MAY 25TH HYBRID EVENT
(virtual and in-person)

2021 Symposium on Sustainability in HEALTH CARE

HEAPY | ACHE of Greater Ohio

You are cordially invited to attend the 10th annual Symposium on Sustainability in Health Care, with a special focus on design as a determinant of health, as well as new and emerging healthcare technology. Join fellow healthcare professionals, facility managers, designers, architects and engineers for a full day of expert insights, education opportunities, and a keynote address from Diana C. Anderson, MD, M.Arch.

Co-hosted by HEAPY and the American College of Healthcare Executives (ACHE), this year's symposium will be a hybrid event, offering both virtual and in-person learning opportunities at Sharonville Convention Center in Sharonville, Ohio.

REGISTER NOW

AM EDUCATION SESSIONS
9:30 - 10:30/11:00 AM

TRACK 1: "Managing for Morale – Effective Management Techniques to Retain Your Staff"
(Approved 1.5 ACHE Face to Face Education Credits* (*Face to Face Education Credits only available for in-person attendees))

Staff retention continues to be a top priority for healthcare executives. This panel will engage senior-level managers to discuss best practices in staff retention and how to build team morale. The panel will be comprised of individuals from various backgrounds and management levels.

TRACK 2: Kettering Health Network – "A Case Study in Campus-Wide Facility Optimization to Ensure Performance for Life"
(Approved 1 AIA LU/HSW, GBCI LEED Specific (BD+C, O+M), ACHE Qualified Credit, PDH)

Without proactive and continuous management, building systems can drift over time and diverge significantly from original design intent, wasting resources and overwhelming facility management personnel. Join HEAPY and Kettering Health Network for a case study examination of a campus-wide energy audit and retro-commissioning project and learn how a comprehensive and strategic approach to managing your facilities can lead to improved patient comfort and reduced overhead costs.

HEAPY provided network-wide retro-commissioning services to Kettering Health Network, encompassing a footprint of 2,685,000 SF across five facilities with a total of 980 beds (including a cancer care center). The project resulted in an annual utility savings of 4,174,000 kWh electricity and 119,400 ccf gas, resulting in an annual savings of $231,000 and $399,951 in energy rebates. Total cost for implementation was $404,000, with a payback of one year. These efficiencies removed approximately 3,218 metric tons of CO_2 from the environment, the, equivalent to burning 3,545,819 pounds of coal or driving almost 8,000,000 miles in an average passenger vehicle.

This presentation will outline a step-by-step process for how to tackle these big issues at your organization, including how to evaluate current facility performance, benchmarking against appropriate targets, prioritizing implementation, and ensuring performance for life.
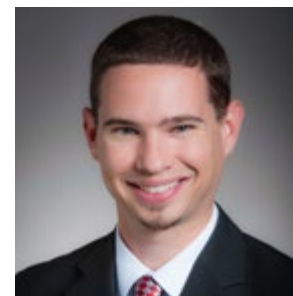
Presenters:

RICHARD HAAS
Senior Vice President,
Ancillary Services
Kettering Health Network

**DARIC HESS,
PE, LEED AP BD+C**
Senior Principal,
Healthcare Practice Director
HEAPY

**RYAN HOFFMAN, PE, CEM,
BEAP, LEED AP BD+C, O+M**
Principal, Building Optimization
Practice Director
HEAPY
(Moderator)

ARCHITECTURAL DESIGN AS A DETERMINANT OF HEALTH

Our understanding of the role the environment plays in shaping health has expanded immensely over the last few decades. A growing body of empirical data and evidence-based design research demonstrates that architecture impacts care delivery as well as health outcomes.

This talk explores built space as an important determinant of health and questions whether the built environment itself should be considered alongside other parameters of care, analogous to our medical interventions. Historical examples of the convergence of hospital architecture and medical practice exist. The design of the tuberculosis sanatorium during the early 20th century illustrates this infrequent intersection; the healthy building emphasizing contact with nature, developed to prevent the spread of contagions. In the context of the COVID-19 global pandemic, we can revisit past models and consider new and sustainable innovations to emphasize infection prevention and control.

It is imperative that we consider a convergence of the healthcare and design disciplines in order to promote novel solutions to augment built environment resilience and subsequently support equitable, safe and efficient care delivery.

**DR. DIANA ANDERSON,
MD, M.ARCH**

REGISTER NOW

TRACK 1: "Crisis Management: Strategies to Effectively Manage a Healthcare Organization"
(Approved 1.5 ACHE Face to Face Education Credits*, 1.5 AIA LU/HSWs, GBCI CEs, PDHs) (*Face to Face Education Credits only available for In-person attendees))

Preparing for an unplanned or unexpected event, such as a natural disaster, pandemic, civil disturbances, medical error or labor disputes (e.g., union labor) causes physical, psychological and emotional stresses that can overwhelm employees, medical staff, patients and communities. In the event of a crisis, the quality and efficiency of care delivery may be challenged, taking a toll on every part of the organization including the facilities. Dealing with the unknown or uncertainty is also a challenge that healthcare leaders face in times of crisis. Healthcare leaders must understand how to prepare their organization for unforeseen circumstances, which includes developing a communication plan, managing organizational resources (e.g., medical supplies), ensuring appropriate levels of patient care, and leveraging local and state resources or funding.

This panel discussion will provide insight and perspectives on ways to manage an unforeseen crisis within the healthcare organization and its community. The topic will include how healthcare leaders can better prepare and respond to a community or healthcare crisis, and prepare for a health surge event or unanticipated facility and resource demands.

TRACK 2: "Power to the Patients: How New Technology is Transforming Healthcare Delivery"
(Approved 1 AIA LU/HSW, GBCI LEED Specific (BD+C), ACHE Qualified Credits, PDH)

The COVID-19 pandemic accelerated the proliferation and adoption of emerging technology in the healthcare industry, transforming patient services and practitioner operations. Augmented reality, enhanced telehealth, artificial intelligence, and wearables are just a few of the topics that will be discussed. Join our panel for a look at the future and discover how new technologies and innovations are personalizing and humanizing healthcare delivery for the better.

Presenters:

BRUCE CLAPP
Vice Chairman/Chief Operating Officer and Chief Marketing Officer, Buffalo Pacific

MAXIMILIAN MAILE
Vice President – Virtual Health Parkview Health System

DR. REBECCA RAMERIZ, MD, MHCM
Affiliate Partner
Healthcare Advisory Network

MIKE FITZGERALD
Vice President
Healthcare Advisory Network
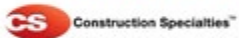(Moderator)

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TriState Society of
Healthcare Engineers

REGISTER NOW

The Symposium will follow all CDC guidelines and State of Ohio mandates to protect the health and safety of in-person attendees. The number of in-person attendees will be limited and max attendance will be set based on State of Ohio guidelines.