The Green Building Initiative, Inc. (GBI) is providing a 90-minute forum for information sharing on early lessons learned from the perspective of design, engineering, and materials specialists supporting safety and resilience in health care facilities amid the regional surges of COVID-19.

**Expert Panel**

Debra Harris, Ph.D., Associate Professor, Family & Consumer Sciences, Interior Design, Robbins College of Health and Human Sciences, Baylor University

Jane Rohde, Principal, AIA, FIIDA, ASID, ACHA, CHID, GGA-EB, LEED AP BD&C, Principal, JSR Associates, Inc.

Michael P. Sheerin, PE, LEED AP, CEO of TLC Engineering Solutions

Shari L. Solomon, Esq., President and Founder, CleanHealth Environmental, LLC

Vicki Worden (Panel Moderator), President & CEO, Green Building Initiative, Inc.

**Topics**

1. Ventilation / Filtration
2. Materials & Surfaces
3. Cleaning & Disinfection
4. Transforming Space / Mobile Unit
5. Future lessons learned for emergency preparedness

**CEUs**

The Health Care Operations: Implications & Actions from COVID-19 Webinar has been approved for 1.5 LU | HSW AIA credits.

**Who May Benefit from Attending?**

- Those operating and maintaining healthcare & long-term care facilities
- Those designing and constructing healthcare and long-term care facilities
- Energy managers for health care facilities
- Those writing or updating policies and procedures for healthcare and long-term care facilities
- Those involved in cleaning facilities amid COVID-19
- Those working on mobile, pop-up, and transforming other spaces to support the need for alternate / additional spaces for treating patients and residents with COVID-19
- Hotels and universities nearby HC facilities that are seeking to support facilities and workers
COVID-19 has placed an enormous strain on our healthcare and long-term care systems. The dramatic increase in number of patients requiring advanced medical care and the concern of rapid transmission exposes vulnerabilities in hospitals, outpatient settings, long-term care nursing homes, and senior living facilities. The lessons learned from the early response to COVID-19 create implications for ongoing responses, policies & procedures, future designs, immediate needs to support adequate staffing and the potential for transforming temporarily vacant spaces near hospitals to service essential services; i.e. convention centers, hotels, etc.

The Green Building Initiative is hosting a webinar, including the expert panelists noted above, to provide resources and expertise to those working in or supporting the healthcare or long-term care industry. The goal is to provide participants with an opportunity to learn about some of the recent protocols and planning recommendations being put in place to help the healthcare sector manage their facilities during this time, and some thoughts about what we as an industry can learn from this situation about the future of healthcare facility management, engineering, and design.

Follow this link to register: bit.ly/C19HCWebinar

Learning Objectives

- Understand how ventilation and filtration must be altered and monitored to ensure a safe, clean and healthy indoor environment;
- Learn the latest in protocols for cleaning and disinfecting surfaces where COVID-19 may live for a period of time.
- Review examples of spaces that have been converted to COVID-19 treatment centers, and the use of open-air popups and mobile medical units where needed.
- Examine opportunities to provide necessary space and resources for healthcare professionals, including day care facilities.
- Apply these lessons learned toward future design and operations of healthcare and long-term care facilities.

Resources

Attendees will be provided with resources to demonstrate how these practices can be applied at their healthcare facilities to maintain preparedness during a period of high system stress. GBI is dedicated to using the resources and experts available to us, including our community of Green Globes Assessors and Green Globes Professionals (GGAs & GGP), to discuss topics relevant to healthcare today and to support the healthcare industry through our work encouraging incorporation of best practices into the built environment.

About GBI

GBI is a nonprofit organization and American National Standards Institute (ANSI) Standards Developer dedicated to accelerating the adoption of green building best practices. GBI is a collaborator with access to experts in a variety of fields. This education effort leverages GBI as a portal to information on best practices for improving the built environment.

Founded in 2004, the organization is the global provider of the Green Globes® and federal Guiding Principles Compliance building certification and assessment programs. To learn more about opportunities to become involved with GBI, contact info@thegbi.org or visit the GBI website at www.thegbi.org.
Debra Harris, Ph.D., Associate Professor, Family & Consumer Sciences, Interior Design, Robbins College of Health and Human Sciences, Baylor University

Dr. Debra Harris is an evidence-based design researcher, product developer, and designer. She is an Associate Professor in the College of Health and Human Sciences at Baylor University and a Fellow of the Center for Health Systems & Design at Texas A&M University. Her research focuses on health systems planning and policy related to facility design. Dr. Harris’ Indoor Environmental Forensics Laboratory is a resource for environmental material testing for product life assessment, durability, and in vitro simulation studies, leading to on-site indoor environmental research. Her current research involves chemical risk exposure, pathogen transmission on environmental surface materials, and efficacy analysis of disinfection and decontamination products. Her body of work is focused on factors affecting user experience and outcomes, especially related to health, productivity, safety, and cost implications. As CEO of RAD Consultants, Texas, Debra specializes in providing research and strategic planning services to the healthcare, education, manufacturing, and government sectors.

Jane M. Rohde, AIA, FIIDA, ASID, ACHA, CHID, LEED AP BD+C, GGA – EB, Principal, JSR Associates, Inc.

Jane Rohde believes in a global cultural shift toward person-centered solutions for healthcare settings and sits on various senior living, healthcare, and sustainability committees supporting research, advocacy, and humanistic approaches to care.

In 2015, she received the first Changemaker Award for Environments for Aging from The Center for Health Design and in 2018, she received the ASID Design for Humanity Award, has been recognized as an Honorary Alumni of Clemson University’s Architecture + Health program, and has been honored as one of the top ten Women in Design demonstrating leadership in healthcare and senior living design.

Michael Sheerin, PE, LEED AP, TLC Engineering Solutions, Inc.

Michael Sheerin is the Chief Executive Officer and Chairman at TLC Engineering Solutions, Inc., a national top 20, full service engineering firm headquartered in Orlando, Florida with nearly 400 staff in 13 offices across the USA. TLC provides MEP/Structural/Technology & Energy/Cx services for owners seeking high performance building design and operation.

In addition to leading the strategic direction of the firm, Mr. Sheerin is actively involved in the codes and standards development process that impact the healthcare industry. He presently serves as Chair of ASHRAE Standard 170, Ventilation for Health Care Facilities and Chair of ASHRAE Standard 189.3, Design, Construction & Operation of Sustainable High-Performance Health Care Facilities.

His project experience includes planning the Washington Adventist Hospital replacement in Silver Springs, Maryland, the new Nemours Children’s Hospital in Orlando, FL and the campus expansions at Piedmont Atlanta and Children’s Hospital Cairo, Egypt.

Shari L. Solomon, Esq., President and Founder, CleanHealth Environmental, LLC

Shari L. Solomon, Esq. is president and founder of CleanHealth Environmental, LLC. CleanHealth provides infection prevention and industrial hygiene training and consulting services geared toward healthcare personnel and vendors responsible for infection prevention, cleaning and disinfection, and facility operations and maintenance practices. Ms. Solomon possesses more than 20 years of environmental consulting and federal regulatory experience. She holds a unique expertise and understanding of liability prevention techniques, offering clients practical and valuable risk management solutions.

Ms. Solomon has also served as Director of Training with a full-service industrial hygiene firm where she trained thousands of individuals over 16 years. She also conducts indoor air quality and infection control services including operation and maintenance program development, infection control evaluations, litigation support, and indoor air quality assessments.

Ms. Solomon is a Designated Trainer under the Certified Healthcare Environmental Services Technician Program (T-CHEST) from the Association for the Healthcare Environment (AHE) of the American Hospital Association. She holds a Bachelor of Arts degree from the University of Florida and a Juris Doctorate from The Catholic University of America.

Vicki Worden, President & CEO, Green Building Initiative, Inc.

Vicki Worden brings twenty-five years of expertise applying environmental, health, safety, and sustainability priorities to a wide breadth of industries. She has served as CEO of GBI since 2015 and works with some of the largest real estate developers in North America on the incorporation of sustainability, health, wellness and resilience practices into design, construction, and facility operations. GBI has certified hundreds of hospitals and health care facilities for green building attributes through the Green Globes green building certification program since its launch in the U.S. in 2004 and the Guiding Principles Compliance verification program, including facilities for Dept. of Veterans Affairs, National Institutes of Health, private sector hospitals, long-term care and outpatient services. Worden is the former chair of the National Institute of Building Sciences Consultative Council and is an accomplished public affairs and association management professional holding an MBA from Loyola University in Maryland and Bachelor of Arts in Political Science from West Chester University.