UC SANTA BARBARA

THE Current

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Summer Study

Students from 15 summer programs participated in the 2016 Summer Undergraduate Research Colloquium on Aug. 11, at UC Santa Barbara's Corwin Pavilion. About 150 undergrads presented posters outlining their research projects.

Avi Loschak, pictured, is from Problem-based Initiatives for Powerful Engagement and Learning In Naval Engineering and Science, a project that exposes veterans and underrepresented community college students to civilian science, technology, engineering and mathematics (STEM) careers in the Navy. Loschak worked with two mechanical engineering students from community colleges, mentor Tony McFadden and supervisors from the Navy's public works department to determine how much renewable energy the Navy could add to its existing grid without diminishing reliability or compromising mission success and — most importantly — without requiring further engineering.

Other programs with participating undergraduates include the AIM Photonics Research Apprenticeship Program for Community College Students and Undergraduates; the California Alliance for Minority Participation Summer Research Apprenticeships; Cooperative International Science and Engineering Internships; Early Undergraduate Research and Knowledge Acquisition; the Edison Scholars Program; Future Leaders in Advanced Materials; the Gorman Scholars Program; Internships in NanoSystems, Science, Engineering and Technology; Maximizing Access to Research Careers Undergraduate Student Training in Academic Research Program; the McNair Scholars Program; Network Science Integrative Graduate Education and Research Traineeship; Mathematics Summer Research Program for

Undergraduates; and University of California Leadership Excellence through Advanced Degrees.

About UC Santa Barbara

The University of California, Santa Barbara is a leading research institution that also provides a comprehensive liberal arts learning experience. Our academic community of faculty, students, and staff is characterized by a culture of interdisciplinary collaboration that is responsive to the needs of our multicultural and global society. All of this takes place within a living and learning environment like no other, as we draw inspiration from the beauty and resources of our extraordinary location at the edge of the Pacific Ocean.