

COMPLETE AGENDA

Pre-Conference Events

Monday, May 10, 2010

12:30 p.m. - 5:30 p.m. **Promoting Health from the Ground Up - Baltimore Urban Agriculture Tour**
Meet in Lobby of Marriott Inner Harbor at 12:30 p.m.

Cost: \$80

Across the country the healthcare community is exploring means to improve the health of urban communities. Learn exciting ideas around health, food and community benefit through a guided tour of two of the nation's leading edge Urban Agricultural models.

Real Food Farm www.real-food-farm.org is a new urban agriculture project in Northeast Baltimore's Clifton Park. The Farm is a project of Civic Works Baltimore's Service Corps, and sells fruits, herbs and vegetables to local institutions and communities using hoop-houses, low-cost, plastic greenhouses. Real Food Farm improves community access to organic and wholesome food, increases the percentage of local food consumed by Baltimore City residents, and creates green jobs.

Great Kids Farm at the Bragg Nature Center is a nationally recognized working organic farm owned and operated by the Baltimore City Public Schools as an educational and vocational training component of its larger Farm to Cafeteria initiative. At the farm and through outreach efforts, school students are engaged in all aspects of food from seed to fork. [Learn more here.](#)

Join hosts *Tony Geraci, Food Service Director, Baltimore City Public Schools and Great Kids Farm* and *Tyler Brown, Farm Manager, Real Food Farm* for an informative and exciting afternoon.

Tuesday, May 11, 2010

8:30 a.m. - 12:00 p.m. **Creating a Menu of Change: Healthy Food in Healthcare**
Baltimore Marriott Inner Harbor – First Floor, Salon ABC

Cost: \$175 (includes lunch following*)

This half-day workshop is designed to help participants learn about the growing demand for sustainable and nutritious healthcare food. Attendees will learn about cost effective procurement strategies that emphasize health concerns that meet the unique needs of health care. Participants will also receive tools and references to help them implement innovative ideas into their food service and dietary programs.

Jamie Harvie, Institute for a Sustainable Future

Michelle Gottlieb, Health Care Without Harm

Greg Brown, Magee-Womens Hospital

Anna Ardine, Clinical Nutrition Manager, Magee Womens Hospital

Joseph Fleischman, Washington County Hospital

Louise Mitchell, PT, Maryland Hospitals for a Healthy Environment

Roneet Mallin, Johns Hopkins Hospital

Gregory Hare, Sinai Hospital of Baltimore

* Please Note: arrangements have been made for food workshop attendees to visit the nearby University Farmer's Market, only a short walk from the Marriott Inner Harbor, immediately following the session. Very fresh, locally grown food will be available for purchase for lunch at the market. Attendees are also welcome, if they prefer, to join other preconference workshop attendees for lunch at the Hyatt Regency following the session.

9:00 a.m. - 12:00 p.m.

Hospital Energy Management Workshop

Hyatt Regency Baltimore – Second Floor South, Frederick

Cost: \$175 (includes lunch following)

Today, growing numbers of hospitals are seeking to fully leverage energy-saving opportunities in their O&M practices. Energy efficiency and renewable energy are mission-critical investments, enabling hospitals to reduce current operating costs and mitigate the risks of future price volatility. While energy is a small part of a hospital's total operating budget, it's a cost center that managers can control—with savings that go right to the bottom line. Returns on energy-saving investments ultimately make more resources available for quality patient care.

Rich Beam, System Director, Construction & Sustainability Office of Supply Chain Management, Providence Health & Services

Mark Mininberg, President, Hospital Energy

Carl Teter, Associate, Booz Allen Hamilton

9:00 a.m. - 12:00 p.m.

Strategies for Greening the Operating Room

Hyatt Regency Baltimore – Second Floor, Baltimore & Annapolis

Cost: \$175 (includes lunch following)

This pre-conference session will examine best-in-class strategies for reducing the environmental impact of the operating room (OR), along with potential cost-savings and worker safety improvements. The OR has one of the largest environmental footprints of any department across the hospital—generating huge amounts of medical waste, using large volumes of expensive (and often disposable) equipment and materials and requiring energy-intensive technologies that can be improved upon. A follow-up to an innovative Practice Greenhealth *Greening the OR Symposium* being held in late April, this session will walk through how the selected strategies were implemented at Practice Greenhealth member hospitals and then vetted by different OR stakeholders including perioperative nurses, physicians, engineers and executive-level administrators. Get your questions answered and learn how your hospital can take a leadership role by piloting and implementing these cutting edge technologies and management strategies at your facility.

Cecilia DeLoach Lynn, Director of Sustainability Education & Training, Practice Greenhealth

TBD Speaker from the Association of Perioperative Nurses (AORN)—INVITED

TBD Speakers from PGH Member Hospitals--INVITED

9:00 a.m. - 12:00 p.m.

Eco-Pharmacology: Minimizing Pharmaceutical Waste in Clinical Care

Hyatt Regency Baltimore – Third Floor, Chesapeake

Cost: \$175 (includes lunch following)

Unused and improperly disposed pharmaceuticals are emerging as environmental contaminants in both surface and drinking water. This interactive symposium will present a summary of current ecotoxicological findings and provide information on tools and resources for reducing pharmaceutical waste in clinical care. The program will consist of three presentations by faculty addressing the eco-toxicology of pharmaceuticals, approaches for reducing pharmaceutical waste for physicians and nurses, and advocating for proper pharmaceutical disposal in clinical care. Lectures will be interspersed with group discussions led by a qualified faculty of physicians and nurses. Participants will gain valuable skills as well as the opportunity to join the growing collaborative effort to address eco-pharmacological issues.

Dr. Joel Kreisberg, Executive Director, Teleosis Institute

Dr. Ilene S. Ruhoy, MD, PhD, Director, Institute for Environmental Medicine Touro University School of Osteopathic Medicine, Nevada

Karen Bowman, MN, RN, HCWH

9:00 a.m. - 12:00 p.m.

Climate and Health Literacy

Hyatt Regency Baltimore – Second Floor, Columbia

Cost: \$175 (includes lunch following)

Health professionals are going to be on the front lines of any climate-related disaster, responding to the public health impacts of events around the globe. Overall, the need to treat illness and disease due to climate-related changes in our environment will continue to increase as global warming continues at an accelerated pace. At the same time, the healthcare industry will experience the climate crisis in its own operations, characterized by dramatically increasing energy costs, projected instability in the electric service provision grid, and intensified stressors placed on community health services, especially in times of disaster. It is crucial that the health sector develop a strong, unified voice to reduce the environmental and public health impacts of climate change. Health professionals need to fully understand the science, be able to critically analyze policy options, and express the health benefits of addressing climate change in concise, powerful terms that politicians will hear and act upon. This workshop will serve to educate participants about the science behind global warming, the environmental and health impacts of climate change, mitigation strategies that health care systems can implement to help reduce their emissions, and the work of the Climate and Health Literacy Consortium.

Cindy L. Parker MD, MPH, Co-Director, Program on Global Sustainability and Health Department of Environmental Health Sciences, Johns Hopkins Bloomberg School of Public Health

Holly Carpenter, BSN, RN, Senior Staff Specialist, Center for Occupational and Environmental Health, American Nurses Association

9:00 a.m. - 12:00 p.m.

Tour of Local Baltimore Facilities: Baltimore Medical System and Health Care for the Homeless

Participants will be picked up at the Hyatt Regency Baltimore at 9:00 a.m.

Cost: \$75 (includes lunch following)

Health Care for the Homeless and Baltimore Medical System have completed LEED-NC Gold and LEED-CI Platinum facilities respectively. As their names imply, Health Care for the Homeless provides health-related services, education, and advocacy to reduce the incidence and burdens of homelessness. Baltimore Medical System is a Community Health Center providing services to an economically distressed urban population. The commitment to provide the best possible health care in the healthiest environments for these at risk communities shows what can be done by committed project teams.

This event will take you to these two newly completed projects for tours of their facilities. You will hear about the challenges and achievements of these exemplary projects and how these institutions are using their platforms to engage frequently marginalized communities in the importance of environmental health. You will see how they met their sustainability goals, discuss how construction costs were managed and learn how these new green facilities are impacting their clients, staff and their entire organizations.

12:00 p.m. - 1:00 p.m.

Lunch at the Hyatt Regency Baltimore (for Pre-Conference Event Attendees)

Main Conference

Tuesday, May 11, 2010

1:30 p.m. - 2:00 p.m.

Convene and Introductory Remarks

Gary Cohen, Health Care Without Harm

Welcome Remarks

Carmela Coyle, CEO, Maryland Hospital Association

2:00 p.m. - 3:00 p.m.

Hospital Leadership Plenary Panel

Barb Sattler, RN, DrPH, Professor, University of Maryland Nursing School, Director, Environmental Health Education Center

Jeffrey Rivest, President and CEO, University of Maryland Medical Center

Knox Singleton, President and CEO, Inova Health System

Neil Meltzer, President and COO, Sinai Hospital of Baltimore (part of the LifeBridge Health system)

3:15 p.m. - 4:45 p.m.

Concurrent Panels (A) 90 Minute Sessions

A1 The Environmental & Social Impacts of Today's Hospital Textiles: Making the Move to Green a Life Cycle Approach

This presentation will address the environmental and social impacts of reusable textiles with a focus on how materials, chemical inputs and production impact people and the planet.

Jerry Wheeler, Founder and Partner, SustainTex LLC

Erika Kimball, RN, BSN, California Pacific Medical Center (CPMC)

Heather Hocker, Organic Exchange

A2 Waste Management in the Operating Room: Exploring & Improving the Environmental, Human Health & Economic Impacts

A review of OR waste production and management, and the impact these have on the environment, human health and hospital costs. Emerging technologies and best-practice models to transition to more sustainable OR practices are explored.

Jennifer N. Bondy, B.Sc., M.Sc., MD Candidate 2012, Schulich School of Medicine & Dentistry, The University of Western Ontario

Yoan K. Kagoma, B.A.Sc., MD Candidate 2012, Schulich School of Medicine & Dentistry, The University of Western Ontario

Nathan M. Stall, B.Sc., MD Candidate 2012, Schulich School of Medicine & Dentistry, The University of Western Ontario

A3 Three Systems Going Green: Baby Steps and Leaps of Faith – You Can Do it Too!

Three Catholic health care systems, each at a different stage of "green" development will tell their stories: how they got started, their challenges and strategies for addressing such areas as food, waste, energy, mercury and chemicals.

Sr. Mary Ellen Leciejewski, Ecology Program Coordinator, Dominican Hospital

Sr. Rosemary Moynihan, SC, Director, Ecology/Global Ministries, Bon Secours Health System

Nancy Mulvihill, Vice President Corporate Communications, Covenant Health Systems

A4 Developing Research Priorities and Projects at the Intersection of Patient, Worker and Environmental Safety

Health Care Research Collaborative leaders will discuss efforts to identify and develop research projects at the intersection of patient, worker and environmental safety and sustainability.

Peter Orris, MD, MPH, Professor and Director, Occupational Health Services Institute, University of Illinois Medical Center and School of Public Health

Susan Kaplan, JD, Research Director, Health Care Research Collaborative, University of Illinois School of Public Health

Julie Becker, PhD, MPH, Evaluation Consultants

Anjali Joseph, PhD, Director of Research, The Center for Health Design

Jennifer R. DuBose, LEED AP, Research Associate II, College of Architecture, Georgia Institute of Technology

A5 Envisioning the High-Performance Hospital: Implications for a New Low Energy, High-Performance Prototype

Results of a three-year effort to design a hospital prototype that radically reduces energy use and improves the occupant experience. Including: Process, performance strategies, minimal costs required and discuss integrated project delivery as key to success.

Heather Burpee, M.Arch., Health Design Specialist and Research Associate, BetterBricks Integrated Design Lab, University of Washington's Department of Architecture

Duncan Griffin, Architect, LEED AP, Senior Associate, NBBJ Architects

Richard Beam, MBA, System Director, Construction and Sustainability, Providence Health & Services

A6 \$300 Million Healthcare Facility Strives for LEED-NC v2.2 Gold Certification

Explore the process of guiding a large healthcare expansion project with multiple buildings in a campus-like setting through the LEED for New Construction v2.2 Rating System while also following The Green Guide for Health Care v2.2.

Michael W. Pavelsky, AIA, LEED AP, Associate, Sustainability Director, The Sheward Partnership, LLC

Kathryn B. Collins, FACHE, Vice President of Campus Planning, Jersey Shore University Medical Center

David Lamontagne, PE, Principal, Managing Director, Granary Associates

A7 Healthcare Water Effluent & Potential Strategies

Hospitals are large point sources for waterborne contaminants such as antibiotics or other pharmaceutical compounds. This session presents on typical hospital effluent streams, legal, regulatory, ethical issues and potential strategies and solutions.

Walt Vernon, PE, LEED AP, Principal, Mazzetti Nash Lipsey Burch

Dror Avisar, PhD, Head of Hydrochemistry Laboratory, Tel Aviv University

Brianne Copes, LEED AP, Plumbing Designer, Mazzetti Nash Lipsey Burch

A8 Building Green During Economic Turmoil

A five-step approach to succeeding in building green while in difficult economic times. Real-world examples of how to use existing green programs and smart design to meet the desire for better buildings within tight budgets.

Neil Chambers, LEED-AP, Director of Sustainability, inFORM studio

Douglas Schlauch, AIA, Director of Architecture, Facilities & Construction, UPMC

Tim Spence, AIA, LEED-AP, Principal - Practice Director, BBH Design

A9 Document Destruction & Recycling Practices: Benefits to Operations, Compliance & Communities

Kaiser Permanente Southern California hospitals and facilities have implemented a region-wide program for secure document & PHI (patient health information) destruction. This program was developed in partnership with Goodwill Industries and the Secure Document Alliance. The program results in securely destroying and recycling our confidential material, eases operational load, and helps employ disabled members of our communities. This presentation will cover the scope of the program, challenges and barriers to implementation, and potential opportunities that arose, such as pilot programs for saline bottle and sterile wrap, and plastic bottle and can recycling. The resulting logistics train has opportunity to expand to other recycling streams.

Richard Trogman, Regional Operations Support Leader, Kaiser Permanente

Bradley Collings, President, Secure Document Alliance

Timothy Eng, MS, PE, CIE, Kaiser Permanente, Project Manager

Tami Karlsson, Goodwill Secure Shredding, Goodwill Industries Southern California

4:45 p.m. - 7:30 p.m.

Opening Reception in Exhibit Hall

Dinner on your own

Wednesday, May 12, 2010

7:30 a.m. - 5:30 p.m. **Conference Registration**

7:30 a.m. - 8:30 a.m. **Continental Breakfast, Exhibits & Posters**

8:30 a.m. - 9:00 a.m. **Introduction to Day & Conference Announcements**

Gary Cohen, Health Care Without Harm

Welcome Remarks

Maggie McIntosh, Member, Maryland House of Delegates, 43rd District: Chair of the Environmental Matters Committee

9:00 a.m. - 10:00 a.m. **Keynote: Joseph J. Romm, Author, Blogger, Physicist and Climate Expert**

10:00 a.m. - 10:30 a.m. **Break**

10:30 a.m. - 11:30 a.m. **Concurrent Panels (B) 60 Minute Sessions**

B1 Effective Environmental Management at Smaller Medical Facilities

Small facilities such as rural hospitals and doctor offices offer opportunities to reach large audiences on the links between environment and health, while at the same time presenting challenges on maintaining environmental compliance.

Todd Sack, MD, FACP, Chairman, Environment & Health Section, Florida Medical Association

Sarah Boren, LEED AP, U.S. Green Building Council, North Florida Chapter

Victoria Jas, PhD, CHMM, MS, Principal, Victoria Jas, LLC

B2 Climate Change Adaptation for the Health Care Industry

This presentation will explore the short-term and long-term effects of climate change, toxics, peak oil and limits on natural resources such as water, minerals and scarce materials as they relate to the healthcare sector.

Christina Vernon, AIA LEED AP, Director, Office for a Healthy Environment, Cleveland Clinic

Michael Berg, JD, Senior Consultant, BrownFlynn

B3 Two Healthcare Energy Talks: 1- Climate Strategies for Healthcare Facilities; 2-DOE, New York City & NYSERDA partnership to mitigate Climate Change

This panel features two distinct presentations from government agencies which discuss how hospitals can incorporate climate strategies into daily operations and go "carbon neutral". They will present case studies of low-carbon hospitals and share examples of ways hospitals can measure and reduce energy use.

Clark Reed, Director Healthcare Facilities Division, ENERGY STAR, United States Environmental Protection Agency

Tate Rider, Senior Project Manager, Renewable Energy, New York City Economic Development Corporation

B4 Pesticide and Pediatrics - How Hospitals Can Grow Healthy Food and Healthy Children

This presentation will provide an overview of pesticides and other exposures via the food system and their impact on pediatric and reproductive health. It will also offer in-depth look at one hospital's comprehensive strategies to grow healthy food and healthy children.

Judith Focareta, RN, MEd, LCCE, Coordinator of Environmental Initiatives, Magee-Womens Hospital
Joel Forman, MD, Associate Professor Pediatrics, Associate Professor Preventive Medicine, Mount Sinai Medical Center

B5 Demystifying the Costs and Benefits of Green Health Care Facilities

This presentation will present findings from a study addressing the extent of "first-cost green building construction premiums" in the healthcare sector, based on interviews with 13 LEED-certified and registered healthcare project teams.

Gail Vittori, LEED AP, Loeb Fellow, Co-Director/Co-Coordinator, Center for Maximum Potential Building Systems - GGHC Co-Coordinator

B6 Strategic Pathways to Energy Independence and Climate Neutrality: A Prescription for Health Care Organizations

This session has been cancelled.

B7 Sustainability Metrics & Analysis: Measuring Change and Leveraging Information

Improvements are intangible without proper measurements. This presentation shows how to overcome the challenges of invoice analysis, facility comparisons, baselines and benchmarking that are needed to validate and promote sustainability improvements.

Josh Miller, Sustainability Coordinator, Spectrum Health
Chris Bailey, MBA, PMP, CSSBB, Project Manager-Facilities, Spectrum Health

B8 Hazardous Chemicals in Health Care

This is a presentation of the PSR's Health Care Professional Biomonitoring Project. It contains an analysis of exposure to toxins in a group of 20 nurses and physicians. Discussed will be the potential physical burden of healthcare professionals.

Dr. Kristen Welker-Hood, ScD, MSN, RN, Director, Environment Health Programs, Physicians for Social Responsibility

B9 Healthier Hospitals Initiative

Several major hospital systems, along with Health Care Without Harm and the Center for Health Design, are launching a new initiative to accelerate the adoption of recommendations that can improve environmental sustainability, as well as save money and improve patient and worker safety. The Healthier Hospitals Initiative is unveiling an Agenda that includes recommendations to improve energy performance, chemicals use, environmental procurement, building design, waste, water, food, pharmaceuticals, transportation and culture change. The Initiative is also implementing a collaborative research agenda that evaluates sustainability innovations for their impacts on patient and worker safety and cost containment in order to remove barriers to adoption and accelerate implementation by the rest of the sector.

This workshop will feature hospital system representatives that are adopting this comprehensive Agenda and helping to lead the sector toward a comprehensive sustainability Agenda.

John Messervy, AIA, Vice President, Director of Capital and Facility Planning, Partners HealthCare System, Inc.

Robert Gotto, Supply Chain Executive, Kaiser Permanente

Susan Vickers, Vice President, Community Health, Catholic Healthcare West

Moderator: Gary Cohen, Executive Director, Health Care Without Harm

11:30 a.m. - 1:30 p.m.

Lunch in Exhibit Hall

1:30 p.m. - 3:00 p.m.

Concurrent Panels (C) 90 Minute Sessions

C1 Environmental Health Community Benefits: Exploring a New Frontier

What currently qualifies as an environmental health community benefit (CB) for the Internal Revenue Service? What are the opportunities for expanding environmental and energy programs under CB programs? What are the leading edge examples?

New IRS definitions and reporting requirements on "community benefits" (CB) & "community building" activities required in 2010 potentially open the door to new business, clinical and environmental arguments for sustainable health care practices. Healthy food, energy efficiency, clean energy, pollution prevention, & purchasing efforts can benefit. What are the barriers and opportunities in this largely uncharted territory?

We'll explore which environmental health efforts should be reported as community benefits or as community building activities, and what protocols this reporting might follow to improve the rationale for acceptance. What is the plan for how the IRS will evaluate submissions? What questions is the IRS Form 990 Schedule H Team asking itself as it reviews them?

A case study from Kaiser Permanente will examine how their plan for action was developed, the risks and opportunities, health and financial outcomes, and how it was reported to the IRS under their 2009 voluntary reporting program.

Kathy Gerwig, Vice President, Workplace Safety and Environmental Stewardship Officer, Kaiser Permanente

Geoff Campbell, Tax Law Specialist, U.S. Internal Revenue Service

Julie Trocchio, Senior Director, Community Benefit & Continuing Care, Catholic Health Association of the United States

C2 The Role of Philanthropy in the Movement for Sustainable Healthcare

Over the last decade, foundations have played a catalytic role in building the movement for sustainable healthcare in the United States. From educating health professionals about environmental health to supporting green building standards to piloting healthy food initiative in target cities to championing new research at the frontiers of sustainability and patient safety, foundations have been instrumental in redefining the healthcare sector's understanding their relationship to sustainability and community environmental health. This panel will discuss various philanthropic approaches to sustainability and safety in healthcare from the perspective of leading foundations in the field.

David Fukuzawa, Director of Health Program, Kresge Foundation

Betsy Ringel, Executive Director, Blaustein Foundation

Paul Tarini, Pioneer Team Leader, Robert Wood Johnson Foundation

Linda Jo Doctor, Program Officer, W. K. Kellogg Foundation

Moderator: Anita Nager, former Director of Programs, Beldon Fund

C3 Environmental Purchasing Roundtable

Learn about the major group purchasing organizations' environmental priorities for 2010 and how they are addressing their members' needs for environmentally preferable products. Bring your questions and ideas to this roundtable discussion where healthcare facilities, suppliers,

and GPOs can discuss the challenges of identifying the environmental attributes of products.

Jennifer Waddell, Senior Director, Clinical Solutions, Novation

Jennifer Bailey-Jones, Senior Director, Environmental Sustainability Service Line, Broadlane

Laura Schrubb, Program Coordinator, Clinical Education and Outreach, MedAssets

Gina Pugliese, Vice President, Premier Healthcare Alliance

Mike Reid, Senior Director - Construction, Capital, and Facility Services, Amerinet

Cathy Florek, Assistant Vice President for Supply Chain, HealthTrust

Moderator: Lara Sutherland, Director of Business Membership, Practice Greenhealth

C4 You Can't Manage What You Don't Measure: Qualitative and Quantitative Baseline Development for Sustainability

This session will detail how the use of qualitative and quantitative base lining tools can contribute to a clear understanding of where an organization is starting from on the sustainability spectrum and how it informs strategic goal development.

Cecilia DeLoach Lynn, HEM, MBA, LEED AP, Director, Education & Training, Practice Greenhealth

David McCombs, Vice President, ERP and Supply Chain Operations, Bon Secours Health System Inc.

Janet Brown, Director, Sustainable Operations, Practice Greenhealth

C5 Nurses Leading Change

Nurses are not only assisting with "greening" hospitals, they are leading the way. They play a key role when implementing sustainable practices and this session will present successes and challenges that nurse leaders have experienced.

Denise Choiniere, RN, MS, Sustainability Manager/Nursing Outreach Coordinator, University of Maryland Medical Center/Maryland Hospitals for a Healthy Environment

Barbara Sattler, RN, DrPH, FAAN, Director, Maryland Hospitals for a Healthy Environment

C6 Healthy Hospitals: Managing Facilities without Toxic Pesticides

Everything you wanted to know about green pest management but were afraid to ask. Learn how you can reduce pest complaints to near zero, improve food and fire safety, and reduce toxic chemical use in your facility with no increase in cost!

Jay Feldman, Executive Director, Beyond Pesticides

Thomas Green, PhD, CCA, TSP, President, IPM Institute of North America, Inc.

Rachel DeMunda, MS, HEM, CHMM, Director of Safety and Sustainability, Mercy Medical Center Baltimore, MD

C7 High Performance Hospitals in a Carbon Constrained World

High Performance Hospitals contribute to patient & financial health of the health care provider and the environment. This is the Healthcare Triple Bottom Line in any successful effort to reduce climate change.

Steven Guttman, PE, LEED AP, Principal, Guttman & Blaevoet Consulting Engineers

Ted Tiffany, LEED AP, HBDP, CEPE, Associate Energy & Building Performance Manager, Guttman & Blaevoet Consulting Engineers

Russell Perry, AIA, LEED AP, Vice-President, Office Director, Washington DC, SmithGroup

C8 Brewing Up a Renewable Energy Strategy for Hospital Energy Management – The Gundersen Lutheran Case Study

A Midwest hospital's plan to be energy independent by 2014 leads it to renewable energy sources close to home, including a local brewery and the Mississippi River. DOE works with hospitals to accelerate healthcare sector market transformation.

Corey Zarecki, Gundersen Lutheran Health System

C9 Embracing Natural Ventilation in Healthcare Facilities

This session will provide a basis for healthcare designers, operators and administrators to address the prospect of implementing natural ventilation using a panel format with three speakers.

Robert Gulick, PE, LEED AP, Principal, Mazzetti Nash Lipsey Burch

Arash Guity, PE, CEM, MBA, LEED AP, Associate, Mazzetti Nash Lipsey Burch

Tariq Amlani, Stantec, Inc.

3:00 p.m. - 5:15 p.m.

Exhibits & Book Signing

5:00 p.m. - 6:30 p.m.

**Practice Greenhealth Environmental Excellence Awards Ceremony and Cocktail Reception
The Baltimore Convention Center**

7:00 p.m. - 9:00 p.m.

**Celebration Dinner - Award Winners Announced, Tree Presentation
Keynote: Annie Leonard, *The Story of Stuff*
Sheraton Baltimore City Center**

9:00 p.m. -

Hospitality

Thursday, May 13, 2010

7:30 a.m. - 12:00 p.m. **Registration**

7:30 a.m. - 8:15 a.m. **Continental Breakfast**

8:15 a.m. - 9:45 a.m. **Concurrent Panels (D) 90 Minute Sessions**

D1 Cooperation not Competition: Achieving Success across LifeBridge Health

This presentation will explore LifeBridge Health's journey from one hospital that shut down its incinerator in 2002 out of the need for costly upgrades to meet EPA Title V, to the award-winning multi-facility green health system it is today.

Peter Arn, BSCE, MSCE, PE, CRD, Vice President of Capital Improvements & Facilities, LifeBridge Health

Bill Griffith, President, Reduction In Motion

Lewis Poe, Director, Facilities, LifeBridge Health/Sinai Hospital

D2 The Silver Bullet for Improved Sustainability and Reduced Cost in Electronics Disposal

Find out how the first global e-recycler certification program can help your organization manage risk and ensure environmental and social responsibility when managing your obsolete electronics.

Lauren Roman, e-Stewards Business Director, Basel Action Network

Robert Houghton, President, Redemtech

John Kendle, Director of Operations, Support Services, St. Joseph's Medical Center - Catholic Healthcare West

D3 Going Green: Healthcare's Growing Role in Chemicals Policy

New federal legislation would dramatically change the way government regulates chemicals in healthcare. Learn about the legislation, what it means for health, health care and the bottom line. Healthcare's involvement in reforming current law and opportunities for action will be discussed.

Charlotte Brody, RN, Director of Chemicals and Green Chemistry, Blue Green Alliance

Kathy Gerwig, Vice President, Workplace Safety and Environmental Stewardship Officer, Kaiser Permanente

Howard Williams, Vice-President and General Manager, Construction Specialties

D4 Material Health: Furthering Transparency & Accountability

This panel will include a range of speakers who have developed and/or use tools to look at chemicals and sustainability in health care, particularly focused on building materials. Speakers will address transparency, accountability, and supply chain issues. The panel will include several short presentations from each of the speakers and then a wide-ranging discussion that focuses on leveraging the health care voice to promote safe and healthy materials and achieve market transformation.

Chris Youssef, LEED AP, NCIDQ, Perkins + Will

Melissa DeSota, Environmental Strategy and Programs, Steelcase

Julie Silas, Director, Health Care Projects, Healthy Building Network

Lia Rodi, AIA, LEED AP, WHR Architects

D5 Designing a New Emergency Department Around Daylight and Nature

Key design principles arose from the four values of timely, respectful, quality of care, and a place people would want to come to work. The most important considerations: improved patient flow, functionality, privacy/confidentiality, safety, and an abundance of natural light.

After thorough analysis, a series of within-care area courtyards were introduced, bringing beauty and calm to these high-stress environments for both patients and staff. All staff work stations, and all patient waiting areas overlook courtyards, while a glazed wall in the psychiatric patient lounge will fold open to a garden. Medical staff examined current practices and processes for ways to improve patient access and flow. The result is a highly functional facility with extraordinary indoor environmental quality. The appeal of day lighting to caregivers and their patients cannot be overstated; but clinicians and designers must be prepared to demonstrate the benefits at every stage.

*Dr. Andrew Digney, MD, CCFP Medical Director Emergency Services, Nanaimo Regional General Hospital
Suzanne Fox, RN, Manager Emergency Services, Nanaimo Regional General Hospital
Bruce Raber, M Arch, MAIBC, Vice President, Practice Leader for Healthcare, Stantec Architecture
Moderator: Gail Vittori*

D6 How Nature Helps to Restore Body, Mind and Spirit

This session will focus on the potential of outdoor areas in developing a holistic approach to patient care. It will cover funding, organizational and design aspects related to sustainable Healing Gardens and Horticultural Therapy programs.

*Jurgita Tamutyte, RLA, LEED AP, Landscape Architect, Carter van Dyke Associates
Nancy Chambers, HTR, Director, Glass Garden, Rusk Institute, NYU Medical Center
Greg Wozniak, MHA, MBA, President and CEO, St. Mary Medical Center*

D7 Regenerative Architecture for Rehabilitation Health Care

The 132-bed Spaulding Rehabilitation Hospital sited in Boston's Charlestown Navy Yard is due for completion in 2012. Owner and designers show how user needs and environmental values are synthesized through the principles of regenerative design.

*David Burson, AIA, Senior Project Manager, Partners HealthCare Inc.
Deborah Rivers, AIA, LEED AP, Senior Associate, Perkins+Will
Matthew Herman, Building Physicist, Buro Happold Consulting Engineers*

D8 Food Systems and Climate Change — Cool Strategies for a Hot World

Almost one third of climate change gases result from how we produce and distribute food. This presentation will provide an opportunity to learn about climate related agriculture issues and key hospital food service climate mitigation and adaptation strategies.

*Jamie Harvie, PE, Executive Director, Institute for a Sustainable Future
Roni Neff, PhD MS, Research & Policy Director, Center for a Livable Future, Johns Hopkins Bloomberg School of Public Health
Holly Emmons, RD, LD, MPA, Food Service Manager Union Hospital of Cecil County Elkton, Maryland*

D9 Clean-Med "Slam"

This is an interactive, participatory event in which teams compete to create a device or system to improve waste management in a hospital. Team inventions must meet certain design and performance criteria, and an implementation strategy must be presented.

*Lorraine Doo, MPH, LEED AP, Partner, Doo Consulting, LLC
Peter Doo, AIA, LEED AP, President, Doo Consulting, LLC*

10:00 a.m. - 10:45 a.m. **Poster Sessions with Author Q&A**

11:00 a.m. - 12:00 p.m. **Concurrent Panels (E) 60 Minute Sessions**

E1 Put your Buildings on a Healthy Diet to Minimize Waste: Case Studies in Energy and Water Conservation

The LEED Certified Metro Health Hospital (Metro) will provide post-occupancy performance data in terms of energy, water and waste, with a focus on the operational strategies that have both yielded successes and challenges for Metro.

This presentation will also illustrate how Providence St. Peter Hospital in Olympia, WA, reduced their water use from 62 million gallons/year to 35 million gallons/year (approximately 45%), resulting in over \$1,200,000 in savings from 1998-2009.

John Ebers, LEED AP, CEM., Sustainable Business Officer, Metro Health Hospital

Geoff Glass, PE, CHFM, Director of Facility and Technology Services, Providence St. Peter Hospital

E2 Sustainability and Patient-Centered Care: Making the Connection

A focus on the patient at the core of care is deeply linked to the design of high quality, safe, and sustainable environments in health care. Case studies will illustrate how this is being done in hospitals today, including operations and community engagement.

Holly Hill, Assoc. AIA, LEED AP, Sustainable Design Manager, HMC Architects

Rebecca Hathaway, RN, MSN, Assoc. AIA, Senior Vice President, Healthcare Practice, HMC Architects

Kimberly Nelson Montague, AIA, LEED AP, Director, Design Consultation, Planetree

E3 Sustaining Sustainability: Promoting a Sustainable Culture

Learn how to accomplish more with fewer resources by hearing about Huron Hospital's five-year case study that developed reliable, measurable and goal-oriented sustainability outcomes without adding staff, budget or significant resources.

Michael O'Connell, MHA, FACHE, FACMPE, Vice President, Operations and Physician Services, Huron Hospital (a Cleveland Clinic hospital)

Sandra Liptow, RD, LD, Director, Nutritional Services, Huron Hospital (a Cleveland Clinic hospital)

Gabriele Olinichic, Manager, Materials Management and Chair, Sustainability Committee, Huron Hospital (a Cleveland Clinic hospital)

E4 Tools and Strategies for Energy Efficient Purchasing in Hospitals

Attendees will get actionable tools and skills for starting or expanding an energy efficient purchasing program - and reducing operating costs substantially. Participants will complete an exercise to map out priority next steps for their organization.

Don Rainey, Energy Manager, University of Washington Medical Center

Jennifer Stout, Manager, Hospital Market, BetterBricks Initiative, Northwest Energy Efficiency Alliance

E5 Emissions Strategy Development: Footprints, Reductions, and Offsets

This session provides participants with the information they need to conduct an emissions inventory for their company or organization, and presents options for reducing, offsetting, and reporting those emissions.

Michael Amy, PE, LEED AP, President, Leonardo Academy

E6 Public Private Partnerships in Healthcare: The Importance of Sustainability in Contractor Financed Projects

Using cost and life-cycle information developed for new hospital construction in Sweden, Norway and the UK the ten most efficient strategies and technologies will be reviewed for use in the U.S.

Daniel Haas, LEED AP, Development Manager, Green Construction Unit, Skanska USA Building

Walter Jones, Senior Vice President, Preconstruction, Healthcare Center of Excellence, Skanska USA Building

E7 Successful Integration of a Comprehensive Pharmaceutical Waste Management Program in a Healthcare Environment

Participants will learn effective and efficient ways to integrate a compliant pharmaceutical waste management program into their Organization's "culture" using innovative tools and techniques for rollout, education and process stabilization.

Despina Kotis, Director of Pharmacy, Northwestern Memorial Hospital

Wade Scheel, Pharmaceutical Waste Project Manager, Stericycle, Inc.

E8 Reuse, the Cinderella of the Waste Hierarchy, and Other Lessons Learned from the Washington County Hospital Clean Out

EPA Hierarchy lists Reduction, Reuse and Recycling in that order but ReUse is often overlooked. We will provide an overview of how to achieve maximize diversion results through ReUse, using Washington County Hospital CleanOut as a case study.

Ronald David, Director, Materials Management, Washington County Health System

Stefanie Feldman, Senior Program Manager, Waste Management Healthcare Solutions

E9 Fair and Ethical Trade: A New Global Paradigm in Sustainable Health Care Procurement

There are now documented examples of unethical trade practices in the manufacture and supply of commodities for global health care. For example surgical instruments made in Pakistan with poor remuneration and the use of child labor; textiles procured from India with illegal working hours; and disposable plastic products made in deregulated economic zones in Mexico. There are additional reports of unethical employment practices for health services, notably in the cleaning and the construction industries. Independent assessments have suggested that the scale of abuse of labor standards in the supply of goods and services to the global health care industry is likely to be significant.

Mahmood Bhutta, Medical Fair and Ethical Trade Group

12:15 p.m. - 1:30 p.m.

Lunch & Presentation of CleanMed Awards

Closing Keynote: Steve Owens, Assistant Administrator, Office of Prevention, Pesticides and Toxic Substances, U.S. Environmental Protection Agency

1: 30 p.m. - 2:00 p.m.

Closing Remarks

Post-Conference Session

Thursday, May 13, 2010

2:30 p.m. - 6:30 p.m.

Implementing Sustainability in Healthcare Facilities

Presented by Practice Greenhealth and sponsored by Johnson & Johnson

Renaissance Baltimore Harborplace Hotel (Adjacent to the Baltimore Convention Center), Sixth Floor, Kent

Cost: \$150

How can you make environmental sustainability 'real' in your facility? Here is an opportunity to interact and learn from people who have experience in hospitals all over the country. Based on Practice Greenhealth's popular Sustainability Coordinator training course, this workshop focuses on the practical aspects of 'greening' healthcare through presentation, case studies, exercise, discussion and networking.

Cecilia DeLoach Lynn, Director of Sustainability Education & Training, Practice Greenhealth

Additional Speakers to be announced