

Caltech

Technology Transfer &
Corporate Partnerships



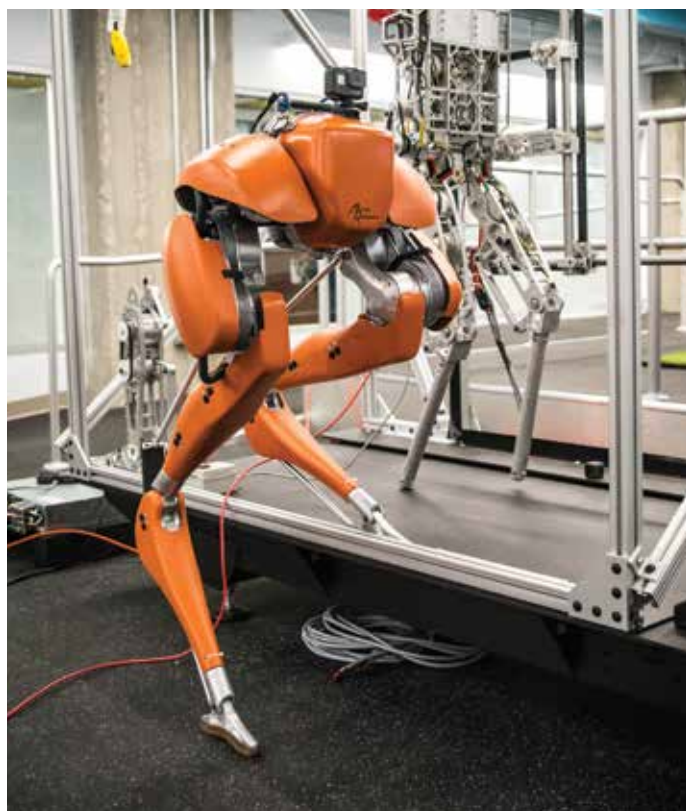
CORPORATE PARTNERSHIPS

CALTECH

As a small institute with only 300 faculty, 2200 students, and 600 postdocs, Caltech is an especially valuable partner, able to push boundaries and explore new possibilities in an efficient way. Our team understands your perspective as a corporation aiming to advance its strategic agenda and secure its global competitiveness by gaining access to the critical resources a top university can offer.

OTTCP is here to help your corporation access these resources and navigate within Caltech's six academic divisions:

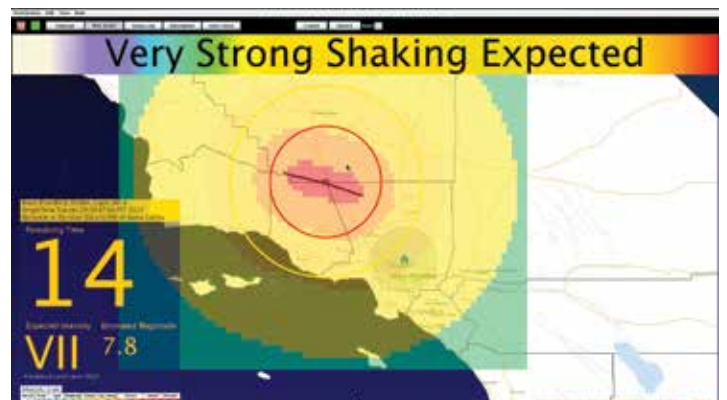
- Biology and Biological Engineering
- Chemistry and Chemical Engineering
- Engineering and Applied Science
- Geological and Planetary Sciences
- Humanities and Social Sciences
- Physics, Mathematics and Astronomy



Research Areas

We will work with you to make the partnership process as efficient as possible, providing a strong foundation for a mutually beneficial long-term relationship. Significant alignments for our research include the following areas:

- Computing + Mathematical Sciences, including AI & ML, Computer Vision
- Quantum Computing, Engineering, Information & Networks
- Autonomous Systems & Technologies
- Aerospace & Space Engineering
- Nanomaterials, Metamaterials, Energy Storage Materials, & Polymers
- Sustainability, Carbon Management & Environmental Sciences
- Biodata, Biopharma, Biotech & Synthetic Biology
- Medical Devices & Smart Sensors
- Neuroscience including Social & Decision Making, Finance & Economics
- Geology, Seismology, Satellite Remote Sensing





PARTNER WITH CALTECH

There are many ways your corporation can engage and partner with Caltech. Partnering opportunities include strategic partnerships and master agreements, sponsored research, gifts, gifts in kind, grants, fellowships, scholarships, postdoc sponsorship, licensing, startup creation, internal innovation-funding programs, sponsored events, student challenges, executive education, and student recruitment.

Strategic Corporate Partnerships

Increasingly, companies understand the importance of entering into strategic agreements with Caltech. Strategic partnerships with Caltech are critical drivers of the innovation economy. Caltech is a top-tier university for many companies' research collaboration and hiring. Caltech uses university/company-wide master research agreements to create a framework to manage collaboration activities, improve negotiating positions, accelerate the deployment of projects, and encourage interfaculty and interdepartmental collaboration on topics of shared interest.

Strategic partnerships also provide a flow of newly minted talent. Caltech's Corporate Partnerships team can help your company build strong, long-lasting relationships with Caltech faculty and students. We have developed a corporate engagement strategy that helps us identify ways we can align our core competencies with the critical needs of our corporate partners, making them more competitive, more profitable, and ultimately more successful.

Sponsored Research

Corporations can support research by providing funds to a project in a topic of common interest through a Sponsored Research Agreement (SRA). An SRA outlines a clear statement of work between a sponsor (corporation) and a researcher or principal investigator (PI).

Corporations may support one-time individual projects or multiple projects across different departments and laboratories.

Gifts

Corporate philanthropy increasingly reflects strategic corporate priorities and for many companies corporate gifts are an integral part of a strategy to enhance their reputation with students, faculty, and administration. OTTCP will work with your company to ensure that your giving supports your strategic business goals while enabling the Institute to meet its primary research and educational responsibilities.

Corporate gifts can be directed toward:

Student, Faculty, and Postdoc Support

Gifts may be realized through scholarships, fellowships, professorships, and postdoctoral scholar positions that could be named after your corporation. Your corporation would choose the faculty member, division, department, or laboratory recipient for the gift and/or indicate the research direction.

STEM Education & Research Initiatives

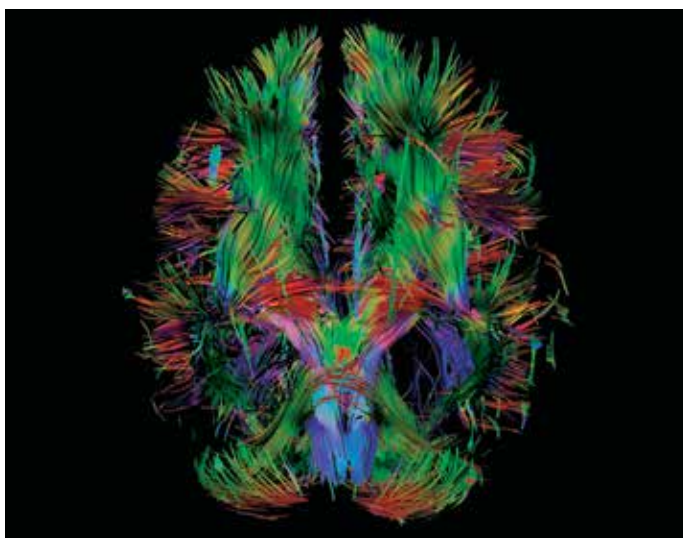
Support one or several student researchers through SURF, WAVE, or BASE 11 fellowships. Each year students from around the globe are mentored and introduced to research through these programs.

Student Activities & Competitions

Many student activities and competitions such as the ME 72 Engineering Design Contest, Experimental Robotics, and Caltech Space Challenge rely on outside funding.

Diversity

A gift in the above areas helps advance diversity and inclusion initiatives at Caltech, as many of these programs support underrepresented minority, female, and LGBTQ+ students on campus. Corporate support of these important student programs also increases industry's visibility among students and promotes the corporation throughout campus.



Research Grants for a Research Center, Academic Division, or Research Area

Research grants provide unrestricted funding for an academic division, scientific discipline, or research center. Your corporation could have premier access to Caltech investigators who work in more than 30 fields of study, furthering fundamental and applied science in cross-disciplinary centers and institutes and resulting in powerful ideas that move society forward.

General Caltech Endowment

Endowment funds are invested and managed by the Institute to last forever, with the income from the gift supporting, in perpetuity, a goal selected by the donor. The impact of endowed and discovery funds (unrestricted funds) can also be dedicated to a specific research area or building project.

Licensing and Entrepreneurship

Scientific discoveries and technology should be put to work for the benefit of society. Partner with us to advance commercialization efforts for technologies developed at Caltech and JPL through licensing or the creation of a startup.

Caltech researchers created the key technologies behind the mobile-phone camera, robot-assisted microsurgery, the microwave oven, satellites, integrated circuits, the DNA sequencer, infrared thermometers, and many others.

Other Partnership Opportunities

Executive Education

Caltech's Center for Technology and Management Education (CTME) offers executive education solutions to the challenges faced by today's technology-based organizations. Our customized, goal-driven programs foster performance improvement and organizational success.

Student Recruiting and Corporate Internships

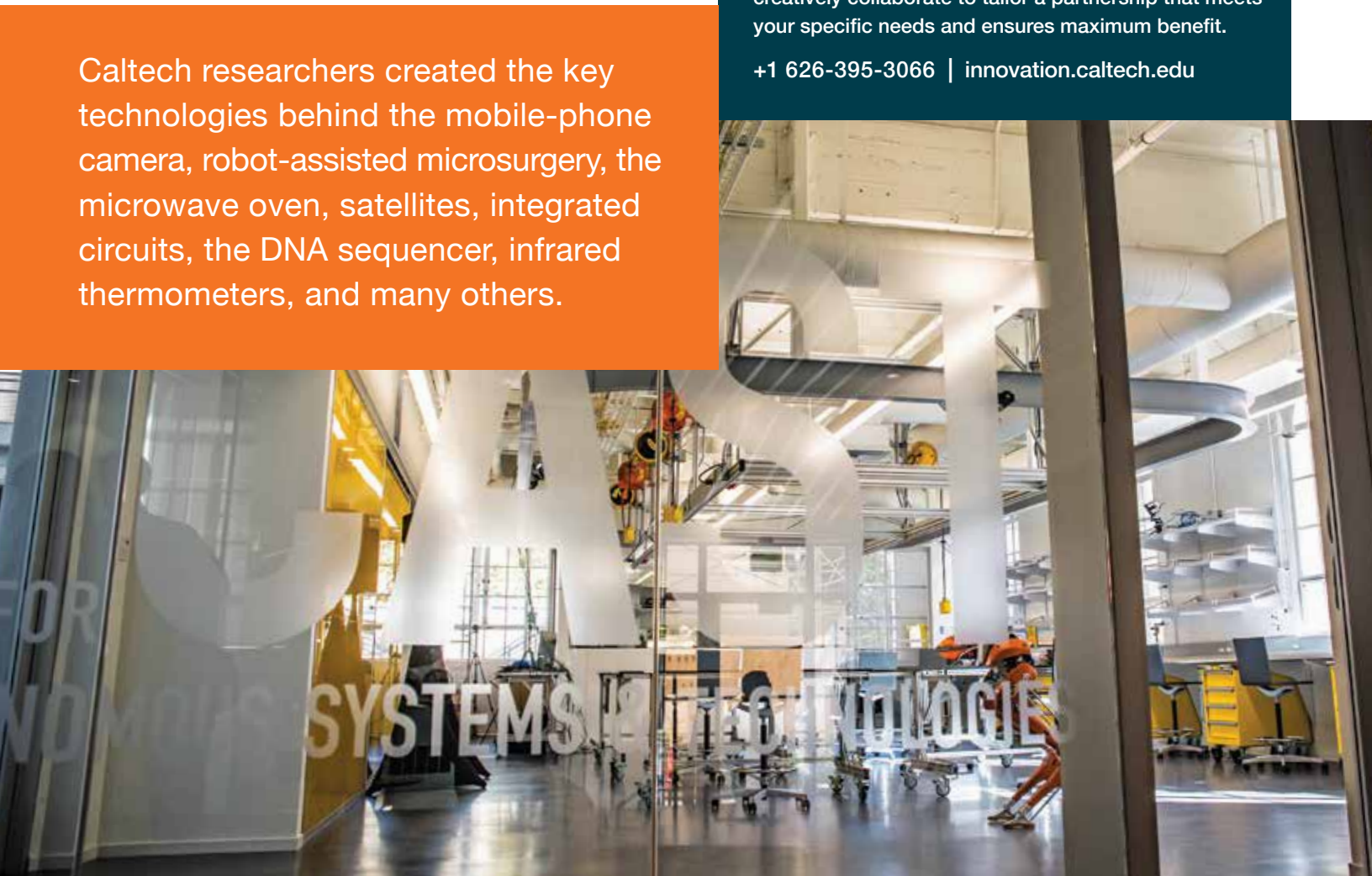
We will work with Career Advising and Experiential Learning (CAEL) to help you find the next generation of future company leaders. We can also help your company shape and customize internship opportunities at Caltech.

Visiting Scientists Program

Members of your corporation have the opportunity to spend a period of time at a faculty lab or office to expand their expertise and enjoy enriching multi-level interactions across campus with faculty, students, and staff.

OTTCP serves as a launching point for companies seeking access to the research expertise at Caltech. Contact us to tap into the collective brainpower of one of the world's leading research universities—and put that knowledge to work for your company. We will creatively collaborate to tailor a partnership that meets your specific needs and ensures maximum benefit.

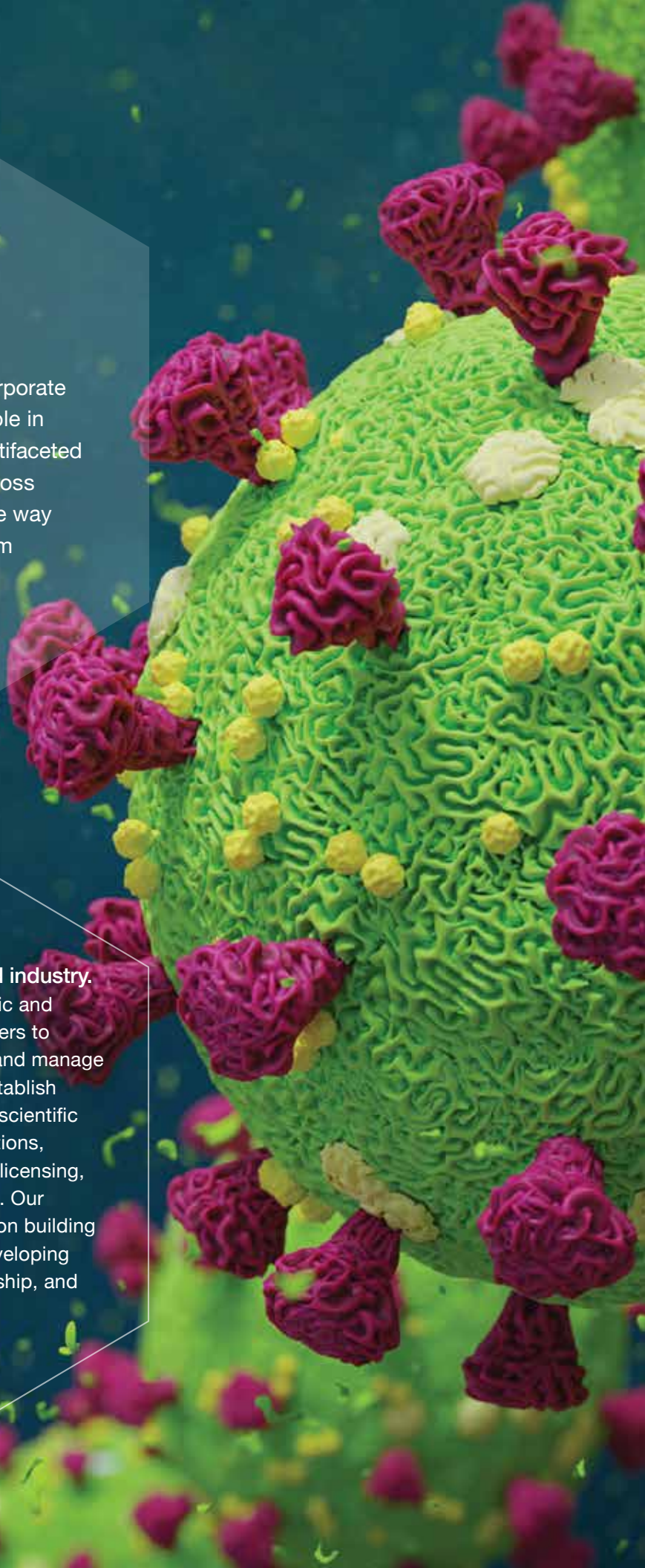
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CORPORATE PARTNERSHIPS

The Office of Technology Transfer and Corporate Partnerships (OTTCP) plays an integral role in establishing and maintaining Caltech's multifaceted corporate partnerships. By operating across campus and disciplines, OTTCP paves the way for productive collaborations and long-term partnerships involving corporations.

OTTCP is the nexus between Caltech and industry. Our mission is to drive the transfer of scientific and technical knowledge created by our researchers to maximize its benefit to society. We facilitate and manage this transfer to the commercial sector and establish and maintain partnerships in support of joint scientific breakthroughs. We do this through collaborations, industry-sponsored research agreements, IP licensing, and nurturing an entrepreneurial environment. Our approach to industry collaborations focuses on building long-term relationships of mutual benefit, developing intellectual property, promoting entrepreneurship, and being industry friendly.





Caltech is a top-ranked institution in terms of number of patents per faculty member per research dollar invested and its ability to transfer intellectual property efficiently and effectively to the marketplace.



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