

# **Practice Greenhealth Members Respond to Pharmaceutical Issues**

**2010 International Symposium on Safe Medicine**

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# PRACTICE Greenhealth

**A member-based nonprofit organization  
Provides a full range of tools, resources, technical  
assistance and networking opportunities to healthcare  
organizations creating sustainable environments.**



# FOUNDING MEMBERS

Advocate Health Care

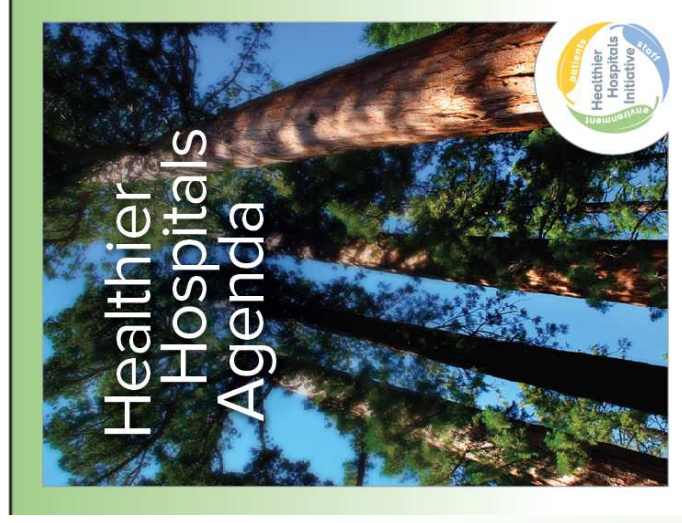
Catholic Healthcare West

Hospital Corporation of America, Inc.

Kaiser Permanente

MedStar Health

Partners Healthcare Systems, Inc



# What is HHI?

HHI is an effort to use the combined **economic clout** of leading hospital systems to help **move markets** toward more sustainable products and **to drive policies** and **practices to support** the transformation of the health sector toward environmental sustainability.



# HHI Agenda

Health Care Sector Recognizes:

- Addressing the global ecological crisis is a core component in the prevention of chronic disease
- Health care sector contributes significantly to pollution and the resulting ecological and public health crisis
- Health impacts contribute to chronic diseases that require lifetime treatments and consume 75 percent of all U.S. health care expenditures



## HHI Agenda ...cont'd

- A coordinated sector-wide approach to how we design, build and operate hospitals can improve patient outcomes and workplace safety, prevent illnesses, create extraordinary environmental benefits, and save billions of dollars.



# Three Tenets of HHI Agenda

## 1. Improve Environmental Health and Patient

### Safety:

- Engaging in Environmentally Preferred Purchasing,
- reducing chemical use
- finding sustainable alternatives to chemicals and other products,
- engaging in green building, and purchasing healthy and sustainable foods



# Three Tenets of HHI Agenda cont'd

2. **Reduce Health Care's Use of Natural Resources and Generation of Waste:**
  - reducing consumption and minimizing waste
  - reducing consumption of energy, water, and raw materials
  - minimizing pharmaceutical waste,
  - transitioning to renewable energy sources, eliminating incineration
  - improving transportation strategies





## Three Tenets of HHI Agenda cont'd

3. **Institutionalize Sustainability and Safety :**
  - Sustainability principles should be made an organizational priority and integrated into all areas of the organization and its activities
  - It amounts to a major change in the culture of the organization.



## Tier 1 Action Items

- A menu of sustainability actions that can be performed within an 18 month period
- Each action has baseline and interim measurements
- Data collected and will be presented at CleanMed 2012 in Denver Colorado



# Action Items

- Senior Leadership Engagement and Implementation of Culture Change
- Energy Use Reduction
- Toxic Chemicals Reduction
- Greening the OR
- Greening the Supply Chain
- Reducing Waste



# DRAFT

## Pharmaceutical Action Items

- All HHI systems identify top 10 drug returns for reverse redistribution programs – identify practices to reduce costs
- Ensure all HHI systems are in compliance with regulatory requirements related to drug disposal
- Identify uniform medication management standard performance measures
- Identify ways to educate professionals about environmentally preferable drugs
- All HHI systems use GGHC 2.1/2.2 related Pharmacy formulary requirements
- Plan for industry round table on emerging technologies for pharmaceutical waste disposition



# Research Collaborative

HEALTH CARE RESEARCH COLLABORATIVE



**A Research Agenda  
for Advancing Patient,  
Worker and Environmental  
Health and Safety  
in the Health Care Sector**

OCTOBER 2009

**AUTHORS:**  
Susan Kaplan, JD  
Peter Orris, MD, MPH  
Rachel Marsh



HEALTH CARE RESEARCH COLLABORATIVE



**Minding the Gap:  
Research Priorities to  
Address Pharmaceuticals  
in the Environment**

FEBRUARY 2011

**AUTHOR:**  
Julie Becker, Ph.D., MPH



**Take the HHI Pledge**

**[www.healthierhospital.org](http://www.healthierhospital.org)**

