

Schedule of 2014-2015 Sustainability Webinar Series

Pharmaceuticals in the Environment

Date/Time: July 30th, 2014@1 PM EST

Presenter: James Laurenson, FDA toxicologist

Description: The FDA Center for Drug Evaluation and Research (CDER) has a proactive and dynamic Environmental Assessment (EA) program that has responded exceptionally to recent increases in scientific data and public interest regarding pharmaceuticals in the environment. While CDER's mandate for drug approval and other actions only requires consideration (as opposed to mitigation) of environmental impacts; CDER has embraced a leadership position as an environmental steward, and is working to identify, develop, and support sustainable opportunities. This presentation will address opportunities such as:

- Pharmaceutical-related pollution prevention (e.g., drug take-back and disposal programs)
- Source reduction (e.g., "green pharma", personalized medicine)
- Environmental compliance (e.g., updated NEPA requirements)
- Outreach and communications (e.g., drug package labeling, publications, websites)
- Research (e.g., tools for predicting pharmaceutical aquatic toxicity)

Mr. Laurenson will also detail how these low-cost environmental stewardship efforts would translate into benefits such as reductions in toxicity to aquatic species (e.g., endocrine disruption) and potential risks to humans from pharmaceuticals approved and marketed in the US.

Lastly, this presentation will highlight CDER's commitment to better understand the risks of pharmaceuticals in the environment, providing a positive example for other regulatory agencies and institutions in the U.S. and internationally.

What Facilities Need to Know about Pharmaceutical Waste Compliance

Date/Time: August 27th, 2014@1 PM EST

Presenter: David Bales

Description: With the growing concern of Pharmaceutical waste contaminating the environment, regulatory oversight of its disposal has increased. Does your facility manage pharmaceutical waste properly? This presentation will explain the steps to successfully implement a Pharmaceutical waste program, and the collaboration needed from pharmacy, nursing, administration, safety and emergency management.

Striving for Net-Zero Energy Consumption in IHS Staff Quarters

Date/Time: December 4th, 2014@2 PM EST

Presenters: Joe Bermes and Michael Young

Description: Recently passed laws and EOs require federal agencies to dramatically reduce energy consumption in new buildings, achieving Net-Zero energy consumption by the year 2030. This webinar presents an investigation into the feasibility of achieving net-zero energy consumption in IHS Staff Quarters through the use of on-site photovoltaic renewable energy systems coupled with advanced materials, ground-source heat pumps and solar hot water heaters. Several locations in IHS are included in the investigation and represent multiple climate zones. Energy modeling is compared against the 2009 International Energy Conservation Code baseline and life-cycle cost analysis follows the principles of OMB Circular A-94.

Paper Recycling and Consumption

Date/Time: March 31st, 2015@2 PM EST

Part I – Doesn't need shred? Recycle instead!

Presenter: Katana Jackson

Description: Ms. Jackson, an Honorable Mention for the 2012 Green Champions - Environmental Stewardship, will provide details on the paper recycling program she developed and implemented for the Kyle Health Center. This webinar will discuss the significant increase in paper recycling, the reduction of waste paper environmental impact, and recommendations for successful recycling programs in rural locations.

Part II – Reducing Paper Consumption

Presenter: Seth Marcus

Description: The National Practitioner Data Bank (NPDB), administered by HRSA, is a national clearinghouse for information on health care professionals with a history of medical malpractice, license suspension, or other adverse actions. HRSA will describe three significant actions taken during 2012 to reduce paper consumption in the NPDB program, and the results of these actions such as: Greenhouse Gas reductions due to limited use of paper, cost reductions, and program effectiveness.

Amalgam Management in Dental Clinics

Date/Time: July 16th, 2015@2 PM EST

Presenters: Gary Carter, Brian Hroch

Description: This webinar describes mercury amalgam use in dental clinics and presents strategies and best management practices to address resultant challenges. The webinar content will cover mercury contamination issues, health effects, and practices to control contamination and exposure. Participants will also be introduced to current and proposed regulations regarding the use of mercury amalgam separators.

LEED v4: Building Design and Construction

Date/Time: October 28th, 2015@2 PM EST

Presenters: Joseph Bermes, RA and Michael Young, PE

Description: This webinar presents an overview of the new LEED v4 for Building Design and Construction Rating System. All major sustainable design categories and LEED credits will be addressed. This webinar will be beneficial for those who are new to the LEED process, providing a general introduction to the concepts of sustainable design, as well as a refresher for those who are familiar with previous versions.