Lucile Packard Children's Hospital Stanford and Stanford Children's Health, Palo Alto Veterans Affairs Medical Center, Santa Clara Valley Medical Center, and other affiliated sites, including the VA Palo Alto Health Care System. Faculty received \$728 million for sponsored research in 2019 and \$458 million in NIH funding in 2018. *Visit med.stanford.edu*

Other Academic Programs

Distinguished Careers Institute

The Stanford Distinguished Careers Institute (DCI) seeks to improve the life journey of accomplished individuals in midlife by helping them renew their purpose, build a new community and recalibrate wellness—physically, emotionally and spiritually. DCI also seeks to foster intergenerational engagement in an academic setting to help create a new paradigm for the university of the future. This academic year program brings 25-30 Fellows to campus each year. *Visit dci.stanford.edu*

Executive Education

Stanford Graduate School of Business Executive Education offers individuals and companies in-person and online programs, along with blended learning that includes both face to face and online

components, to enhance leadership skills, build foundations in general management, and build connections to a global network of peers. *Visit gsb.stanford.edu/exec-ed*

Online Education

Stanford has been a leader in computer use, instruction, and research, as well as pedagogical innovation and learning research — all of which combined have led to the evolution of MOOCs (massive open online courses); online and hybrid master's degree programs, graduate study through certificate programs and courses, and professional education; flipped and blended classes; technology-rich learning spaces; and ultimately the synthesis of residential, remote and hybrid learning. Nearly 10 million people have enrolled in Stanford Online's free courses since they were first offered in 2011. *For a full list of online offerings: online.stanford.edu*

Pre-Collegiate Studies Executive Director: Rick Sommer

Pre-Collegiate Studies offers innovative educational opportunities, both online and on-campus, that serve over 3,000 academically talented and intellectually curious pre-college students from around the world. Online offerings include the Stanford Online High School, a highly selective independent school with real-time seminar-style classes for students in grades 7-12. Residential summer offerings include Pre-Collegiate Summer Institutes, Stanford University Mathematics Camp, Summer Humanities Institute, Stanford Medical Youth Science Program, Stanford AI4ALL, Summer Arts Institute, and International Institutes. Year-round on-campus programs include the Math, Science, and Humanities Circles. *Visit spcs.stanford.edu*

Stanford Continuing Studies Dean: Daniel Colman; Director and Associate Dean: Jennifer Deitz

Continuing Studies offers approximately 550 courses per year, attracting more than 16,000 students. Courses range from liberal arts and sciences to creative writing to professional and personal development, offered both on-campus and online. All Continuing Studies courses are open to adult students everywhere. *Learn more: continuingstudies.stanford.edu*

Accreditation

Stanford University is accredited by the Accrediting Commission of Senior Colleges and Universities of the Western Association of Schools and Colleges.



Stanford's Fall 2019 community of scholars includes:

17
Nobel laureates

32
Nobel Prize winners since the university's founding

31
MacArthur Fellows

4
National Humanities Medal recipients

4
Pulitzer Prize winners

12
National Medal of Science recipients

1
National Medal of Technology recipient

285
American Academy of Arts and Sciences members

162
National Academy of Sciences members

109
National Academy of Engineering members

76
National Academy of Medicine members

29
National Academy of Education members

47
American Philosophical Society members

5
Wolf Foundation Prize recipients

2
Presidential Medal of Freedom recipients

1
National Medal of Arts recipient

4
Kavli Prize laureates

7
A.M. Turing Award winners while on faculty

⌘ Class in session with Young Jean Lee, associate professor of theater and performance studies in the School of Humanities and Sciences.

Stanford Faculty

Stanford faculty are leaders in their fields with their accomplishments recognized across the disciplines. Faculty work closely with students and conduct groundbreaking research.

Today, Stanford has 2,276 members of the professoriate faculty. There are 651 members appointed to endowed professorships.

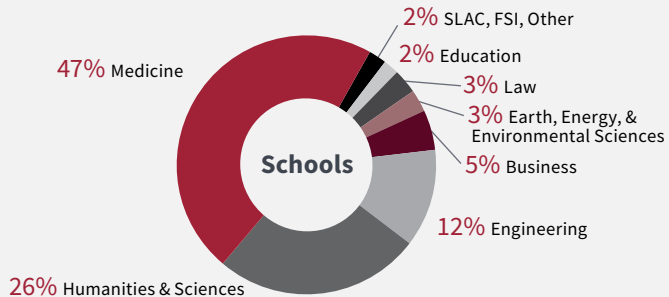
Faculty Profile Fall 2019

2,276
Faculty*

1,701
Members of
Academic
Council

651
Appointed
to endowed
professorships

99%
Hold the
highest degree
in their field



Tenure/Appointment

53% Tenure
Line, Tenured

25% Medical
Center Line

16% Tenure Line,
Not Tenured

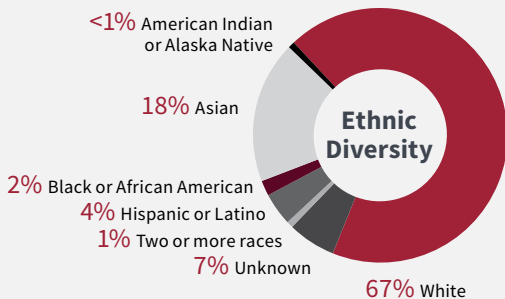
6% Other

Tenure-line Faculty

63% Professor

20% Assistant
Professor

17% Associate
Professor



Gender Balance

30%
Women

70%
Men



∞ Stanford employees enjoy the sun and camaraderie as they participate in the annual Cardinal Walk.

Staff

Stanford staff make contributions across all schools and units that enable the university's research and learning activities, a vibrant campus life, and operational effectiveness. Staff work to advance the university's mission of knowledge, learning, and innovation for a rapidly changing world. Stanford's culture of inclusion, collaboration, and continuous learning is reflected in its staff community. The university supports staff in lifelong learning and professional growth.

In 2019

13,300*

staff members supported teaching, learning, research and core operations at Stanford

This includes:

8,984
Managerial and
professional
staff

1,798
Administrative
and technical
staff

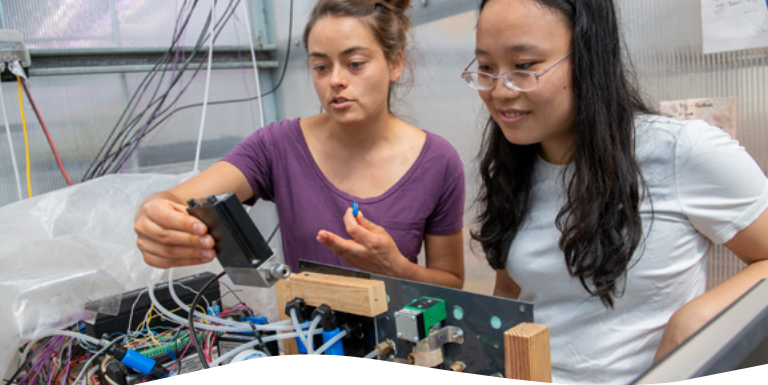
1,042
Service and
maintenance
staff

1,476
Staff at
SLAC National
Accelerator
Laboratory

For more information about working at Stanford, visit stanfordcareers.stanford.edu

*Includes tenure-line and non-tenure-line faculty, senior fellows and center fellows at specified policy centers and institutes, and Medical Center-line faculty.

*Regular/Benefits-eligible staff. Excludes faculty, graduate students and hourly workers.



» Undergraduate students looking at how climate change and soil contamination will impact rice yield and grain quality in the year 2100.

Research and Innovation

Stanford research is remarkable in both its breadth and depth, with research programs that reflect the expertise, creativity and initiative of the faculty who set the research agenda. Faculty have a long tradition of engaging with their colleagues and students within Stanford's seven schools and working across disciplines.

Sponsored Research

There are more than 6,800 externally sponsored projects throughout the university, with the total budget for sponsored projects at \$1.63 billion for 2019-20, including the SLAC National Accelerator Laboratory (SLAC). Of these projects, the federal government sponsors approximately 80 percent, including SLAC. Also, nearly \$354 million in support comes from non-federal funding sources.

National Research Programs with Centers at Stanford

- » Departments of Plant Biology and Global Ecology of the Carnegie Institution for Science
- » National Bureau of Economic Research

Independent Laboratories, Centers and Institutes

There are 17 independent laboratories, centers and institutes that provide a physical and intellectual intersection between

schools and disciplines. These institutes are in line with Stanford's long standing tradition of crossing boundaries to tackle large problems, engaging faculty and their students in collaborations that range from international and economic studies to studies on the environment, energy and health. interdisciplinary.stanford.edu

Science, Technology, Engineering and Math (STEM) Laboratories and Institutes:

- » Stanford Bio-X
- » Wu Tsai Neurosciences Institute
- » Stanford Chemistry, Engineering and Medicine for Human Health (ChEM-H)
- » Stanford Institute for Materials and Energy Sciences (SIMES)
- » The Stanford PULSE Institute
- » Kavli Institute for Particle Astrophysics and Cosmology (KIPAC)
- » Geballe Laboratory for Advanced Materials (GLAM)
- » E. L. Ginzton Laboratory
- » W. W. Hansen Experimental Physics Laboratory (HEPL)

Policy Institutes:

- » Freeman Spogli Institute for International Studies (FSI)
- » Stanford Institute for Economic Policy Research (SIEPR)
- » Human-Centered Artificial Intelligence (HAI)
- » Stanford Woods Institute for the Environment
- » Precourt Institute for Energy

Humanities and Social Science Centers include:

- » Stanford Humanities Center (SHC)
- » Stanford Center on Longevity (SCL)
- » Center for Advanced Study in the Behavioral Sciences (CASBS)

Other Special Research Centers

SLAC National Accelerator Laboratory

SLAC National Accelerator Laboratory is a U.S. Department of Energy national laboratory operated by Stanford. Research at SLAC addresses questions in chemistry, materials and energy sciences, bioscience, fusion energy science, high-energy physics, cosmology, advanced accelerator development and other fields. More than 2,700 scientists worldwide use the lab's facilities each year, and more than 900 scientific papers are published annually based on research at SLAC, which has earned four Nobel prizes. www6.slac.stanford.edu

Hoover Institution

Established by Herbert Hoover—a member of Stanford's Pioneer Class of 1895 and the 31st US president—the Hoover Institution marked its centennial in 2019. From its initial charge to collect materials documenting the experience of war and the pursuit of peace, the institution stands today as the world's preeminent archive and policy research center dedicated to freedom, private enterprise, and effective, limited government. hoover.org

Jasper Ridge

Jasper Ridge Biological Preserve, located in the Santa Cruz foothills about 15 minutes from the main Stanford campus, encompasses 1,193 acres and provides a natural laboratory for ecosystem research and teaching. Docent-led tours are offered to groups aligned with the preserve's mission to contribute to the understanding of the Earth's natural systems through research, education, and protection of the preserve's resources. jrpbp.stanford.edu, 650-851-6813.

Hopkins Marine Station

Hopkins Marine Station opened in 1892 as the first marine research facility on the Pacific Coast and the second in the United States. Located on Monterey Bay, Hopkins is home to marine research and study by 11 faculty, staff, undergraduate, graduate and post-doctoral students. Hopkinsmarinestation.stanford.edu

✧ Makers Faire event showcasing innovative projects and the creativity behind them.



Technology Licensing

In Sep 2018 - August 2019 Stanford received \$49.3 million in gross royalty revenue from 875 technologies. 49 of the inventions generated \$100,000 or more in royalties. Five inventions generated \$1 million or more. The Office of Technology Licensing (OTL) evaluated 564 new invention disclosures and concluded 122 new licenses/options. 54 of the licenses were nonexclusive, 37 were exclusive and 26 were option agreements. 24 of the 122 agreements were with Stanford start-ups and 30 of them involved equity.

Among the inventions licensed by OTL:

- » **Antibody therapies:** In the 1980s, Leonard Herzenberg, Vernon Oi and Sherie Morrison invented a technique for producing functional antibodies, enabling treatments for such conditions as autoimmune diseases and cancer.
- » **Data analytics:** Visualization software created in the laboratory of Patrick Hanrahan helps anyone working with large amounts of data to quickly analyze, visualize and share information.
- » **Digital music:** John Chowning developed FM sound synthesis for digitally generating sounds in the late 1960s, leading to the music synthesizer.
- » **DSL:** In the 1980s, John Cioffi and his students discovered how to use traditional phone lines for high-speed data transmission, resulting in patents used in asymmetric digital subscriber lines.
- » **Google:** The world's most popular search engine got its start at Stanford in 1996 when Sergey Brin and Larry Page developed the page-rank algorithm while graduate students.
- » **Recombinant DNA:** This ubiquitous tool for molecular biology was developed in 1973 by Stanley Cohen and Herbert Boyer to enable scientists to perform genetic engineering by combining pieces of DNA from different organisms.
- » **Tuberculosis test:** Gary Schoolnik and his colleagues developed a diagnostic test for tuberculosis that can distinguish between patients who have been vaccinated and those who have the disease.

Innovation

Stanford alumni and faculty have created more than 39,900 companies since the 1930s. Frederick Terman, provost from 1955 to 1965, is called the “academic architect” of the high-technology region known as Silicon Valley.

Stanford graduates have founded, built or led thousands of businesses, including some of the world’s most recognized companies – Google, Nike, Cisco, Hewlett-Packard, Charles Schwab, Yahoo!, Gap, VMware and Netflix. The Stanford community also has created many non-profit organizations over the decades, including such well-known organizations as Kiva, the Special Olympics and Acumen Fund.



⌘ Deborah Kass’ monumental sculpture offers a bright welcome to students and visitors at the original neo-classical entrance to the museum.

Notable Dates in Computing

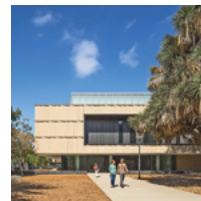
- | | |
|---|--|
| 1953 High-speed electronic calculator installed on campus | 1987 First residential computing program established at Stanford |
| 1956 First computer installed | 1988 Stanford’s network is one of the first to connect to the Internet |
| 1957 First faculty member specializing in computers hired | 1991 SLAC creates the first U.S. website |
| 1965 Computer Science Department founded | 2005 Stanford is the first university to launch a public site on iTunes U |
| 1968 Computer mouse, hypertext linking debuted at Stanford | 2013 Stanford engineers build computer using carbon nanotubes |

The Arts

The arts are integral to a Stanford education and to what Stanford offers the community and the world. The campus is home to two art museums and several smaller galleries, multiple performance venues, as well as departmental programs in art and art history, creative writing, dance, film and media studies, music, and theater and performance. An array of student performance groups and outdoor art make the campus a rich environment for art, artists and audiences.

Anderson Collection at Stanford University

The Anderson Collection opened in 2014 and features modern and contemporary American art representing Abstract Expressionism, Bay Area Figuration, Color Field Painting and more. Artists include Richard Diebenkorn, Helen Frankenthaler, Joan Mitchell and Jackson Pollock. anderson.stanford.edu.



Cantor Arts Center

The Cantor Arts Center was founded in 1891 and is home to an encyclopedic collection of more than 45,000 works of contemporary and classical art. Its 24 galleries and 20 special exhibitions and programs each year span the globe and spark interdisciplinary conversations about critical issues. It is one of the most visited university art museums in the country. museum.stanford.edu.



Bing Concert Hall, Frost Amphitheater, Roble Gym, Memorial and Dinkelspiel Auditoriums

Bing Concert Hall hosts music, dance and theater year-round, anchored by professional performances presented by Stanford Live. Recently renovated Frost Amphitheater, which hosts Stanford Live performances and university events, seats up to 8,000 guests and is one of the largest outdoor venues on campus. Stanford's largest indoor performance space is Memorial Auditorium, which presents the university's largest musicals, dance performances and notable speakers. Roble Gym is home to the Department of Theater and Performance Studies and includes a dance studio and Roble Studio Theater. Dinkelspiel Auditorium serves the Department of Music and the rest of the university for large performances, lectures, symposia and rehearsals. live.stanford.edu and taps.stanford.edu.



Coulter Art Gallery, Mohr Student Gallery and Stanford Art Gallery

The Department of Art and Art History manages three public galleries on campus. Coulter Art Gallery and Mohr Student Gallery are located in the McMurtry Building, an interdisciplinary hub and home for the department that fosters interaction and collaboration among students and faculty, and supports the integration of the arts into university life. The department's third exhibition space is the historic Stanford Art Gallery on Lasuen Mall, a gift to the university from Leland Stanford Sr.'s younger brother, Thomas, and the keystone building of the university's second quadrangle in 1917. art.stanford.edu.



Hanna House

Frank Lloyd Wright's Hanna House was built in 1937. Its unique design is based on hexagonal geometry, with no right angles in the floor plan. Hanna House is open twice a year for public tours through the Stanford Historical Society. historicalsociety.stanford.edu



Campus Architecture

Located just beyond stately Palm Drive and the Oval, Stanford's 17-acre Quad is the oldest part of campus and the heart of the university. Its arches and walkways inspired the modern design of the nearby Science and Engineering Quad. Other notable campus buildings include the James H. Clark Center for interdisciplinary research, Stanford Law School's Neukom Building, Hoover Tower, the Bass Biology Building and the recently renovated Sapp Center for Science Teaching and Learning, originally the chemistry building dating to 1902. The architecture of the Bing Concert Hall, the Anderson Collection at Stanford, and the McMurtry Building for Art and Art History, illustrates Stanford's commitment to the arts. Stanford's Central Energy Facility has won numerous design and environmental awards since its completion in 2015.



Outdoor Art and the Arboretum

From Papua New Guinea sculptures and Alexander Calder's *The Falcon* on the south side of campus to Peter Wegner's site-specific works at the Graduate School of Business to the carved marble *Angel of Grief* in the arboretum, there are more than 85 works of outdoor art on Stanford campus. Also in the arboretum is the Stanford family mausoleum, which holds the remains of Leland and Jane Stanford and their son, the Arizona Garden, which features cacti and succulents planted in the 1880s, and Andy Goldsworthy's *Stone River*, a 320-foot sculpture constructed of sandstone from university buildings destroyed in the 1906 and 1989 earthquakes. arts.stanford.edu/map.





Libraries and Resources

✧ A student works on research in the stacks of Green Library.

Libraries

As an intellectual nexus on campus, Stanford Libraries offers students, faculty and scholars online and offline environments to explore, investigate and collaborate. With a network of 20 libraries, visitors can engage with primary resources, connect to journals, articles and databases, partner with subject matter experts for assignments and research, discover ways to access and manipulate collections in digital libraries across the globe, and attend workshops—including geospatial tools and introductions to R, Python and Stata among many other topics.

Stanford Libraries have destinations for quiet and collaborative study, where visitors can immerse themselves among unique and rare materials from collections like the Silicon Valley Archives, the David Rumsey Map Collection, the Bob Fitch Photography Archive of major social justice movements, Chinese Comic Books and University Archives. The Libraries team and resources support all disciplines and seek to provide visitors with a safe, welcoming and productive environment suitable for their scholarly pursuits. *library.stanford.edu* | *searchworks.stanford.edu* | *@StanfordLibs*

Stanford University Press

Founded in 1892, Stanford University Press publishes approximately 130 books a year across the humanities, social sciences, law, and business. These books inform scholarly debate, generate global and cross-cultural discussion, and bring award-winning scholarship to the wider reading public. At the leading edge of both print and digital dissemination of innovative research, with more than 3,000 books currently in print, SUP is a publisher of ideas that matter, books that endure. *sup.org*

Staying Informed

Stanford Report delivers news and information about research, campus life, events and more for the Stanford community and beyond via email each weekday. *Subscribe at news.stanford.edu/stanford-report.*

The Stanford Mobile app, available for both iOS and Android, provides access to the campus map, event calendar, campus directory, dining locations, shuttle bus schedules and more.

Stay connected to @Stanford on Facebook, Twitter, Instagram, and YouTube.



⤴ New student orientation and move-in day.

Student Life

Housing

As of Autumn Quarter 2019, 6,519 undergraduate and 6,109 graduate students live in university-provided housing. Housing is guaranteed for entering first-year students for four years. About 97 percent of all eligible undergraduates live in campus housing. The undergraduate housing system includes 80 diverse facilities. The university offers on-campus houses for Greek-letter organizations. About 66 percent of graduate students eligible for housing live in university-provided housing designed for single students, couples and families with children. New graduate students are guaranteed housing their first year at Stanford when they apply by the spring deadline.

Dining

Residential & Dining Enterprises (R&DE) provides dining and hospitality services in over 30 locations from cafés to dining halls on two campuses. R&DE serves more than six million meals a year in its dining halls, late night venues, retail cafes, executive dining, catering, athletic concessions, convenience markets and vending programs. R&DE offers educational programs to support and engage in community building, sustainability, research, health and wellness. These include the R&DE Stanford Food Institute, R&DE Teaching Kitchen,

BeWell Community and Dining Hall Organic Teaching Gardens, R&DE Women's Leadership Summit, Stanford Flavor Lab, Chef Tables, Tasting Tables, and student internship programs. The R&DE dining halls and cafes are also living laboratories, where collaboration occurs with Stanford faculty, to support the academic mission through educational programs and research.

Student Organizations

The Office of Student Engagement oversees 600 official student organizations at Stanford. On average, most students are involved in three organizations and over 1500 events a year are planned by student organizations. There are about 30 recognized religious organizations, and more than 100 committed to the arts. Other types of organizations include ethnic/cultural, community service, social awareness, social, athletic and recreational, and pre-professional/academic. About 25 percent of undergraduate students join one of the 14 fraternities or 12 sororities recognized on campus. The main student newspaper is the *Stanford Daily*. The Associated Students of Stanford University (ASSU) is the representative government for both undergraduate and graduate students.

Leadership Programs

Along with other units on campus, the Office of Student Engagement is a hub for programs that center around creating vibrant leadership experiences for students. We believe that leadership is a collaborative, reflective, and intentional process where people come together to achieve shared goals. Through our programs, workshops, and trainings, we believe that students will be empowered individuals ready to be active citizens of the world.

Haas Center for Public Service

The Haas Center for Public Service is the hub of Cardinal Service, a university-wide effort to make service an essential feature of a Stanford education. The center engages students through service, scholarship, and community partnerships, offering connections to student-led service organizations and signature Stanford service programs; more than 170 community-engaged learning Cardinal Courses; nearly 500 Cardinal Quarter full-time service fellowships and internships offered locally, nationally, and globally with Stanford support; and advising and support to pursue public interest careers.

Traditions

Big Game is the annual football game against the University of California-Berkeley Golden Bears, sometimes referred to as the Battle of the Bay.

Fountain hopping involves touring Stanford's main campus fountains and perhaps dipping your feet (or more) in them.

The Wacky Walk occurs during the first part of commencement, when undergraduates forgo a more traditional entrance and instead stride into Stanford Stadium, often in costume.

Cardinal Nights are popular evenings of student activities that challenge the normative belief that alcohol is needed to have fun on a college campus by providing premium, equally attractive, social programming.

∨ Fountain hopping in Tanner Fountain.



∧ Stanford defeated North Carolina to capture the 2019 NCAA women's soccer championship.

Cardinal Athletics

Stanford takes pride in its students achieving at the highest levels of world-class academics and championship athletics. In 2018-19, Stanford captured its 25th consecutive Learfield Sports Directors' Cup in addition to securing a record sixth women's Capital One Cup.

Stanford holds one of the most recognizable streaks in college athletics, having now won at least one NCAA team championship for 44 consecutive years. In 2018-19, the Cardinal won NCAA crowns for women's volleyball, women's swimming and diving, men's gymnastics, women's water polo, women's tennis and men's golf, along with an IRA title in women's lightweight rowing, bringing the total to seven national championships. The Cardinal won three more NCAA crowns in the fall of 2019, claiming titles in men's water polo, women's soccer and women's volleyball.

Stanford has won 126 NCAA championships overall, maintaining its position as the nation's all-time leader.

Stanford athletes were successful in the classroom, with 11 programs earning perfect 1,000 multi-year Academic Progress Rate (APR) scores, measuring data collected over a span of four academic years. Additionally, 12 varsity teams earned APR Public Recognition Awards from the NCAA.

The fourth year of the Rubenstein-Bing Student-Athlete Civic Engagement (ACE) Program also yielded positive results, as 20 student-athletes joined their peers from Duke in a three-week, immersive summer service volunteer program with visits to South Africa, Vietnam, China and Peru. The Cardinal also was honored with 14 CoSIDA Academic All-Americans, highlighted by Makenzie Fischer's selection as the Academic All-American Team Member of the Year to go along with her Peter J. Cutino Award as the nation's top women's water polo player.

Cardinal has been the color of Stanford athletic teams since 1891. In 1930, Stanford officially adopted the Indian symbol and nickname for its teams. In 1972, the Indian mascot was dropped at the request of Native American students. Today, Stanford teams are called the Cardinal.

Varsity Sports at Stanford

The Department of Athletics offers 36 varsity sports—20 for women, 16 for men (sailing is a co-ed sport). Also offered are 31 club sports. Stanford offers over 350 athletic scholarships and approximately 900 students participate in intercollegiate sports.

Women's Varsity Sports

Basketball
Beach Volleyball
Cross Country
Fencing
Field Hockey
Golf
Gymnastics
Lacrosse
Lightweight Rowing
Rowing

Sailing
Soccer
Softball
Squash
Swimming and Diving
Synchronized Swimming
Tennis
Track and Field
Volleyball
Water Polo

Men's Varsity Sports

Baseball
Basketball
Cross Country
Fencing
Football
Golf
Gymnastics
Rowing
Sailing
Soccer
Swimming and Diving
Tennis
Track and Field
Volleyball
Water Polo
Wrestling

152

Total National Championships

65

National Team Championships since 2000

12

Stanford scholar athletes who have been Rhodes Scholars

126

Total NCAA Championships

270

Olympic medals won by 165 Stanford-affiliated athletes

595

Individual national champions

44

Consecutive years with at least one NCAA championship

173

NCAA Postgraduate Scholars

527

Individual NCAA champions



⌘ Official opening and ribbon cutting this year at the Stanford Redwood City campus.

The main Stanford campus is located in six different governmental jurisdictions:

4,017 acres in unincorporated Santa Clara County	2,701 acres in unincorporated San Mateo County	1,161 acres in Palo Alto
114 acres in Woodside	111 acres in Menlo Park	76 acres in Portola Valley

8,180 total acres

Stanford Campus

Stanford University's main campus is located on 8,180 acres in the center of the San Francisco Peninsula. Stanford land features 49 miles of roads, two separate water systems, three dams, three open water reservoirs, 88 miles of water mains and a post office. Stanford's Central Energy Facility utilizes heat recovery and thermal storage to maximize efficiency in the university's heating and cooling systems.

Redwood City

In 2019, phase one of Stanford's 35-acre Redwood City campus opened and is home to over 2,000 Stanford staff. A center of excellence for critical areas that support the university's mission of research and education, Stanford Redwood City is located a mile from downtown and five miles from Stanford's main campus. Campus facilities include the Cardinal Cafe, Recreation and Wellness Center and Pine Cone Children's Center.

Getting Around

There are over 13,000 bikes on the campus daily, and Stanford is the only university awarded three Platinum Bicycle Friendly University designations in a row (2011–2015, 2015–2019, and 2019–2023). Freshmen may not bring cars to campus, but the free Marguerite shuttle includes 67 buses in a 23-route system, including 41 electric buses. Stanford has a 10,000+ member Commute Club; free transit for eligible affiliates on Caltrain, VTA, Dumbarton Express, AC Transit's Line U, and SamTrans; 30 vanpools with a 100% subsidy; discounted Zipcar car sharing; special pricing with the Scoop carpool app; free commute planning; charter services; a virtual permit system; and a bike program.

The Stanford Campus

Features Roughly



700

buildings that incorporate about 15.4 million square feet.



43,000

trees, 25 fountains, and over 800 different species of plants.



140

retail stores in the 70-acre Stanford Shopping Center



150

companies in the 700-acre Stanford Research Park



900

owner-occupied housing units for faculty



950

rental units for faculty and staff.

As of 12/31/19

Campus Safety

The Stanford University Department of Public Safety (SUDPS) provides law enforcement, security, safety, crime prevention and emergency services on campus 24 hours a day. The department is comprised of sworn and non-sworn personnel. Sworn officers are reserve Deputy Sheriffs with the Santa Clara County Sheriff's Office and are empowered to enforce the law in the State of California pursuant to Penal Code 836. SUDPS produces the Stanford Safety, Security and Fire Report in compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act. The 2019 annual report can be found here: police.stanford.edu/pdf/ssfr-2019.pdf. The business phone number for SUDPS is 650-723-9633 and the website is police.stanford.edu

Sustainable Stanford

Stanford leads by example in working to reduce its environmental footprint and by engaging the campus community to save resources and contribute to a culture of conservation and innovation.



72%

Reduction in campus greenhouse gas emissions, exceeding state and national targets



26%

Reduction in campus energy use per square foot since 2000.



60+

Local farms supply organic, humanely raised, fairly-traded food



45%

Reduction in domestic water since 2000



64%

of waste is diverted from landfill, using the recycling program



127

Electric vehicle charging stations, including Redwood City



40%

Drive-alone rate* down from 67% in 2003. Transit ridership is 17%



2.68M

Rides taken on the free Marguerite system in 2018



58%

of 2019 commuters* used alternative transportation as their primary commute mode.

* University commuters include Stanford University employees and commuting students.

Stanford Health Care opened the doors to the new Stanford Hospital in 2019.



Stanford Medicine

Stanford Medicine comprises the Stanford University School of Medicine, Stanford Health Care and Stanford Children's Health | Lucile Packard Children's Hospital Stanford.

A leader in the biomedical revolution, Stanford Medicine is ushering in the era of Precision Health. This high-tech, high-touch approach to patient care seeks to not only treat disease but to predict, prevent, and cure it—precisely. The many transformative advances Stanford Medicine is making across research, education, and patient care build upon the organization's legacy of innovation. Stanford's contributions in biomedical discovery include the first synthesis of biologically active DNA in a test tube, the discovery of immune response genes, and the expansion of optogenetics. Renowned for its patient care, Stanford Medicine is the site of the first successful adult human heart transplant in the country and the first combined heart-lung transplant in the world.

Stanford Health Care

Stanford Health Care is a leading academic health system, delivering clinical innovation across its inpatient services, specialty health centers, physician offices, virtual care offerings, and health plan programs. As the only Level I trauma center between San Francisco and San Jose, Stanford Health

Care provides compassionate, coordinated care, personalized for the unique needs of every patient. In November 2019, Stanford Health Care's new 824,000-square-foot state-of-the-art hospital opened, bringing its total bed count to 605 and total operating rooms to 87. With nearly 2,300 faculty physicians and more than 1,400 residents and fellows, Stanford Health Care is committed to providing the highest quality care to patients and their families.

Lucile Packard Children's Hospital Stanford and Stanford Children's Health

Lucile Packard Children's Hospital Stanford is at the center of Stanford Children's Health, the Bay Area's largest health care system exclusively dedicated to children and expectant mothers. Packard Children's is a leader in providing world-class, nurturing care and achieving extraordinary outcomes in every pediatric and obstetric specialty. The newly expanded hospital opened in December 2017, adding 149 patient beds and more than doubling the size of the original hospital. Today, Packard Children's Hospital, in collaboration with a network of over 100 Stanford Children's Health locations throughout the U.S. western region, provides care for more than 500,000 patient visits a year. Stanford Children's Health has 1,058 medical staff, 5,005 employees and 575 volunteers.

Students walk on campus in the fall.



Finances

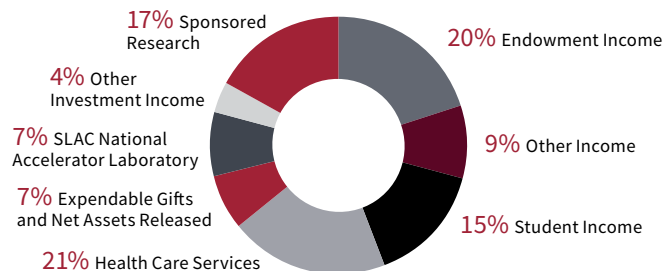
In 2019–20, Stanford is a \$6.8 billion enterprise.

This figure represents the university’s consolidated budget for operations, a compilation of all annual operating and restricted budgets that support teaching, scholarship and research, including the budgets of all schools and administrative areas and the SLAC National Accelerator Laboratory. It does not include the \$0.9 billion capital budget and excludes the budget for Stanford Health Care and Lucile Packard Children’s Hospital.

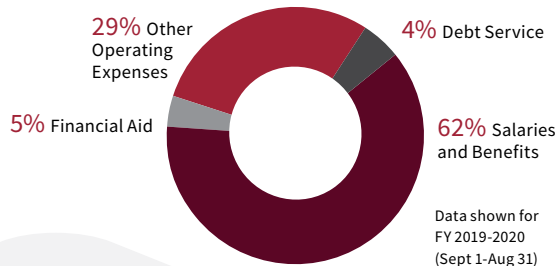
Endowment

Stanford’s \$27.7 billion endowment (as of Aug. 31, 2019) provides an enduring source of financial support for fulfillment of the university’s mission of teaching, learning and research. It disbursed \$1.3 billion to support vital academic programs and financial aid during the fiscal year. About 79 percent of the endowment is restricted by donors for a specific purpose. There are 8,100 endowed university funds. Each year, a portion of investment return from the endowment is used to support annual operating expenses. The remainder of the return is reinvested in the endowment to maintain its purchasing power over time. The Stanford Management Company (SMC) was established in 1991 to manage Stanford’s financial and real estate assets. SMC is a division of the university with oversight by a board of directors appointed by the university board of trustees.

Sources for Funds 2019-2020



Expenditures 2019-2020



Fundraising

Stanford University reported \$1.1 billion in philanthropic gifts during the fiscal year that ended August 31, 2019, reflecting the financial support of more than 55,000 donors.



↗ President Marc Tessier-Lavigne, and Provost Persis Drell at Stanford's first community conversation at Stanford Redwood City.

University Administration

Stanford University is a trust with corporate powers under the laws of the State of California. The university is a tax-exempt entity under section 501(c)3 of the Internal Revenue Code.

Under the provisions of the Founding Grant, the Board of Trustees (with a maximum membership of 38) is custodian of the endowment and all the properties of Stanford University. The board administers the invested funds, sets the annual budget and determines policies for operation and control of the university. Among the powers given to the trustees by the Founding Grant is the power to appoint a president. The board delegates broad authority to the president to operate the university and to the faculty on certain academic matters. The formal legal name is “The Board of Trustees of the Leland Stanford Junior University.”

Board of Trustees (As of December 2019)

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Brothers Investments,
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& Chairman, Goldman
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President, Stanford
University, Stanford, CA

Jerry Yang, AME Cloud
Ventures, Palo Alto, CA

Charles D. Young,
Chief Operating Officer,
Invitation Homes,
Dallas, TX



Graduates at the 128th Commencement Baccalaureate.

Stanford Alumni

The Stanford Alumni Association was established in 1892 by the university's first graduating class. There are currently more than 220,000 Stanford alumni.

Academic Leaders

- John Bravman**, Bucknell University president
- Nancy Cantor**, Rutgers-Newark chancellor
- Brian W. Casey**, Colgate University president
- Sean M. Decatur**, Kenyon College president
- Michael Drake**, The Ohio State University president
- Pamela Eibeck**, University of the Pacific president
- Vartan Gregorian**, Carnegie Corporation president
- Fr. William Leahy**, Boston College president
- Vincent E. Price**, Duke president
- L. Rafael Reif**, MIT president
- Peter Salovey**, Yale president
- Arts & Entertainment**
- Andre Braugher**, actor
- Sterling K. Brown**, actor
- Jennifer Connelly**, actress
- Issa Rae**, actress
- Sigourney Weaver**, actress
- Richard Diebenkorn***, artist
- Robert Motherwell***, artist

- Gretchen Carlson**, producer/host
- Dave Flemming**, broadcaster
- Rodney Gilmore**, broadcaster
- Jessica Mendoza**, broadcaster
- David Lang**, composer
- David Chase**, director
- Alexander Payne**, director
- Jay Roach**, director
- Fred Savage**, actor/director
- Jon Nakamatsu**, pianist
- David Brown***, producer
- Gale Anne Hurd**, producer
- Edward Pressman**, producer
- Richard Zanuck***, producer

- Robin Lopez**
- Chiney Ogwumike**
- Nneka Ogwumike**
- Golf**
- Tom Watson**
- Michelle Wie**
- Tiger Woods**
- Olympians**
- Jennifer Azzi**
- Janet Evans**
- Julie Foudy**
- Katie Ledecky**
- Simone Manuel**
- Pablo Morales**
- Summer Sanders**
- Erik Shoji**
- Kerri Strug**
- Jenny Thompson**
- Kerri Walsh Jennings**
- Tennis**
- Bob Bryan**
- Mike Bryan**
- Nicole Gibbs**
- John McEnroe**

Stanford Administration

- Marc Tessier-Lavigne**, President
- Persis Drell**, Provost
- Susie Brubaker-Cole**, Vice Provost for Student Affairs
- Sarah Church**, Vice Provost for Faculty Development, Teaching and Learning
- Jon Denney**, Vice President for Development
- Harry Elam**, Vice President for the Arts
- Stephanie Kalfayan**, Vice Provost for Academic Affairs
- Michael Keller**, Vice Provost for Technology and Learning
- Farnaz Khadem**, Vice President of University Communications
- Randall S. Livingston**, Vice President for Business Affairs and Chief Financial Officer
- Megan Pierson**, Chief of Staff to the President and Secretary of the Board of Trustees
- Robert Reidy**, Vice President for Land, Buildings and Real Estate
- Martin Shell**, Vice President and Chief External Relations Officer

- Matthew Snipp**, Vice Provost for Faculty Diversity and Engagement
- Robert Wallace**, Chief Executive Officer, Stanford Management Company
- Timothy Warner**, Vice Provost for Budget and Auxiliaries
- Howard Wolf**, Vice President for Alumni Affairs and President, Stanford Alumni Association
- Elizabeth Zacharias**, Vice President for Human Resources
- Debra Zumwalt**, Vice President and General Counsel

Executive Cabinet

- Marc Tessier-Lavigne**, President
- Persis Drell**, Provost
- Stacey Bent**, Vice Provost for Graduate Education and Postdoctoral Affairs
- Harry Elam**, Senior Vice Provost for Education, Vice Provost for Undergraduate Education, Vice President for Arts
- Thomas Gilligan**, Director, Hoover Institution on War, Revolution and Peace
- Stephan Graham**, Dean, School of Earth, Energy & Environmental Sciences
- Chi-Chang Kao**, Director, SLAC National Accelerator Laboratory
- Jonathan Levin**, Dean, Graduate School of Business
- Jenny S. Martinez**, Dean, School of Law
- Lloyd Minor**, Dean, School of Medicine

- Kathryn Ann "Kam" Moler**, Vice Provost and Dean of Research and Vice President, SLAC National Accelerator Laboratory
- Debra Satz**, Dean, School of Humanities & Sciences
- Daniel Schwartz**, Dean, Graduate School of Education
- Jennifer Widom**, Dean, School of Engineering

Athletics

- Baseball**
- Jack McDowell**
- Mike Mussina**
- Football**
- John Elway**
- Zach Ertz**
- Andrew Luck**
- John Lynch**
- Christian McCaffrey**
- Jim Plunkett**
- Richard Sherman**
- Basketball**
- Brook Lopez**

- Soccer**
- Jane Campbell**
- Tierna Davidson**
- Jordan Morris**
- Kelley O'Hara**
- Christen Press**
- Andi Sullivan**
- Softball**
- Jessica Mendoza**
- Ramona Shelburne**

* deceased

Business

Eric Baker and Jeff Fluhr, StubHub

Steve Ballmer, Los Angeles Clippers

Mary Barra, General Motors

Andy Bechtolsheim, Sun Microsystems

Jeffrey Bewkes, Time Warner

Sergey Brin, Google

David Filo, Yahoo

Doris Fisher, Gap

Konstantin Guericke, LinkedIn

Reed Hastings, Netflix

William Hewlett*, Hewlett-Packard

Reid Hoffman, LinkedIn

Vinod Khosla, Sun Microsystems

Phil Knight, Nike

Mike Krieger, Instagram

Scott McNealy, Sun Microsystems

David Packard*, Hewlett-Packard

Larry Page, Google

Azim Premji, Wipro

Charles R. Schwab, Charles Schwab Corp.

Debbie Sterling, GoldieBlox

Kevin Systrom, Instagram

Peter Thiel, PayPal

Jerry Yang, Yahoo

Creative Writing

Novelists

Michael Cunningham

Jeffrey Eugenides

Dan Gioia

Allegra Goodman

Ya Ya Gyasi

Alice Hoffman

Ken Kesey*

Nicole Krauss

N. Scott Momaday

Vikram Seth

John Steinbeck*

Scott Turow

Tobias Wolff

Playwrights

David Henry Hwang

Mark Medoff

Poets Laureate

Robert Hass

Robert Pinsky

Government

Herbert Hoover*, U.S. president

Supreme Court Justices

Stephen Breyer

Anthony Kennedy

Sandra Day O'Connor

William Rehnquist*

U.S. Senators

Cory Booker

Dianne Feinstein

Jeff Merkley

Tina Smith

Ron Wyden

Nobel Prize Winners

Eric Cornell, physics

Dudley Herschbach, chemistry

Roger Kornberg, chemistry

Al Roth, economics

K. Barry Sharpless, chemistry

Richard E. Taylor, physics

Carl Wieman, physics

Oliver E. Williamson, economics

Science & Engineering

France Anne-Dominic Córdova, National Science Foundation Director

Inventors

Vinton Cerf, Internet protocol

John Chowning, synthesizer

Ray Dolby*, noise-reduction system

Ted Hoff, microprocessor

Ted Maiman*, laser

Brad Parkinson, GPS

Brent Townshend, 56K modem

And MORE

Stewart Brand, Internet pioneer

Paul Draper, vintner

Matt Flannery, Kiva

Atul Gawande, surgeon

Jessica Jackley, Kiva

Ted Koppel, broadcaster

Eunice Shriver Kennedy*, Special Olympics founder

Rachel Maddow, broadcaster

Robert Mondavi*, vintner

Jeff Raikes, The Raikes Foundation

Sally Ride*, first U.S. woman in space

Blake Ross, Mozilla Firefox developer

Jeffrey Skoll, Skoll Foundation

Edward Tufte, Statistician

* deceased



University Motto and Seal

“Die Luft der Freiheit weht” is Stanford’s unofficial motto and translates as “the wind of freedom blows.” The phrase is a quote from Ulrich von Hutten, a 16th-century humanist. Stanford’s first president, David Starr Jordan, embraced von Hutten’s words and included them on his presidential seal.

The motto is part of the university seal.

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Back Cover: Chocolate Heads Movement Band, a student performing arts group, in the rotunda of Green Library’s Bing Wing.



Stanford