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WEBINAR

DIGITAL HEALTH AND HEALTHCARE INNOVATION

LECTURER

**Thomas M. Maddox, MD,
MSc, FACC**



APRIL

27

TUESDAY
2021

TIME:
12:00 NOON - 1:00 PM

ACCREDITATION

The University of Rochester School of Medicine and Dentistry is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CERTIFICATION

The University of Rochester School of Medicine and Dentistry designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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ABOUT THE PROGRAM

This talk will cover the concepts of innovation and digital health and will provide examples of work in this area, including predictive analytics, digital care, and remote patient monitoring. At the completion of this program, attendees will be able to:

- Define care delivery innovation and digital health
- Apply digital health applications to care delivery

ABOUT THOMAS M. MADDOX, MD, MSC, FACC

Dr. Maddox is the inaugural Executive Director of the Healthcare Innovation Lab at BJC HealthCare and Washington University School of Medicine in St. Louis. The Innovation Lab catalyzes care delivery innovation through research and development. To date, the Lab has developed innovations in predictive analytics in inpatient care, critical care, and palliative care; remote patient monitoring in heart failure, post-operative, and post-partum patients; patient transportation for ambulatory and cancer patients; and voice assistants in inpatient supply chain and pre-operative patients.

In addition to directing the Innovation Lab, he is a practicing cardiologist and Professor of Medicine (Cardiology) at Washington University School of Medicine. He is also an epidemiologist and health services researcher focused on characterization of cardiac care practices, quality, and safety; "learning healthcare systems," which use real-time clinical data to inform high-value cardiology practice and research; and healthcare delivery innovation to achieve high-quality healthcare and outcomes. He has authored more than 230 peer-reviewed publications and received multiple grants exploring optimal strategies of prevention and cardiac risk reduction among cardiac patients.

Previous to his roles at Washington University School of Medicine, he was a staff cardiologist at the Rocky Mountain Regional Veterans Affairs (VA) Medical Center and Associate Professor of Medicine at the University of Colorado School of Medicine. During that time, he served as both associate director and director of a national VA cardiology quality program (CART) to improve the quality and safety of VA cardiac care.

As the chair of the ACC's NCDR PINNACLE Research and Publications committee, he helped to streamline and organize the research efforts of the PINNACLE registry to generate more than 50 peer-reviewed publications that characterized U.S. trends in outpatient cardiac care and opportunities for its improvement. As a member of the NCDR Oversight Committee, his committee advised on the strategic directions of the NCDR program and its suite of cardiovascular clinical registries. He also led the College's COVID Hub, a COVID-19 and cardiovascular disease information repository.

Maddox received his undergraduate degrees in history and economics at Rice University and his medical degree at Emory University. He holds a master's degree in epidemiology from Harvard University. He underwent internal medicine residency training at UT-Southwestern and cardiology fellowship training at Mount Sinai Medical Center. He was also a health policy fellow at the Kaiser Family Foundation and the National Academy of Medicine, both in Washington DC.