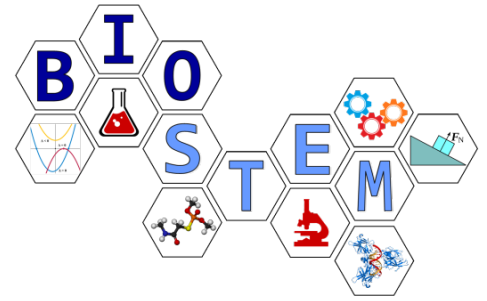




BioSTEM Clubs



The Center for Excellence in Education (CEE) has served teachers and students in the U.S. and from nations around the world for nearly 35 years with a mission to nurture high school and university scholars to careers of excellence and leadership in STEM. As the STEM job market continues to grow, supporting underserved youths' STEM education towards a STEM career is critical to their life-long success and that of industries and disciplines across STEM fields. CEE's BioSTEM Clubs strive to empower underserved students to achieve educational and career success in STEM fields. Clubs will explore STEM careers and develop the skills necessary to pursue STEM careers through cost-effective activities that meet the specific needs and interests of individual clubs.

What makes BioSTEM Clubs unique?

BioSTEM Clubs are not just biology clubs; they are interdisciplinary units across STEM and biology, including biotechnology, environmental science, engineering, and health disciplines.

BioSTEM Clubs will explore STEM careers, educational paths, cutting-edge research, and STEM skills through a variety of high-quality activities that are easy to implement. BioSTEM Club students and teachers have direct access to researchers at prestigious Virginia institutions that are committed to engaging students in exciting STEM experiences. Additionally, CEE will work to cultivate partnerships with the local STEM industries and community organizations to further enrich club activities.

BioSTEM Clubs also provide students and teachers with an activities calendar and resource listings that highlight free and low cost STEM enrichment programs, events, competitions, regional research symposiums, paid research opportunities and scholarships—many specifically targeting underrepresented minorities—and local STEM events. Last year, BioSTEM Club students applied for research opportunities through the DoD, NIH, American Chemical Society, and American Meteorological Society and participated in activities through the Army Educational Outreach Program.

Participants

BioSTEM Clubs work with high school students and teachers at underserved schools in the Commonwealth of Virginia. CEE strives to make STEM opportunities accessible to all students, regardless of socioeconomic and geographic barriers, and help all students discover their STEM potential.

Students are selected using criteria including interest in STEM, teacher recommendations, completion of STEM coursework, and grade point average.

Profile of 2016 – 2017 BioSTEM Club Schools		Profile of 2016 – 2017 BioSTEM Club Students	
10	Participating Schools	82%	Underrepresented minorities
1	Eligible for Title I funding	52%	Qualify for Free/Reduced Lunch
7	Adjusted Underserved schools	28%	1 st generation college bound
3	Rural schools	100%	GPA ≥ 2.5
6	Schools with >60% URM enrollment	71%	GPA ≥ 3.25

For more information about BioSTEM Clubs, visit <https://www.cee.org/biostem-clubs> or contact Kim Edwards at kedwards@cee.org or (703) 448 – 9062, ext. 230