

Inspired young students trained for your biotech workplace.

Biotech Partners seeks *paid* internships of 6-8 weeks for rising high school seniors in our summer program. Launched in 1993, Biotech Partners (BP) is a highly recognized model for connecting youth who are underrepresented in the sciences to rewarding biotechnology careers. BP provides career technical education through its high school **Biotech Academy**, directly supporting teaching of a hands-on bioscience curriculum, including more than 40 GLP labs and a Summer Internship between Junior and Senior years. BP students are required to complete a rigorous in-classroom year-long approved course of study with a grade of “B” or better. Students receive intensive “wrap-around” services from tutors, and a full time embedded coordinator to ensure that they qualify to participate in the paid summer internship program.

Biotech Partners started as a public-private career technical education (CTE) program for low-income Berkeley High School students. In 1996, it expanded to Oakland Unified School District and grew to serve qualified BP high school graduates in community college through its **Bioscience Career Institute (BCI)** certificate program. We currently

serve 320 students at four high school sites; Berkeley High, Oakland Tech, Antioch High, and San Marin High.



Biotech Partners interns are trained with a hands-on high school curriculum.



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- ✓ **Cell culture:** calculating molar solutions, serial dilution/percent yield, aseptic technique, cell counting and culture maintenance, cell staining, media preparation, aseptic technique
- ✓ **Molecular Biology:** ELISA, bacterial transformation, restriction enzyme digests, Polymerase Chain Reaction (PCR), DNA Electrophoresis, bioinformatics
- ✓ **Chemistry/Biochemistry:** protein assays, chromatography, DNA/RNA extraction, buffer preparation, filtration, distillation, SDS-PAGE protein electrophoresis
- ✓ **Tools & Equipment:** balances, pipettes and micropipettes, hemocytometer, spectrophotometer, pH meter, incubators, electrophoresis equipment, PCR thermocycler, light microscope, micro-centrifuge, water baths
- ✓ **Additional training provided by BP:** GLP, computer skills, career skills (professional comportment, teamwork, communicating effectively), presentation skills

SUMMER MENTORS.

We need you! We are seeking industry partners who can give students uncommon exposure to a broad range of bioscience workplace environments under the supervision of a **mentor**. You provide students an opportunity to apply their learned skills in a *real* workplace, while students provide a valuable opportunity for your staff to practice effective **mentorship** skills in *their own* workplace environment. Our Bay Area industry partners include Bayer Pharmaceuticals, UC Berkeley, JBEI, EBMUD, USDA, Kaiser, XOMA, Libby Labs, CHORI and many others. Here are some of the benefits of participating in our Summer Program:

Industry Mentors Provide

- ✓ Development of the job description and/or work project.
- ✓ Attendance at an orientation on supervising an intern.
- ✓ Supervision to our student interns on the job.
- ✓ Oversight of the development of the intern's industry brochure.
- ✓ Support of the intern to develop their poster to present at BRAVO!

Benefits to the Mentor-Supervisor and Host Company/Institution

- ✓ Receive assistance from interns that have been trained to work in a laboratory setting and will bring value to your workplace.
- ✓ Supportive Biotech Partners staff provide bi-weekly meetings with interns to ensure success of the student-mentor engagement and provide ongoing job-skills and professional development training.
- ✓ Gain personal satisfaction by contributing to youth and community development.

Benefits to Biotech Academy Interns

- ✓ Acquire knowledge of a variety of science-related industries such as biotechnology and research, pharmaceutical manufacturing, green technologies and health care, veterinarian hospitals and government labs.
- ✓ Understand how to prepare for future employment.
- ✓ Obtain hands-on lab and other work-related skills.
- ✓ Build confidence through setting and achieving personal and professional goals.
- ✓ Participants who complete both the high school and community college components are prepared for skilled entry level career-track jobs in the biotech, bioscience, healthcare and other science industries.

Intern Host Commitment:

**8 weeks (June 17--August 10, 2019);
20 hrs/week.**

Employer of Record:

Most industry partners pay intern directly. For organizations that do not have the funding or HR to manage compensation and/or insurances, Biotech Partners can serve as the employer of record (payroll, payroll taxes, worker's compensation, insurance) through our Temporary HR Agency.

Summer Internship Timeline

Commitment Deadline: February 2019
Student Interviews: March-May 2019
Mentor Orientation: May 2019
BRAVO! Celebration: August 10, 2019
(Poster Competition)

For more information, please direct inquiries to:

Dr. Eluem Blyden, Program Manager

eblyden@biotechpartners.org,

Tel: 510.705.7793

Website: www.biotechpartners.org



