

2015

Symposium on
Sustainability
in **HEALTH
CARE**

March 26, 2015
**Sharonville
Convention Center**

Co-Hosted by



WRIGHT STATE
UNIVERSITY

SOCHE

Southwestern Ohio Council for Higher Education

Wright State Health

Heapy Engineering
MEP Design Technology Planning Commissioning Energy
Nationally Recognized Leader in Sustainability



AIA/HSW LUs, GBCI CEUs and PDHs are available

Agenda

10:00 AM - 3:30 PM Networking/Trade Expo

11:30 AM - 1:00 PM Keynote Luncheon

1:00 PM - 2:00 PM Networking/Trade Expo

2:00 PM - 3:00 PM Panel Discussion – Clinical Operations Sustainability

This panel will focus on “greening” the delivery of medical care within a health care institution. These panelists will inspire you with proven, sustainably-based, clinically related strategies that can be readily implemented at your hospital/health care facility.

3:15 PM - 4:15 PM Panel Discussion – Infrastructure Sustainability

Perspectives on sustainability from a building operations viewpoint, which include sustainable strategies addressing energy and water efficiency in new construction and renovation projects and incorporating other “green” concepts will be presented by these panelists.

4:15 PM - 5:00 PM Sponsors Reception

SSHC Co-Hosts

Wright State University

Wright State University is a leading institution serving nearly 18,000 students in an environment focused on achieving learning outcomes through innovative, high-quality programs, conducting scholarly research and creative endeavors, and partnering with the community to transform the region. The Wright State University Boonshoft School of Medicine has become a national leader in generalist medicine and community service. The Wright State University-Miami Valley College of Nursing and Health is committed to excellence in nursing education.

Heapy Engineering

Heapy Engineering, nationally recognized for its leadership in sustainable design, provides MEP Systems Design, Energy, Commissioning, Technology and Planning Services primarily for Health Care, Higher Education, Government and Cultural markets. The firm is involved in over 300 LEED projects—over 50% of certified projects attaining GOLD and PLATINUM certification. Heapy Engineering was the Engineer for the Indu and Raj Soin Medical Center (Beavercreek) and the new \$180 Million Mercy West Hospital (Cincinnati).

SOCHE — Southwestern Ohio Council for Higher Education

Founded in 1967, SOCHE is the organizing body for 22 colleges and universities from 12 counties in southwestern Ohio. SOCHE member institutions reflect the diversity and density of higher education in the region, serving over 120,000 students; having an annual economic impact of \$3.3 billion; and providing jobs for more than 36,000 Ohioans. SOCHE is driven by the vision that Ohio citizens are educated, employed, and engaged.

UC Health

The University of Cincinnati serves the people of Ohio, the nation and the world as a premier, public, urban research university dedicated to undergraduate, graduate, and professional education, experience-based learning and research. UC is committed to excellence and diversity in faculty, staff, and its over 42,000 students. UC Health is the affiliated health system; it is the region's premier academic health system providing complex and advanced specialty care throughout SW Ohio, Northern Kentucky and SE Indiana.

Sessions and Panelists

Keynote Luncheon Speaker • 11:30 am - 1:00 pm

Welcoming Remarks

Hunting W. Brown, Director of Sustainability, Wright State University

Marc Feldman, Supply Chain Manager, External Relations, UC Health

Introduction of Keynote Speaker

Michael Berning, PE, CEM, LEED AP BD+C

Director of Sustainable Design, Heapy Engineering



Richard (Dick) Jackson

MD, MPH, FAAP, Hon ASLA, Hon AIA

Dick is a Professor at the Fielding School of Public Health at the University of California, Los Angeles. As a pediatrician, he has served in many leadership positions in both environmental health and infectious disease with the California Health Department, including the highest as the State Health Officer. For nine years he was Director of the Center for Disease Control's National Center for Environmental Health in Atlanta and received the Presidential Distinguished Service award. In October, 2011 he was elected to the Institute of Medicine of the National Academy of Sciences.

While in California he was instrumental in conceptualizing laws to reduce risks from pesticides, especially to farm workers and to children. While at CDC he was a national and international leader, including leading the federal effort to “biomonitor” chemical levels in the US population. He has received the Breast Cancer Fund's Hero Award, as well as Lifetime Achievement Awards from the Public Health Law Association, and the New Partners for Smart Growth. In October, 2012 he received the John Heinz Award for Leadership in the Environment.

Dick Jackson co-authored two Island Press Books: Urban Sprawl and Public Health in 2004 and Making Healthy Places in 2011. He hosted a 2012 public television series, Designing Healthy Communities, which links to the J Wiley & Sons book by the same name. He has served on many environmental and health boards, as well as the Board of Directors of the American Institute of Architects. He is an elected honorary member of both the American Institute of Architects and the American Society of Landscape Architects.

To Our Attendees

Thank you for attending the 5th annual Symposium on Sustainability in Health Care. The co-hosts of SSHC-2015 hope what you learn at today's symposium will assist you in integrating sustainable strategies into your everyday approach to health care.

—Wright State University, Heapy Engineering, SOCHE, UC Health

Sessions and Panelists

Panel Discussion • 2:00 - 3:00 pm

– *Clinical Operations Sustainability*

Introduction of Panelists

Sean Joseph Creighton, PhD, President
Southwestern Ohio Council for Higher Education (SOCHE)

Panel Moderator

Michael Berning, PE, CEM, LEED AP BD+C
Director of Sustainable Design, Heapy Engineering



Doug Bradley, Director, Culinary Operations and Sustainability
ARAMARK Healthcare, Cleveland Clinic
Cleveland, OH

Doug provides direction and oversight of the culinary and sustainability operations at this flagship 12 hospital system with over 3,500 beds. He is responsible for the culinary program, quality assurance and food safety program planning, development and implementation. He was involved in instituting the Cleveland Clinic Culinary Council.



Kay Winokur, RN, MSA, LEED GA
Vice President, Quality and Professional Services
William Beaumont Hospital
Royal Oak, MI

Kay has over 30 years of experience as a registered nurse, has a Master's degree in Health Care Administration, and is certified by the American Society for Quality as a Six Sigma Black Belt. Kay is a credentialed LEED Green Associate by the Green Building Certification Institute. Kay is the 2013-2015 chairperson of the Michigan Health and Hospital Association: Michigan Green Healthcare Committee.



Charlotte Wallace, RN, Sustainability Coordinator
Anne Arundel Medical Center
Annapolis, MD

Charlotte is a former pediatric nurse whose passion for healthcare, the environment and children led her to initiate and chair the green team at Anne Arundel Medical Center, in Annapolis, Maryland. Since 2007, Charlotte has helped educate and build a healthier hospital for the wellness and disease prevention of the patients, staff and surrounding community. Through her dedication and leadership of the health systems' green team, Charlotte is now the Sustainability Coordinator at Anne Arundel Medical Center.

Sessions and Panelists

Panel Discussion • 3:15 - 4:15 pm

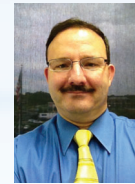
– *Infrastructure Sustainability*

Introduction of Panelists

Dusty Hall, Senior Director
Southwestern Ohio Council for Higher Education (SOCHE)

Panel Moderator

Michael Berning, PE, CEM, LEED AP BD+C
Director of Sustainable Design, Heapy Engineering



David R. Cozier, PE, Vice President, Facilities & Construction
Mount Carmel Health System
Columbus, OH

Dave is a senior construction and facilities management professional with more than 30 years' experience in facilities planning, design, construction and maintenance. He works collaboratively with MCHS leaders in developing the organization's facility infrastructure and master plans, serves as point person for MCHS with construction contractors and developers, manages construction projects, and coordinates all aspects of physical plant operations and maintenance.



Jim Porter, Director, Construction and Facilities
Soin Medical Center and Greene Memorial Hospital
Dayton, OH

For over two decades Jim has provided significant leadership in construction and hospital facilities management for Kettering Health Network. He started with Kettering at Grandview Hospital as Director of Facilities where he managed the maintenance, construction, environmental and security services. From there he moved to assist the leadership team at the new Soin Medical Center and at Greene Memorial Hospital as Director of Construction and Facilities.



Andrew Quirk, Sr. Vice President/National Director, Healthcare
Skanska USA Building
Nashville, TN

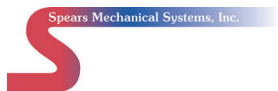
Andrew's 19 years in the healthcare industry include tenure as architect on staff at Memorial Sloan-Kettering Cancer Center, an architect with RTKL, and as Vice-President of Skanska USA Building. With his unique background in health science design, construction, and hospital facilities, his expertise lies in advising hospitals on strategic facility plans and right sizing decisions for projects, and the best approaches for procuring and managing design and construction services.

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The carbon emissions from the 2015 Symposium on Sustainability in Health Care are 100% offset with renewable energy credits and carbon offsets donated by Renewable Choice ENERGY. These offsets include the electricity used at the event and the carbon emissions from attendees' travel. By offsetting this event, 17,227 pounds of CO₂ emissions are avoided, which is equivalent to taking two passenger cars off the road for a year, not consuming or planting 200 tree seedlings and growing them for 10 years.