

Cal Poly – Industry Research & Development Partnerships

CAL POLY

The right choice

California Polytechnic State University is a nationally ranked, four-year public university with more than 18,000 students and faculty.

What differentiates Cal Poly from other universities is our unique focus on applied research and “learn-by-doing” philosophy. This approach creates a superb environment for business partnerships. Our polytechnic, interdisciplinary focus gives us a great advantage in solving today’s scientific and technical challenges - which often cross traditional academic disciplines.

Whether you need to solve a product development problem, test applications for new technologies, address an environmental challenge, or bring your product to market faster, Cal Poly can help you find a viable solution.

The right partner

At Cal Poly, we want to make it easy for you to do business with us. We aim to create a timely and cost-effective solution to your research project through:

- Streamlined process. We offer simplified contractual arrangements for long-term relationships — and, for every project, straightforward contracts with clear deliverables and milestones.
- Low overhead costs. Cal Poly has favorable indirect cost rates, leading to lower research costs for our industry partners.
- A natural alignment with industry. Cal Poly’s learn-by-doing approach produces faster, more practical results. We focus on near-term (one-to-three year) solutions for existing technology areas, and we also do cutting-edge research in new areas, such as nanotechnology.
- Results-oriented faculty. At Cal Poly, faculty members are interested in solving the real problems facing industry today.
- Varied working arrangements. Cal Poly offers businesses a variety of options for collaboration, including:
 - Research and development partnerships
 - Contract research

- Faculty consulting
- Streamlined product testing and evaluation services
- Smaller projects to fit into small company budgets
- Student projects that can evolve into other research relationships.

- Technology Transfer and favorable terms for intellectual property (IP) ownership and licensing. Cal Poly is very flexible in licensing IP back to its industry partners. We can also take on projects to validate or build on a company’s existing IP. In addition, Cal Poly’s local management of IP enables more rapid resolution of IP issues.



The right resources

Cal Poly has extensive faculty, facilities and equipment resources to support applied research projects:

- Specialized centers of expertise. Industry research partners have access to a number of specialized centers offering expertise ranging from automotive research to irrigation and environmental biotechnology.
- Specialized equipment and facilities. Industry research partners can also access a wide range of specialized equipment and facilities.
- Extensive information technology (IT) infrastructure. Cal Poly has a fiber-optic backbone, video distribution, and streaming media services to meet the computing needs of our industry partners.
- Technology Park. Developed through the California Central Coast Research Partnership (C3RP), the Cal Poly Technology Park will offer flexible spaces for technology-based businesses—particularly for firms engaged in research with Cal Poly.

To learn more about getting started with a Cal Poly applied research project, please contact:

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CALIFORNIA CENTRAL COAST
RESEARCH PARTNERSHIP

Through the California Central Coast Research Partnership (C3RP), Cal Poly offers numerous opportunities for innovative university-business collaboration. As a recognized leader in applied research, we can help you solve business and technology problems, develop and commercialize new technologies, reduce your time to market and enhance your global competitiveness.

Cal Poly Technology Park. A project of Cal Poly and the California Central Coast Research Partnership (C3RP), the Cal Poly Technology Park will serve as a home on campus for technology-based businesses — particularly firms engaged in applied research and development. The park will increase collaboration between Cal Poly and industry and enhance the ability of park tenants to draw from the expertise of Cal Poly faculty and students. The park is scheduled to open a pilot, 25,000 sq. ft., building in Spring 2010.



Benefits. Companies that locate on campus will realize the following benefits, including but not limited to:

- Availability of students as part-time/temporary workers and a pipeline for future workforce
- Opportunities to collaborate with faculty on advanced and applied research and development projects
- Opportunities to partner with the University in pursuit of grants and contracts
- Access to specialized infrastructure (e.g. bandwidth), equipment / facilities, and seminars/lectures
- Reciprocal purchase/exchange of services and knowledge
- Availability of customized training/courses

Benefits to Cal Poly will include expanded opportunities for faculty development, expanded real-world educational opportunities for students, transfer of new expertise and knowledge to the University, faculty retention and recruiting, particularly in fields with high private-sector demand, and new funding sources for research and development.

Letters of Intent to Lease

The C3RP office is now accepting non-binding letters of intent to lease space in the Technology Park. Please contact Jim Dunning, C3RP Project Administrator at 1-805-756-5551 or by email at jdunning@calpoly.edu. Visit the C3RP website to learn more about the Technology Park and opportunities for industry collaboration: www.c3rp.org.