ON THE COVER: STUDENTS RELAX NEAR LUNA MoTH WALK I, A SCULPTURE BY CHARLES GINNEVER.

INSIDE FRONT COVER: STUDENTS CELEBRATE THE END OF FINALS BY FOUNTAIN HOPPING IN WHITE PLAZA.

UNIVERSITY MOTTO AND SEAL

“Die Luft der Freiheit weht” is Stanford’s unofficial motto and translates as “the wind of freedom blows.” The phrase is a quote from Ulrich von Hutten, a 16th-century humanist. Stanford’s first president, David Starr Jordan, embraced von Hutten’s words and included them on his presidential seal. The motto is part of the university seal.
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<td>About Stanford</td>
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<td>Stanford Alumni</td>
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Located in the heart of Silicon Valley, Stanford University is known for its entrepreneurial spirit and leadership in research and learning. Stanford’s faculty, staff and students work to improve the health and wellbeing of people around the world through the discovery and application of knowledge. Stanford’s areas of excellence span seven schools and 18 research institutes, as well as the arts and athletics.

VISITOR INFORMATION SERVICES

Stanford University’s Visitor Information Services (VIS) at 295 Galvez Street offers maps, information and daily campus tours, except during some academic breaks and holidays. Prospective students can tour and experience Stanford through the Discover Stanford program. A trio of specialized tours focusing on the Humanities and Arts, the Science and Engineering Quadrangle, and Athletic Facilities and Recreational Opportunities are offered during select times of year. VIS welcomes more than 150,000 visitors to campus annually. For tour reservations and information, call 650-723-2560, or register at visit.stanford.edu

WHILE ON CAMPUS

Learn about Stanford history, discoveries and people. Look for campus kiosks or visit campuskiosks.stanford.edu

Route information on Stanford’s free shuttle is available at transportation.stanford.edu

Find places to eat on campus: rde.stanford.edu/hospitality/hours-service
STANFORD MEMORIAL CHURCH
Stanford's non-denominational Memorial Church was erected by Jane Stanford in memory of her husband, Leland Stanford. It was dedicated in 1903 and remains the most prominent architectural feature of the Main Quadrangle. The mosaics covering the interior walls depict scenes from the Hebrew Bible. The stained glass windows depict scenes from the 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.

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 Library and Archives.

ART AT STANFORD
Visitors to Stanford’s campus enjoy the beauty of its natural setting, its art and architecture. Designed by Frederick Law Olmsted, the university is home to two art museums in Stanford’s vibrant arts district, a house designed by Frank Lloyd Wright and outdoor artwork across campus. The Anderson Collection and the Cantor Arts Center are open Wednesday–Monday, 11 am – 5 pm, and closed on Tuesdays. On Thursday, the museums are open 11 am – 8 pm. Admission is free. Dining at Cantor’s Cool Café is available near the Rodin Sculpture Garden. For details about the arts at Stanford, see page 45.
HOME OF CHAMPIONS
This newly opened interactive, self-guided experience tell the stories of trailblazers, scholars, coaches and champions who have called Stanford home. Open weekdays from 10 a.m.-4 p.m. (closed on Tuesdays) and weekends from 11 a.m.-4 p.m. Check gostanford.com/homeofchampions for special gameday hours. Free admission. HomeOfChampions@stanford.edu

THE DISH
The 150-foot diameter radio-telescope in the Stanford foothills called the Dish, was constructed in the 1960s to probe the scattering properties of the Earth’s ionosphere. It is still in use, and is owned by SRI International. More than 600,000 people annually hike the service roads within Stanford’s 315-acre habitat reserve, which also supports academic programs, environmental restoration, and habitat conservation. Access is limited to daylight hours, and dogs are prohibited.
The Leland Stanford Junior University was founded in 1885 by Jane and Leland Stanford in memory of their only child, Leland Jr., who died of typhoid fever at 15. After his 1884 death, the Stanfords determined that they would use their wealth to do something for “other people’s” children.

They decided to create a university, 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. The Founding Grant states the university’s objective is “to qualify its students for personal success, and direct usefulness in life” and its purpose “to promote the public welfare by exercising an influence in behalf of humanity and civilization.”

Leland Stanford, who served as California’s governor and Senator, devoted to the university the fortune he had earned, first by supplying provisions to the ‘49ers mining for California gold and later as one of the “Big Four,” whose Central Pacific Railroad laid tracks eastward to meet the Union Pacific and complete the transcontinental railway.
Included in the Founding Grant was the Stanfords’ Palo Alto Stock Farm for the breeding and training of trotting horses, 35 miles south of the family’s San Francisco residence. The Stanfords stipulated that the land they conveyed to the university could not be sold, and the campus still carries the nickname “the Farm.”

The Stanfords engaged landscape architect Frederick Law Olmsted to design the campus. Their collaboration with Olmsted and the architectural firm of Shepley, Rutan and Coolidge resulted in 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, with 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>Year</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 Wilbur&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td>1943–1948</td>
<td>Donald B. Tresidder&lt;sup&gt;2&lt;/sup&gt;</td>
</tr>
<tr>
<td>1949–1968</td>
<td>J. E. Wallace Sterling&lt;sup&gt;3&lt;/sup&gt;</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>2000–2016</td>
<td>John Hennessy</td>
</tr>
<tr>
<td>2016–</td>
<td>Marc Tessier-Lavigne</td>
</tr>
</tbody>
</table>

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<sup>1</sup> Robert Eccles Swain served as acting president from 1929–1933.

<sup>2</sup> Alvin Eurich served as acting president between Tresidder and Sterling.

<sup>3</sup> 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
1887 May 14  Cornerstone of the university laid
1891 March 22  David Starr Jordan becomes university’s first president
1892 March 19  Stanford wins first Big Game with Cal
1893 June 21  Leland Stanford dies
1894 May 30  First PhD awarded
1895 May 29  Pioneer Class graduates, including Herbert Hoover
1896 April 4  First women’s intercollegiate basketball game
1897 Jan. 25  Memorial Church dedicated
1905 Feb. 28  Jane Lathrop Stanford dies

THE STANFORD FAMILY

126TH COMMENCEMENT BACCALAUREATE CEREMONY
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  April 1  Creative Writing Program founded by Wallace Stegner

1947  Sept. 1  School of Mineral Sciences (now Earth, Energy and Environmental Sciences) organized

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

1949  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
# Growth of Academic Council and Student Body

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
<td>1,055 undergraduate students, 114 graduate students, 75 Academic Council*</td>
</tr>
<tr>
<td>1910</td>
<td>1,498 undergraduate students, 157 graduate students, 112 Academic Council*</td>
</tr>
<tr>
<td>1920</td>
<td>2,165 undergraduate students, 283 graduate students, 150 Academic Council*</td>
</tr>
<tr>
<td>1930</td>
<td>3,103 undergraduate students, 1,530 graduate students, 271 Academic Council*</td>
</tr>
<tr>
<td>1940</td>
<td>3,460 undergraduate students, 1,782 graduate students, 309 Academic Council*</td>
</tr>
<tr>
<td>1950</td>
<td>4,805 undergraduate students, 2,907 graduate students, 372 Academic Council*</td>
</tr>
<tr>
<td>1960</td>
<td>5,648 undergraduate students, 4,208 graduate students, 619 Academic Council*</td>
</tr>
<tr>
<td>1970</td>
<td>6,221 undergraduate students, 5,217 graduate students, 1,029 Academic Council*</td>
</tr>
<tr>
<td>1980</td>
<td>6,630 undergraduate students, 6,236 graduate students, 1,230 Academic Council*</td>
</tr>
<tr>
<td>1990</td>
<td>6,555 undergraduate students, 6,886 graduate students, 1,340 Academic Council*</td>
</tr>
<tr>
<td>2000</td>
<td>6,548 undergraduate students, 7,700 graduate students, 1,368 Academic Council*</td>
</tr>
<tr>
<td>2010</td>
<td>6,887 undergraduate students, 8,779 graduate students, 1,468 Academic Council*</td>
</tr>
<tr>
<td>2015</td>
<td>6,994 undergraduate students, 9,128 graduate students, 1,651 Academic Council*</td>
</tr>
<tr>
<td>2016</td>
<td>7,032 undergraduate students, 9,304 graduate students, 1,659 Academic Council*</td>
</tr>
<tr>
<td>2017</td>
<td>7,056 undergraduate students, 9,368 graduate students, 1,667 Academic Council*</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.

## Events

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1967</td>
<td>Sept. 9</td>
</tr>
<tr>
<td>1968</td>
<td>Sept. 12</td>
</tr>
<tr>
<td></td>
<td>Dec. 1</td>
</tr>
<tr>
<td>1970</td>
<td>Sept. 24</td>
</tr>
<tr>
<td>1974</td>
<td>Feb. 11</td>
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<tr>
<td>1980</td>
<td>Aug. 1</td>
</tr>
<tr>
<td>1989</td>
<td>Oct. 17</td>
</tr>
<tr>
<td>1992</td>
<td>Sept. 1</td>
</tr>
<tr>
<td>1998</td>
<td>September</td>
</tr>
<tr>
<td>1999</td>
<td>January</td>
</tr>
<tr>
<td>2000</td>
<td>May 2</td>
</tr>
<tr>
<td></td>
<td>Oct. 20</td>
</tr>
<tr>
<td>2005</td>
<td>Dec. 31</td>
</tr>
<tr>
<td>2011</td>
<td>April 15</td>
</tr>
<tr>
<td>2012</td>
<td>Feb. 8</td>
</tr>
<tr>
<td>2014</td>
<td>Sept. 21</td>
</tr>
<tr>
<td>2015</td>
<td>Sept. 21</td>
</tr>
<tr>
<td>2016</td>
<td>Feb. 23</td>
</tr>
<tr>
<td></td>
<td>Oct. 21</td>
</tr>
</tbody>
</table>
10 students in the plein air drawing class in the quad
Students who enjoy learning for its own sake thrive at Stanford. We seek students who have selected a rigorous academic program and achieved distinction in a range of areas.

With an approximate 4-to-1 student-to-faculty ratio, Stanford emphasizes close student and faculty interaction. Stanford offers three undergraduate degrees: Bachelor of Arts, Bachelor of Sciences and Bachelor of Arts and Sciences. Each is designed to achieve balance between depth of knowledge acquired through specialization and breadth of knowledge gained through exploration. Three of Stanford’s seven schools award undergraduate degrees: Humanities and Sciences; Earth, Energy & Environmental Sciences; and Engineering.

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

Stanford’s distinctive undergraduate programs include:

**Introductory Seminars:** These small seminar classes for first- and second-year students enroll more than 2000 students annually. Faculty from all seven schools of the University teach over 200 seminars each year.

**Undergraduate Research:** Stanford believes learning is enhanced by participation in research. In 2016–17, about $5.62 million was allocated for grant programs benefiting about 1,049 projects.
Bing Overseas Studies Program: Stanford offers study opportunities in Australia, Berlin, Cape Town, Florence, Istanbul, Kyoto, Madrid, Oxford, Paris, and Santiago. Also offered are Overseas Seminars and faculty-initiated programs in Oaxaca and various locations. In 2016-17, 890 students—51 percent of the average class year—studied abroad with Stanford.

**Top 5 Undergraduate Majors**
- Computer Science
- Engineering
- Human Biology
- Management Science and Engineering
- Mechanical Engineering

**Top 5 Undergraduate Degrees**
- Computer Science
- Human Biology
- Engineering
- Mechanical Engineering
- Science, Technology and Society

2,012 Undergraduate degrees awarded in 2017

**Undergraduate Fields of Study**
Stanford offers more than 65 major fields of undergraduate study, as well as 14 joint bachelor of arts and sciences majors that combine science with humanities subjects. Students may also elect to pursue an individually designed major. For a full range of major fields of study, see majors.stanford.edu

Stanford Taiko members perform at the student activities fair
THE CLASS OF 2021

44,073 applications
2,085 admitted
1,703 matriculated
5% acceptance rate

GENDER BALANCE

51% Women
49% Men

HIGH SCHOOLS

59% Public
29% Private
12% International
<1% Home School

GEOGRAPHIC DIVERSITY

50 States represented
76 Countries represented

ACADEMIC ACHIEVEMENT

94% Top 10 percent of class
99% Top 20 percent of class

ETHNIC DIVERSITY

11% International
<1% Unknown
15% Hispanic or Latino
1% American Indian or Alaska Native
23% Asian
7% Black or African American
<1% Native Hawaiian or Other Pacific Islander
33% White
9% Two or More Races

The class of 2021
44,073 applications
2,085 admitted
1,703 matriculated
5% acceptance rate

Gender balance high schools
49%
men
<1%
hom
home
12%
inter
international
<1%
home
school

Geographic diversity
50 states represented
76 countries represented

Academic achievement
94% top 10 percent of class
99% top 20 percent of class

Ethnic diversity
11% international
<1% unknown
15% hispanic or latino
1% american indian or alaska native
23% asian
7% black or african american
<1% native hawaiian or other pacific islander
33% white
9% two or more races
ALL UNDERGRADUATES, FALL 2017

STANFORD STUDENT AWARDS

- 7,056 matriculated
- 90% 5-year graduation rate
- 121 Rhodes Scholars
- 92 Marshall Award Winners
- 63 Truman Scholars

GENDER BALANCE

- 50% Women
- 50% Men

MAJORS BY SCHOOL

- 28% Humanities & Sciences
- 22% Engineering
- 1% Earth, Energy & Environmental Sciences
- 49% Undeclared

GEOGRAPHIC DIVERSITY

- 12% International
- 35% California
- 53% Other U.S.

CLASS SIZE

- 35% 2–9
- 33% 10–19
- 11% 20–29
- 5% 30–39
- 4% 40–49
- 7% 50–99
- 5% 100+

ETHNIC DIVERSITY

- 9% International
- <1% Unknown
- 15% Hispanic or Latino
- 1% American Indian or Alaska Native
- 22% Asian
- 7% Black or African American
- <1% Native Hawaiian or Other Pacific Islander
- 36% White
- 9% Two or More Races
Stanford’s extensive climbing facilities offer routes for beginners and experience climbers.
UNDERGRADUATE FINANCIAL AID 2016–17

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, more than 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: 5,913

Total students receiving financial aid toward cost of attendance from a variety of internal and external sources: 4,596

Total students enrolled (4 qtrs): 6,901

Percent of students receiving some form of financial assistance: 86%

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

Percent of students receiving need-based scholarship from Stanford: 46%

Percent of students receiving Pell Grants: 16%

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship Aid</td>
<td>$187,086,690</td>
<td>94%</td>
</tr>
<tr>
<td>Long-Term Loans</td>
<td>$6,442,138</td>
<td>3%</td>
</tr>
<tr>
<td>Term-Time Jobs</td>
<td>$5,850,921</td>
<td>3%</td>
</tr>
<tr>
<td>Total</td>
<td>$199,379,749</td>
<td>100%</td>
</tr>
</tbody>
</table>

SOURCES OF SCHOLARSHIP AID 2015–16

- Stanford General Funds: $21,035,242
- Current Gifts-Nonathletic: $21,459,064
- Endowment Income-Nonathletic: $99,952,802
- Trademark Income: $63,000
- Athletic Awards: $23,687,813
- Department Funds: $1,017,992
- Federal Pell Grants: $4,783,298
- Federal Supplemental Grants: $1,144,178
- Other Federal Grants: $1,018,717
- State Grants: $2,502,657
- Other External Awards: $10,421,927
- Total: $187,086,690
UNDERGRADUATE STUDENT BUDGET 2017–18

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$48,987</td>
</tr>
<tr>
<td>Required Fees*</td>
<td>$630</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$15,112</td>
</tr>
<tr>
<td>Books (estimated)</td>
<td>$1,455</td>
</tr>
<tr>
<td>Personal (estimated)</td>
<td>$2,925</td>
</tr>
<tr>
<td>Total</td>
<td>$69,109</td>
</tr>
</tbody>
</table>

Orientation and Document Fee (Frosh/Transfer only) $775
Cardinal Care Health Insurance (12 month coverage) $4,968

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

The median per student cumulative undergraduate indebtedness for students earning undergraduate degrees between July 1, 2016, and June 30, 2017, and receiving financial aid $13,000

Percent of graduates with debt 18%
students at the Stanford Graduate summer institute
In Stanford’s first year, 1891, 39 men and 12 women from 19 states enrolled as graduate students, representing one of the first opportunities for graduate study on the West Coast.

Today, 9,368 students are pursuing 15 distinct post-baccalaureate degrees in nearly 200 graduate programs in all seven of Stanford’s schools: Business; Earth, Energy & Environmental Sciences; Education; Engineering; Humanities and Sciences; Law; and Medicine. Stanford offers the JD, MBA, MD, and a variety of Masters degrees. About half of Stanford’s graduate students are pursuing a doctoral degree; Stanford is consistently among the leading private universities awarding the highest number of PhDs annually.

ACADEMIC LIFE
Stanford’s collaborative intellectual community provides an unparalleled environment for graduate study and research. Stanford’s graduate students engage in learning, teaching, and research that cross department and disciplinary boundaries and may study in interdisciplinary or joint degree programs that span School boundaries. Enrollment exchange programs with the University of California, Berkeley, the University of California, San Francisco, and other select universities around the country enable graduate students to take courses not offered at Stanford.

Graduate students are encouraged to engage in a variety of professional and career development opportunities at Stanford as they develop their skills to embark on the many careers paths available to them. Many graduate students serve as research or teaching assistants, making significant contributions to the university’s mission of education and research.

FELLOWSHIPS AND AWARDS
In 2016/17, Stanford provided $420M for graduate student support, a 7% increase from the previous year. The Office of the Vice Provost for Graduate Education administers seven university-wide graduate fellowship programs. Having gained great visibility over the past two decades, the Stanford
Graduate Fellowships in Science and Engineering annually awards three-year fellowships to over 100 exemplary incoming doctoral students in over 40 departments and interdisciplinary programs, granting Fellows autonomy to pursue research interests in specialized fields. Over the past decade, the Stanford Interdisciplinary Graduate Fellowship Program has awarded 200 fellowships to doctoral students whose innovative research crosses traditional disciplinary boundaries. The EDGE (Enhancing Diversity in Graduate Education) Doctoral Fellowship and the DARE (Diversifying Academia, Recruiting Excellence) Doctoral Fellowship Programs provide funding and professional development resources to exemplary doctoral students who will enhance the diversity within their academic fields.

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

The **Knight-Hennessy Scholars** program is a new graduate-level scholarship aimed at preparing the next generation of leaders to address increasingly complex global challenges. The Knight-Hennessy Scholars program will annually select up to 100 outstanding graduate students with demonstrated leadership and civic commitment, who will receive up to three years of funding to pursue graduate education at Stanford, beginning in Autumn 2018.

**STUDENT LIFE**

Approximately, 33% of the 2017–18 graduate student population, over 3,000 students, are international students from over 100 countries. The top five countries other than the US that Stanford graduate students call home are: China, India, South Korea, Canada, and France.

About 55 percent of graduate students live on campus. This number will rise to 75% when housing under construction is complete, which is anticipated to be in 2020. Stanford is making a major investment in graduate housing to provide approximately 2,000 new beds for graduate students to live on campus.
GRADUATE STUDENTS, FALL 2017

DEGREES AWARDED, 2016–17

9,368 matriculated
2,406 Master’s
271 Professional (JD, MD)
752 Doctoral (PhD, DMA, JSD)

GENDER BALANCE

40% Women
60% Men

MAJORS BY SCHOOL

37% Engineering
24% Humanities & Sciences
13% Medicine
11% Business
7% Law
4% Earth, Energy & Environmental Sciences
3% Education
<1% Continuing Studies

GEOGRAPHIC DIVERSITY

34% International
36% California
30% Other U.S.

ETHNIC DIVERSITY

33% International
1% Unknown
7% Hispanic or Latino
<1% American Indian or Alaska Native
15% Asian
3% Black or African American
<1% Native Hawaiian or Other Pacific Islander
36% White
4% Two or More Races
DEGREES

GRADUATE SCHOOL OF BUSINESS
Dean: Jonathan Levin
Stanford Graduate School of Business (GSB) is dedicated to empowering principled leaders to change lives, change organizations, and change the world. Distinguished faculty, including three Nobel Laureates, engages with students in three degree programs: the two-year full-time MBA, one-year full-time master of science for experienced leaders (MSx), and PhD. In addition a vibrant portfolio of more than seventy certificate and short courses, both on campus and around the world, provide frameworks for executives and leaders to apply innovative solutions within their organizations as well as to the world's most challenging issues. Alumni join a powerful and close-knit network of trailblazers around the world.

SCHOOL OF EARTH, ENERGY & ENVIRONMENTAL SCIENCES
(STANFORD EARTH)
Dean: Stephan Graham
Understanding how the planet works and helping solve the resource and environmental challenges facing humanity are the focus of research and teaching in the School of Earth, Energy &
Environmental Sciences. The school’s strengths include subsurface processes and their relationship to energy and water resources, natural hazards and the evolution of Earth, as well as outer envelope processes—the “life support system” of oceans, land, atmosphere and climate. The school has 65 faculty, 125 undergraduate and 423 graduate students. It awards BS, MS, Engineer and PhD degrees. Visit earth.stanford.edu.

**GRADUATE SCHOOL OF EDUCATION**
Dean: Daniel Schwartz
The Graduate School of Education enrolls about 400 graduate students and is preparing the next generation of education scholars, policymakers, entrepreneurs, executives and school leaders. The GSE’s faculty draw from a variety of disciplines to produce scholarship that shapes teaching and learning worldwide; they 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. The GSE celebrated 100 years of teaching and learning in 2017. Visit ed.stanford.edu.

**SCHOOL OF ENGINEERING**
Dean: Jennifer Widom
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 280 faculty members and more than 85 laboratories, centers, institutes and programs. The school’s hub is the Jen-Hsun Huang Engineering Center. Visit engineering.stanford.edu.

**SCHOOL OF HUMANITIES AND SCIENCES**
Dean: Richard Saller through September 1, 2018
The School of Humanities and Sciences is Stanford’s largest school. As the home of Stanford’s world-class liberal arts education, the school encompasses more than 45 departments and interdisciplinary degree programs that span the humanities, arts, languages and literatures, social sciences, mathematics, and the physical and life sciences. H&S enrolls more than 2,300 graduate students and 2,900 undergraduate students and has more than 570 faculty members. H&S serves as the foundation of a Stanford undergraduate education no matter which discipline students
pursue as a major. The school’s graduate programs lead to Doctor of Philosophy, Doctor of Musical Arts, Master of Arts, Master of Science, Master of Public Policy or Master of Fine Arts degrees. Visit humsci.stanford.edu.

**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 25 academic programs and centers and about 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 1,058 full-time faculty, including seven Nobel laureates; 1,216 postdoctoral scholars; 497 MD students; 1,049 PhD and MS candidates; and 1,257 residents and clinical fellows. Faculty deliver care at Stanford Health Care and Lucile Packard Children’s Hospital Stanford, where medical students also gain experience. In 2017, faculty received over $648 million for sponsored research. Visit med.stanford.edu.

**OTHER ACADEMIC PROGRAMS**
**STANFORD CONTINUING STUDIES**
Dean: Charles Junkerman
Continuing Studies offers approximately 600 courses per year, attracting more than 17,000 students. Courses range from liberal arts and sciences to creative writing to professional and personal development, offered both on-campus and online. All Continuing Studies courses are open to adult students everywhere. Also offered is the Master of Liberal Arts Program for adults. The MLA program, taught by Stanford faculty, takes four to five years to complete. Call 650-725-2650.
PRE-COLLEGIATE STUDIES
Executive Director: Rick Sommer
Pre-Collegiate Studies offers innovative educational opportunities, both online and on campus, that serve over 3,000 academically talented and intellectually curious pre-college students from around the world. Online offerings include the Stanford Online High School, a highly selective independent school with real-time seminar-style classes for students in grades 7-12. Residential summer offerings include Pre-Collegiate Summer Institutes, Stanford University Mathematics Camp, Summer Humanities Institute, Stanford Medical Youth Science Program, Stanford AI4ALL, Summer Arts Institute and Stanford Sports Business Academy. Year-around on-campus programs include the Math, Science and Humanities Circles. Call 650-721-9325.

EXECUTIVE EDUCATION
Stanford Graduate School of Business Executive Education offers individuals and companies in-person and online programs to enhance leadership skills, build foundations in general management, and build connections to a global network of peers. Gsb.stanford.edu/exec-ed

ONLINE EDUCATION
Stanford has been a leader in computer use, instruction, and research, as well as pedagogical innovation and learning research — all of which combined have led to the evolution of MOOCs, or “massive open online courses,” flipped and blended classes, technology-rich learning spaces, and ultimately the synthesis of residential, remote and hybrid learning. Nearly 10 million people have enrolled in Stanford Online’s free courses since they were first offered in 2011. For a full list of online offerings: online.stanford.edu

DISTINGUISHED CAREERS INSTITUTE:
The Stanford Distinguished Careers Institute offers people in midlife with major career accomplishments the opportunity to renew their purpose, develop new communities and recalibrate wellness, and to transform themselves for new roles with social impact. In partnership with the Stanford Center on Longevity and Stanford Continuing Studies, this year-long program brings 25 Fellows to campus each year. dci.stanford.edu
Professor Emeritus David Kennedy examines maps of the American West with a student.
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.”

In Fall 2017, Stanford has 2,219 members of the professoriate faculty. There are 611 faculty members appointed to endowed chairs.

**THE STANFORD FACULTY**

In Fall 2017, Stanford has 2,219 members of the professoriate faculty. There are 611 faculty members appointed to endowed chairs.

**STANFORD’S FALL 2017 COMMUNITY OF SCHOLARS INCLUDES:**

- 19 Nobel laureates are currently members of the Stanford community
- 31 Stanford faculty have won the Nobel Prize since the university’s founding
- 31 MacArthur Fellows
- 4 Pulitzer Prize winners
- 4 National Humanities Medal recipients
- 16 National Medal of Science recipients
- 1 National Medal of Technology recipient
- 284 American Academy of Arts and Sciences members
- 169 National Academy of Sciences members
- 108 National Academy of Engineering members
- 77 National Academy of Medicine members
- 26 National Academy of Education members
- 47 American Philosophical Society members
- 5 Wolf Foundation Prize winners
- 2 Presidential Medal of Freedom winners
- 1 National Medal of Arts Winner
FACULTY PROFILE, FALL 2017

2,219 Faculty*

1,667 Members of Academic Council

611 Faculty appointed to endowed professorships

99% Of faculty hold highest degree in their field

GENDER BALANCE

29% Women

71% Men

SCHOOLS

46% Medicine

26% Humanities & Sciences

12% Engineering

6% Business

3% Earth, Energy and Environmental Sciences

3% Education

3% Law

<2% SLAC, FSI, Other

TENURE/APPOINTMENT

53% Tenure Line, Tenured

15% Tenure Line, Non-Tenured

25% Medical Center-Line

7% Other

TENURE-LINE FACULTY

63% Professors

17% Associate Professors

20% Assistant Professors

ETHNIC DIVERSITY

5% Unknown

5% Hispanic or Latino

<1% American Indian or Alaska Native

17% Asian

2% Black or African American

70% White

1% Two or More Races

*Includes tenure-line and non-tenure-line faculty, senior fellows and center fellows at specified policy centers and institutes, and Medical Center-line faculty.
Stanford research is remarkable in both its breadth and depth, with research programs that reflect the expertise, creativity and initiative of the faculty who set the research agenda. Faculty have a long tradition of engaging with their colleagues and students within Stanford’s seven schools and working across disciplines.

**SPONSORED RESEARCH**
There are more than 6,200 externally sponsored projects throughout the university, with the total budget for sponsored projects at $1.64 billion for 2017-18, including the SLAC National Accelerator Laboratory (SLAC). Of these projects, the federal government sponsors approximately 81 percent, including SLAC. Also, nearly $300 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 that provide a physical and intellectual intersection between schools and disciplines. These institutes are in line with
Stanford’s longstanding tradition of crossing boundaries to tackle large problems, engaging faculty and their students in collaborations that range from international and economic studies to studies on the environment, energy and health. interdisciplin ary.stanford.edu

Center for Advanced Study in the Behavioral Sciences (CASBS)
Center for the Study of Language and Information (CSLI)
Stanford Chemistry, Engineering and Medicine for Human Health (ChEM-H)
E. L. Ginzton Laboratory
Freeman Spogli Institute for International Studies at Stanford (FSI)
Geballe Laboratory for Advanced Materials (GLAM)
Kavli Institute for Particle Astrophysics and Cosmology (KIPAC)
Precourt Institute for Energy
PULSE Institute for Ultrafast Energy Science
Stanford Bio-X
Stanford Center on Longevity (SCL)
Stanford Humanities Center (SHC)
Stanford Institute for Economic Policy Research (SIEPR)
Stanford Institute for Materials and Energy Sciences (SIMES)
Stanford Neurosciences Institute (SNI)
Stanford Woods Institute for the Environment
The Stanford Center for Clinical and Translational Research and Education (Spectrum)
W. W. Hansen Experimental Physics Laboratory (HEPL)
OTHER SPECIAL RESEARCH CENTERS

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

HOOVER INSTITUTION ON WAR, REVOLUTION AND PEACE
The Hoover Institution seeks to improve the human condition by advancing ideas that promote economic opportunity and prosperity, while securing and safeguarding peace for America and all mankind. It 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 and an extensive library and archives.

JASPER RIDGE
Jasper Ridge Biological Preserve, located in the Santa Cruz foothills about 15 minutes from the main Stanford Campus, encompasses 1,200 acres and provides a natural laboratory for ecosystem research and teaching. Docent-led tours are offered to groups aligned with the preserve’s mission “to contribute to the understanding of the Earth’s natural systems through research, education, and protection of the preserve’s resources.” Call 650-851-6813.

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

POST-DOCTORAL SCHOLARS
Stanford’s thriving academic community includes more than 2,300 postdoctoral scholars across five schools. Postdocs contribute to the university’s research, education and clinical missions through creative and innovative research, mentoring, teaching, filing patents, creating software, and a multitude of other activities. 60% of postdocs are international, bringing perspectives
from varied cultures and backgrounds to Stanford. In the last year, 20% of the 800+ postdocs who left Stanford went directly to academic careers and 18% went to industry. A substantial number of the others will likely move to academia in the future. The University provides professional development programs through the Office for Postdoctoral Affairs, Biosci Careers, BEAM, and VPGE, which are geared to support growing independence and career transition.

**TECHNOLOGY LICENSING**

Stanford’s Office of Technology Licensing (OTL) brings technology created at Stanford to market. In 2016–17 Stanford received $45.39 million in gross royalty revenue from 808 technologies. Fifty-six of the inventions generated $100,000 or more in royalties. Five inventions generated $1 million or more. In 2016–17, OTL concluded 157 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.
Graduate students participate in the interactive workshop, teaching diverse learners.

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.
Notable dates in computing:

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 residential 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 is the first university to launch a public site on iTunes U
2013  Stanford engineers build computer using carbon nanotubes

Among the companies Stanford faculty and alumni have helped create:

Atheros Communications  Netflix
Charles Schwab & Company  Nike
Cisco Systems  NVIDIA
Cypress Semiconductor  Odwalla
Dolby Laboratories  One Kings Lane
eBay  Orbitz
E*Trade  Rambus
Electronic Arts  Silicon Graphics
Gap  StubHub
Goodreads  Sun Microsystems
Google  SunPower Corp.
Hewlett-Packard Company  Taiwan Semiconductor
IDEO  Tesla Motors
Instagram  Trader Joe’s
Intuit  Varian
Intuitive Surgical  VMware
Kiva  Whole Earth Catalog
LinkedIn  Yahoo!
Logitech  Zillow
MIPS Technologies
Stanford places art and creativity at the heart of a 21st-century education. The campus is home to two art museums and several smaller galleries, multiple performance venues including Bing Concert Hall, Memorial Auditorium and Roble Gym, as well as departmental programs in art and art history, creative writing, dance, film and media studies, music, and theater and performance. An array of student performance groups and outdoor art make the campus a rich environment for art, artists and audiences.

**THE ANDERSON COLLECTION**
CANTOR ARTS CENTER
The Cantor Arts Center was founded in 1891 and is home to a collection of more than 45,000 works of art. Its 24 galleries and 20 special exhibitions each year span the globe from Europe to Africa to the Americas to Asia, and the history of art from classical to contemporary. See page 3 for visiting information. Museum.stanford.edu

BING CONCERT HALL, ROBLE GYM, MEMORIAL AND DINKELSPIEL AUDITORIUMS
Bing Concert Hall hosts music, dance and theater year-round, anchored by professional performances presented by Stanford Live. Stanford’s largest indoor performance space is Memorial Auditorium, which presents the university’s largest musicals, dance performances and notable speakers. Roble Gym is home to the Department of Theater and Performance Studies and includes a dance studio and black box theater. Dinkelspiel Auditorium serves the Department of Music and the rest of the university for large performances, lectures, symposia, and rehearsals. live.stanford.edu and taps.stanford.edu

MCMURTRY BUILDING FOR THE DEPARTMENT OF ART AND ART HISTORY
The McMurtry Building for art and art history opened in 2015 as an interdisciplinary hub to foster interaction and collaboration among students and faculty, and support the integration of the arts into university life. It brings together programs in art history, art practice, design, documentary film and video, and film and media studies. It also houses the Bowes Art and Architecture Library and the Coulter Art Gallery. art.stanford.edu.
HANNA HOUSE
Frank Lloyd Wright’s Hanna House was built in 1937. Its unique design is based on hexagonal geometry, with no right angles in the floor plan. Hanna House is open for tours on a limited basis via advance booking. hannahousetours.stanford.edu

CAMPUS ARCHITECTURE
Located just beyond stately Palm Drive and the Oval, Stanford’s 17-acre Quad is the oldest part of campus and the heart of the university. Its arches and walkways inspired the modern design of the nearby Science and Engineering Quad. Other notable campus buildings include the James H. Clark Center for interdisciplinary research, Stanford Law School’s Neukom Building, Hoover Tower, and the recently renovated Sapp Center for Science Teaching and Learning, originally the chemistry building dating to 1902. Stanford’s Central Energy Facility has won numerous design and environmental awards since its completion in 2015.

OUTDOOR ART AND THE ARBORETUM
From Papua New Guinea sculptures and Alexander Calder’s The Falcon on the south side of campus to Peter Wegner’s site-specific works at the Graduate School of Business to the carved marble Angel of Grief in the arboretum, there are more than 85 works of outdoor art on Stanford campus. In the arboretum is Andy Goldsworthy’s Stone River (2001), the Stanford family mausoleum and the Arizona Garden. River Stone is a 320-foot sculpture constructed of sandstone from university buildings destroyed in the 1906 and 1989 earthquakes. The mausoleum holds the remains of Leland and Jane Stanford and their son, Leland Junior, and the adjacent Arizona Garden features cacti and succulents that were planted in the 1880s. arts.stanford.edu/map.
Exploration, investigation, and knowledge creation occurs across 20 campus libraries. Stanford Libraries has more than 9.5 million physical volumes in its collection, and more than one million scholarly items available via the Stanford Digital Repository that are produced by Stanford scholars or collected by librarians.

A treasure trove of material relating to the history of science and technology, including the Apple Computer archive, the Hewlett-Packard papers, and collections spanning the 21st-century gaming industry, are housed in the Department of Special Collections alongside the archives of famous literary figures like John Steinbeck and Allen Ginsberg.

The David Rumsey Map Center is located on the 4th floor of Green Library. The first-of-its-kind map center is fully integrated with technology and Geographical Information Services software, offering state-of-the-art research facilities and methods.

library.stanford.edu or searchworks.stanford.edu @StanfordLibs

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

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

The Stanford Mobile app, available for both iOS and Android, provides access to our campus map, event calendar, campus directory, dining locations, shuttle bus schedules and much more. Visit ucomm.stanford.edu/mobileapp for more info.

Stay connected to @Stanford on Facebook, Twitter, Instagram, Snapchat and YouTube.
40 students from the Graduate School of Business at Stanford’s 126th Commencement in 2017.
stanford is a thriving residential campus and community of creative and accomplished people from around the world.

**HOUSING**

As of Autumn Quarter 2017, 6,569 undergraduate and 5,993 graduate students live in university-provided housing. Housing is guaranteed for four years for entering freshmen. About 97 percent of all eligible undergraduates live in campus housing.

The undergraduate housing system includes 80 diverse facilities. About 25 percent of undergraduate students join one of the 15 fraternities or 14 sororities recognized on campus. Seven fraternities and five sororities live in university-owned housing.

About 65 percent of graduate students eligible for housing live in university-provided housing designed for single students, couples and families with children. New graduate students are guaranteed housing their first year at Stanford when they apply by the spring deadline.

**DINING**

Stanford campus offers more than 30 dining options from cafés to dining halls to fast casual eateries. Residential & Dining Enterprises serves more than six million meals a year in dining halls (serving students, faculty, staff, conference guests and visitors) and a variety of campus retail cafes, athletic concessions and vending. Stanford Dining offers many programs to engage the Stanford community in sustainability, wellness and opportunities including the Stanford Flavor Lab and cooking classes in the Teaching Kitchen @ Stanford.

**STUDENT ORGANIZATIONS**

There are about 600 official student organizations at Stanford. The student newspaper is the Stanford Daily. The Associated Students of Stanford University (ASSU) is the representative government for both the Stanford undergraduate and graduate students. There are about 30 recognized religious organizations.
and more than 100 committed to the arts. Stanford offers seven community centers which include several affiliated student organizations: Asian American Activities Center, Black Community Services Center, El Centro Chicano y Latino, LGBT Community Resources Center, Native American Cultural Center, Women’s Community Center and The Markaz: Resource Center.

**TRADITIONS**

**Big Game** is the annual football game against the University of California-Berkeley Golden Bears, sometimes referred to as the Battle of the Bay. It is preceded by Gaieties, a student-produced musical follies.

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

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

**Cardinal Nights** are popular evenings of student activities that challenge the normative believe that alcohol is needed to have fun on a college campus by providing premium, equally attractive, social programming.
Students relax between classes.
Stanford has won the Directors’ Cup, awarded annually to the most successful overall intercollegiate athletic department in the nation, for 23 consecutive years. For 42 years in a row, Stanford has won at least one NCAA championship — the longest streak in the nation.

The 2016-17 campaign was especially memorable, with Stanford claiming four NCAA titles for the first time since 2001-02 and five national championships overall: men’s soccer, women’s volleyball, women’s swimming and diving, women’s water polo and women’s lightweight rowing.

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

**WOMEN’S VARSITY SPORTS**
- Basketball
- Beach Volleyball
- Cross Country
- Fencing
- Field Hockey
- Golf
- Gymnastics
- Lacrosse
- Lightweight Rowing
- Rowing
- Sailing
- Soccer
- Softball
- Squash
- Swimming and Diving
- Synchronized Swimming
- Tennis
- Track and Field
- Volleyball
- Water Polo

**MEN’S VARSITY SPORTS**
- Baseball
- Basketball
- Cross Country
- Fencing
- Football
- Golf
- Gymnastics
- Rowing
- Sailing
- Soccer
- Swimming and Diving
- Tennis
- Track and Field
- Volleyball
- Water Polo
- Wrestling
HOME OF CHAMPIONS

139
Total National Championships

115
Total NCAA Championships

42
Consecutive years with at least one national team championship

51
National Team Championships since 2000

558
Individual national champions

270
Olympic medals won by 165 Stanford-affiliated athletes

161
NCAA Postgraduate Scholars

12
Stanford scholar-athletes who have been Rhodes Scholars

AS OF DECEMBER 31, 2017

THE CARDINAL
Cardinal has been the color of Stanford athletic teams since 1891. 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, two separate water systems, three dams, three open water reservoirs, 88 miles of water mains and a post office. Stanford’s Central Energy Facility utilizes heat recovery and thermal storage to maximize efficiency in the university’s heating and cooling systems. Stanford provides or contracts for its own fire, police and other services. Stanford owns 35 acres in Redwood City that will open as a campus of the university in 2019.

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

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

**8,180 total acres**
The inner campus includes about 1.1M square feet of shrubs, 143,000 linear feet of groundcovers, 43,000 trees, 25 fountains, and more than 800 different species of plants.

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

There are about 700 buildings at Stanford that incorporate about 15.4 million square feet.

There are about 900 owner-occupied housing units for faculty on campus, as well as about 950 rental units for faculty and staff.

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

93% of undergraduates are housed on campus. 64 percent of graduate students and 35 percent of faculty members are housed on or near campus.

THE STANFORD CAMPUS AT A GLANCE

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

Stanford reduces greenhouse gas emissions by 68% and decreases potable water use by 18 percent, exceeding all greenhouse gas reduction targets.

Stanford has reduced campus energy use per square foot by 25% since 2000.

More than 60 local farms supply organic, humanely-raised, fairly-traded food from family-owned farms and sustainable fisheries.

Stanford has reduced domestic water use by 49% since 2001.

The recycling program diverts 64% of waste from landfills.

There are 78 electric vehicle-charging stations on campus.

Employee drive-alone rate has been reduced from 67 percent in 2003 to 43% in 2017. Transit ridership is up from 9 to 22 percent.

Ridership on the free Marguerite bus system increased to 3.26M in 2016, up 25 percent from 2015.

In 2017, 57% of employees commuted via alternative transportation.

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 71 buses in a 22-route system, and freshmen can access car sharing and rental cars on campus.
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 in precision health, the goal of which is to anticipate and prevent disease in the healthy and precisely diagnose and treat disease in the ill. 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, delivering clinical innovation across its inpatient services, specialty health centers, physician offices, virtual care offerings, and health plan programs. As the only Level I trauma center between San Francisco and San Jose, Stanford Health Care provides compassionate, coordinated care, personalized for the unique needs of every patient. With 613 licensed beds, 49 operating rooms, nearly 2,000 faculty physicians and more than 1,200 residents and fel-
lows, Stanford Health Care is committed to providing the high-
est quality care to patients and their families. Stanford Health Care is building a new 824,000-square-foot hospital facility that will transform the way that patient care is delivered. The new Stanford Hospital will open in 2019.

LUCILE PACKARD CHILDREN’S HOSPITAL STANFORD AND STANFORD CHILDREN’S HEALTH
Lucile Packard Children’s Hospital Stanford is at the center of Stanford Children’s Health, the Bay Area’s largest health care system exclusively dedicated to children and expectant mothers. As a top-ranked children’s hospital by U.S. News & World Report, Packard Children’s is a leader in providing world-class, nurturing care and achieving extraordinary outcomes in every pediatric and obstetric specialty. The newly expanded hospital opened in December 2017, adding 149 patient beds and more than doubled the size of the original hospital. Established in 1991, Packard Children’s in collaboration with a network of over 100 Stanford Children’s Health locations throughout the U.S. western region, provides care for over 500,000 patient visits a year. Packard Children’s has 1,058 medical staff, 4,351 employees and 614 volunteers.
In 2017–18, Stanford is a $6.3 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 $1 billion capital budget and excludes the budget for Stanford Health Care and Lucile Packard Children’s Hospital.

ENDOWMENT

Stanford’s $24.8 billion endowment (as of Aug. 31, 2017) provides an enduring source of financial support for fulfillment of the university’s mission of teaching, learning and research. Almost 75 percent of the endowment is designated by donors for a specific purpose. There are more than 8,000 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 purchasing power over time. The Stanford Management Company (SMC) was established in 1991 to manage Stanford’s financial and real estate assets. SMC is a division of the university with oversight by a board of directors appointed by the university board of trustees.
Stanford University reported $1.13 billion in philanthropic gifts during the fiscal year that ended August 31, 2017, reflecting the financial support of more than 76,000 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 2017)

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Ruth M. Porat, Chief Financial Officer, Alphabet Inc. and Google Inc., Mountain View, CA
Laurene Powell Jobs, Founder/Chair, Emerson Collective, Palo Alto, CA
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Mindie B. Rogers, Atherton, CA
Victoria B. Rogers, President, Rose Hills Foundation, Pasadena, CA
Kavitark Ram Shriram, Founder, Sherpalo Ventures, Menlo Park, CA
Ronald P. Spogli, Founding Partner, Freeman Spogli & Co., Los Angeles, CA
Srinija Srinivasan, Palo Alto, CA
Gene T. Sykes, Global Co-Head of M&A & Chairman, Goldman Sachs Group, Inc., Los Angeles, CA
Marc Tessier-Lavigne, President, Stanford University, Stanford, CA
Vaughn C. Williams, Retired Partner, Skadden Arps Slate Meagher & Flom, New York, NY
Jerry Yang, AME Cloud Ventures, Palo Alto, CA

STANFORD ADMINISTRATION

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Persis Drell, Provost
David Demarest, Vice President for Public Affairs
Harry Elam, Vice President for the Arts
Lisa Lapin, Vice President for University Communications
Randall S. Livingston, Vice President for Business Affairs and Chief Financial Officer

William J. Madia, 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

Elizabeth Zacharias, Vice President for Human Resources
Debra Zumwalt, Vice President and General Counsel
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Ann Arvin, Vice Provost and Dean of Research until Fall 2018
Jennifer Widom, Dean, School of Engineering
Harry Elam, Senior Vice Provost for Education and Vice Provost for Undergraduate Education
Thomas Gilligan, Director, Hoover Institution on War, Revolution and Peace
Stephan Graham, Dean, School of Earth, Energy & Environmental Sciences
Patricia Gumport, Vice Provost for Graduate Education
Chi-Chang Kao, Director, SLAC National Accelerator Laboratory
Jon Levin, Dean, Graduate School of Business
M. Elizabeth Magill, Dean, School of Law
Lloyd Minor, Dean, School of Medicine
Richard Saller, Dean, School of Humanities & Sciences through Sept. 1, 2018
Dan Schwartz, Dean, Graduate School of Education

STAFF

In 2017

12,508

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

8,275 managerial and professional staff
1,795 clerical and technical staff
972 service and maintenance staff
1,466 employees at the SLAC National Accelerator Laboratory

For more information about working at Stanford, visit jobs.stanford.edu.
The Stanford Alumni Association was established in 1892 by the university’s first graduating class. There are 220,000 Stanford alumni living in all 50 states, plus the District of Columbia. There are alumni in 158 countries and territories worldwide.

**ACADEMIC LEADERS**
- John Bravman, Bucknell University president
- Nancy Cantor, Rutgers-Newark chancellor
- Brian W. Casey, Colgate University president
- Sean M. Decatur, Kenyon College president
- Michael Drake, The Ohio State University president
- Pamela Eibeck, University of the Pacific president
- Vartan Gregorian, Carnegie Corporation president
- Fr. William Leahy, Boston College president
- Vincent E. Price, Duke president
- L. Rafael Reif, MIT president
- Peter Salovey, Yale president

**ARTS AND ENTERTAINMENT**
- Andre Braugher, actor
- Sterling K. Brown, actor
- Jennifer Connelly, actress
- Issa Rae, actress
- Sigourney Weaver, actress
- Richard Diebenkorn*, artist
- Robert Motherwell*, artist
- Gretchen Carlson, broadcaster
- Dave Fleming, broadcaster
- Rodney Gilmore, broadcaster
- Ted Koppel, broadcaster
- Rachel Maddow, broadcaster
- Jessica Mendoza, broadcaster
- David Lang, composer
- David Chase, director
- Alexander Payne, director
- Jay Roach, director
- Fred Savage, actor/director
- Jon Nakamatsu, pianist
- David Brown*, producer
- Gale Anne Hurd, producer
- Edward Pressman, producer
- Richard Zanuck*, producer

**ATHLETICS**
- **BASEBALL**
  - Jack McDowell
  - Mike Mussina
- **FOOTBALL**
  - John Elway
  - Toby Gerhart
  - Andrew Luck
  - John Lynch
  - Jim Plunkett
  - Richard Sherman
- **BASKETBALL**
  - Brook Lopez
  - Robin Lopez
  - Chiney Ogwumike
  - Nneka Ogwumike
- **GOLF**
  - Tom Watson
  - Michelle Wie
  - Tiger Woods
- **OLYMPIANS**
  - Jennifer Azzi
  - Janet Evans
  - Julie Foudy

**BUSINESS**
- Eric Baker and Jeff Fluhr, StubHub
- Steve Ballmer, Los Angeles Clippers
- Mary Barra, General Motors
- Andy Bechtolsheim, Sun Microsystems
- Jeffrey Bewkes, Time Warner
- Sergey Brin, Google
- David Filo, Yahoo
- Doris Fisher, Gap
- Reed Hastings, Netflix
- William Hewlett, Hewlett-Packard
- Konstantin Guericke, LinkedIn
- Reid Hoffman, LinkedIn
- Vinod Khosla, Sun Microsystems
- Phil Knight, Nike

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*DECEASED*
Mike Krieger, Instagram
Scott McNealy, Sun Microsystems
David Packard,* Hewlett-Packard
Larry Page, Google
Azim Premji, Wipro
Charles R. Schwab, Charles Schwab Corp.
Debbie Sterling, GoldieBlox
Kevin Systrom, Instagram
Peter Thiel, PayPal
Jerry Yang, Yahoo

CREATIVE WRITING
NOVELISTS
Michael Cunningham
Jeffrey Eugenides
Allegro Goodman
Yaa Gyasi
Alice Hoffman
Ken Kesey*
Nicole Krauss
N. Scott Momaday
Vikram Seth
John Steinbeck*
Scott Turow
Tobias Wolff

PLAYWRIGHTS
David Henry Hwang
Mark Medoff

POETS LAUREATE
Robert Hass
Robert Pinsky

GOVERNMENT
Herbert Hoover,* U.S. president

SUPREME COURT JUSTICES
Stephen Breyer
Anthony Kennedy
Sandra Day O’Connor
William Rehnquist*

U.S. SENATORS
Cory Booker
Dianne Feinstein
Jeff Merkley
Ron Wyden

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

SCIENCE AND ENGINEERING
France Anne-Dominic Córdova, National Science Foundation Director

INVENTORS
Vinton Cerf, Internet protocol
Ray Dolby,* noise-reduction system
Ted Hoff, microprocessor
Brad Parkinson, GPS
Sally Ride,* first U.S. woman in space

AND MORE
Stewart Brand, Internet pioneer
Paul Draper, vintner
Jeff Raikes, The Raikes 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.