ACCE
AMERICAN COLLEGE OF CLINICAL ENGINEERING

2024-2025 Educational Webinar Series

From Early Career to Expert: Empowering the Upcoming Generation CE/HTM Professionals

April 10, 2025

Panelists

Michelle Baquie **Carol Park** **Anna C. Samlik** **Charles Wickens**

ACCE gratefully acknowledges the sponsorship of the 2024-2025 Educational Webinar series by

About the Moderator

Maryam Samiee, MSc. PEng

Clinical Engineering Manager, Shared Health Manitoba

Maryam Samiee is currently a Clinical Engineering Manager overseeing multiple hospitals in Winnipeg. With 16 years of prior experience as a Clinical Engineer serving the province of Manitoba and the city of Winnipeg, she has provided technical management for diverse clinical teams, including Surgery, Anesthesia, Medicine, and Allied Health. Maryam is a Designated Professional Engineer in Manitoba and holds a Master's degree in Electrical Engineering from the University of Manitoba.

Logistics

❖All attendees have their microphones muted during the presentation.

❖Questions to the panelists must be submitted via the "Q&A" feature in Zoom at any time. They will be addressed at the Q&A portion.

❖If there is any urgent issue, please use the "chat" feature to communicate with the host/moderator.

❖Please remember to complete the webinar evaluation after attending. A link will be provided at the end.

Session Description

Join us for an insightful panel discussion on advancing careers in Clinical Engineering (CE/HTM). This session will explore strategies for skill development, personal growth, and effective mentorship to empower early career professionals in the field. Whether you're looking to advance your own career or support others as a mentor, this webinar will provide valuable insights and practical advice to help shape the future of Clinical Engineering/HTM.

About the Speaker

Michelle M. Baquie, MBA, CCE

VHA Deputy Director

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VA | U.S. Department of Veterans Affairs

Michelle Baquie is the Deputy Director of the Veteran's Health Administration's (VHA) Office of Healthcare Technology Management. Michelle holds a Bachelor of Science in Biomedical Engineering from Boston University and a Master of Business Administration from Auburn University. She joined the Department of Veterans Affairs in 2004 as a Technical Career Field Biomedical Engineer at the VA Northern California Healthcare System and then stayed at that facility as a staff Biomedical Engineer.
In 2009 she transferred into the VHA Office of Healthcare Technology Management as a staff Biomedical Engineer. In this role Michelle had the responsibility for leading numerous national programs and initiatives including the Biomedical Engineering Technical Career Field (TCF) program and HTM Professional Development Program.

As the TCF Program Manager she was responsible for the training of over 250 Biomedical Engineers and Biomedical Technician and enjoyed providing them career guidance both during their time in the program and after.

About the Speaker

Carol Park, M.Eng., M.A.

Executive Director, Lower Mainland Biomedical Engineering

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Providence Health Care

Carol Park is the Executive Director of Lower Mainland Biomedical Engineering in British Columbia, one of the largest biomedical engineering departments in Canada, providing services for 27 hospitals across the lower mainland of British Columbia. The biomedical engineering department has over 200 staff supporting approximately 100,000 medical devices.

Carol has over 35 years experience in the healthcare system, in both biomedical engineering and primary and community care. She volunteers with Engineers and Geoscientists BC, the regulatory body for engineering in BC, recently completing a term as the Board President. She is also a board member for the Medical Device Development Centre in Vancouver, BC. Her training includes a Bachelor of Applied Science in Engineering Chemistry from Queen's University, a Masters in Clinical Engineering from the University of British Columbia, and a Masters in Leadership & Training from Royal Roads.

About the Speaker

Anna C. Samlik, MS, CCE

Senior Clinical Systems Engineer

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Anna Cristina is a Senior Clinical Systems Engineer in Northern California with Kaiser Permanente for almost a decade. She is responsible for the strategy and planning of specialized equipment and complex capital projects for Gastroenterology and Sterilization service portfolios. She is responsible for the corporate partnership with UConn and management of Clinical Engineering graduate student internships. Anna Cristina has experience in the strategy, planning and implementation in medical imaging, maternal child health, respiratory and anesthesia specialties and in the initiation of a cybersecurity program for healthcare technology.

Anna Cristina received her Bachelor's Degree in Biomedical Engineering from Boston University and received her Master's Degree in Clinical Engineering from the University of Connecticut.

About the Speaker

Charles D. Wickens, CCE

Section Head, Healthcare Technology Management

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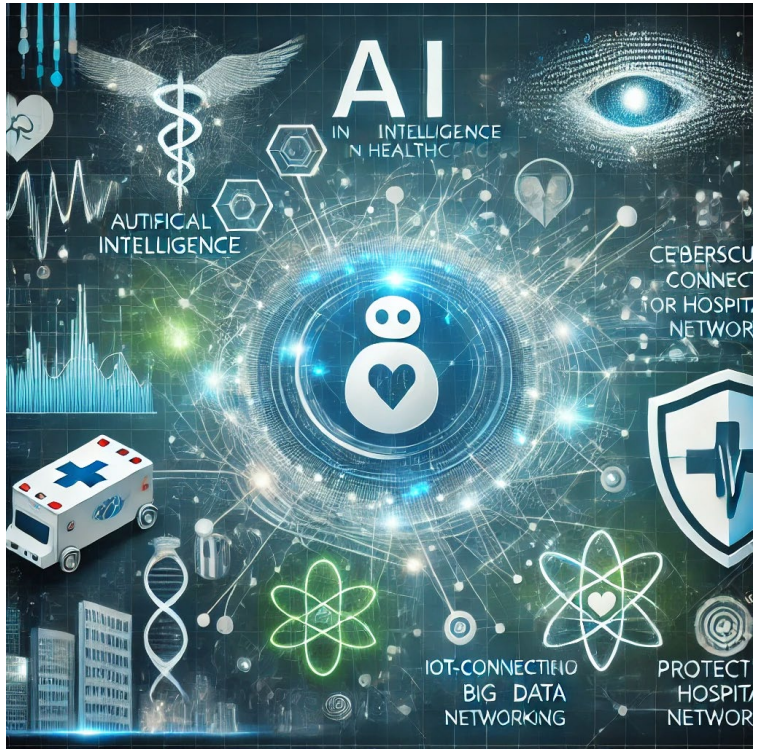
Charles Wickens is a Section Head for the Healthcare Technology Management (HTM) Division at Mayo Clinic, where he oversees all of the healthcare technologies at the Arizona campuses as well as HTM Operations and Lifecycle Management enterprise wide. Charles is a Certified Clinical Engineer and actively involved in local and international engineering initiatives. In addition, he is keenly interested in the evolution of AI-driven applications with an emphasis on clinical and administrative use-cases. With a strong engineering background, he has previously worked in leadership roles at Massachusetts General Hospital and General Electric, contributing to medical technology design, innovation, and adoption. Charles is also a professor at Arizona State University and an advocate for introducing engineering and technology concepts at all age levels including STEM initiatives.

Can you share some critical skill gaps you commonly see in early career clinical engineers, and how can aspiring CEs proactively address these gaps?

What role do mentorship and networking play in career progression for clinical engineers, and how can one find meaningful mentorship opportunities within the HTM community?

In what ways can clinical engineers add value to healthcare organizations beyond their technical expertise, and can they effectively communicate this value to leadership?

The healthcare technology landscape is constantly changing. What strategies do you use to stay current with the new technologies, regulations, and best practices to maintain relevance and adapt over time?



Q5: Looking forward, what emerging trends or technologies do you think will shape the future of clinical engineering , and what should professionals focus on to align their skills with these developments?

How can clinical engineers effectively bridge the gap between technical expertise and leadership?

Thank You

Any question?

Please type your questions to the Zoom Q&A window

Please complete the online evaluation form at
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