



TEACHER RESEARCH ACADEMY

The Teacher Research Academy offers middle school, high school, and community college faculty a unique professional development experience free of charge at Lawrence Livermore National Laboratory. Continuing education credits are offered through CSU Chico.



UNDERSTANDING ENERGY TECHNOLOGY

June 15-16, 2026
8:30 am – 4:30 pm

Learn about innovative energy technologies. This hands-on experience will provide engaging tools, lesson plans, and interactive demonstrations to bring topics like energy, battery storage, and sustainable power solutions to life.



DRONE DESIGN & APPLICATION

June 18-19, 2026
8:30 am – 4:30 pm

Explore drone development for engineering, science, and computer science classes. Inspire students with STEM concepts like coding and aerodynamics, and transform your classroom into a hub of innovation and creativity!



ARTIFICIAL INTELLIGENCE (AI) FOR THE CLASSROOM

June 22-23, 2026
8:30 am – 4:30 pm

Become familiar with AI tools and build confidence to apply these to a range of tasks such as improving subject matter knowledge, creating content for lessons, designing assessments, and assistance with communications.



DATA ANALYTICS FOR STEM LABS USING AI

June 25-26, 2026
8:30 am – 4:30 pm

Participants will use artificial intelligence (AI) tools with natural language prompts to analyze experimental data in life sciences, physical sciences, and engineering, performing computations without programming skills.