



CALTECH ASSOCIATES

Your Gateway
to Discovery

Join the Caltech Associates

You are an investor in
discovery simply by
joining the Associates.

All Associates membership dues
support Caltech's top research
and educational priorities.

Who Are the Caltech Associates?

Founded in 1926, the Caltech Associates is a membership organization of people who socialize, learn, and travel together. As a member, you will join a stellar group of people interested in directing their philanthropic passions toward creating a better world.

Caltech Associates include business and community leaders, entrepreneurs, scientists, educators, Caltech neighbors, and members living in other cities—even the occasional rocket scientist! What unifies this diverse group is their shared interest in lifelong learning and their belief that investing in Caltech yields powerful outcomes. Members

in Southern California, Northern California, and on the East Coast participate in inspiring programs and travel opportunities featuring Caltech faculty, students, and other internationally recognized experts. These events offer timely, up-close insights into the latest discoveries and trends in science, technology, engineering, medicine, and the arts.

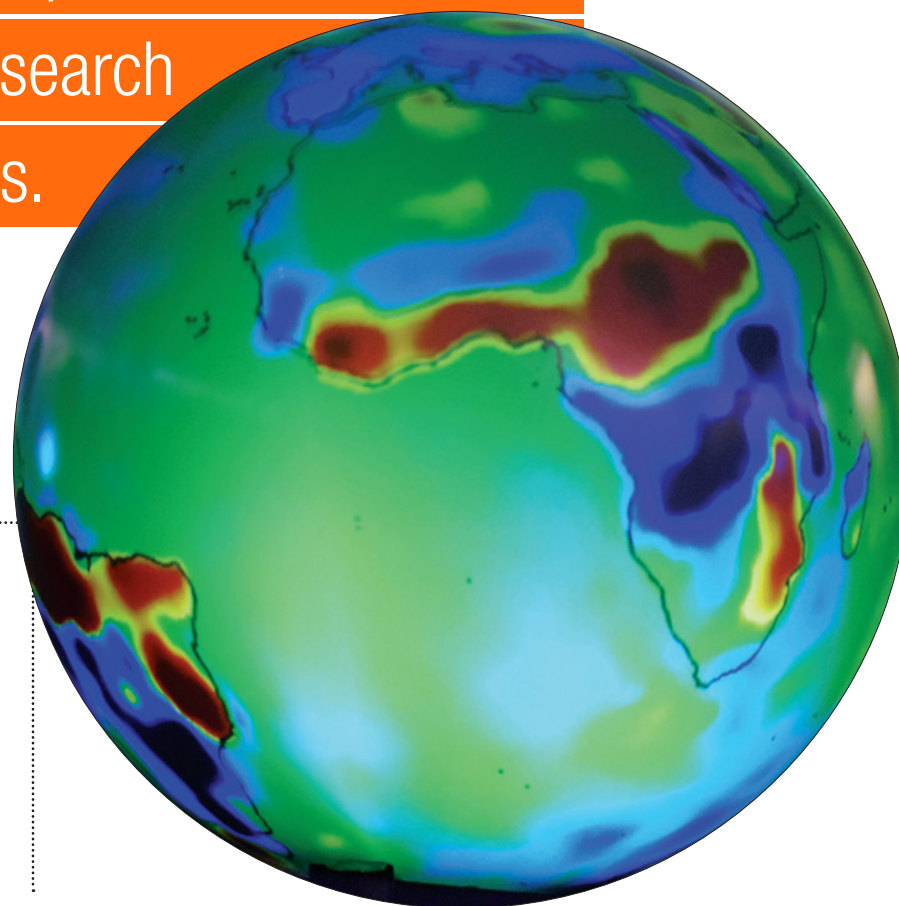
CALTECH ASSOCIATES AT A GLANCE

~2,000

Associates members around
the globe

70%

non-alumni



◀ Dynamic globe at JPL, managed for NASA by Caltech, which lets you explore Earth-observing missions in real time

65%

Pasadena residents

17%

outside California

25+

Board and committee
members who
partner in shaping the
organization

5

main regions, hosting events
in Pasadena, LA's Westside,
Orange County, Northern
California, and on the East Coast

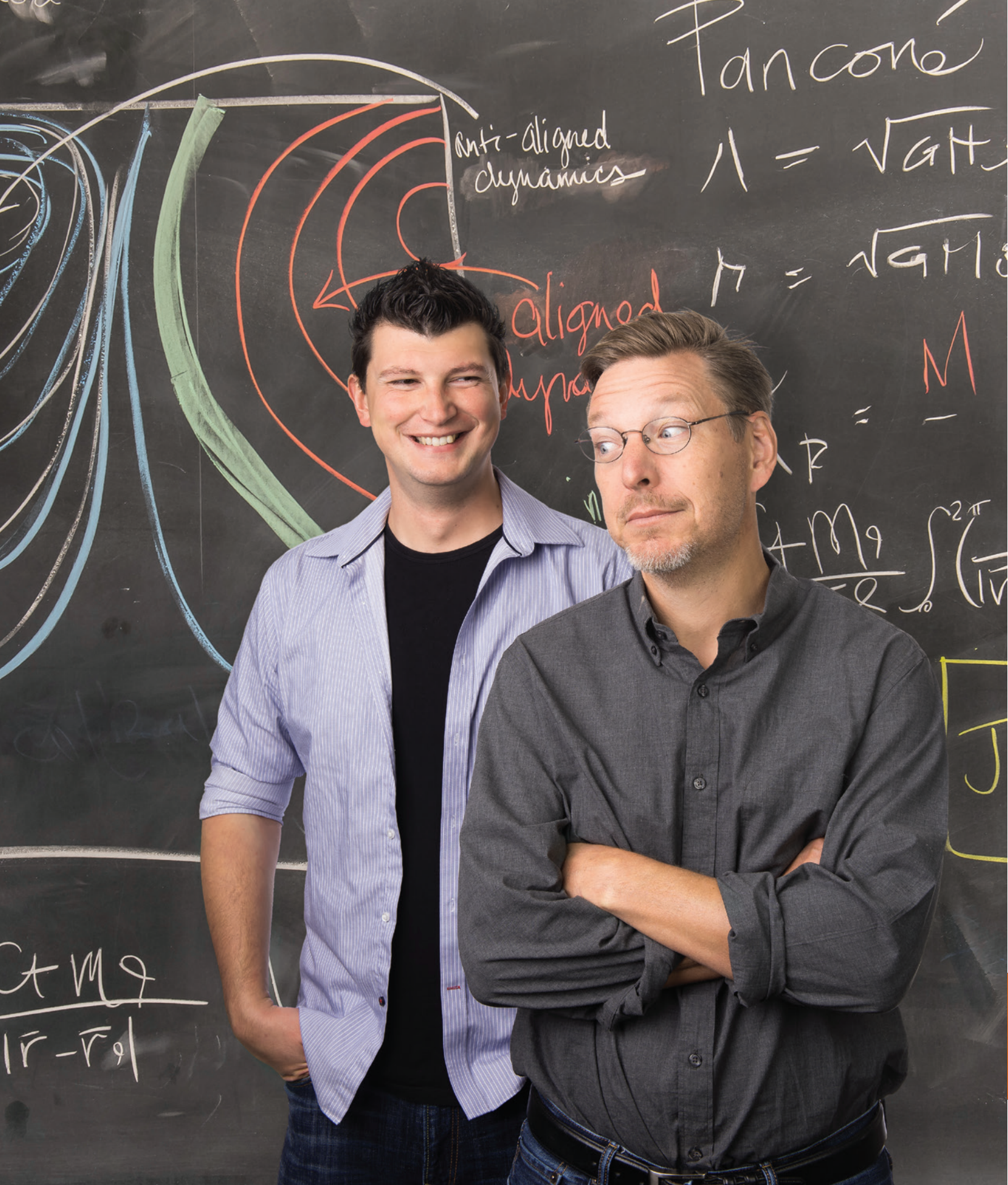
Your Portal into Caltech

Membership dues provide unrestricted support to priority initiatives and allow Caltech researchers to take smart risks—focused on making meaningful breakthroughs in science, engineering, technology, and medicine—to improve the lives of people all over the world.

Be part of
changing the world
with the Caltech Associates.



Microbes inhabit nearly every part of the human body, with 100 trillion of these bacteria found within the gastrointestinal tract. Lynda Boone Fetter, Associates president 2015–2016, and her husband, Blaine, have helped advance the research of Sarkis Mazmanian, Luis B. and Nelly Soux Professor of Microbiology, Heritage Medical Research Institute Investigator, and MacArthur Foundation “Genius” award recipient (left), whose research links the impact of gut bacteria to autism, Parkinson’s disease, and other neurological conditions.



Forward-Looking from the Start



Since the organization’s founding in March 1926, the Caltech Associates have had their eyes on the future.

1920s

Nobel laureate and Caltech co-founder **Robert Andrews Millikan**, with the help of trustee **Henry Robinson**, resolves to find 100 influential men and women in Southern California eager to invest \$1,000 annually for 10 years in the emerging scientific center.

1926

In the home of railroad magnate and art collector **Henry Huntington**, 100 families assemble for the first meeting of a stellar group called the Associates of the California Institute of Technology. Founding members include the publisher of the *Los Angeles Times*, founders of the Edison Company and Southern California Gas Company, a former U.S. senator, and a former Occidental College president. Together with Caltech, these leaders will create a new way to bolster education and research efforts that expand human knowledge of the universe.

1929

Mr. and Mrs. Allan C. Balch, two of the founding Associates, see the need to fund a gathering place for Caltech faculty, Associates, and the staffs of The Huntington Library, Art Collections, and Botanical Gardens and the Hale Observatories. Caltech manages to convert the generous gift of stock to half a million dollars in cash just before the market crashes.

1931

At a time when many institutions are short on money, Caltech is able to build the ornate **Athenaeum**. The Associates welcome **Albert Einstein**, together with his fellow Nobel laureates Albert Abraham Michelson and Millikan, at the Athenaeum’s inaugural event.



With support from the Associates and others, Caltech astronomers Konstantin Batygin (MS ’10, PhD ’12), Assistant Professor of Planetary Science and Van Nuys Page Scholar (left), and Mike Brown, Richard and Barbara Rosenberg Professor of Planetary Astronomy, are redefining our solar system’s landscape with their discovery of evidence of a new planet, which they call “Planet Nine.” They shared their findings, which have received global media attention, with the Associates in an exclusive reception at the Athenaeum on the Caltech campus.

Benefits of Membership

Based on your interests, you can join at the membership level that is right for you. There are many reasons to join the Associates. Enjoy the exclusive benefits, access, and resources available to you.

ACCESS

Enjoy full access to such campus resources as the libraries, gym, and Caltech’s historic private club, the Athenaeum. Plus, seating is reserved for Associates at a wide range of campus programs, including Watson Lectures, and tickets are discounted for Caltech Live! performing arts programs.

Associates and guests hear from faculty and experts on California’s water issues and their global impact at our program When in Drought.



EXPLORE

Participate in the exclusive Associates travel program, in which faculty and experts lead tours to compelling destinations both local and distant—from day trips to Griffith Observatory, Palomar Observatory, and JPL to longer domestic and international trips to the LIGO Lab, the world’s largest gravitational-wave observatory, in Hanford, WA; CERN, the European Organization for Nuclear Research, in Switzerland; the Galápagos Islands; and Chile to view the 2019 eclipse.

CONNECT

Take advantage of matchless opportunities to connect with faculty, researchers, and students at the forefront of their disciplines.



ENGAGE

Invitations to over 30 Associates events and programs each year feature thought-provoking speakers and topics. Reflecting our members’ busy schedules, diverse events include dinner programs, our luncheon series, and behind-the-scenes tours of typically inaccessible labs and clean rooms. Also on the agenda: conversations and panel discussions of forward-leaning Institute initiatives—from the future of driverless vehicles to managing heredity through gene editing.

Jane Arnault-Factor, Associates President 2017–2018, with Andrew Thompson, professor of environmental science and engineering, as Thompson discusses his autonomous underwater robotic vehicles, which are exploring the ocean’s currents and eddies and their impact on Earth’s ecology and climate.



LEARN

Be among the first to hear breaking Caltech news. Whenever possible, VIP seating is reserved for Associates at press conferences and special lectures announcing Caltech’s many important discoveries.



NETWORK

Become part of a dynamic intellectual community. With more than 2,000 members, the organization helps dedicated learners and thought leaders meet and fosters friendships among kindred spirits.

INVEST

Your membership dollars seed high-impact investigations and directly benefit scientists and students. Many members choose to deepen their involvement at Caltech, fueling research they feel passionate about. As a member, your investment at any level will support the future of science and technology.

JOIN

For information about membership levels, see the [insert accompanying this brochure](#) or contact the Associates at 626-395-3919 or caltechassociates@caltech.edu.

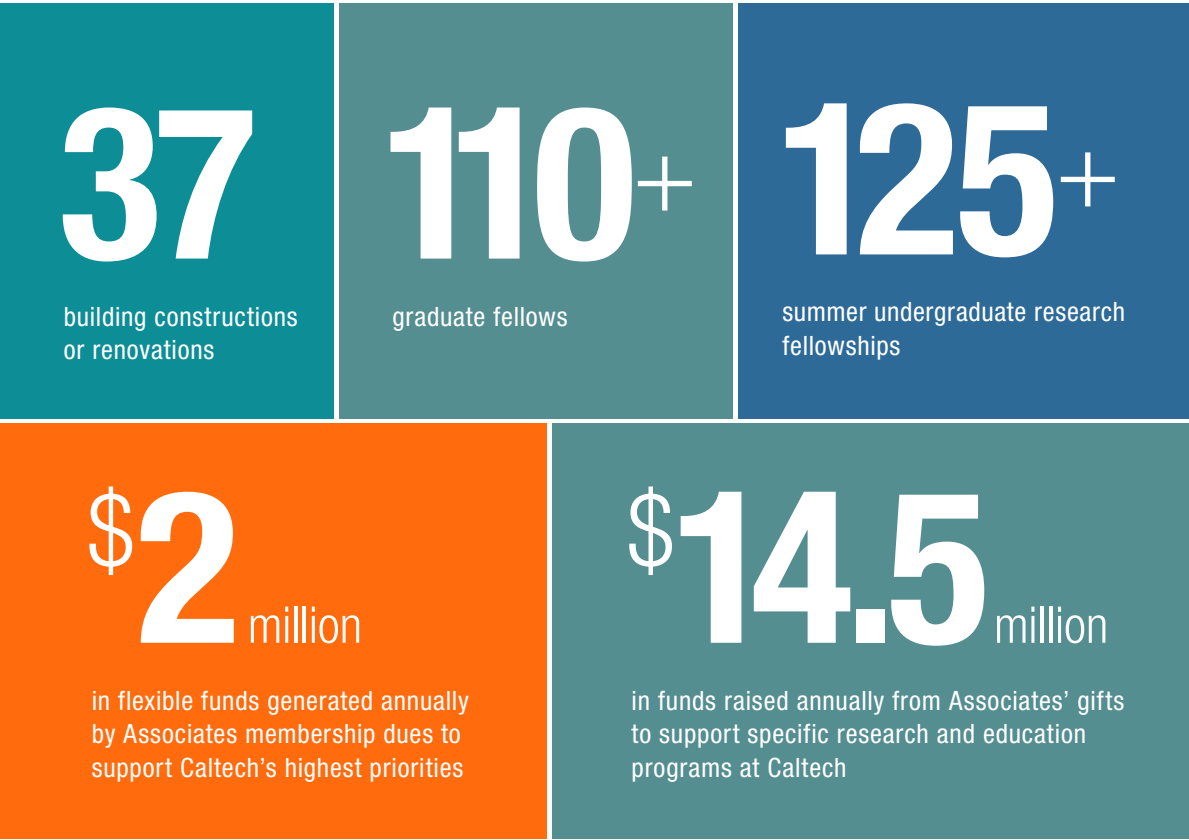


Scientists and engineers at the Caltech Brain Imaging Center, part of the Tianqiao and Chrissy Chen Institute for Neuroscience at Caltech, are exploring uncharted territories of the brain, aided by Associates support. The center helped launch a new field of study, neuroeconomics, which maps the computations carried out by the brain in social situations. It may offer insights into the underpinnings of various neurological and psychiatric disorders.

Powering Progress

Members of the Associates contribute unrestricted support that strengthens Caltech’s ability to address the most complex scientific and societal problems. After nearly a century, the Associates’ collective support has helped make Caltech a global leader in science and technology.

GIFTS FROM ASSOCIATES HAVE HELPED SUPPORT:



“

The Caltech Associates provides a really amazing learning experience we couldn't get anywhere else. For **parents of Caltech students**, it's a great way to get a sense of what your child is learning.”

ROB AND CHRIS HOLO, *Caltech Parents*

“

My husband, Blaine, and I experience Caltech as an **entrepreneurial environment**, where opportunities to play a role are extremely exciting, humbling, and a highly leveraged way to spend one's time and money. That we are actually supporting the research we're learning about is very special.”

LYNDA BOONE FETTER, *Associates President 2015–2016; Principal of Samuelson & Fetter LLC*

“

Time and again, Caltech produces findings in science and technology that dramatically affect the entire world. The Associates must be complimented for making the knowledge, personalities, and **excitement of Caltech available to the community.**”

BILL BOGAARD, *Former Mayor of Pasadena*

“

During my first Associates event, I was fortunate to be seated next to a Caltech alumnus. During our conversation, I was offered an interview opportunity. I have made great **professional and personal relationships** through the Associates.”

GUANGHUA GAO (PHD '98), *Senior Quantitative Trader in New York*



Associates and their friends and families took a private tour of the 177-acre JPL site, more than twice the size of Disneyland and home to more than 5,000 scientists and staff. Participants could take a seat in Mission Control, where spacecraft and orbiters receive commands 24 hours a day. Also on view: the Spacecraft Assembly Facility, where the Juno and Curiosity rovers were built and tested.



President's Circle members journeyed to Hawaii's Big Island, where Edward M. Stolper, Caltech's ninth provost and William E. Leonhard Professor of Geology, and Tom Soifer (BS '68), Harold Brown Professor of Physics, Emeritus, led a tour of the W. M. Keck Observatory. The Associates also enjoyed a one-of-a-kind visit to the Mauna Kea Observatories, where knowledgeable guides provided a behind-the-scenes look at research under way at the summit.



Membership in the Caltech Associates is an **unlimited resource**. You can explore different fields of cutting-edge science, participate in programs, and interact with faculty and students at the best university in the world."

JOSEPH CHANG, Past President, San Marino Unified School District Board of Education



Traveling with the Associates is an intimate and highly rewarding experience. Caltech faculty provide **unprecedented access and insights** into their breakthrough research."

SUSAN MURAKAMI (BS '75), Retired Pathologist, Huntington Memorial Hospital, Pasadena



The Caltech Associates has been one of the most rewarding and enjoyable experiences for me and my wife. We have made lifelong friends, and it's a **community we truly value**."

CARL V. LARSON (BS '52), Associates President 1996; Retired Vice President, Versatec



Caltech produces amazing technical and scientific achievements that are even more impressive considering its size. There are no other organizations as **philanthropically effective** as Caltech. It has a high return rate for the aggressive science it pursues."

ROBERT T. JENKINS (BS '65), Caltech Trustee; Associates President 2004–2005; Retired VP and Director of Corporate Licensing, Intel



The Associates is a wonderful **gateway into the Institute**. I enjoy the opportunity to learn something new at each event, whether it be science or a faculty career path or life story or even the escapades of an Associate's child or grandchild."

JANICE OHTA, Independent Consultant, Condor, Inc.

An Epicenter of Transformation

Breakthroughs happen at Caltech because it is a different kind of university—one where a small community of top scientists, engineers, and students pursues creative ideas wherever they lead.

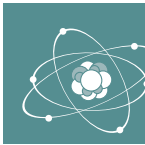
This special place is home to people who dream of transforming knowledge and, with it, the world. Caltech scholars and alumni push past existing frontiers, seek solutions for today’s difficult questions, and make a lasting difference in science, technology, and society. All this from only 300 professors, 2,200 students, and 600 research scholars on a 124-acre campus.

How does a small institution deliver such enormous impact? By emphasizing people. Caltech attracts outstanding, original thinkers who thrive on collaboration—37 faculty and alumni have won 38 Nobel Prizes, and 58 are National Medal of Science recipients. Similarly, it attracts great supporters, and this philanthropic partnership positions Caltech to try—and accomplish—extraordinary things.

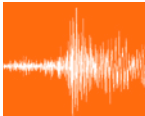


Left: Associates explore the restoration laboratories at the Andalusian Historical Heritage Institute in Seville on a recent trip to Spain with Professor of History Nico Wey-Gomez. Right: Associates take in the spectacular views of the total solar eclipse in Oregon with Mike Brown, Richard and Barbara Rosenberg Professor of Planetary Astronomy, and Paul Asimow, Eleanor and John R. McMillan Professor of Geology and Geochemistry.

SOME OF THE BREAKTHROUGH SCIENCE ORIGINATING AT CALTECH



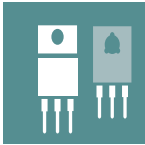
Revealing how atoms bond—a discovery that revolutionized chemistry



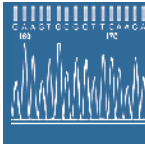
Inventing the magnitude scale for measuring earthquakes



Identifying lead pollution—and prompting health improvements in the United States and abroad



Pioneering transistor technology that made today’s computer era possible



Developing the automated DNA sequencer, which led to mapping the human genome



Detecting gravitational waves, which confirmed a major prediction of Einstein’s general theory of relativity and inaugurated the new field of gravitational-wave astronomy



Launching the field of “directed evolution” for protein engineering to advance medicine, sustainable chemistry, and renewable energy

Expand the Legacy

Caltech has accomplished things that the first Associates in 1926 could not have imagined: developing the principles that made high-speed aircraft possible, discovering the nature of quasars, determining the age of Earth, decoding how smog forms, discovering the smallest unit of matter, landing a rover on Mars, and detecting gravitational waves—to name a few astonishing breakthroughs.

Associates members have been there every step of the way. Your support is key to addressing the enormous challenges that remain in science, technology, and

engineering, and allowing Caltech to continue to make discoveries that will change the world. The 100 original Associates would have expected no less.

You can invest
in the future.

Join the Caltech Associates.



Stephanie Kwan (BS '18) grew up fascinated by science. After coming to Caltech and learning about the discoveries of the Higgs boson and gravitational waves, she was awarded an Associates-funded Summer Undergraduate Research Fellowship to work in the lab of Professor Maria Spiropulu, Shang-Yi Ch'en Professor of Physics. It is now her dream to travel to CERN and continue learning about the mysterious and exciting world of particle physics.



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California Institute of Technology

1200 E. California Blvd., MC 5-32

Pasadena, CA 91125

Tel: 626-395-3919

Fax: 626-395-5890

caltechassociates@caltech.edu

associates.caltech.edu

Caltech