The Summer Science Program (SSP) is seeking innovative research projects and associated curricula in genomics / bioinformatics, to expand its successful residential program for exceptionally gifted high school rising seniors. Author(s) of the winning curriculum will receive a $2,500 SSP Curriculum Prize, and funding to test and potentially pilot the winning project.

This competition is a unique opportunity for an educational innovator to build upon SSP’s six decades of excellence. “We are open to ideas from anyone,” said Dr. Amy Barr Mlinar, SSP alumna and Chief Academic Officer. “We are looking for projects that are much more challenging and exciting than the typical science lab course. What matters most is that participants do hands-on, team-based authentic research, with each team taking and analyzing data on its own novel target. They should gain a visceral understanding of what being a scientist really feels like.”

Proposal summaries are due by May 31, 2019. Find detailed criteria and submission instructions at:

SummerScience.org/newcurriculum

The prestigious Summer Science Program is a 39-day residential program that attracts over a thousand applicants from around the world. Its mission is to provide highly motivated and academically gifted high school students (rising seniors) with an intensive immersion in interdisciplinary, collaborative research. The program accelerates participants' intellectual and social development and raises their aspirations for college and career. Alumni go on to enroll at top universities with many becoming STEM leaders, teachers and innovators with significant impact on their chosen professions. A testimony to the program's effectiveness is the fact that it is managed and largely funded by its alumni. Few opportunities have been demonstrated to provide such a transformational experience for gifted students.

SSP operates as an independent educational non-profit, in cooperation with affiliates California Institute of Technology, Massachusetts Institute of Technology, and Harvey Mudd College, and host campuses New Mexico Institute of Technology, Purdue University, University of California San Diego, and University of Colorado Boulder.