



University of New Hampshire

Project SMART Summer Institute – 2018 (Science and Mathematics Achievement through Research Training)

Come Celebrate the 27th Year of Project SMART with us!

(Visit www.smart.unh.edu today)

We, at the University of New Hampshire are pleased to announce the availability of funding (**scholarships**) for participation of talented and deserving high school STEM oriented students in our Project SMART (Science and Mathematics Achievement through Research Training) Summer Institute-2018 (camp) at UNH. The summer the program runs from July 1 to July 27, 2018. Please encourage your students to apply for the summer program at the University of New Hampshire. The rolling admission allows the student to apply early and get a seat confirmed for the module of his/her choice.

Project SMART program challenges, educates, and motivates talented high school students in science and mathematics. The program is open to high school students who are currently enrolled (or home schooled) as sophomores and juniors. We offer three modules: Biotechnology & Nanotechnology, Marine & Environmental Science, and Space Science, each admitting up to 25 students. The participants study advanced topics in different fields of science through lectures, discussions, hands-on laboratory experience, and field trips; and learn to do research with UNH faculty. The Summer Institute is an excellent opportunity to learn the interdisciplinary nature of the various scientific fields and the applications and implications (economic, social, environmental, legal, ethical and moral) of recent scientific advancements to society. In addition to learning/doing science, the students gain a greater appreciation for careers associated with the various sciences and establish friendships with their peers, and mentoring relationships with the UNH faculty. The students come from across the US (as far away Alaska and Puerto Rico) and from Greece and Turkey as well.

SCHOLARSHIPS ARE AVAILABLE TO SUPPORT THOSE WHO MAY NEED FINANCIAL HELP

We request you to spread the word to your students and colleagues about the program. We'll make every effort to provide the needed support to students from low-income, minority, under-represented and under-served, first generation college-bound, and other groups who would add to cultural and racial diversity of the program.

Salient Features of Project SMART

- The group of participants is highly talented and includes those who have already shown interest and aptitude in sciences.
- The group is highly diverse, and includes a significant proportion of participants from minority, underrepresented, economically disadvantaged, and rural as well as inner-city environs within the US (from Alaska to Puerto Rico and in between) and several other countries (Greece, Turkey, Jordan, Kazakhstan).
- Project SMART is a residential program. The students stay in UNH dormitories. Over the weekends they participate in special programs like: visits to the Boston Museum of Science, the New England Aquarium, a whale watching trip to the Ocean, the top of Mt. Washington by Cog railway, Long Term Experimental Forests, the local malls and the movies, etc., which also enhance social interaction among the students. What a way to get connected to your peers. Weekend stay for local students is optional.
- On the final day of the program, students present a scientific poster at a three-hour long session, which is attended by more than 200 students, faculty, teachers, parents, UNH administrators and invited guests.