

## About the Speakers



**Janki Patel**

Acting Director of the San Bernardino County Department of Public Health (DPH)

Formerly the Assistant Director, Janki has emphasized prevention, public service, and exceptional customer service in her work. She previously served as the Director of Education and Research at the Center for Health Justice and led the San Bernardino County Children's Network. Janki holds an MPH in health promotion and education from Loma Linda University and a BA in public health policy from UC Irvine.



**Lap Le**

Data Manager, Spatial Analytics, Data, and Epidemiology (SADE)

Lap oversees a multidisciplinary team of GIS analysts, statistical analysts, and epidemiologists. His work leading data analysis, management, and visualization drives evidence-based decision-making in public health. Lap holds an MS in nutrition and epidemiology and a DPH from Loma Linda University, and a BS in physiological science and gerontology from UCLA. He has served as an adjunct professor at CSUSB.



**Andrew Mackey**

GIS Analyst III

Andrew is actively involved in advancing GIS and data modernization practices within public health. He has vast experience developing secure and scalable enterprise GIS workflows, applications, and systems. His work supports field operations, executive decision-making, and public-facing communication. Andrew holds an MPH, an MA in economics, and a BS in applied mathematics, all from UC Riverside.

# ADVANCING PUBLIC HEALTH THROUGH GIS

## Lessons from San Bernardino County

**Monday,  
March 9, 2026**

Dinner: 5:30 p.m.

Talk and Q&A (livestream): 6:00–7:15 p.m.

University of Redlands, Casa Loma Room  
1230 E Brockton Ave, Redlands, CA 92374

GIS is an essential component of modern public health practice, enabling agencies to understand place-based risk, allocate resources effectively, and translate complex data into actionable insights. This invited talk explores how the County's Department of Health (DPH) has embedded GIS, spatial analytics, and data automation in its core operations, moving beyond traditional mapping toward enterprise-scale data integration and decision support.

The speakers highlight how GIS supports diverse public health efforts, including environmental health inspections, community health assessment, animal care services, communicable disease response, nutrition programs, and opioid epidemic response initiatives. They discuss the challenges and opportunities in applying GIS collaboratively within a large public health agency, emphasizing that successful GIS integration enhances operational efficiency, promotes evidence-based decision-making, and improves public health outcomes.



**RSVP by March 5**

**for in-person or virtual attendance:**

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