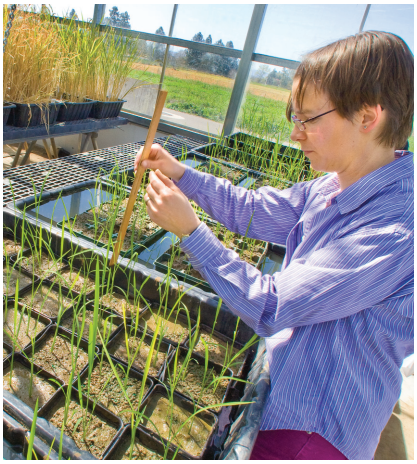
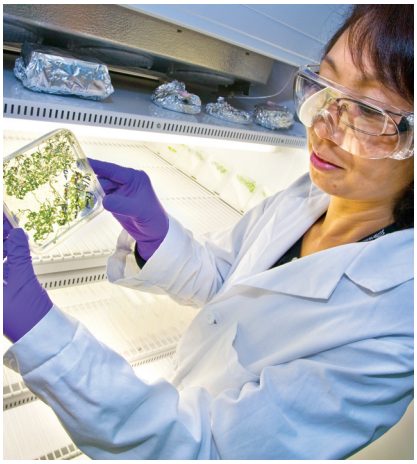
jbei
Joint BioEnergy Institute

U.S. DEPARTMENT OF ENERGY





The Joint BioEnergy Institute (JBEI) is a San Francisco Bay Area partnership led by Lawrence Berkeley National Laboratory, including Sandia National Laboratories, the University of California campuses of Berkeley and Davis, the Carnegie Institution for Science, and the Lawrence Livermore National Laboratory. One of three U. S. Department of Energy Bioenergy Research Centers, JBEI is headquartered in a state-of-the-art laboratory in Emeryville, CA.

Industry Partnership Program

JBEI has launched an ambitious five-year research program focused on converting cellulosic biomass to advanced biofuels in a manner that efficiently uses land and water and reduces greenhouse gases. Success requires fundamental scientific breakthroughs. At stake is nothing less than climate stability and energy security.

JBEI's scientific program is organized into four interlocking divisions: Feedstocks, Deconstruction, Fuels Synthesis, and Technologies. Our scientists have the advantage of working together in a single research facility, and are thus well positioned to address these highly interdependent research areas.

Partnering With JBEI

JBEI partners with agriculture, energy, biotechnology, chemical, transportation and other companies that wish to leverage JBEI's multi-disciplinary expertise and extensive resources. Companies working in the biofuels arena bring an invaluable 'reality check' to JBEI's research, accelerate innovation, and illuminate commercial challenges that may not as apparent from the lab bench. Private industry is also the vehicle to commercialize JBEI inventions and bring them to market.

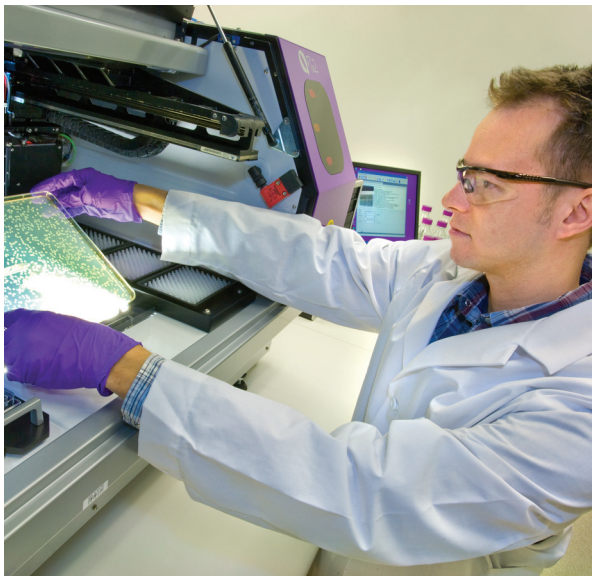
JBEI Strategic and Topical Partners

JBEI Strategic and Topical Partners are leaders in the emerging biofuels industry. These companies collaborate with JBEI to accelerate progress in developing biofuels solutions. They partner with JBEI through sponsoring collaborative research or sponsoring a post-doctoral fellowship. Strategic and Topical research is conducted so that the sponsoring company has the first right to exclusively license any resulting inventions. The cost of Strategic and Topical research depends on the scope and complexity of the particular project. Strategic projects are more wide-ranging and extensive than focused Topical projects.

JBEI Supporting Partners

JBEI Supporting Partners are engaged in the biofuels industry in a variety of capacities. These companies may be startups, established companies moving into the biofuels arena, research institutions, or any company whose strategy and success depends on staying abreast of biofuels innovation. We offer these companies the opportunity to participate in the JBEI community and support biofuels research for a contribution of $20K/year and up for large companies or $10K/year and up for small businesses and not-for-profit organizations.

Sponsored Collaborative Research and Intellectual Property



The most significant way for your company to leverage JBEI's scientific capabilities is to sponsor research of mutual interest to your company and to JBEI. Sponsored Strategic or Topical research utilizes JBEI's multidisciplinary talent and state-of-the-art technology to provide your company with research that might not be possible otherwise or might be far more costly and time consuming to undertake internally. JBEI conducts sponsored research in areas that are complementary to our core mission. Our capabilities provide for research on a wide range of topics related to all aspects of feedstocks, processing, fermentation, technology, specialty chemicals, and economic analysis. Sponsored research is structured so that inventions made jointly by JBEI and the sponsor are jointly owned and the sponsoring company has the first opportunity to exclusively license any intellectual property that results from the research. Our researchers are familiar with and trained in protecting each company's proprietary information.

Named Post-doctoral Fellowships

Strategic and Topical Partners may also direct their partnership contribution to sponsor named fellowships. These fellowships support researchers at the postdoctoral phase of their career and may be arranged for two to three years.

Visiting Industry Scholar Program

You may elect to send company researchers to spend time working side by side with JBEI researchers to receive training in biofuels research protocols and approaches. There is a bench fee for this service.

Industry Partnership Program Benefits

	Supportive Partners	Topical Partners	Strategic Partners
Advance Notification of JBEI Inventions – All partners receive advance announcement of new JBEI inventions, before a broader promotion to the target market. Inventions will not be licensed before full Fairness of Opportunity requirements have been met.	●	●	●
Invitation to JBEI Open House – Join us at JBEI headquarters to learn more about our research program, meet JBEI researchers, and explore how to be a part of JBEI.	●	●	●
Promotion of Company Jobs and Internships – JBEI promotes industry partner jobs and internships to our graduate students and post docs.	●	●	●
Notification of All Publications – All partners are notified when JBEI research is first published and have access to these manuscripts through the JBEI website.	●	●	●
Partners-only Section of JBEI Website – The JBEI website has a password protected section for communicating with our industry partners.	●	●	●
Membership on the Industry Advisory Committee (IAC) – All Topical and Strategic Partners are invited to join the Industry Advisory Committee (IAC). The IAC meets yearly to review JBEI research and provides feedback on commercialization challenges.		●	●
Recruiting Days – JBEI coordinates recruiting days for you to meet and interview graduate students and post docs at JBEI. UC Berkeley and UC Davis graduates are among the most highly recruited researchers in the nation.		●	●
Assessment of Emerging Technologies – You have access to JBEI researchers when you need a technical assessment of an emerging technology. This service leverages JBEI scientists' expertise to guide your investment decisions.		●	●
Customized Strategic Partner Day – Each Strategic Partner is invited to JBEI for a day of seminars and dialog customized to your company's interests and designed to enhance the value your company receives from working with JBEI.			●
Office Space – As a Strategic Partner, you will have a dedicated space at JBEI to hang your hat.			●

As a DOE Bioenergy Research Center, JBEI serves as a crucible for fundamental scientific discovery and innovation. JBEI understands that our scientific advances need to translate into commercially viable technologies, methods, and tools. Our partnerships with industry are a key part of achieving this goal.

Contacts

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DOE Bioenergy Research Centers

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