

NEW!!!

Biotech Academy Expansion!

Thanks to our Board of Directors, Toyota USA Foundation, TK Foundation, and Genentech, elected-officials, educators, and generous donors like you, Biotech Partners launched its Biotech Academy in two (2) new sites! Our first cohort of 11th Grade Students at Antioch High (AH) and South San Francisco High (SSFH) schools excitedly enrolled into their respective Biotech Academy classes this fall.



South San Francisco High School, Biotech Academy 1/2

"We are thrilled with the expansion and new direction that Biotech Partners has undertaken – bringing more awareness of the biotechnology field and STEM related opportunities to low-income minorities and females" said Caroline Kane, Board President.

Highly experienced teachers, Daniel Nakamura, (SSFH) and Elizabeth "Liz" Terry, (AH) trained with veteran teachers Amy Hansen (retired 2013), Evy Kavalier (retired 2014), Kate Haber (Berkeley High School), and Sadie Skiles (Oakland Technical High School) this past summer. "The new teachers are well prepared to academically instruct and equip our first cohort of 50 students with the biotechnology skills needed for our students to "qualify" for a paid summer internship," said Board Member, Tina Etcheverry.

Biotech Partners' new Program Coordinators, Rosenda "Rosie" Morales, BA (AH) and Jeanine Porzio, BA (SSFH) have also joined the Biotech Partners team to assist teachers with labs and student tutoring to ensure students' academic success. Mabel Brown, ASW, MA will provide the soft professional skills training for placement into the summer internships.

"Academic excellence and wrap around services are front and center to supporting the transformation of the lives of our young people" said, Lynda Gayden, Executive Director.

In Fall 2016, Biotech Partners will be launching to two (2) additional sites, Making Waves Charter School in Richmond and San Marin High School, Novato for a total of 4 new sites.

BRAVO!

Celebrating Summer Intern and BCI Student Achievements

Biotech Partners saluted and honored our 2015 Summer Interns attending Berkeley High and Oakland Technical High schools as well as mentors and BCI graduates. The event's activities kicked-off with a poster competition of 32



"Most Educational" winner LaShawnda

excited summer interns presenting their projects to an esteemed panel of judges of biotech industry professionals, educators, funders, and government representatives. All summer interns competed for the placement of Best Overall Poster, Most Educational Poster, Best Presentation Poster and Most Creative Poster.



"Most Creative" Winner Zoonii

Elisa Stone, PhD, UC Berkeley Cal Teach Chair commented, "I was more impressed than I have ever been on the quality of this year's presentations."

2015 Summer Internships included Bayer HealthCare, UC Berkeley, JBEI, Project Seed/Department of Agriculture, Lawrence Berkeley National Laboratories, Libby Laboratory, Alameda County Crime Lab, Kaiser Permanente, Highland Hospital and Berkeley Dog & Cat Hospital.



"Best Oral Presentation" Winner Makeda



"Best Overall" Winner Alexandria

The competition was followed by Biotech Partners' intern achievement awards, and winners were announced during the ceremony.

Congratulations to BCI Students



Yvonne Leon and Lamarea Johnson for completing the Bioscience Career Institute!





Islam Mugalli Student Profile

Facing many, many challenges and obstacles including eye-witnessing violent crime in his neighborhood, Islam Mugalli, has targeted his goal to become the first member of his family to graduate from high school. Islam, student at Oakland Technical High School, completed his Summer Internship at Highland Hospital. A few of Islam's words...

"My Summer Internship has been one of the greatest things that I've yet to

experience in my life in America. As an immigrant, I thought my opportunities were limited. It has helped me achieve so many great things that I never even dreamed of doing -- like watching 8 individual females give birth to a child through a surgical procedure called a Cesarean or better known as a "C" Section and working side-by side with medical staff.

I have gained and developed so many good skills -- networking, being organized, communicating, and being a part of a team.

I also learned so many valuable lessons that supported my growth as a person, for example, understanding the vital importance of being on time; extending kindness and compassion to others while understanding and respecting other's opinions.

And, the most valuable lesson, I learned through my summer internship experience is to believe in myself and my talents, skills and abilities because where I emigrated from there is no hope for people like me.

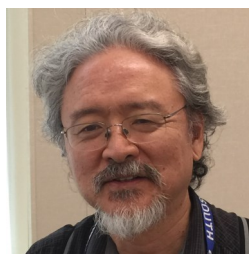
I have met so many people that have made a powerful impact on my life by showing me what it's truly like to love your job and have a happy life.

I'm thankful to the Biotech Partners staff, for making this Internship possible for me and others because without Biotech Partners we would not have had this opportunity."

Biotech Partners Salutes Current and New Teachers

Successful education begins with excellent classroom instructors. Biotech Partners' high school Biotech Academy (BA) instructors at our partner schools possess the academic experience, knowledge, ability and dedication that helps participating students achieve rigorous academic goals and reach their personal potential to pursue careers in the biotech and other STEM related fields. As of Fall 2015, Biotech Partners collaborates with four (4) high schools, 4 outstanding teachers and provides three (3) Program Coordinators and two (2) Teaching Assistants/Tutors to implement the hands-on biotech curricula in a relevant and interactive method that makes the Biotech Academy an award-winning program.

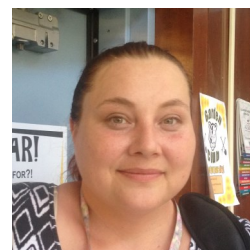
Nick Pleskac spent over 5 years in biotech research at the University of Columbia's Department of Molecular Medicine. Mr. Pleskac co-authored four (4) papers that were published in scientific journals. Mr. Pleskac joined a small high school in Oakland before joining the Berkeley High School (BHS) staff in 2006. In 2011, Mr. Pleskac became the co-lead teacher of the International Baccalaureate Small School at BHS. Mr. Pleskac joined the Biotech Academy teacher's team at BHS, instructing Biotech 3/4, seniors. We are excited to have him as part of the team and he has already made an impact on the students' learning.



Daniel Nakamura, lead Biotech Academy teacher, South San Francisco High School (SSFHS), brings an extensive background in STEM to the classroom. His California Secondary Teaching Credentials include Mathematics, Chemistry, Biology, Geosciences and Physics. Academics/self renewal includes Bioinformatics

Certificate (UCSC-Extension, 2004), MS Communications (George Washington University, 1994), BA Mathematics (CSULA, 1984). Stepping into the role of SSFHS Biotech Academy lead teacher is both an honor and challenge.

Elizabeth "Liz" Terry is a dedicated High School teacher who has spent the past 11 years instructing students in Oakland, and Antioch, CA. Ms. Terry, graduating Magna Cum Laude from San Jose State University, has focused on biotechnology as part of her regular biology class for several years. Ms. Terry brings years of dedication to rigor, relevance, and relationships to every class she teaches. She is super excited to be teaching Biotech Academy 1/2 and can't wait to see the fabulous places her student cohort will go!



Your Donation Can Be Doubled!!

Donate by October 31st and our corporate sponsors will match your donation dollar for dollar! To donate, visit www.biotechpartners.org, or send a check payable to Biotech Partners to:

**P.O Box 2186
Berkeley, CA 94702**



Kate Haber, very sought after teacher by the students at Berkeley High, has been teaching over 20 years, 15 years at Berkeley High School, and the Biotech Academy since 2012. She earned her B.S. in Molecular Biology at University of California Berkeley and before discovering her passion for teaching, she worked for the California Public Health Department.

Sadie Skiles, prior to joining the field of education, worked in various research positions for over five (5) years at Colorado State University. Sadie's goal for teaching and learning at Oakland Technical High School are to hold students to high standards and give them the support they need to achieve them. Ms. Skiles earned her B.A and Secondary Science Educator License from Colorado State University and holds a California Clear Single Subject Credentials in Biological Sciences (Specialized) K-12 and Foundational-level General Science, K-12. Ms. Skiles has taught Biotech 1/2 for Juniors since 2013. Her skill and talent for motivating students to learn supports her overall objective to contribute to the increase in the science literacy of the next generation.



Charles Brown, Biotech Academy 3/4 teacher at Oakland Technical High School since 2012 had a very successful career as a chemical engineer prior to entering the teaching profession. Teaching science for over 11 years, Mr. Brown uses his sophisticated chemistry knowledge to make "homemade" chemicals and inspire students by lighting things on fire!

Mentors Rock!

Mentors are a pivotal support for our students to embrace their internship experience and gain the self-confidence to apply their learned skills within the workplace environment. All students couldn't say enough about the wonderful mentors they experienced while moving through their internship this past summer. The mentors had a profound impact upon the students' lives



Outstanding Mentor Mike Britton, with intern Daniel

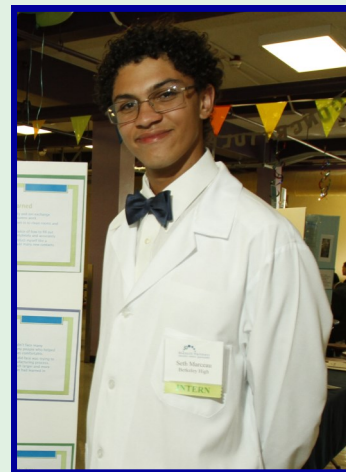


Outstanding Mentor Michael R Brown, with interns Alexandria, Troy, & Ashlee

-- providing the professional guidance and going the distance and beyond -- to ensure the successful completion of the student's internship. Of special mention by the students were Michael Brown of Kaiser Permanente and Mike Britton of Bayer HealthCare.

Seth Marceau Student Profile

"This summer I was an intern in the Purification Department at Bayer Healthcare Berkeley site. I have had a blast at this internship. The thing I loved most about the internship is I actually had a chance to put the knowledge I learned in class to work. This isn't something that usually happens for me in school so I am very thankful for the opportunity.



Before I go on I have to admit I haven't always been the best student.

For many years I was a class clown who had difficulty focusing on homework and I didn't understand the importance of school. A year ago, I certainly never thought that I would be standing at BRAVO! sharing my story of academic success.

This last year that all changed with Biotech Partners.

To receive the privilege to have an internship through Biotech Partners I had to work hard, which is something I'm not particularly familiar with. In the beginning, I thought it was impossible! I thought that I could never possibly get a grade of "B" in my subjects; however, I constantly worked at it with my classmates help and the support of my teacher, Ms. Haber and the Biotech Partners staff, Mr. Chamroen Eng, I pushed through.

I also have gained lab exposure and thoroughly enjoyed it. My internship has been a valuable experience and I will always be grateful for Ms. Haber, my mentor, Criselda Thorne, and the Biotech Partners staff for making this experience possible for me."

Biotech Partners' student wins Bayer Scholarship

Congratulations to Jennifer Carrillo-Hernandez, Bioscience Career Institute (BCI) student! Jennifer was awarded one of this year's four Bayer Junior Board Scholarships. Currently attending colleges within Peralta Community College District and holding a co-op at Bayer Health Care US Innovation Center at Mission Bay, Jennifer, upon completion of her BCI certification, plans to major in Psychology. Jennifer is a first generation college student.



Fall 2015 Matching Grant Campaign

Sartorius-Stedim has pledged \$10,000 as a challenge grant to Biotech Partners to match dollar for dollar what we raise from our volunteers and friends like you.

This Fall, Biotech Partners launched its Biotech Academy to two (2) new sites – South San Francisco High School (San Mateo County) and Antioch High School (Contra Costa County). The first cohort of 50 students were full of excitement and anticipation entering their first Biotech Partners' Biotech Academy classes. Teachers and Biotech Partners' Teaching Assistants and Tutors are providing in-classroom support in addition to our program staffing of wrap around services to ensure the academic achievement of the students. The students strive to qualify for a paid summer internship and initiate a career within the biotechnology field and STEM. Our long-standing Biotech Academy at Berkeley High and Oakland Tech classes are filled to capacity with new and enthusiastic continuing students totalling 106.



And we need your help!!

Timing is critical! We are looking to reach our goal of raising \$35,000 by October 31st to help defray the expense to our expansion efforts. Each dollar of your donation will be matched by visiting us at BiotechPartners.org, or by sending a check to:

Biotech Partners
P.O. Box 2186
Berkeley, CA 94702

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