



Academy of Prosthodontics 2025 Annual Scientific Session
The Westin Kierland Resort and Spa, Scottsdale, AZ | May 28-31, 2025

Program Speaker – Michael Reddy, DMD, DMSc

Title

The Future of Academic Dentistry

Abstract

The future of academic dentistry is evolving rapidly. Precision health offers approaches to patient care, allowing for treatments tailored to an individual's genetic, lifestyle, and environmental factors, which will transform clinical practice and educational curricula. The integration of digital technology—such as artificial intelligence and digital imaging redefining how care is delivered, enabling more efficient and accurate diagnostics, remote consultations, and personalized treatment planning. Changing patient demographics, including an aging population and increasing demand of the patient as a consumer oral health will influence the future Academic dentistry is also expanding its role within interdisciplinary healthcare teams, emphasizing the importance of holistic care that connects oral health with overall health outcomes. Lastly, sustainability is becoming a critical focus, both in terms of environment and financial Together, these trends are positioning academic dentistry as a dynamic, responsive, and integral component of the healthcare system, committed to both innovation and societal wellbeing.

Learning Objectives

- Apply precision health and digital technology for personalized, efficient patient care.
- Address diverse patient needs and collaborate across healthcare disciplines for holistic treatment.
- Advocate for sustainability and adaptability in academic and clinical dentistry practices.

Biography

Michael Reddy, DMD, DMSc, serves as dean of the School of Dentistry and associate vice chancellor of Oral Health Affairs at UCSF. An internationally renowned periodontist, Dr. Reddy is a recognized advocate for innovation in dentistry and integrating oral health with overall health care. He serves on numerous boards in the profession and in the community and is the current editor of the Journal of Dental Education. He is actively involved in health care policy and health professional education reform at the national level. Dr. Reddy earned a Bachelor of Science from the University of Hartford, a Doctorate of Dental Medicine from the Harvard School of Dental Medicine, and a Doctorate of Medical Science from Harvard University.