

David A. Quam, MD
Director, Healthcare Systems Engineering
Clinical Professor of Healthcare Systems Engineering (effective May 15, 2022)
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As a graduate of LMU (1982) I am thrilled to be returning in my role as Director of the Healthcare Systems Engineering program. During my medical career, I served as a front-line primary care family medicine physician and progressed to senior executive level roles in Kaiser Permanente's southern California region, which serves 4.6 million patients.

As Area Medical Director of KP's second largest area, I had the ultimate responsibility for the care of hundreds of thousands of patients as well as oversight of thousands of physicians and employees. Those responsibilities included expanding the range of services by starting new, complex programs such as cardiothoracic surgery, robotic surgery, and complex spine services. They included expanding educational opportunities by opening new residency and fellowship programs. They included providing the best facilities for our patients, physicians, and staff by overseeing over \$1.7B in capital developments, including two new hospitals.

As Assistant Executive Medical Director, I had the privilege of leading KP's Laboratory Care Delivery System, overseeing the incredibly complex laboratory services for all of southern California. Each year we performed around 70 million laboratory tests in support of our physicians and other medical professionals.

Throughout my career in medicine and leadership, my constant refrain was, "how can we create systems to improve quality and safety, enhance the patient experience, and drive waste from healthcare?" It is my great honor to bring my years of experience to the next generation through LMU's Healthcare Systems Engineering program. As the premier Healthcare Systems Engineering program in the US, our graduates will positively influence this field for decades to come.

EXPERIENCE

Chief Medical Officer and Chief of Staff Los Angeles Surge Hospital (LASH)

2020

Los Angeles Surge Hospital was commissioned by Governor Gavin Newsom as an overflow COVID hospital in response to the initial surge in COVID infections. The State of California leased a shuttered hospital in downtown LA and charged Kaiser Permanente and Dignity Health with reopening this facility over a period of less than a month, including ICU and hospital wards, radiology, pharmacy, laboratory, dietary, IT and all other ancillary departments.

- Responsible for overseeing the teams transforming this abandoned hospital into a fully functional licensed and accredited acute care hospital in a period of less than a month
- Responsible for overseeing all of the medical care given to the patients including developing COVID treatment protocols and policies, transfer policies and coordinating with other hospitals, the California Department of Public Health, and the County of Los Angeles

Assistant Executive Medical Director Southern California Permanente Medical Group

2016 – 2019

- Served as CLIA Laboratory Medical Director of Kaiser Permanente's highly complex laboratory system for the entire southern California region, serving over 4 million patients and performing nearly 70 million laboratory tests yearly.
- Provided oversight of Kaiser Permanente's Clinical Genetics program
- Executive sponsor of Kaiser Permanente's Precision Medicine Group and Enterprise Lab Strategy Group
- Member of the Kaiser Permanente Bernard J. Tyson School of Medicine capital planning committee
- Exploration and development of SCPMG's Global Health Initiative with several site visits to Ghana

Area Medical Director and Chief of Staff Southern California Permanente Medical Group

2004 – 2016

- Responsible for the care delivered to 520,000 members in the San Bernardino County area, Kaiser Permanente's second largest area
- Oversight of over \$1.7B in capital projects, including the opening of two major hospitals in less than a year, and several medical office buildings
- Led a major expansion of our educational programs, adding several residency and fellowship programs
- Led a major expansion in clinical services available in the Inland Empire by adding complex programs in cardiothoracic surgery, bariatric surgery, sleep medicine, neurointerventional radiology, complex spine, pediatric intensive care, and neonatal transport

- Developed infrastructure and programs to improve quality, service, access and affordability, leading to consistent 5-Star ratings from Medicare, “A” grades in safety every year from the Leapfrog Group, and a #1 ranking from *U.S. News and World Report* for the market

Physician In Charge **1996 – 2004**
Rancho Cucamonga, Laurel Street, Indian Hill Medical Offices

- Responsible for the day-to-day operations of multi-specialty medical offices

EDUCATION

University of California, Irvine **1991**
M.D.

University of California, Davis **1987**
M.S. – Systemic Physiology

Loyola Marymount University **1982**
B.S. – Biology

ADDITIONAL TRAINING:

University of North Carolina **2006**
Advanced Executive Leadership Program

University of Pennsylvania, Wharton School **2004**
Executive Development Program

Yale University **2003**
Global Health Scholars Program
Hospital Albert Schweitzer, Haiti

VOLUNTEER EXPERIENCE

Ponape Agriculture & Trade School **1983 – 1985**
Madolenihmw, Pohnpei, Federated States of Micronesia

AWARDS/HONORS

Los Angeles Business Journal COVID-19 Response Team Award, Los Angeles, CA – 2020

Keynote Speaker – “Precision Medicine/Genomics: The Unfolding Promise” Boston, MA – 2018

- Invited to address the Employer Innovation Council consisting of senior executives from major employers, including the US Office of Personnel Management

Keynote Speaker – “Laboratory Medicine, By the Numbers” Chino Hills, CA – 2017

- Address to the national laboratory leadership at yearly Laboratory Summit

Final Design Juror – Design Excellence Award, San Francisco, CA – 2015

- Served as juror with industry leaders in healthcare architectural design, evaluating dozens of projects nominated for design excellence

Keynote Speaker – “Healthcare In Evolution: Why Spaces Matter, Why You Matter” Lake Tahoe, CA – 2015

- Address to senior leaders in healthcare facilities design

Nicholas P. Krikes Award for Outstanding Contribution to the Medical Society – 2012

- Presented by the San Bernardino County Medical Society

Final Design Jury Panel – “Small Hospital, Big Idea” Competition – Los Angeles, CA 2011

- Evaluated over 100 design proposals from major architectural firms from around the world

Inland Empire Magazine “Top Doctors” recognition – 2011

PUBLICATIONS

Effect of acute administration of bleomycin on lung fluid balance in sheep. Weidner WJ, Quam DA, McClure DE, DeFouw DO. *Exp Lung Res* 1995 July-Aug; 21(4):617-30.

Recognizing a case of Reye’s syndrome. Quam DA. *Am Fam Physician.* 1994 Nov 15; 50(7): 1491-6

Effect of histamine on tracheobronchial afferent and caudal mediastinal efferent lymph. McClure DE, Quam DA, Weidner WJ. *Exp Lung Res* 1989 Mar; 15(2):199-211