



County of Marin Community Service Fund Program Application Form

Application Date September 30, 2020

Fiscal Year July 1, 2020 - June 30, 2021

Organization Information

Full Legal Name: Biotech Partners

Organization URL: www.biotechpartners.org

Mission/purpose of your organization:

BP provides underserved youth with personal, academic & professional development experiences that increase participation in higher education & access to fulfilling science careers. BP believes:

- “at-promise” youth, particularly low-income youth-of-color historically marginalized from STEM careers, can become contributors to our region’s burgeoning bioscience industry if given culturally relevant support.
- regional bioscience careers offer these youth both a meaningful motivation to succeed in postsecondary education & a pathway out of intergenerational cycles of socio-economic hardship.
- in order for “at-promise” youth to succeed, they need engaging academic content linked to “real world” relevant content & exposure to college & career options, as well as extensive academic & wrap-around social-emotional support their affluent peers receive from families & communities.

BP serves ~52 11th-12th graders at San Marin High (24% from BP demographic) & ~309 across the Bay Area.

Grant Request Information

Program/Project Name: Planning for Biotech Partners' Biotech Academy Expansion to San Rafael High School

Summary of how County funds would be used for project:

Funds will be used to pay a part of the staff time needed to establish a San Rafael Biotech Academy including training teachers, identifying a San Rafael High Program Coordinator as well as new internship opportunities.

Amount Requested Dollar: Funds will be used to pay a part of the staff time needed to establish a San Rafael

Total Project Cost: \$15,500.00

Description of the proposed project/program, including the proposed project's goal(s), and the nature of the costs in specific terms, i.e. materials, labor costs, etc. Specifics of how the requested County funds will be used.

After three successfully years at San Marin High School, BP seeks to expand to San Rafael High School to bring our Biotech Academy program preparing low-income youth-of-color and young women for bioscience careers to more Marin students.

BP’s Biotech Academy Program includes:

- 1) BP’s industry-informed & regularly updated 11th-12th grade curriculum with 3 labs/wk. ~5 hrs/wk
- 2) Paid & mentored bioscience internships. Students earn city minimum wage across 160 hours in summer job training as rising 12th graders.
- 3) A BP Program Coordinator (PC) in classrooms providing 1:1 & small group student support, biotech, & algebra tutoring & teacher support.
- 4) Guest presentations by scientists, financial managers, motivational speakers, health & HR specialists.
- 5) Individual college planning, application & career guidance.
- 6) “Wrap-around” services to help students overcome the prevalent hardships (e.g. behavioral health interventions, mentoring, clothing & transportation stipends & active referrals to social&/or health services).

BP seeks funding to support staff timing in planning an expansion to San Rafael High School, based upon conversations with Principal Glenn Dennis. Based on BP’s expansion experience growing from two legacy, and adding three new schools in total, two of which still have Biotech Academy programs, we have learned it takes a year to plan and prepare for implementation, to secure funding, to train teachers and to develop internship host relationships necessary to support new student internships. BP staff time of our Executive Director and our Program Manager will be spent on these activities, as well as on introducing the Biotech Academy program to San Rafael

High School students and hiring a Program Coordinator who will be dedicated to serving San Rafael High hopefully in-person, but remotely if need be.

List of all community interests that will be affected by the proposed project/program and the public benefit to be derived from it:

As the COVID-19 pandemic upends American life, three things remain clear: the importance of bioscience to our global future, the need for more workers in this area, and the need to support our students who come from among the most disadvantaged populations. Additionally, Covid-19 has had a disproportionately brutal effect on lower-income populations of-color, and in Marin, specifically on Latinx people from San Rafael's Canal area. According to Marin County's Public Health Officer "the Canal has a positivity rate of 20% -- a number roughly three times higher than Marin County's average."

San Rafael High School is 66% Latinx, 24% English as a second language (ESL) and 62% low-income. Additionally, historically San Rafael High students have not fared well in STEM classes. For example, in 2018-19, among BP's target population of socio-economically disadvantaged students, 80% of students failed to achieve proficiency on the California Science Test.

However, based on our experience, Biotech Partners believes that these students have both the ability and motivation to engage with science if given guidance, context and the incentive of paid internships which as of summer 2020 BP is now able to offer remotely in partnership with BioMarin.

In bringing our program to San Rafael High for the 2021-22 school year, BP will be creating an on-ramp into post-secondary education and bioscience careers that would be unthinkable to many of our students prior to joining the program. Additionally and importantly, BP will be contributing to the creation of a local workforce as Marin seeks to expand its bioscience industry sector.

The total amount received for the past three fiscal years:

Year	Amount	Project
2019 - 2020		
2018 - 2019	\$4,000.00	internships at the Buck Institute
2017 - 2018	\$2,500.00	identifying and securing internships in the bioscience industry

No County funding was received for this project or others.

Project/program can be completed if amount received is less than requested amount of Community Service funds.

Applicants are encouraged to leverage funding from other non-County sources, and priority will be given to requests that represent no more than 50% of total project cost. To demonstrate all sources of project funding, including other County sources, please provide a project/program budget below. Please fill in as applicable, and round to the nearest dollar.

Project Funding Sources	Funding Agency	Funding Requested	Received	Notes
County CSF		\$4,000		
Federal Grant				
State Grant				
Individual Contributions		\$0		
Other Local Agencies		\$0		
In kind services				
Other	Foundations	\$11,500		<i>Miranda Lux Foundation</i>
Total Sources		\$15,500		
Project Expenses		Budgeted	Spent to Date	Notes
Personnel Costs		\$15,500		<i>Exec Director - .075FTE, Program Manager - .10FTE</i>
Services and Supplies				
Capital				
Other				
Total Expenses		\$15,500		