

### Our University

Innovation is central to who we are and what we do at the University of California, San Diego. Here, students learn that knowledge isn't just acquired in the classroom—life is their laboratory. UC San Diego is an academic powerhouse and economic engine, recognized as one of the top 10 public universities by *U.S. News & World Report* and ranked number one in the nation for public service by the *Washington Monthly*. Our location is unparalleled, our impact unmistakable. UC San Diego shapes minds, changes lives, launches industries and builds the future ... one student, one discovery and one achievement at a time.

### Points of Distinction

- Scripps Institution of Oceanography climate scientist Charles David Keeling was the **first to confirm the buildup of carbon dioxide in the atmosphere**. His precise measurements, which he began calculating in 1958, produced a data set now known widely as the “Keeling Curve,” a benchmark of global warming studies.
- The Jacobs School of Engineering is **home to the world's first full-scale outdoor shake table**, designed to create realistic simulations of the most devastating earthquakes on record to advance seismic safety.
- UC San Diego is unique among other UC campuses—our university offers undergraduates the “small college” concept patterned after those at Cambridge and Oxford. Each of the **six undergraduate colleges** has its own residence halls, student services, traditions and even graduation ceremonies. While the undergraduates remain part of one university, they also develop a sense of identity within the smaller family of their chosen college.
- In 1986 UC San Diego established the **first Cognitive Science Department in the world**, which has become one of the leading centers of this field.
- The San Diego Supercomputer Center at UC San Diego is home to **Gordon, one of the fastest supercomputers in the world**, with 4 petabytes of disk storage, 64 terabytes of random access memory and 300 terabytes of flash memory. Gordon has the ability to tackle the most vexing data-intensive challenges, from mapping genomes to creating ultra-detailed simulations of earth quakes.
- Geisel Library at UC San Diego is the **chief repository for the work of Theodor Geisel (Dr. Seuss)**, holding more than 8,000 original drawings, sketches, books and other memorabilia valued at \$2.3 million.
- **San Diego's first biotechnology company, Hybritech**, was started in 1979 by a UC San Diego professor. Since then, UC San Diego faculty, staff and alumni have spun off more than 150 local companies, including more than one-third of the region's biotechnology companies.
- The **first direct evidence of how a cancer gene works** was achieved by UC San Diego biomedical researchers, including Russell Doolittle, who discovered the first cancer gene.
- UC San Diego was **one of the first universities in the nation and the first UC campus to found a privately-funded commercialization center**—the von Liebig Center for Entrepreneurism and Technology Advancement.
- **Sustainability is part of UC San Diego's institutional DNA**. More than 30 campus structures are equipped with solar panels and over a dozen buildings are LEED certified; wireless sensors are situated across campus to determine the best time to gain and expend energy; and more than half of the campus community utilizes alternative transportation.
- **An outstanding faculty is the hallmark of a great institution**. Our students learn directly from leading scholars, including 16 Nobel laureates who have taught at UC San Diego in the past five decades. Additionally, Professor Emeritus Yuan-Cheng Fung and current Professors Shu Chien and Terrence Sejnowski are members of all three of the prestigious National Academies—National Academy of Sciences, National Academy of Engineering and Institute of Medicine. Our university has been shaped and led by leading innovators such as former faculty member Irwin Jacobs, co-founder of Qualcomm Inc. and National Medal of Technology and Innovation recipient, as well as passionate educators including former University of California President and UC San Diego Chancellor Richard Atkinson, a member of the National Academy of Sciences, Institute of Medicine and National Academy of Education.

### By the Numbers

|                      |                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>29,052</b>        | Total campus enrollment (as of Fall 2012)                                                                                                 |
| <b>67,392</b>        | Freshman applicants for 2013                                                                                                              |
| <b>4.11</b>          | Admitted freshman average high school GPA                                                                                                 |
| <b>\$3.4 billion</b> | FY2012 revenues; 29 percent of this total is revenue from contracts and grants, most of which is from the federal government for research |

|                    |                                                                                                                                                                                                                                                                                                                       |
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| <b>6.6%</b>        | Total revenue from the State of California; yet a small investment in UC San Diego results in significant impact to the region's economy, workforce and businesses                                                                                                                                                    |
| <b>66%</b>         | Percentage of students that received financial aid (2011-2012 academic year)                                                                                                                                                                                                                                          |
| <b>\$1 billion</b> | Total research funding for the fiscal year ending June 30, an increase of about \$50 million over the previous year                                                                                                                                                                                                   |
| <b>8,182</b>       | Number of degrees conferred in 2012<br>51% received a B.A. 52% men<br>28% received a B.S. 48% women<br>20% received a graduate degree<br>1% degree data unavailable                                                                                                                                                   |
| <b>150,900</b>     | Number of UC San Diego alumni; 28% live in San Diego County, contributing income, payroll, property and sales taxes to the region<br>73% live in California, with the highest percentage (28%) in San Diego<br>20% live in the United States (outside of California)<br>1% live abroad<br>6% address data unavailable |
| <b>16</b>          | Number of Nobel laureates that have taught on campus.                                                                                                                                                                                                                                                                 |
| <b>90</b>          | Memberships held by current faculty, including our current chancellor, Pradeep K. Khosla, in one or more of the three prestigious National Academies; the National Academy of Sciences (43), National Academy of Engineering (18) and Institute of Medicine (29).                                                     |

### ***Economic Impact***

|                       |                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>650+</b>           | Companies launched by and/or utilizing technology produced by UC San Diego faculty, staff and alumni, including many San Diego biotech and technology firms |
| <b>200+</b>           | Number of active local UC San Diego-related companies                                                                                                       |
| <b>\$25.7 billion</b> | Total estimated annual sales of active UC San Diego-related companies, including those utilizing licensed technology                                        |
| <b>29,200</b>         | Direct jobs attributable to active UC San Diego-related companies                                                                                           |
| <b>#1</b>             | Our campus is the largest employer based in San Diego County                                                                                                |

### ***Private Support***

|                        |                                                                                                                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>\$554 million</b>   | Total endowment for the campus, managed by the <b>UC San Diego Foundation</b> , a non-profit corporation established to help obtain, manage and invest private gifts in support of research, teaching and public service. For more information or to offer support, visit <a href="http://giving.ucsd.edu">giving.ucsd.edu</a> |
| <b>\$131.1 million</b> | Amount raised in private support for FY2012, with \$13.3 million committed to <i>Invent the Future</i> , the UC San Diego Student Support Campaign to fund scholarships and fellowships                                                                                                                                        |

## **Global and National Rankings**

### ***Campus Accolades***

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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>14th Best University in the World</b>        | In the prestigious 2013 Academic Ranking of World Universities released by the Center for World-Class Universities at Shanghai Jiao Tong, UC San Diego was ranked the 14 <sup>th</sup> best university in world. In 2013, UC San Diego was ranked 20th best university in the world by the Center for the World University Rankings and 40th best in the world according to <i>Times Higher Education's</i> "World Reputation Rankings."                                                                        |
| <b>15th in the World for Scientific Impact</b>  | UC San Diego was named 15th best research university in the world by the Centre for Science and Technology Studies of Leiden University's 2013 list that measured scientific impact of universities worldwide.                                                                                                                                                                                                                                                                                                  |
| <b>9th Best Public University in the Nation</b> | For more than a decade, our campus has been listed among the nation's top 10 public universities by the <i>U.S. News &amp; World Report</i> 2013 Best Colleges Guidebook. Our university is 38th among the nation's top 281 universities. The UC San Diego Jacobs School of Engineering's undergraduate program is ranked 23rd for their engineering doctorates program and garnered a 5th place spot in the Biomedical/Biomedical Engineering category.                                                        |
| <b>6th Best for Happiest Freshmen</b>           | UC San Diego was ranked 6th in the nation for public universities with the "happiest" freshmen by CBSnews.com's "Top 25 State Universities with the Happiest Freshmen" rankings for 2013.                                                                                                                                                                                                                                                                                                                       |
| <b>Best High School in the Nation</b>           | The Preuss School UCSD, a charter middle and high school located on the campus of UC San Diego, has been named the top transformative high school in the nation by <i>Newsweek</i> magazine in their 2013 "America's Best High School" issue released in May. Preuss is also ranked best high school in San Diego County by the <i>U.S. News and World Report's</i> 2013 list of "Best High Schools," 4th best high school in California, 7th best charter school in the nation and 30th overall in the nation. |

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| <b>1st for Positive Impact</b>      | In 2013, for the fourth consecutive year, UC San Diego is ranked 1st in the nation by the <i>Washington Monthly's College Guide</i> based on the positive impact the university has had on the country in terms of enabling social mobility, research productivity and civic engagement. |
| <b>6th in Research Funding</b>      | UC San Diego currently ranks 6th among top U.S. universities in total research and development expenditures by the <i>National Science Foundation (NSF)</i> .                                                                                                                            |
| <b>1st Among Division II Sports</b> | The 2013 National Collegiate Scouting Association's Power Rankings once again ranks UC San Diego 1st place among Division II colleges and 17th place overall, based on student-athlete graduation rates, academic strength and athletic prowess.                                         |

### Transforming Health Care

|                                          |                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>#1 Best Hospital in San Diego</b>     | The UC San Diego Health System is recognized as #1 among San Diego's adult hospitals and #5 in California by the 2013-2014 <i>U.S. News &amp; World Report</i> "America's Best Hospitals" issue, and ranked among the best in the nation in ten specialty areas including cancer, cardiology, geriatrics, neurosurgery, urology, gastroenterology, diabetes and more. |
| <b>Top 100</b>                           | Becker's Hospital Review named UC San Diego Health System among the top "100 Hospitals with Great Neurosurgery and Spine Programs" in 2013 for complex brain and spinal care and the Sulpizio Cardiovascular Center among the top "100 Hospitals with Great Heart Programs" for outstanding heart care.                                                               |
| <b>National Achievement Award</b>        | UC San Diego Health System received the 2012 Outstanding Achievement Award from the American College of Surgeon's Commission on Cancer for excellence in providing quality care to cancer patients.                                                                                                                                                                   |
| <b>"Top Docs"</b>                        | San Diego Magazine named 122 UC San Diego Health System physicians as "Top Docs" in 2012.                                                                                                                                                                                                                                                                             |
| <b>15th in the Nation</b>                | The School of Medicine is ranked 15th in research-intensive programs among 126 medical schools with the primary care program is ranked 39th out of 114 medical schools. Also, the AIDS program in the primary care category is ranked 8th by the <i>U.S. News and World Report</i> "America's Best Graduate Schools, 2012 Edition."                                   |
| <b>First Comprehensive Stroke Center</b> | UC San Diego Medical Center-Hillcrest is one of five facilities in the country—and the only center in San Diego County—to be recognized as one of the first Comprehensive Stroke Centers, the newest level of certification for advanced stroke care awarded by The Joint Commission in 2012.                                                                         |

### Unmatched Value

|                                      |                                                                                                                                                                                                                                                                 |
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| <b>4th Best Return on Investment</b> | UC San Diego was ranked 4th best public university for its return on investment for alumni who are California residents in PayScale.com's 2012-2013 College Salary Report.                                                                                      |
| <b>10th Best Value</b>               | <i>Kiplinger's Personal Finance</i> ranks UC San Diego the 10th best value public university in California in its 2013 top 100 list. The university was also ranked among the nation's top best value public colleges for 2012 by <i>The Princeton Review</i> . |

## Graduate Programs

**Graduate Programs Ranked Top 25** Graduate programs at UC San Diego continue to rank highly as noted in the "America's Best Graduate Schools" guidebook, 2014 Edition, released by *U.S. News Media Group*, publishers of *U.S. News & World Report*.

- Jacobs School of Engineering is ranked 14th out of 199 engineering schools; the biomedical/bioengineering program within the engineering school is ranked 3rd in the nation.

Although not all newly ranked this year, UC San Diego's other graduate programs ranking in the top 20 in the 2012 and 2013 editions of "America's Best Graduate Schools" include:

- The Sciences: physics specialties/plasma (5), discrete mathematics and combinations (6), neuroscience/neurobiology (7), biochemistry (10), physics (14), computer science (14), biological sciences (15), earth sciences (17), chemistry (20), mathematics (21)
- Social Sciences and Humanities: behavioral neuroscience (1), cognitive psychology (3), econometrics (4), international politics (5), American politics (6), comparative politics (6), sociology of culture (6), experimental psychology (7), political science (8), political methodology (8), psychology (14), economics (15)
- Arts and Sciences: master of fine arts in art and design (13)

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| <b>7th in the Nation</b>                      | The <i>Teaching, Research, and International Policy (TRIP)</i> project at the College of William and Mary ranked UC San Diego 7th in the Top 10 International Relations Ph.D. Rankings of 2012.                                                                                                                                                                                                                     |
| <b>19th in the World for Faculty Research</b> | The Rady School of Management at UC San Diego has been ranked 19th in the world for faculty research and 7th in alumni entrepreneurship in the <i>Financial Times'</i> Global MBA rankings 2013, out of 700 full-time MBA programs surveyed globally. Within the U.S., Rady School ranks 16th in the nation for faculty research and 3rd within California for entrepreneurship by the <i>Financial Times</i> . The |

**7th in the Nation  
for Study Abroad**

Rady School earned accreditation in 2011 from the prestigious AACSB International - Association to Advance Collegiate Schools of Business – one of the youngest in the nation to achieve recognition. UC San Diego was ranked 7th in the nation among doctoral institutions for the number of students who study abroad for a full academic year, by the Institute of International Education (IIE) Open Doors 2011 report.

**Doctoral  
Programs Ranked  
1<sup>st</sup> in the Nation**

Three doctoral programs offered at UC San Diego—Biological Sciences, Bioengineering and Scripps Institution of Oceanography—are ranked 1st in the country, two more are among the top four in their disciplines, and 60 percent of UC San Diego's programs are among the top 20 in their fields nationwide according to the results of the 2010 National Research Council (NRC) Data-Based Assessment of Research-Doctorate Programs, conducted every ten years.

## Additional Rankings

**#1 Best Surfing  
School in the  
Nation**

In 2013 the global Web site *Surflife* ranked UC San Diego as the #1 campus in the nation for surfing based on our proximity to the world-renowned Black's Beach, nationally ranked surf team, lively student life, affordable educational costs and extensive offering of surf classes.

**Top School for  
Peace Corps  
Service**

UC San Diego ranks 4th among large California universities and 13th nationally on the Peace Corps' 2013 list of "Top Colleges and Universities." There are currently 70 UC San Diego alumni serving as Peace Corps volunteers.

**Top Internet Clout**

The Massachusetts Institute of Technology has ranked UC San Diego 19th in the nation for the most "buzzed about" university on the Internet.

**Best Apps**

*USA Today* included UC San Diego in its 2012 list of "5 Colleges with Great Mobile Apps."

**Best Vegan-  
Friendly School**

In 2012, UC San Diego was ranked 1st in the nation as the most vegan-friendly university by peta2, a youth division of People for the Ethical Treatment of Animals.

**Top Sustainable  
School**

UC San Diego is one of only 10 campuses in the United States and Canada to earn a "gold" sustainability-performance rating in the prestigious Sustainability Tracking Assessment and Rating System (STARS) 2011 survey.

**Incomparable Art  
Collection**

Mary Beebe won the 2011 Americans for the Arts' Public Art Network Award for her work as director of the Stuart Collection, a unique program of site-specific works by leading artists on the campus of UC San Diego.

## Current Faculty Honors

**Nobel Prize**

Harry Markowitz, economics (1990); Mario J. Molina, chemistry (1995); Roger Tsien, chemistry (2008). The 2007 Nobel Peace Prize was awarded to former vice president Al Gore and the Intergovernmental Panel on Climate Change, whose roster of researchers lists nearly two dozen Scripps Institution of Oceanography scientists including Mario Molina, Veerabhadran Ramanathan, Richard Somerville and Lynne Talley.

**Fields Medal**

Efim Zelmanov, mathematics (1994).

**National Medal of  
Science**

Margaret Burbidge, astrophysics (1983); Walter Munk, geophysics (1983); Craig Venter, pharmacology (2009); Marye Anne Fox, chemistry (2010); and Shu Chien, bioengineering (2011).

**National Medal of  
Freedom**

Mario Molina, (2013).

**Pulitzer Prize**

Roger Reynolds, music (1989); and Rae Armantrout, poetry (2010).

**Kyoto Prize**

Walter Munk, geophysics (1999).

**MacArthur Fellows**

Edwin Hutchins, cognitive science (1985);-Nancy D. Cartwright, philosophy (1993); Kun-Liang Guan, pharmacology (1998); Guillermo Algaze, anthropology (2003); and Carol Padden, communication (2010).

**Tony Award**

Judith Dolan, theatre and dance (1997).

**Academy Award**

Henrik Wann Jensen, computer science and engineering (2004).

**Wolf Prize**

George Feher, chemistry (2007); and Roger Tsien, medicine (2008).

## Notable Former Faculty and Alumni Honors

**Nobel Prize**

Harold Urey, chemistry (1934); Francis Crick, physiology or medicine (1962); Maria Goeppert-Mayer, physics (1963); George Palade, physiology or medicine, (1974); Renato Dulbecco, physiology or medicine, (1975); Susumu Tonegawa, '68, physiology or medicine, (1987); Paul Crutzen, chemistry, (1995); Sydney Brenner, physiology or medicine, (2002); Robert Engle, economic sciences, (2003); Clive Granger, economic sciences, (2003); and Bruce Beutler, '76, physiology or medicine, (2011).

**National Medal of  
Science**

Harold Urey, chemistry (1964); Linus Carl Pauling, chemistry (1974); Roger Guillemin, medicine (1976); Margaret Burbidge, astrophysics (1983); George Palade, medicine (1986); Michael Freedman, mathematics (1987); Roger Revelle, oceanography (1990); Marshall Rosenbluth, physics (1997); Yuan-Cheng Fung, bioengineering (2000); Charles David

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    | Keeling, geosciences (2001); Andrew Viterbi, electrical and computer engineering (2007); and Craig Venter, '72, pharmacology (2008).<br>Irwin Jacobs (1994).                                                                                                                                                                                                                                                                                                             |
| <b>National Medal of Technology and Innovation</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Balzan Prize</b>                                | Roger Driscoll, political science (1986); Roger Revelle, oceanography (1986); James Freeman Gilbert, geophysics (1990); Wolfgang Berger, geosciences (1993); and Harmon Craig, geophysics (1998).                                                                                                                                                                                                                                                                        |
| <b>Tony Award</b>                                  | Jefferson Mays, '91, (2004), Paloma Young, '06, (2012).                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Emmy Award</b>                                  | Larry Groupe, musical composition (1999, 2008).                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Presidential Medal of Freedom</b>               | Sally Ride (2013).                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Fields Medal</b>                                | Michael Freedman, mathematics (1986); and Shing-Tung Yau, mathematics (1982).                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MacArthur Fellows</b>                           | Elizabeth Bates, cognitive science (1983); Ramon Arturo Gutierrez, ethnic studies (1983); Richard Schoen, mathematics (1983); Michael Freedman, mathematics (1984); Arnold Mandell, psychiatry (1984); Shing-Tung Yau, mathematics (1985); David Rumelhart, psychology (1987); Michael Schudson, communications (1990); Patricia Smith Churchland, philosophy (1991); Russell Lande, biology (1997); George Lewis, music (2002); and Emily Ann Thompson, history (2005). |
| <b>Nebula Award</b>                                | Greg Benford, '67 (Best Novelette, <i>If the Stars Are Gods</i> , 1975; Best Novel, <i>Timescape</i> , 1980); Kim Stanley Robinson, '74 and '82 (Best Novella, <i>The Blind Geometer</i> , 1987; Best Novel, <i>Red Mars</i> , 1993); and David Brin, '78 and '81 (Best Novel, <i>Startide Rising</i> , 1984).                                                                                                                                                           |

See the "UC San Diego Campus Profile" at <http://ucpa.ucsd.edu/resources-and-information/campus-profile/> for updated rankings, facts and statistics. This list is not comprehensive. We make every effort to keep these listings current and accurate. Please notify [marcom@ucsd.edu](mailto:marcom@ucsd.edu) if you notice a discrepancy.