"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.
# Table of Contents

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11  Undergraduate Program  
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37  Cardinal Athletics  
39  Stanford Campus  
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Maps and information are available at the Stanford Visitor Center at 295 Galvez St. Visitor Information Services (VIS) offers daily campus tours, except during academic breaks and some holidays. Additional tours for prospective students are available as part of the Discover Stanford program. For tour reservations and information, call VIS at (650) 723-2560, or register at visit.stanford.edu.

THE ANDERSON COLLECTION AT STANFORD UNIVERSITY
The Anderson Collection, one of the world’s most outstanding assemblies of modern and contemporary American art, is on display on Lomita Drive, next to the Cantor Arts Center. Part of the university’s new arts district, the 121-work collection features 86 artists, including Jackson Pollock, Willem de Kooning and Richard Diebenkorn. Admission is free. Visit anderson.stanford.edu.

ARBORETUM
The Arboretum, located off Campus Drive, includes the Stanford family mausoleum, Angel of Grief sculpture and Arizona Garden. The mausoleum holds the remains of Leland and Jane Stanford and their son, Leland Junior. The adjacent Arizona Garden features cacti and succulents and was planted in the 1880s near the site of the Stanfords’ proposed, but never built, residence at the Palo Alto Stock Farm.

CANTOR ARTS CENTER AND CAMPUS SCULPTURE
The Cantor Arts Center collections feature some 40,000 objects, including Stanford family items and one of the largest collections of Rodin bronzes outside Paris. Exhibitions are displayed in 24 galleries. Admission is free. The campus also boasts more than 70 outdoor sculptures, including works by Auguste Rodin, Henry Moore, Josef Albers, Alexander Calder, George Segal, Joan Miro and Andy Goldsworthy. Call (650) 723-4177.

HOOVER TOWER AND PAVILION
The 285-foot Hoover Tower was built in 1941 to celebrate Stanford’s 50th anniversary. 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 memorabilia of Herbert Hoover, the 31st U.S. president and a member of Stanford’s Class of 1895. The adjacent pavilion exhib-
its items from the Hoover Institution Archives. Email hoovers@stanford.edu.

**STANFORD MEMORIAL CHURCH**
The nonsectarian Memorial Church, erected by Jane Stanford in memory of her husband, 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 New Testament. The church features the Fisk-Nanney organ, which has 73 ranks and 4,332 pipes. Call (650) 723-3469 for docent-led tours.

**HANNA HOUSE**
Docent-led tours of Frank Lloyd Wright's Hanna House, built in 1937, can be scheduled online. The unique design is based on hexagonal geometry, with no right angles in the floor plan. Admission is $10, and disabled access is limited. Visit hannahousetours.stanford.edu.

**JASPER RIDGE BIOLOGICAL PRESERVE**
The Jasper Ridge Biological Preserve, located in the Santa Cruz foothills, encompasses 1,198 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.” Call (650) 851-6813.

**THE DISH**
The 150-foot diameter radio telescope called the Dish, located in the Stanford foothills, was constructed in the 1960s to probe the scattering properties of the Earth’s ionosphere. It weighs 300,000 pounds and is owned by SRI International. More than 500,000 people annually hike the four miles of service roads located within Stanford’s 315-acre habitat reserve, where breeding ponds have been established to protect the threatened California tiger salamander. Access is limited to daylight hours, and dogs are prohibited.
The Leland Stanford Junior University was founded in 1885 by California Senator Leland Stanford and his wife, Jane, 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, one that, from the outset, was untraditional: coeducational in a time when most private universities were all-male; nondenominational when most were associated with a religious organization; and avowedly practical, producing “cultured and useful citizens” when most were concerned only with the former. 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 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’ more than 8,000-acre Palo Alto Stock Farm for the breeding and training of trotting horses, 35 miles south of the family’s San Francisco residence. The Stanfords stipulated that none of the land of their Palo Alto farm could ever be sold. The campus still carries the nickname “the Farm.”

The Stanfords engaged landscape architect Frederick Law Olmsted to design the campus. The Stanfords’ collaboration with Olmsted and the architectural firm of Shepley, Rutan and Coolidge resulted in California Mission-inspired 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. Some 555 men and women 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**

<table>
<thead>
<tr>
<th>Term</th>
<th>President</th>
</tr>
</thead>
<tbody>
<tr>
<td>1891–1913</td>
<td>David Starr Jordan</td>
</tr>
<tr>
<td>1913–1915</td>
<td>John Casper Branner</td>
</tr>
<tr>
<td>1916–1943</td>
<td>Ray Lyman Wilbur¹</td>
</tr>
<tr>
<td>1943–1948</td>
<td>Donald B. Tresidder²</td>
</tr>
<tr>
<td>1949–1968</td>
<td>J. E. Wallace Sterling³</td>
</tr>
<tr>
<td>1968–1970</td>
<td>Kenneth S. Pitzer</td>
</tr>
<tr>
<td>1980–1992</td>
<td>Donald Kennedy</td>
</tr>
<tr>
<td>1992–2000</td>
<td>Gerhard Casper</td>
</tr>
<tr>
<td>2000–</td>
<td>John Hennessy</td>
</tr>
</tbody>
</table>

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

1948  Sept. 1  Schools of Biological Sciences, Humanities, Physical Sciences and Social Sciences merged into School of Humanities and Sciences

1949  April 1  Wallace Sterling becomes fifth president

1951  Oct. 1  First research park lease signed with Varian Associates

1952  April 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 dedicated; now called SLAC National Accelerator Laboratory

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 September Stanford Alumni Association integrated into the university

1999 January  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

**GROWTH OF FACULTY AND STUDENT BODY**

<table>
<thead>
<tr>
<th>YEAR</th>
<th>UNDERGRADUATE STUDENTS</th>
<th>GRADUATE STUDENTS</th>
<th>ACADEMIC COUNCIL*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
<td>1,055</td>
<td>114</td>
<td>75</td>
</tr>
<tr>
<td>1910</td>
<td>1,498</td>
<td>157</td>
<td>112</td>
</tr>
<tr>
<td>1920</td>
<td>2,165</td>
<td>283</td>
<td>150</td>
</tr>
<tr>
<td>1930</td>
<td>3,103</td>
<td>1,530</td>
<td>271</td>
</tr>
<tr>
<td>1940</td>
<td>3,460</td>
<td>1,782</td>
<td>309</td>
</tr>
<tr>
<td>1950</td>
<td>4,805</td>
<td>2,907</td>
<td>372</td>
</tr>
<tr>
<td>1960</td>
<td>5,648</td>
<td>4,208</td>
<td>619</td>
</tr>
<tr>
<td>1970</td>
<td>6,221</td>
<td>5,217</td>
<td>1,029</td>
</tr>
<tr>
<td>1980</td>
<td>6,630</td>
<td>6,236</td>
<td>1,230</td>
</tr>
<tr>
<td>1990</td>
<td>6,555</td>
<td>6,886</td>
<td>1,340</td>
</tr>
<tr>
<td>2000</td>
<td>6,548</td>
<td>7,700</td>
<td>1,368</td>
</tr>
<tr>
<td>2010</td>
<td>6,887</td>
<td>8,779</td>
<td>1,468</td>
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<tr>
<td>2011</td>
<td>6,927</td>
<td>8,796</td>
<td>1,492</td>
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<tr>
<td>2012</td>
<td>6,999</td>
<td>8,871</td>
<td>1,542</td>
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<tr>
<td>2013</td>
<td>6,980</td>
<td>8,897</td>
<td>1,583</td>
</tr>
<tr>
<td>2014</td>
<td>7,018</td>
<td>9,118</td>
<td>1,624</td>
</tr>
</tbody>
</table>

* 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.
the Leland Stanford Junior University Marching Band
Students who derive pleasure from learning for its own sake thrive at Stanford. Academic excellence is the primary criterion for admission, and the most important credential is the transcript. We seek students who have selected a rigorous academic program and achieved distinction in a range of areas.

With an approximate 4-to-1 student-to-faculty ratio, Stanford emphasizes close interaction with faculty. 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 Sciences and Engineering.

Undergraduates complete at least 180 units, including major courses, writing and rhetoric requirements, one year of a foreign language and offerings in the following areas:

**Thinking Matters:** One-quarter course in the freshman year.

**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.

Among many distinctive Stanford undergraduate programs are:

**Introductory Seminars:** These are small freshman and sophomore seminars. More than 2,300 students enroll in about 200 seminars annually.

**Undergraduate Research:** Stanford believes learning is enhanced by participation in research. In 2013–14, about $5.6 million was allocated for grant programs benefiting about 986 projects.
Honors: About 20 percent of the members of each graduating class earn departmental honors. About 100 students annually participate in Bing Honors College.


### MAJOR FIELDS OF UNDERGRADUATE STUDY

**EARTH SCIENCES**
- Earth Systems
- Energy Resource Engineering
- Geological & Environmental Sciences
- Geophysics

**ENGINEERING**
- Aeronautics and Astronautics
- Architectural Design*
- Atmosphere/Energy*
- Bioengineering
- Biomedical Engineering*
- Biomedical Computation*
- Chemical Engineering
- Civil Engineering
- Computer Science
- Electrical Engineering
- Engineering Physics*
- Environmental Engineering
- Management Science and Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Product Design*

**HUMANITIES AND SCIENCES**
- African and African American Studies
- American Studies
- Anthropology
- Archaeology
- Art History
- Art Practice (Studio)
- Asian American Studies
- Biology
- Chemistry
- Chicana/o-Latina/o Studies
- Chinese Classics
- Communication
- Comparative Literature
- Comparative Studies in Race and Ethnicity
- East Asian Studies
- Economics
- English
- Feminist, Gender and Sexuality Studies
- Film and Media Studies
- French
- German Studies
- History
- Human Biology
- Iberian and Latin American Cultures
- International Relations
- Italian
- Japanese
- Jewish Studies
- Linguistics
- Mathematical & Computational Science
- Mathematics
- Music
- Native American Studies
- Philosophy
- Physics
- Political Science
- Psychology
- Public Policy
- Religious Studies
- Science, Technology and Society
- Slavic Languages and Literatures
- Sociology
- Spanish
- Symbolic Systems
- Theater & Performance Studies
- Urban Studies

* Majors with an asterisk earn a B.S. in engineering with the subject as a subplan.

### TOP 5 UNDERGRADUATE DEGREES
- Computer Science
- Human Biology
- Engineering
- Science, Technology and Society
- Biology

### TOP 5 UNDERGRADUATE MAJORS
- Computer Science
- Human Biology
- Engineering
- Science, Technology and Society
- Biology

1,651 Undergraduate degrees awarded in 2014
**THE CLASS OF 2018**

- 42,167 applications
- 2,145 admitted
- 1,678 matriculated
- 5.1% acceptance rate

**GENDER BALANCE**

- 48.9% Women
- 51.1% Men

**HIGH SCHOOLS**

- 9.7% International
- 29.6% Private
- 60.3% Public
- 0.4% Home School

**GEOGRAPHIC DIVERSITY**

- 50 States represented
- 62 Countries represented

**ACADEMIC ACHIEVEMENT**

- 95% Top 10 percent of class
- 98% Top 20 percent of class

**ETHNIC DIVERSITY**

- White 35.2%
- Unknown 4.6%
- African American 10.6%
- Asian 23.4%
- International 7.6%
- Mexican/Chicano 8.1%
- Native American 2.6%
- Native Hawaiian/Pacific Islander 1.5%
- Other Hispanic 6.4%

**STATISTICAL INFORMATION**

- The class of 2018 had 42,167 applications.
- 2,145 were admitted, resulting in a 5.1% acceptance rate.
- 1,678 students matriculated.

**ACADEMIC PERFORMANCE**

- 95% of the class was in the top 10 percent.
- 98% were in the top 20 percent of their class.

**DIVERSITY PROFILE**

- Ethnic diversity included:
  - White 35.2%
  - Unknown 4.6%
  - African American 10.6%
  - Asian 23.4%
  - International 7.6%
  - Mexican/Chicano 8.1%
  - Native American 2.6%
  - Native Hawaiian/Pacific Islander 1.5%
  - Other Hispanic 6.4%

**SCHOOL TYPE DISTRIBUTION**

- 9.7% International
- 29.6% Private
- 60.3% Public
- 0.4% Home School

**GENDER BALANCE**

- 48.9% Women
- 51.1% Men

**GEOGRAPHIC DIVERSITY**

- 50 States represented
- 62 Countries represented
ALL UNDERGRADUATES, FALL 2014
7,018 students matriculated.

GENDER BALANCE

47% Women
53% Men

MAJORS BY SCHOOL

31% Humanities & Sciences
48% Undeclared
1% Earth Sciences
20% Engineering

GEOGRAPHIC ORIGIN

8% Foreign
38% California
54% Other U.S.

CLASS SIZE

32% 10–19
38% 2–9
10% 20–29
5% 30–39
4% 40–49
7% 50–99
4% 100+

ETHNIC DIVERSITY

White 42%
Asian 23%
African American 8%
Declined to State/Other 3%
International 8%
Mexican/Chicano 7%
Native American 2%
Native Hawaiian/Pacific Islander 1%
Other Hispanic 6%

5-YEAR GRADUATION RATE:

90%

STANFORD STUDENT AWARDS

114 Rhodes Scholars
88 Marshall Award Winners
62 Truman Scholars
Stanford is committed to a need-blind admission policy for U.S. citizens and permanent residents. Students are admitted without regard to their ability to pay. Stanford provides a comprehensive financial aid program for all admitted students who have computed need as determined by the university and who meet other requisite conditions for financial aid. In recent years, about 80 percent of undergraduate students received financial support from a variety of internal and external sources.

Total students receiving some form of financial assistance from a variety of internal and external sources, including need-based scholarships, athletic scholarships, outside awards, loans, jobs, research grants and assistance for other expenses: 5,755

Total number of students receiving financial aid toward cost of attendance from a variety of internal and external sources: 4,679

Total students enrolled (4 qtrs): 7,018

Percent of students receiving some form of financial assistance: 82%

Percent of students receiving any form of aid toward cost: 67%

Percent of students receiving need-based scholarship from Stanford: 48%

Percent of students receiving Pell Grants: 16%

Scholarship Aid $166,057,946 92.5%
Long-Term Loans $7,393,937 4.1%
Term-Time Jobs $6,024,616 3.4%

Total $179,476,499

Sources of Scholarship Aid 2013–14

Stanford General Funds $23,555,404
Current Gifts-Nonathletic $20,053,481
Endowment Income-Nonathletic $81,514,625
Trademark Income $213,920
Athletic Awards $20,141,399
Department Awards $888,294
Federal Pell Grants $4,661,886
Federal Supplemental Grants $960,312
Other Federal Grants $1,249,749
State Grants $3,343,826
Other External Awards $9,475,050

Total $166,057,946
## UNDERGRADUATE STUDENT BUDGET 2014–15

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$44,184</td>
</tr>
<tr>
<td>Required Fees: Vaden Health Center</td>
<td>$573</td>
</tr>
<tr>
<td>(applies only to students living on campus)</td>
<td></td>
</tr>
<tr>
<td>Room and Board</td>
<td>$13,631</td>
</tr>
<tr>
<td>Books (estimated)</td>
<td>$1,425</td>
</tr>
<tr>
<td>Personal (estimated)</td>
<td>$2,550</td>
</tr>
<tr>
<td>Stanford one-time Orientation Fee, which applies only to freshmen and transfers:</td>
<td>$438</td>
</tr>
<tr>
<td>Health Insurance (estimated):</td>
<td>$4,296</td>
</tr>
</tbody>
</table>

The median per student cumulative undergraduate indebtedness for students earning undergraduate degrees between July 1, 2013 and June 30, 2014 and receiving financial aid: $14,000

The average per student cumulative undergraduate indebtedness for students earning undergraduate degrees between July 1, 2013 and June 30, 2014 and receiving financial aid: $19,230

Percent of graduates with debt: 23%
In Stanford’s first year, 1891, 39 men and 12 women from 19 states registered in graduate standing, representing one of the first opportunities for graduate study on the West Coast.

Today, 9,118 students in more than 90 departments and programs are pursuing post-baccalaureate degrees in all seven of Stanford’s schools: Business, Earth Sciences, Education, Engineering, Humanities and Sciences, Law and Medicine. Exchange programs with the University of California-Berkeley and the University of California-San Francisco enable graduate students to take courses not offered at Stanford.

About 85 percent of Stanford graduate students receive financial assistance, aside from loans, from Stanford or external sources. About 62 percent of graduate students live on campus. The Office of the Vice Provost for Graduate Education administers seven fellowship programs to support graduate student study.

Admissions decisions are made by each department and program.
GRADUATE STUDENTS, FALL 2014

9,118 matriculated

GENDER BALANCE

- 38% Women
- 62% Men

SCHOOLS

- 25% Humanities & Sciences
- 38% Engineering
- 11% Medicine
- 11% Business
- 4% Earth Sciences
- 4% Education
- <1% Master of Liberal Arts
- 7% Law

GEOGRAPHIC ORIGIN

- 33% Foreign
- 36% California
- 31% Other U.S.

DEGREES AWARDED, 2013–14

- 2,289
  - Master's
  - Professional (JD, MD)
  - 274
- 729
  - Doctoral (PhD, DMA)

ETHNIC DIVERSITY

- 37% White
- 33% International
- 15% Asian
- 3% African American
- 3% Mexican/Chicano
- <1% Native Hawaiian/Pacific Islander
- 1% Native American
- 3% Other Hispanic
- 3% Other
- 6% Declined to State/Other
DEGREES
Stanford offers the following degrees:
B.A., B.S., B.A.S., M.A., M.S., Ph.D., D.M.A., M.D., M.B.A., J.D.,

GRADUATE SCHOOL OF BUSINESS
Dean: Garth Saloner
The Stanford Graduate School of Business, established in 1925, offers the two-year MBA program with about 800 stu-
dents; a one-year MS in management program with 89 students;
the PhD program with 122 students in residence; the six-week
residential Stanford Executive Program for senior executives;
some 50 Executive Education courses; Stanford Ignite, a part-
time program in innovation and entrepreneurship; and joint
MBA degrees with law, electrical engineering, computer science,
environment and resources, public policy and education. There
are about 32,000 GSB alumni worldwide. The 120 faculty mem-
ers include three Nobel laureates. Visit gsb.stanford.edu.

SCHOOL OF EARTH SCIENCES
Dean: Pamela Matson
Understanding how the planet works and helping solve the re-
source and environmental challenges facing humanity are the
focus of research and teaching in the School of Earth 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 has 63 faculty, 200 undergraduate and 400 graduate students. It awards BS, MS, Engineer and PhD degrees. Visit earth.stanford.edu.

GRADUATE SCHOOL OF EDUCATION
Dean: Deborah Stipek
The Graduate School of Education enrolls about 400 graduate students and is preparing the next generation of education scholars, policymakers, entrepreneurs, executives and school leaders. The GSE’s 56 faculty draw from a variety of disciplines to produce scholarship that shapes teaching and learning worldwide; they translate research into practice through partnerships with schools, nonprofits and governments. 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: Persis Drell
More than 5,000 graduate and undergraduate students are enrolled in the School of Engineering. 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 has nine departments, more than 250 faculty members and more than 80 laboratories, centers, institutes and programs. The school’s hub, the Jen-Hsun Huang Engineering Center, was built in 2010. Visit engineering.stanford.edu.

SCHOOL OF HUMANITIES AND SCIENCES
Dean: Richard Saller
The School of Humanities and Sciences is Stanford’s largest school, awarding about 75 percent of undergraduate degrees. The school enrolls 2,261 graduate students and 2,082 undergraduate students in more than 50 departments and interdisciplinary degree programs that span the humanities, arts, languages and literatures, social sciences, mathematics and the physical and life sciences. The school has more than 570 faculty members. Its 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.
LAW SCHOOL
Dean: M. Elizabeth Magill
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 7.3 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 31 academic programs and centers and more than 20 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 946 full-time faculty, including seven Nobel laureates; 1,353 postdoctoral scholars; 481 M.D. students; 904 Ph.D. and M.S. candidates; and 1,001 residents and clinical fellows. Faculty deliver care at Stanford Health Care and Lucile Packard Children’s Hospital, where medical students also gain experience. In 2014, faculty received more than $637 million for sponsored research. Visit med.stanford.edu.

OTHER ACADEMIC PROGRAMS

STANFORD CONTINUING STUDIES
Dean: Charles Junkerman
Continuing Studies offers about 400 courses annually, attracting more than 14,000 students from throughout the Bay Area. Courses range from liberal arts and sciences to creative writing to professional and personal development. Also offered is the Master of Liberal Arts Program, a graduate degree program for adults. The MLA program, taught by Stanford faculty, takes four to five years to complete. Call (650) 725-2650.

PRE-COLLEGIATE STUDIES
Pre-Collegiate Studies serves more than 3,200 academically talented middle and high school students from around the world. Offered are four year-round programs: Stanford Online High School, University-Level Online Math and Physics, Math Circles and Science Circles; and such summer programs as High School Summer College, Pre-Collegiate Summer Institutes for middle and high school, Stanford University Mathematics Camp, Summer Humanities Institute, Stanford Medical Youth Science Program and Stanford Youth Orchestra. Call 650-721-9400.
Professor Chris Chafe and student Michael Iorga discuss graphic representation of brain activity.
David Starr Jordan was appointed president in March 1891, and by June his first faculty—15 men of “youth and scholarly promise”—had accepted appointments. Jordan sought professors who combined abilities for teaching and research, and he wrote, “Mr. Stanford wants me to get the best. He wants no ornamental or idle professors.”

Today, Stanford has 2,118 members of the professoriate faculty. There are 562 faculty members appointed to endowed chairs.

**Stanford’s Fall 2014 Community of Scholars Includes:**

<table>
<thead>
<tr>
<th>Award/Credential</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nobel laureates</td>
<td>21</td>
</tr>
<tr>
<td>Pulitzer Prize winners</td>
<td>5</td>
</tr>
<tr>
<td>Fields Medal winners</td>
<td>2</td>
</tr>
<tr>
<td>National Academy of Education members</td>
<td>29</td>
</tr>
<tr>
<td>Nobel Prize since the university's founding</td>
<td>31</td>
</tr>
<tr>
<td>National Medal of Science recipients</td>
<td>19</td>
</tr>
<tr>
<td>National Academy of Sciences members</td>
<td>154</td>
</tr>
<tr>
<td>National Medal of Technology recipients</td>
<td>2</td>
</tr>
<tr>
<td>National Academy of Engineering members</td>
<td>105</td>
</tr>
<tr>
<td>American Academy of Arts and Sciences members</td>
<td>276</td>
</tr>
<tr>
<td>National Academy of Medicine members</td>
<td>66</td>
</tr>
<tr>
<td>MacArthur Fellows</td>
<td>27</td>
</tr>
<tr>
<td>Wolf Foundation Prize winners</td>
<td>5</td>
</tr>
<tr>
<td>National Humanities Medal recipients</td>
<td>3</td>
</tr>
<tr>
<td>Presidential Medal of Freedom winners</td>
<td>3</td>
</tr>
</tbody>
</table>
FACULTY PROFILE, FALL 2014

2,118 Faculty
( includes tenure-line and non-tenure-line faculty, senior fellows and center fellows at specified policy centers and institutes, and Medical Center-line faculty.)

1,624 Members of Academic Council

562 Faculty appointed to endowed professorships

99% Of faculty hold highest degree in their field

GENDER BALANCE

27% Women
73% Men

SCHOOLS

45% Medicine
27% Humanities & Sciences
3% Law
12% Engineering
3% SLAC, FSI
5% Business
3% Earth Sciences
3% Education

TENURE/APPOINTMENT

54% Tenure Line, Tenured
16% Tenure Line, Non-Tenured
23% Medical Center-Line
7% Other

TENURE-LINE FACULTY

62% Professors
17% Associate Professors
21% Assistant Professors

ETHNIC DIVERSITY

73% Non-Minority
16% Asian
4% Hispanic
<1% Native American
1% Two or More Races
3% Declined to State/Other
2% African American
Stanford research is remarkable in both its breadth and depth. Stanford research programs reflect the expertise, creativity and initiative of the faculty who set the research agenda. Stanford faculty have a long tradition of engaging with their colleagues and students within Stanford’s seven schools and working across disciplines.

There are more than 5,300 externally sponsored projects throughout the university, with the total budget for sponsored projects at $1.33 billion during 2014–15, including the SLAC National Accelerator Laboratory (SLAC). Of these projects, the federal government sponsors approximately 82 percent, including SLAC. In addition, nearly $230 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 18 independent laboratories, centers and institutes, accounting for about 10 percent of Stanford research and involving about 300 faculty members and 800 students. These institutes
are in line with Stanford’s longstanding tradition of the independent labs that bring researchers together to solve large problems, engaging faculty and their students in collaborations that range from international and economic studies to studies on the environment, energy and health.

**PHYSICAL SCIENCES**

Geballe Laboratory for Advanced Materials (GLAM), conducting research jointly with SLAC
E. L. Ginzton Laboratory
W. W. Hansen Experimental Physics Laboratory (HEPL)
Kavli Institute for Particle Astrophysics and Cosmology (KIPAC), operated jointly with SLAC
PULSE Institute for Ultrafast Energy Science, operated jointly with SLAC
Stanford Institute for Materials and Energy Sciences (SIMES), operated jointly with SLAC

**ENVIRONMENTAL SCIENCES**

Precourt Institute for Energy
Stanford Woods Institute for the Environment
HUMANITIES AND SOCIAL SCIENCES
Freeman Spogli Institute for International Studies at Stanford (FSI)
Center for the Study of Language and Information (CSLI)
Stanford Center on Longevity (SCL)
Stanford Humanities Center (SHC)
Stanford Institute for Economic Policy Research (SIEPR)
Center for Advanced Study in the Behavioral Sciences (CASBS)

BIOLOGICAL AND LIFE SCIENCES
Bio-X, the interdisciplinary program related to bioengineering, biosciences and biomedicine
Spectrum, the Stanford Center for Clinical and Translational Research and Education
Stanford Chemistry, Engineering & Medicine for Human Health (ChEM-H)
Stanford Neurosciences Institute

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 materials and energy science, biology, chemistry, particle physics, astrophysics, cosmology, advanced accelerator development and other fields. Nearly 3,400 scientists worldwide use the lab’s facilities each year, and more than 1,000 scientific papers are published annually based on research at SLAC, earning Nobel prizes for six scientists.

HOOVER INSTITUTION ON WAR, REVOLUTION AND PEACE
The Hoover Institution, devoted to the study of domestic and international affairs, was founded in 1919 by Herbert Hoover, a member of Stanford’s Pioneer Class of 1895 and the 31st U.S. president. One of the first “think tanks” in the United States, the institution has more than 100 resident scholars/specialists.

TECHNOLOGY LICENSING
Stanford’s Office of Technology Licensing (OTL) brings technology created at Stanford to market. In 2013–14, Stanford received more than $108.6 million in gross royalty revenue from 655 technologies. Forty of the inventions generated $100,000 or more in royalties. Six inventions generated $1 million or more. In 2013–14, OTL concluded 106 new licenses.
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.

**Bioplastics:** Researchers in Craig Criddle’s laboratory developed a method of producing bioplastics from municipal, agricultural and food waste materials.

**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.

**Disease management:** The Stanford Patient Education Research Center creates programs for chronic health problems, including arthritis and HIV/AIDS, that have been licensed to more than 500 organizations in 17 countries.

**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.

**Refocus Photography:** Ren Ng, Patrick Hanrahan, Marc Levoy and Mark Horowitz invented a camera that captures an entire light field with an array of thousands of sensors.

**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

A 2012 study estimated that companies formed by Stanford entrepreneurs generate world revenues of $2.7 trillion annually and have created 5.4 million jobs since the 1930s. Stanford alumni and faculty have created 39,900 companies since the 1930s, which, if gathered collectively into an independent nation, would constitute the world’s 10th largest economy. Frederick Terman, provost from 1955 to 1965, is called the “academic architect” of the high-technology region known as Silicon Valley.

Among the companies Stanford faculty and alumni have helped create:

- Atheros Communications
- Charles Schwab & Company
- Cisco Systems
- Cypress
- Dolby Laboratories
- eBay
- E*Trade
- Electronic Arts
- Gap
- Goodreads
- Google
- Hewlett-Packard Company
- IDEO
- Instagram
- Intuit
- Intuitive Surgical
- Kiva
- LinkedIn
- Logitech
- MIPS
- Technologies
- Nanosolar
- Netflix
- Nike
- NVIDIA
- Odwalla
- One Kings Lane
- Orbitz
- Rambus
- Silicon Graphics
- StubHub
- Sun Microsystems
- SunPower Corp.
- Taiwan Semiconductor
- Tesla Motors
- Theranos
- Trader Joe’s
- Varian
- VMware
- Whole Earth Catalog
- Yahoo
- Zillow
Stanford supports 20 libraries. The collections of books, journals, scores and printed reference works comprise more than 9.3 million physical volumes, 1.5 million e-books, 2.5 million audiovisual materials, more than 77,000 serials, thousands of other digital resources and nearly 6 million microform holdings.

Special Collections and University Archives include nearly 300,000 rare or special books and 59 million pages of unpublished materials, including manuscripts, papers and correspondence; archival photographs; corporate records and archives, with emphasis on Silicon Valley and California history; and resources in Stanford history.

**STANFORD UNIVERSITY PRESS**

Founded in 1925, Stanford University Press publishes about 175 books per year. About two-thirds are scholarly monographs and textbooks in the humanities and the social sciences, and one-third are textbooks, professional reference works and monographs in law, business, economics, security studies and public policy.
**COMPUTING**

Stanford houses one of the most extensive computing environments of any university worldwide.

SUNet, the Stanford University Network, includes more than 250,000 active devices with Internet protocol addresses. SUNet transports 38 terabytes of incoming data and 26 terabytes of data outgoing between Stanford and the Internet each day. Stanford has 46,000 e-mail accounts and delivers about 2.8 million incoming mail messages daily.

Students are not required to own computers at Stanford, although an estimated 99 percent own at least one and 90 percent have a smart mobile device. In addition, more than 1,000 public computers provide access to hundreds of software and courseware packages, including in every campus residence. Public computers had more than 350,000 logins and were in use for nearly 14,000 hours (about 36.5 years) during 2013–14.

Stanford has been a leader in computer use, research and instruction and the evolution of MOOCs, or “massive open online courses.”

**NOTABLE DATES:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1953</td>
<td>High-speed electronic calculator installed on campus</td>
</tr>
<tr>
<td>1956</td>
<td>First computer installed</td>
</tr>
<tr>
<td>1957</td>
<td>First faculty member specializing in computers hired</td>
</tr>
<tr>
<td>1965</td>
<td>Computer Science Department founded</td>
</tr>
<tr>
<td>1968</td>
<td>Computer mouse, hypertext linking debuted at Stanford</td>
</tr>
<tr>
<td>1987</td>
<td>First residential computing program established at Stanford</td>
</tr>
<tr>
<td>1988</td>
<td>Stanford’s network is one of the first to connect to the Internet</td>
</tr>
<tr>
<td>1991</td>
<td>SLAC creates the first U.S. website</td>
</tr>
<tr>
<td>2005</td>
<td>Stanford is the first university to launch a public site on iTunes U</td>
</tr>
<tr>
<td>2013</td>
<td>Stanford engineers build computer using carbon nanotubes</td>
</tr>
</tbody>
</table>
welComing new Students to Roble Hall
As of Autumn 2014, 6,503 undergraduate and 5,478 graduate students live in university-provided housing. Housing is guaranteed for four years for entering freshmen. About 96 percent of all undergraduates registered and residing at the home campus live in campus housing.

The undergraduate housing system includes 80 diverse facilities. About 25 percent of students join one of the 16 fraternities or 14 sororities recognized on campus. Seven fraternities and three sororities offer housing.

About 62 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 on campus when they apply by the spring deadline.

STUDENT ORGANIZATIONS
There are about 650 organized student groups at Stanford. The student newspaper is the Stanford Daily. The Associated Students of Stanford University is the representative government for Stanford undergraduates. There are about 44 recognized religious organizations, and 88 committed to the arts. Stanford offers six cultural centers: Asian American Activities Center, Black Community Services Center, El Centro Chicano, LGBT Community Resource Center, Native American Cultural Center and Women’s Community Center.

PUBLIC SERVICE
The Haas Center for Public Service engages more than 1,000 students annually—both locally and globally—in direct service, engaged scholarship, activism, philanthropy, public policy and social entrepreneurship. The center offers connections to more than 100 service-related student organizations, 50 community engaged learning courses and 240 funded service opportunities.
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 business phone number is (650) 723-9633.

GETTING AROUND
There are about 13,000 bikes on the Stanford campus daily, and Stanford has been named a Platinum-level “Bicycle Friendly University.” Freshmen may not bring cars to campus, but the free Marguerite includes 79 buses in a 24-route system.

TRADITIONS
Big Game is the annual football game against the University of California-Berkeley Golden Bears. It is preceded by Gaieties, a student-produced musical follies.

Fountain hopping involves touring and partaking of Stanford’s main campus fountains.

During Full Moon on the Quad, freshmen are kissed at midnight by seniors under the first full moon of the Autumn Quarter.

The Wacky Walk occurs during the first minutes of graduation, when undergraduates forgo the traditional march and run into Stanford Stadium, often in costume.
A student dances in Roble gym.
Stanford has won the Directors’ Cup, which honors the most successful program in NCAA Division I sports, the last 20 years. For 38 years in a row, Stanford has won at least one national championship—the longest streak in the nation. In 2013–14, women’s water polo was the national NCAA champion.

The Department of Athletics offers 36 varsity sports—20 for women, 16 for men (sailing is a co-ed sport). Also offered are 26 club sports. Stanford offers about 300 athletic scholarships. About 900 students participate in intercollegiate sports. Stanford scholar-athletes have earned 153 NCAA Postgraduate Scholarships—a national best.

Stanford employs some 100 coaches and assistants. The university maintains one million gross feet of indoor facilities and 94 acres of outdoor fields. Among Stanford’s facilities are the 50,000-seat Stanford Stadium; the 18-hole Stanford Golf Course; the 7,233-seat Maples Pavilion; the 4,000-seat Sunken Diamond; the 17-court Taube Family Tennis Stadium; and the 2,500-seat, four-pool Avery Aquatic Complex.

### VARSITY SPORTS AT STANFORD

#### WOMEN’S VARSITY SPORTS
- Basketball
- Cross Country
- Fencing
- Field Hockey
- Golf
- Gymnastics
- Lacrosse
- Lightweight Rowing
- Rowing
- Sailing
- Sand Volleyball
- 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
HOME OF CHAMPIONS

124
Total National Championships (NCAA 1)

61
Total Men’s NCAA Championships (NCAA 3)

448
Total Individual NCAA Championships (NCAA 1)

105
Total NCAA Championships (NCAA 2)

44
Total Women’s NCAA Championships (NCAA 1)

94
NCAA Team Championships since 1980

71
NCAA Team Championships since 1990

38
Consecutive years with at least one national team championship (NCAA 1)

OLYMPIC MEDALS 1976–2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Gold</th>
<th>Silver</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>12</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>2008</td>
<td>8</td>
<td>13</td>
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<tr>
<td>2004</td>
<td>3</td>
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<td>2000</td>
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<td>3</td>
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<tr>
<td>1996</td>
<td>16</td>
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<td>1992</td>
<td>10</td>
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<td>1988</td>
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<td>1984</td>
<td>5</td>
<td>8</td>
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</tr>
<tr>
<td>1976</td>
<td>5</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

THE CARDINAL
Cardinal has been the color of Stanford athletic teams since 1892. 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.
Stanford University is located on 8,180 acres in the center of the San Francisco Peninsula. Stanford is a self-sustaining community featuring 49 miles of roads, a 49-megawatt power plant, two separate water systems, three dams, three open water reservoirs, 88 miles of water mains, a central heating and cooling plant, a high-voltage distribution system and a post office. Stanford provides or contracts for its own fire, police and other services. Stanford also includes a 35-acre office park in Redwood City.

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

Total: **8,180 acres**
There are about 700 buildings at Stanford that incorporate more than 15.3 million square feet. About 60 percent of these buildings are larger than 5,000 square feet and account for more than 15 million square feet of the total.

The inner campus includes about 1.1M square feet of shrubs, 143,000 linear feet of groundcovers, 1.3 million square feet of green areas and 2,700 automatic irrigation valves.

96% of undergraduates live on campus, as do about 62 percent of graduate students and 30 percent of faculty members.

There are 850 owner-occupied housing units for faculty on campus, as well as 628 rental units for faculty and staff.

There are more than 800 different species of plants.

The Stanford campus also encompasses the 70-acre Stanford Shopping Center, built in 1955, which houses 140 retail stores.

There are more than 43,000 trees on the Stanford campus, with the native California Coast Live Oak the most common.

The 700-acre Stanford Research Park, created in 1951, is home to over 150 companies.

There are 25 fountains.

The 700-acre Stanford Research Park, created in 1951, is home to over 150 companies.

Stanford, excluding the hospitals, provides more than 19,000 parking spaces.
The Stanford Energy System Innovations program will reduce campus greenhouse gas emissions by 50% and decrease potable water use by 15 percent by 2015, exceeding California’s AB 32 Global Warming Solutions Act.

Energy retrofits save more than 46M kilowatt-hours of electricity per year—about 22 percent of the university’s annual electricity consumption.

The recycling program diverts 64% of waste from landfills.

Designated a Platinum-Level “Bicycle Friendly University,” Stanford boasts 13,000 bikes on campus daily, 12 miles of bike lanes and 18,000 bike parking spaces. Eighteen percent of university commuters bike to work.

There are nine electric vehicle-charging stations on campus.

Employee drive-alone rate has been reduced from 72 percent in 2002 to 49% in 2014. Transit ridership is up from 8 to 27 percent.

Ridership on the free Marguerite bus system increased to 2.3M in 2013, up 21 percent from 2012.

In 2014, 51% of employees commuted via alternative transportation.

About 40% of Stanford food is sustainably sourced from local farms and manufacturers or is third-party certified.

23% reduction in domestic water use has been achieved since 2001, despite the addition of more than 2 million gross square feet.

THE TRANSPORTATION PROGRAM INCLUDES:

- the free 79-bus, 24-route Marguerite system running 13 electric buses, five diesel-electric hybrid buses and 51 buses fueled by biodiesel;
- the 8,750-member Commute Club;
- free transit for employees on Caltrain, VTA and Dumbarton Express, and free or discounted transit for students and employees on AC Transit’s Line U and ACE train;
- Zipcar car sharing;
- commute planning;
- charter services;
- and a bike program.
Stanford Medicine encompasses the Stanford School of Medicine, Stanford Health Care and the Lucile Packard Children’s Hospital.

Stanford Medicine is leading the biomedical revolution through discoveries that result in practical improvements to human health. Innovations include the first synthesis of biologically active DNA in a test tube, the first construction of a recombinant DNA molecule containing DNA from two different species, discovery of immune response genes, development of the microarray technology and the expansion of optogenetics. The first successful adult human heart transplant in the country and the first combined heart-lung transplant in the world were performed at Stanford.

**STANFORD HEALTH CARE**

Stanford Health Care is a leading academic health system, specializing in the treatment of rare, complex disorders in such areas as cardiac care, cancer, neuroscience, surgery and organ transplants. It was founded in 1959 as the Palo Alto-Stanford Hospital Center and, today, is the only Level-1 trauma center between San Francisco and San Jose. It has 613 licensed beds, 49 operating rooms, 1,450 faculty physicians and 1,016 interns and residents. There were 520,882 ambulatory visits in 2013. The Stanford
Health Library receives 360,000 online visitors and is used by about 17,000 people annually at one of five locations. The new, 824,000 square-foot Stanford Hospital will open in 2018.

**LUCILE PACKARD CHILDREN’S HOSPITAL**

Lucile Packard Children’s Hospital Stanford is the heart of Stanford Children’s Health and a leader in every pediatric and obstetric specialty. Established in 1991, the 311-bed hospital, in collaboration with a network of 100 Stanford Children’s Health locations throughout the U.S. western region, provides care for nearly 400,000 patient visits a year. The hospital has 946 medical staff, 3,277 employees and 824 volunteers. The hospital is undergoing a 150-room expansion, opening in early 2017, which will create the most technologically advanced and environmentally friendly children’s hospital in America.
In 2014–15, Stanford is a $5.1 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 $655.4 million capital budget and excludes the budget for Stanford Health Care.

ENDOWMENT
Stanford’s $21.4 billion endowment (as of Aug. 31, 2014) provides an enduring source of financial support for fulfillment of the university’s mission of teaching, learning and research. More than half of the endowment is designated by donors for a specific purpose. There are more than 7,000 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 value 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 OF FUNDS FOR FY 2014–15

- 21% Endowment Income
- 16% Student Income
- 16% Health Care Services
- 18% Sponsored Research
- 11% Other Income
- 6% Expendable Gifts and Net Assets Released
- 8% SLAC National Accelerator Laboratory
- 4% Other Investment Income
- 31% Operating Expenses
- 60% Salaries and Benefits
- 4% Debt Service
- 5% Financial Aid

FUNDRAISING

Stanford University in 2013–14 raised $928.5 million from 82,300 donors.
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.”

ACCREDITATION

Stanford University is accredited by the Accrediting Commission of Senior Colleges and Universities of the Western Association of Schools and Colleges.
BOARD OF TRUSTEES (AS OF DECEMBER 2014)

Fred W. Alvarez, Partner, Jones Day, Palo Alto, CA
Robert M. Bass, President, Keystone Group LP, Fort Worth, TX
Brook H. Byers, Partner, Kleiner Perkins Caufield & Byers, Menlo Park, CA
James E. Canales, President and CEO, Barr Foundation, Boston, MA
RoAnn Costin, President, Wilderness Point Investments, Boston, MA
James G. Coulter, Founding Partner, TPG Capital, LP, San Francisco, CA
Deborah A. DeCotis, Private Investor, D Squared Holdings LLC, New York, NY
Steven A. Denning, Chairman, General Atlantic LLC, Greenwich, CT
Bruce W. Dunlevie, General Partner, Benchmark Capital, Woodside, CA
Armando Garza, Chairman, Alfa, Garza Garcia, NL, MX
John A. Gunn, Chairman Emeritus and Director, Dodge and Cox, San Francisco, CA
Gail B. Harris, Retired Partner, Simpson Thacher & Bartlett LLP, New York, NY
Christine U. Hazy, Co-Founder and Managing Director, Sketch Foundation, Los Angeles, CA
John L. Hennessy, President, Stanford University, Stanford, CA
Ronald B. Johnson, Founder and CEO, Enjoy, Menlo Park, CA
Tonia G. Karr, San Francisco, CA
Frank D. Lee, CEO, Dragonfly Sciences, Inc., Wellesley, MA
Bernard Liautaud, General Partner, Balderton Capital, London, UK
Susan R. McCaw, President, COM Investments, Santa Barbara, CA
Lloyd M. Metz, Managing Director, ICV Partners, New York, NY
Hamid R. Moghadam, Chairman & CEO, Prologis, Inc., San Francisco, CA
Kenneth E. Olivier, Chairman Emeritus, Dodge and Cox, San Francisco, CA
Paul A. Ormond, Chairman, President, CEO, HCR ManorCare, Inc., Toledo, OH
Ruth M. Porat, Executive Vice President & Chief Financial Officer, Morgan Stanley, New York, NY
Laurene Powell Jobs, Founder/Chair, Emerson Collective, Palo Alto, CA
Jeffrey S. Raikes, Co-Founder, The Raikes Foundation, Seattle, WA
Mindy B. Rogers, Atherton, CA
Victoria B. Rogers, President, Rose Hills Foundation, Los Angeles, CA
Kavitark Ram Shriram, Founder, Shriram Ventures, Menlo Park, CA
Ronald P. Spogli, Founding Partner, Freeman Spogli & Co., Los Angeles, CA
Srinija Srinivasan, Palo Alto, CA
Isaac Stein, President, Waverley Associates, Atherton, CA
Thomas F. Steyer, San Francisco, CA
Gene T. Sykes, Global Co-Head of M&A and Chairman, Goldman Sachs Group, Inc., Los Angeles, CA
Vaughn C. Williams, Of Counsel, Skadden Arps Slate Meagher & Flom, New York, NY
Jerry Yang, AME Cloud Ventures, Palo Alto, CA

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Garth Saloner, Dean, Graduate School of Business
Deborah Stipek, Dean, Graduate School of Education

STAFF

In 2014

11,269

staff members supported teaching, learning and research at Stanford. This includes:

6,204 
managerial and professional staff
2,872 
clerical and technical staff
809 
service and maintenance staff
1,384 
employees at the SLAC National Accelerator Laboratory

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The Stanford Alumni Association was established in 1892 by the university’s first graduating class. In 2014, there are 217,311 Stanford alumni living worldwide.

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Jennifer Connelly, actress
Sigourney Weaver, actress
Richard Diebenkorn*, artist
Robert Motherwell*, artist
Gretchen Carlson, broadcaster
Ted Koppel, broadcaster
Rachel Maddow, broadcaster
David Lang, composer
David Chase, director
Alexander Payne, director
Jay Roach, director
Jon Nakamatsu, pianist

David Brown*, producer
Gale Anne Hurd, producer
Edward Pressman, producer
Richard Zanuck*, producer

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Jack McDowell
Mike Mussina

**FOOTBALL**
John Elway
Toby Gerhart
Andrew Luck
John Lynch
Jim Plunkett
Richard Sherman

**BASKETBALL**
Jason Collins
Brook Lopez
Robin Lopez
Chiney Ogwumike
Nneka Ogwumike

**GOLF**
Tom Watson
Tiger Woods

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Jessica Mendoza
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Mike Bryan
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Marissa Mayer, Yahoo
Scott McGregor, Broadcom
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Dudley Herschbach, chemistry
Roger Kornberg, chemistry
K. Barry Sharpless, chemistry
Richard E. Taylor, physics
Carl Wieman, physics
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SCIENCE AND ENGINEERING
INVENTORS
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John Chowning, synthesizer
Ray Dolby*, noise-reduction system
Ted Hoff, microprocessor
Ted Maiman*, laser
Brad Parkinson, GPS
Brent Townshend, 56K modem
Sally Ride*, first U.S. woman in space

AND MORE
Stewart Brand, Internet pioneer
Paul Draper, vintner
Matt Flannery, Kiva
Atul Gawande, surgeon
Jessica Jackley, Kiva
Robert Mondavi*, vintner
Jeff Raikes, The Raikes Foundation
Blake Ross, Mozilla Firefox developer
Katharine Jefferts Schori, Episcopal presiding bishop
Jeffrey Skoll, Skoll Foundation
Edward Tufte, statistician

* deceased
"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.