ON THE COVER: NERD NATION HAS BECOME AN UNOFFICIAL NICKNAME FOR CARDINAL FANS. THE PLAYFUL
NICKNAME RECOGNIZES STANFORD’S ACADEMIC EXCELLENCE, ATHLETIC SUCCESS AND IRREVERENT HUMOR.
PHOTO BY JOHN TODD, ISIPHOTOS.COM

FOR MORE STANFORD FACTS, VISIT THE WEBSITE AT FACTS.STANFORD.EDU.

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.

ON THE BACK COVER: THE DISH, LOCATED IN THE STANFORD FOOTHILLS, WAS CONSTRUCTED IN THE 1960s TO
PROBE THE SCATTERING PROPERTIES OF THE EARTH’S IONOSPHERE. IT IS OWNED BY SRI INTERNATIONAL.
PHOTO BY AARON KEHOE.
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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 walking tours and golf-cart tours, except during winter break 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.

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 32,000 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 exhibits items from the Hoover Institution Archives. Email hoover-tower@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 1,189 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.

ROSENBERG ATHLETIC HALL OF FAME
The Sydney and Theodore Rosenberg Athletic Hall of Fame in the Arrillaga Family Sports Center honors Stanford’s athletes. Among the items on display are Directors’ Cups, quarterback Jim Plunkett’s Heisman trophy and swimmer Mike Bruner’s 1975 Olympic gold medal. Admission is free.

SLAC NATIONAL ACCELERATOR LABORATORY
The SLAC National Accelerator Laboratory, opened in 1962, is a U.S. Department of Energy research facility operated by Stanford and located on 426 acres about three miles from campus. Tours, which can be arranged online, include a visit to the two-mile-long linear accelerator.

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.”

HISTORIC MILESTONES

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

Presidents of Stanford University

<table>
<thead>
<tr>
<th>Period</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.
**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
June 20  Hoover War Collection (now Hoover Institution on War, Revolution and Peace) established
July 14  Main Library opens

**1919** January  First undergraduate tuition charged
May 23  Honor Code adopted
May 15  School of Engineering organized
Sept. 30  Graduate Business School opens

**1920** June  University’s 50th anniversary celebrated and Hoover Tower dedicated

**1921** May 23  First research park lease signed with Varian Associates

**1925** May 15  School of Engineering organized

**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** Sept.  Stanford Alumni Association integrated into the university


**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

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**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>
</tr>
<tr>
<td>2011</td>
<td>6,927</td>
<td>8,796</td>
<td>1,492</td>
</tr>
<tr>
<td>2012</td>
<td>6,999</td>
<td>8,871</td>
<td>1,542</td>
</tr>
<tr>
<td>2013</td>
<td>6,980</td>
<td>8,897</td>
<td>1,583</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.*
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 5 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 2012–13, about $5.3 million was allocated for grant programs benefiting about 938 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*
- 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
- 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.

1,660 Undergraduate degrees awarded in 2013

The Class of 2017
- 38,828 applications
- 2,208 admitted
- 1,677 matriculated
- 5.7% acceptance rate

**TOP 5 UNDERGRADUATE DEGREES**
- Human Biology
- Computer Science
- Biology
- Engineering
- Economics

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

**GENDER BALANCE**
- 46.1% Women
- 53.9% Men

**HIGH SCHOOLS**
- 57.5% Public
- 30.6% Private
- 11.8% International
- 0.1% Home School

**GEOGRAPHIC DIVERSITY**
- 49 States represented
- 67 Countries represented

**ETHNIC DIVERSITY**
- White 31.7%
- Other Hispanic 6.9%
- Native Hawaiian/Pacific Islander 1.3%
- Native American 3.5%
- Mexican/Chicano 7.9%
- African American 10%
- International 9.8%
- Asian 21%
- Unknown 7.9%
UNDERGRADUATE FINANCIAL AID 2012–13
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: 5,862
Total number of students receiving financial aid toward cost of attendance from a variety of internal and external sources: 4,785
Total students enrolled (4 qtrs): 7,002
Percent of students receiving some form of financial assistance: 84%
Percent of students receiving any form of aid toward cost: 68%
Percent of students receiving need-based scholarship from Stanford: 49%
Percent of students receiving Pell Grants: 16%
Scholarship Aid $166,062,019  92.4%
Long-Term Loans $7,603,421  4.2%
Term-Time Jobs $5,997,553  3.3%
Total $179,662,993

SOURCES OF SCHOLARSHIP AID 2012–13
Stanford General Funds $32,808,026
Current Gifts-Nonathletic $17,812,662
Endowment Income-Nonathletic $75,245,832
Trademark Income $441,695
Athletic Awards $18,787,433
Department Awards $823,331
Federal Pell Grants $4,676,831
Federal Supplemental Grants $1,092,216
Other Federal Grants $1,441,619
State Grants $3,473,821
Other External Awards $9,458,553
Total $166,062,019

ALL UNDERGRADUATES, FALL 2013
6,980 students matriculated.

GENDER BALANCE
47% Women
53% Men

GEORGIC ORIGIN
39% California
53% Other U.S.
8% Foreign

CLASS SIZE
4% 100+
8% 50–99
36% 2–9
33% 10–19
10% 20–29
5% 30–39
4% 40–49

ETHNIC DIVERSITY
Asian 22%
Native American 8%
Declined to State/Other 3%
White 41%
Other Hispanic 7%
Native Hawaiian/ Pacific Islander 1%
Mexican/Chicano 7%
International 8%

5-YEAR GRADUATION RATES
2004 92.2%
2005 92.0%
2006 92.0%
2007 91.9%
2008 90.8%

STANFORD STUDENT AWARDS
112 Rhodes Scholars
88 Marshall Award Winners
62 Truman Scholars
UNDERGRADUATE STUDENT BUDGET 2013–14

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$42,690</td>
</tr>
<tr>
<td>Required Fees: Vaden Health Center (applies only to students living on campus)</td>
<td>$555</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$13,166</td>
</tr>
<tr>
<td>Books (estimated)</td>
<td>$1,500</td>
</tr>
<tr>
<td>Personal (estimated)</td>
<td>$2,400</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$60,311</strong></td>
</tr>
</tbody>
</table>

Stanford one-time Orientation Fee, which applies only to freshmen and transfers: $438

Health Insurance (estimated): $3,936

The median per student cumulative undergraduate indebtedness for students earning undergraduate degrees between July 1, 2012 and June 30, 2013 and receiving financial aid: $13,000

The average per student cumulative undergraduate indebtedness for students earning undergraduate degrees between July 1, 2012 and June 30, 2013 and receiving financial aid: $16,640

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, 8,897 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 57 percent of graduate students live on campus. The Office of the Vice Provost for Graduate Education administers six fellowship programs to support graduate student study.

Admissions decisions are made by each department and program.
DEGREES

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 students; a one-year MS in management program with 83 students; the PhD program with about 100 students in residence; Stanford Ignite, a part-time program in innovation and entrepreneurship; a joint MS/MBA degree with computer science; and some 50 Executive Education short courses. Each is designed to transform people and prepare them to change lives, organizations and the world. The 114 faculty members include three Nobel laureates. GSB’s Knight Management Center opened in 2011. Visit gsb.stanford.edu or call (650) 723-2146.

SCHOOL OF EARTH SCIENCES
Dean: Pamela Matson
Research and teaching in the School of Earth Sciences focus on meeting the needs of a growing global population while protecting the planet’s long-term life support systems. The school addresses critical sustainability challenges, including energy, fresh water,
food, climate change and natural hazards such as earthquakes and volcanoes. Scholars seek a greater understanding of Earth in areas including geology, continental dynamics, and oceans and biogeochemical cycles. The school has 60 faculty, 200 undergraduates and 400 graduate students. It offers BS, MS, Engineer and PhD degrees. Visit earth.stanford.edu or call (650) 723-2544.

GRADUATE SCHOOL OF EDUCATION
Dean: Claude Steele
The Graduate School of Education enrolls about 400 graduate students and is preparing the next generation of education professors, researchers, policymakers, teachers, entrepreneurs and executives. Its faculty draws from a variety of disciplines to produce scholarship and research that shapes educational theory, practice and policy. The GSE partners with government agencies, schools, school districts and other organizations serving youth nationwide. It 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. Call (650) 723-2109 or visit ed.stanford.edu.

SCHOOL OF ENGINEERING
Dean: James Plummer
More than 5,000 graduate and undergraduate students are enrolled in the School of Engineering. Engineering faculty and graduates have founded an estimated 12,700 companies, including Google, Yahoo, Hewlett-Packard and Cisco. The school has nine departments, more than 245 faculty members and more than 84 laboratories, centers, institutes and programs, including the Stanford Technology Ventures Program, which offers entrepreneurship education. 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 2,224 graduate students and 2,225 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 550 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 education, with about 70 faculty members and 180 new JD students annually. The student-to-faculty ratio is 7.6 to 1. The school offers 21 joint degree programs in areas ranging from bioengineering to business to public policy. Eleven clinical programs allow students to undertake the roles of practicing lawyers, and 31 academic programs, centers and projects offer opportunities for research and policy study. Call (650) 723-2465 or 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 more than 850 full-time faculty, including six Nobel laureates; 1,150 postdoctoral scholars; 411 M.D. students; and 812 Ph.D. and M.S. candidates. Faculty deliver care at Stanford Hospital & Clinics and Lucile Packard Children’s Hospital, where medical students also gain experience. In 2012, faculty received more than $450 million for sponsored research. Call (650) 723-6861 or 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.

SUMMER SESSION
The Summer Session is the only academic quarter during which Stanford offers enrollment to non-matriculated students. Joining current Stanford undergraduate and graduate students in the Summer Session are about 1,500 exceptional visiting students from around the world. Call (650) 723-3109.
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 2,043 members of the professoriate faculty. There are 547 faculty members appointed to endowed chairs.

**STANFORD’S FALL 2013 COMMUNITY OF SCHOLARS INCLUDES:**

- **22** Nobel laureates are currently members of the Stanford community.
- **31** Stanford faculty have won the Nobel Prize since the university’s founding.
- **27** MacArthur Fellows
- **3** National Humanities Medal recipients
- **5** Pulitzer Prize winners
- **20** National Medal of Science recipients
- **2** National Medal of Technology recipients
- **158** National Academy of Sciences members
- **104** National Academy of Engineering members
- **67** Institute of Medicine members
- **51** American Philosophical Society members
- **7** Wolf Foundation Prize winners
- **6** Koret Foundation Prize winners
- **32** National Academy of Education members
- **3** Presidential Medal of Freedom winners

**PROFESSOR CHRIS CHAFE AND STUDENT MICHAEL IORGA DISCUSS GRAPHIC REPRESENTATION OF BRAIN ACTIVITY.**
STANFORD RESEARCH AND INNOVATION

The synthesis of teaching and research is fundamental to Stanford. All faculty do scholarly research, often in association with graduate students or advanced undergraduates. About 2,000 postdoctoral scholars also are involved.

There are more than 5,100 externally sponsored projects throughout the university, with the total budget for sponsored projects at $1.35 billion during 2013-14, including the SLAC National Accelerator Laboratory (SLAC). Of these projects, the federal government sponsors approximately 83 percent, including SLAC. In addition, nearly $210 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

SLAC National Accelerator Laboratory is a U.S. Department of Energy national laboratory operated by Stanford. Research at SLAC addresses materials and energy science, biology, chemistry, particle physics, astrophysics, cosmology and advanced accelerator development. 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.

**The Hoover Institution on War, Revolution and Peace** is devoted to the study of domestic and international affairs and was founded in 1919 by President Herbert Hoover, a member of Stanford’s Class of 1895. One of the first think tanks in the United States, the institution has more than 100 resident scholars/specialists.

**INDEPENDENT LABS, 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.

**PHYSICAL SCIENCES**
- Geballe Laboratory for Advanced Materials
- E. L. Ginzton Laboratory
- W. W. Hansen Experimental Physics Laboratory
- Kavli Institute for Particle Astrophysics and Cosmology
- PULSE Institute for Ultrafast Energy Science
- Stanford Institute for Materials and Energy Sciences

**ENVIRONMENTAL SCIENCES**
- Precourt Institute for Energy
- Stanford Woods Institute for the Environment

**HUMANITIES AND SOCIAL SCIENCES**
- Freeman Spogli Institute for International Studies at Stanford
- Center for the Study of Language and Information
- Stanford Center on Longevity
- Stanford Humanities Center
- Stanford Institute for Economic Policy Research
- Center for Advanced Study in the Behavioral Sciences

**BIOLOGICAL AND LIFE SCIENCES**
- Bio-X
- Spectrum
- Stanford Institute for Chemical Biology
- Stanford Neurosciences Institute

**TECHNOLOGY LICENSING**
Stanford’s Office of Technology Licensing (OTL) brings technology created at Stanford to market. In 2012–13, Stanford received more than $87 million in gross royalty revenue from 622 technologies. Forty-two of the inventions generated $100,000 or more in royalties. Six inventions generated $1 million or more. In 2012–13, OTL concluded 103 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.
**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.

**Diagnosing infections:** John Boothroyd, Lawrence Burg and Philippe Pouletty developed a technique to make copies of RNA and DNA sequences that is used in molecular diagnostic testing for certain infectious diseases.

**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.

**Glowing mice:** David Benaron, Chris Contag and Pamela Contag discovered that bioluminescent genes could be harnessed to visualize biological phenomena inside living animals.

**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.

**Optical fiber amplifier:** John Shaw and Michel J.F. Digonnet enabled the bandwidth explosion in optical communications and telecommunications essential to the Internet.

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

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**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 Semiconductor
- Dolby Laboratories
- eBay
- E*Trade
- Electronic Arts
- Gap
- Google
- Hewlett-Packard Company
- IDEO
- Intuit
- Intuitive Surgical, Inc.
- Kiva
- LinkedIn
- Logitech
- Mathworks
- MIPS Technologies
- Nanosolar, Inc.
- Netflix
- Nike
- NVIDIA
- Odwalla
- Orbitz
- Rambus
- Silicon Graphics
- Sun Microsystems
- SunPower Corp.
- Taiwan Semiconductor
- Tensilica
- Tesla Motors
- Varian
- VMware
- Whole Earth Catalog
- Windham Hill Records
- 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.

The library’s Academic Computing Services support 700 public computers in 100 classrooms and study spaces, delivering about 250 software applications; facilities in 80 residences and Meyer Library; and the Digital Language Lab, which provides learning in 44 languages.

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.

HIGHWIRE PRESS
Established in 1995, Stanford’s ePublishing platform, HighWire Press, works with more than 150 publishers, societies and university presses to produce the online versions of more than 1,750 peer-reviewed journals, books, reference works and other scholarly publications. Readers can access information from nearly 7 million full-text articles.

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

SUNet, the Stanford University Network, includes more than 145,000 active devices with Internet protocol addresses. SUNet transports 26 terabytes of incoming data and 21 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. All residences on campus have a cluster of computers for use day or night.

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

NOTABLE DATES:
1953 High-speed electronic calculator installed on campus
1956 First computer installed
1957 First faculty member specializing in computers hired
1965 Computer Science Department founded
1968 Computer mouse, hypertext linking debuted at Stanford
1987 First resident computing program established at Stanford
1988 Stanford’s network is one of the first to connect to the Internet
1991 SLAC creates the first U.S. website
2005 Stanford first university to launch a public site on iTunes U
2013 Stanford engineers build computer using carbon nanotubes
As of Autumn 2013, 6,448 undergraduate and 5,007 graduate students live on campus. Undergraduate campus housing is guaranteed for four years for entering freshmen. About 97 percent of all undergraduates registered and residing at the home campus live in on-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 57 percent of graduate students eligible for housing live on campus, in 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 625 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 at Stanford. 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 Center.

**PUBLIC SERVICE**

The Haas Center for Public Service provides service opportunities, including fellowships, service learning, community-based research, leadership training, community programs serving children and youth and advising on public service careers. The center supports nearly 20 programs and many student organizations, offers about 40 service-learning courses and funds 20 community-based research projects.
**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. SUDPS employs sworn personnel holding the rank of deputy sheriff, sergeant, lieutenant and chief, as well as non-sworn community service and public safety officers. SUDPS produces the Stanford Safety, Security and Fire Almanac in compliance with the Jeanne Clery Disclosure of Campus Security Policy and 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 “Bicycle Friendly University.” Freshmen may not bring cars to campus, but the free Marguerite includes 60 buses in a 23-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.
Stanford has won the Directors’ Cup, which honors the most successful program in NCAA Division I sports, the last 18 years. For 37 years in a row, Stanford has won at least one national championship—the longest streak in the nation. In 2012–13, women’s tennis was the national NCAA champion.

The Department of Athletics offers 36 varsity sports—20 for women, 16 for men—plus 26 club sports. Stanford offers about 300 athletic scholarships. About 900 students participate in intercollegiate sports. Stanford scholar-athletes have earned 151 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; 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

123
Total National Championships (NCAA 1)

61
Total Men’s NCAA Championships (NCAA 3)

448
Total Individual NCAA Championships (NCAA 1)

86
NCAA Team Championships since 1980

37
Consecutive years with at least one national team championship (NCAA 1)

104
Total NCAA Championships (NCAA 2)

43
Total Women’s NCAA Championships (NCAA 1)

STANFORD CAMPUS

The 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.

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

4,017 acres in unincorporated Santa Clara County
1,161 acres in Palo Alto
111 acres in Menlo Park
2,701 acres in unincorporated San Mateo County
114 acres in Woodside
76 acres in Portola Valley
8,180 total acres

The women’s tennis team was the national NCAA champion in 2013.

STANFORD FROM THE FOOTHILLS

Olympic Medals 1976–2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Gold</th>
<th>Silver</th>
<th>Bronze</th>
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</thead>
<tbody>
<tr>
<td>2012</td>
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<td>2</td>
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<td>1992</td>
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</tbody>
</table>
There are more than 700 buildings at Stanford that incorporate about 15 million square feet. About 60 percent of these buildings are larger than 5,000 square feet and account for more than 14 million square feet of the total.

Stanford provides more than 20,500 parking spaces. 97% of undergraduates live on campus, as do about 57 percent of graduate students and 30 percent of faculty members.

There are more than 43,000 trees on the Stanford campus, with the native California Coast Live Oak the most common. There are more than 800 different species of plants. There are 850 owner-occupied housing units for faculty on campus, as well as 628 rental units for faculty and staff.

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.

There are more than 43,000 trees on the Stanford campus, with the native California Coast Live Oak the most common. There are more than 800 different species of plants.

The recycling program diverts 66% of waste from landfills. There are nine electric vehicle-charging stations on campus.

There are 25 fountains. Stanford provides more than 20,500 parking spaces.

SUSTAINABLE STANFORD

Stanford University prioritizes sustainability in the stewardship of its lands and operation of its facilities:

The Stanford Energy System Innovation program will reduce campus greenhouse gas emissions by 50% and decrease potable water use by 18 percent by 2015, exceeding California’s AB 32 Global Warming Solutions Act.

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

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

There are nine electric vehicle-charging stations on campus.

Employee drive-alone rate has been reduced from 72 percent in 2002 to 47% in 2013. Transit ridership is up from 8 to 28 percent.

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Since 2002, energy retrofits have resulted in an estimated savings of more than 176M kilowatt-hours of electricity—about eight months of the university’s current use.

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. Twenty-one percent of university commuters bike to work.

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Stanford Medicine encompasses the Stanford School of Medicine, Stanford Hospital & Clinics 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 Hospital & Clinics is one of the nation’s top hospitals, 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. It has 613 licensed beds, 49 operating rooms, a medical staff of 2,116, a house staff of 1,152 residents and interns, and a nursing staff of 2,325 RNs, 154 LVNs and 139 nursing assistants. There were 26,147 inpatient admissions, 520,882 clinic visits and 57,606 emergency patient visits. The Stanford Health Library is used by about 21,600 people online monthly and by about 18,300 people annually at any of five locations.

Lucile Packard Children’s Hospital, established in 1991, is one of the nation’s best pediatric hospitals and is devoted to the care of children and expectant mothers. It began as the Stanford Home for Convalescent Children in 1919. The 311-bed hospital has 958 medical staff, 3,257 employees and 853 volunteers. During the past year, the hospital cared for 13,000 pediatric inpatients and 4,500 obstetric patients. Packard Children’s also has outreach services and satellite facilities throughout the Bay Area, including the Mobile Adolescent Health Services Program, which provides exams and free medications for homeless and uninsured youths.
In 2013–14, Stanford is a $4.8 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 $659 million capital budget and excludes the budgets for the Stanford Hospital & Clinics and the Lucile Packard Children’s Hospital, which are separate corporations.

ENDOWMENT
Stanford’s $18.7 billion endowment (as of Aug. 31, 2013) provides an enduring source of financial support for fulfillment of the university’s mission of teaching, learning and research. About 75 percent 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 2013–14
- 19% Sponsored Research
- 21% Endowment Income
- 9% SLAC National Accelerator Laboratory
- 15% Health Care Services
- 16% Student Income
- 6% Expendable Gifts and Net Assets Released
- 4% Other Income
- 10% Other Income

Expenditures for FY 2013–14
- 31% Operating Expenses
- 59% Salaries and Benefits
- 4% Debt Service
- 6% Financial Aid

Fundraising
Stanford University in 2012–13 raised $931.6 million from 82,000 donors, which is the largest number of donors in Stanford history.
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.”

The Stanford Hospital & Clinics and the Lucile Salter Packard Children’s Hospital at Stanford are nonprofit California corporations. They are separate from the university and from one another.

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 2013)

Fred W. Alvarez, Partner, Jones Day, Palo Alto, CA
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Kavitark Ram Shriram, Founder, Shervalo Ventures, Menlo Park, CA
Ronald P. Spogli, Founding Partner, Freeman Spogli & Co., Los Angeles, CA
Isaac Stein, President, Waverley Associates, Atherton, CA
Thomas F. Steyer, Co-Founding Director, Next Generation, Founder and CEO, NextGen Action, San Francisco, CA
Vauhn C. Williams, Of Counsel, Skadden Arps Slate Meagher & Flom, New York, NY
Jerry Yang, AME Cloud Ventures, Palo Alto, CA

STANFORD ADMINISTRATION

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John Etchemendy, Provost
David Demarest, Vice President for Public Affairs
David A. Jones, Vice President for Human Resources
Randall S. Livingston, Vice President for Business Affairs and Chief Financial Officer
William J. Mada, Vice President, SLAC National Accelerator Laboratory
Robert Reidy, Vice President for Land, Buildings and Real Estate

Martin Shell, Vice President for Development
Howard Wolf, Vice President for Alumni Affairs and President, Stanford Alumni Association
Debra Zumwalt, Vice President and General Counsel
The Stanford Alumni Association was established in 1892 by the university’s first graduating class. In 2013, there are 214,553 Stanford alumni living worldwide.

ACADEMIC LEADERS
William Brody, Salk Institute president
Nancy Cantor, Syracuse chancellor and president
Michael Drake, UC-Irvine chancellor
Pamela Eibeck, University of the Pacific president
Vartan Gregorian, Carnegie Corporation president
Rev. William Leahy, Boston College president

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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
Nneka Ogwumike
Candace Wiggins

GOLF
Tom Watson
Tiger Woods

OLYMPIANS
Jennifer Azzi
Janet Evans
Julie Foudy
Eric Heiden
Bob Mathias*
Pablo Morales
Jessica Mendoza
Summer Sanders
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Kerri Walsh

TEennis
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Mike Bryan
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ENTREPRENEURS
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Sergey Brin, Google
David Filo, Yahoo
Doris Fisher, Gap
Reed Hastings, Netflix
William Hewlett*, Hewlett-Packard
Konstantin Guericke, LinkedIn
Reid Hoffman, LinkedIn
Vinod Khosla, Sun Microsystems
Phil Knight, Nike
Mike Krieger, Instagram
Scott McNealy, Sun Microsystems
David Packard*, Hewlett-Packard
Larry Page, Google
Charles R. Schwab, Charles Schwab Corp.
Kevin Systrom, Instagram
Peter Thiel, PayPal
Jerry Yang, Yahoo

EXECUTIVES
Steve Ballmer, Microsoft
Jeffrey Bewkes, Time Warner
Marissa Mayer, Yahoo
Azim Premji, Wipro

CABINET
Ann Arvin, Vice Provost and Dean of Research
Harry Elam, Vice Provost for Undergraduate Education
Chi-Chang Kao, Director, SLAC National Accelerator Laboratory
Patricia Gumport, Vice Provost for Graduate Education
M. Elizabeth Magill, Dean, School of Law
Pamela Matson, Dean, School of Earth Sciences
Lloyd Minor, Dean, School of Medicine
John Mitchell, Vice Provost for Online Learning
James Plummer, Dean, School of Engineering
John Raisian, Director, Hoover Institution on War, Revolution and Peace
Richard Sailer, Dean, School of Humanities and Sciences
Garth Saloner, Dean, Graduate School of Business
Claude Steele, Dean, Graduate School of Education

STAFF
In 2013

11,128
staff members supported teaching, learning and research at Stanford. This includes:

6,008
managerial and professional staff

2,876
clerical and technical staff

780
service and maintenance staff

1,464
employees at the SLAC National Accelerator Laboratory

For more information about working at Stanford, visit jobs.stanford.edu.
CREATIVE WRITING

NOVELISTS
Michael Cunningham
Jeffrey Eugenides
Ernest Gaines
Alice Hoffman
Ken Kesey*
N. Scott Momaday
Vikram Seth
John Steinbeck*
Scott Turow
Jessamyn West
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
Max Baucus
Cory Booker
Dianne Feinstein
Jeff Merkley
Ron Wyden

SCIENCE AND ENGINEERING

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
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 Gates Foundation
Blake Ross, Mozilla Firefox developer
Katharine Jefferts Schori, Episcopal presiding bishop
Jeffrey Skoll, Skoll Foundation
Edward Tufte, statistician

* deceased

Julian Castro, mayor, San Antonio, Texas
Penny Pritzker, U.S. Secretary of Commerce
Susan Rice, U.S. National Security Adviser

NOBEL PRIZE WINNERS
Eric Cornell, physics
Dudley Herschbach, chemistry
Roger Kornberg, chemistry
K. Barry Sharpless, chemistry
Richard E. Taylor, physics
Carl Wieman, physics
Al Roth, economics
Oliver E. Williamson, economics

SANDRA DAY O’CONNOR

CORY BOOKER
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.

ON THE COVER: Nerd Nation has become an unofficial nickname for Cardinal fans. The playful nickname recognizes Stanford’s academic excellence, athletic success and irreverent humor. PHOTO BY JOHN TODD, ISIPHOTOS.COM

ON THE BACK COVER: The dish, located in the Stanford foothills, was constructed in the 1960s to probe the scattering properties of the Earth’s ionosphere. It is owned by SRI International. PHOTO BY AARON KEHOE.

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