

# **Lake County Healthcare Education Innovation and Simulation Center**

**Project Title:** Lake County Healthcare Education Innovation and Simulation Center

**Lead Applicant:** Lake County Economic Development Corporation

**Collaborator(s):** Adventist Health, Hospital Council of Northern and Central California, Lake County Economic Development Corporation, Lake County Government, Lake County Office of Education, Lake County School Districts and CTE Programs: Konocti Unified School District, Lakeport Unified School District, Upper Lake Unified School District, Kelseyville, Unified School District, Lake County Tribal Health Consortium, Mendocino Lake Adult & Career Education (MLACE), Mendocino-Lake Community College District, Mendocino Office of Education, Motherwise, Partnership Healthplan of California, Redwood Coast K16 Educational Collaborative, Sonoma State University, Sutter Health, Workforce Alliance of the North Bay, Woodland Community College.

**Project Phase:** ☒ Exploratory ☐ Last-mile

**Region(s) Served:** Lake and Mendocino Counties

**Location of Headquarter:** N/A

**Primary Sector:** Health and Caregiving

**Secondary Sector:** N/A

**Project Summary (~250 words):**

The Lake County Healthcare Education Innovation and Simulation Center (LCHEISC) is dedicated to enhancing healthcare education and workforce development in Lake County. The center will offer advanced simulation facilities, work-based learning, and community health programs, focusing on three key areas: the SPARK Program for young students, Healthcare Workforce Development, and Community Outreach. This initiative represents a major

investment in the region's health and education, preparing future healthcare professionals and promoting community wellness.

The SPARK Program (Students Promoting Awareness of Real-World Knowledge) introduces students in grades 4-8 to healthcare careers through hands-on experiences aligned with California's Science Standards. Serving 4,500-6,000 students annually, it includes interactive simulations, guided tours, and mentorship from healthcare professionals and high school ambassadors. This early exposure fosters interest in healthcare careers, expanding the workforce pipeline and ensuring equitable access for students who may not have considered the field.

The Healthcare Career Development Pathway provides training for high school students and adults, emphasizing skill-building and certification. Programs include Certified Nursing Assistant (CNA) and Medical Assistant (MA) training for adults, as well as high school pathways like EMT and Patient Care certifications. Professional development ensures current practitioners stay up to date with industry advancements. This pathway is crucial for addressing workforce demands by expanding skill development and centralizing training resources.

The Community Outreach Program enhances health literacy and life-saving skills for residents, with culturally relevant programming to engage diverse communities. It offers health and safety training, including CPR and parenting classes, and provides a collaboration space for industry partners, public seminars, and community health resources. By improving public health knowledge and safety, the program fosters a culture of health and preparedness, advancing community-led solutions for childcare and health equity.