SUMMER SCIENCE SPLASH 2022

Are you the parent or grandparent of a middle-school student interested in science? Register today for Summer Science Splash Camp @Eckerd!

Summer Science Splash is a week-long residential summer camp funded by the II-VI Foundation and hosted by Eckerd College.

Students spend their days in the college's $25 million, state-of-the-art James Center for Molecular and Life Sciences performing a variety of science experiments with the latest hi-tech equipment while working closely with Eckerd College science faculty, certified science teachers, and Eckerd College students majoring in the sciences. Students spend their evenings participating in games, watching movies, contributing to team activities and more.

SUMMER 2022: THERMODYNAMICS, SYMMETRY AND COMPLEXITY

Summer Science Splash Camp students will make cold water boil, build fractals, observe flames without burning, and synthesize inorganic molecules. The science of these systems deals with a huge number of particles, is driven by thermodynamics (the study of energy and heat), and requires a way to describe complexity.

Lab Activities Include:

- **Calorimetry and Phase Changes:** Measuring the heat of chemical reactions and changes in states of matter
- **Turbulent Flow and Fractals:** Chaotic movement and never-ending patterns
- **Exothermic/Endothermic Reactions:** Chemical reactions with lots of heat and energy
- **Entropy and Randomness:** Measuring order/disorder

STUDENTS MAY APPLY FOR ONLY ONE SESSION. SPACE IS LIMITED.

---

1 Session I: June 19-24, 2022
Session II: June 26- July 1, 2022

Students entering 7th, 8th, or 9th Grade in Fall 2022

$ **$650** per student. Cost includes: participation in all science labs and activities, use of college recreational facilities, meals, lodging, snacks and camp T-shirt

! Scholarships:
Partial need-based scholarships are available. Apply during registration. A $100 scholarship deposit is required to reserve space in the program.

? Courtney Smith
Exec. Dir. Continuing Education
727.864.8312
summerconferences@eckerd.edu

(i) Info & Applications:
www.eckerd.edu/science-splash

ECKERD COLLEGE