

Philadelphia Section AIHA Newsletter

AIHA January 2018 Meeting and Tour: **Saint-Gobain and CertainTeed North American Headquarters: “A Living Laboratory”**

Welcome back after a holiday break. We hope that you and your families had a safe and healthy holiday season.

Kicking off 2018, which will be a jam-packed year (AIHce 2018 in Philadelphia; the Philadelphia Section hosting the NE Regional IH Conference and Exposition in December), we will be holding a tour and half-day meeting at the new North America headquarters of Saint-Gobain and CertainTeed in Malvern, PA on **Thursday, January 18th, 2018.**

The Saint-Gobain and CertainTeed North American headquarters achieved LEED (Leadership in Energy and Environmental Design) Platinum Certification for both the building core and shell, as well as for the commercial interior. The building was renovated using over 60 products from the Saint-Gobain family of products, and serves as a showcase and “living laboratory” for the company’s R&D and Building Science teams to study how the building systems improve the wellbeing and comfort of its occupants.

Our presenters will share the journey of taking an existing building that was pre-oil embargo and energy talks, and transforming it into an impressive new facility where the occupant experience was at the forefront of design.

We will be very limited on the number of attendees for this event, and registration will close once we reach our headcount limit. Due to security restrictions, pre-registration for this meeting is required, and walk-in attendees will not be able to attend.

We hope that you will be able to join us.

Philadelphia Section AIHA
January 2018 Meeting and Tour:
Saint-Gobain and CertainTeed North American Headquarters:
“A Living Laboratory”

Thursday, January 18th, 2018

AGENDA:

- 7:30 AM: Registration/Continental Breakfast/Networking Opportunity
- 8:00 AM: Tour of Saint-Gobain North America Headquarters
- 9:30 AM: Break/Networking Opportunity
- 9:45 AM: LEED v4 vs. WELL Certification – The Crosswalks and Divergent Paths (Michael Pavelsky: The Sheward Partnership)
- 10:45 AM: Break/Networking Opportunity
- 11:00 AM: Using Transparency Documents To Design More Sustainable Buildings (Lucas Hamilton: Saint-Gobain)
- 12:00 PM: Q & A/Adjournment

Meeting includes continental breakfast.

Attendees are welcome to stay for lunch at Saint-Gobain’s cafeteria (lunch is optional, and the cost of lunch is not included in the meeting fee).

FEE: \$25

The meeting fee must be paid at the door on the day of the meeting, via cash or check only; credit cards cannot be used for payment. Please do not mail payments prior to the meeting.

All attendees **MUST** pre-register for this meeting. Saint-Gobain North America reserves the right to review and manage meeting attendance, so walk-ins will not be admitted.

To pre-register, please send your name, company name and email address to register@philaaaha.com no later than Noon on Monday, January 15th.



**Directions to Saint-Gobain North America
(20 Moores Road, Malvern, PA 19355)**

Driving directions to Saint-Gobain North America in Malvern, PA can be found at:

<https://www.saint-gobain-northamerica.com/sites/default/files/DrivingDirections-20MooresRdMalvern.pdf>

Enter the building via the main lobby, and check in with security.
All attendees will be required to provide a photo ID.



The American Industrial Hygiene Conference and Exposition is coming back to Philadelphia in May of 2018, and registration is now open!

Your Local Section Board has been working closely with AIHA to set up events at the conference. We are hoping to hold a social event for past and present Local Section members during the conference... stay tuned for details.

We will be looking for volunteers to help out with certain conference-related activities. If you would be interested in helping out, please email us at AIHCE@philaaaiha.com.

Speakers/Presentations:

LEED v4 vs. WELL Certification – The Crosswalks and Divergent Paths

In this presentation, we will discuss health and wellness-related changes in the LEED v4 (BD+C) rating system from v2009. We will also discuss health and wellness, as addressed by the WELL Building Standard. This session will highlight how the two rating systems, although different in their approach to address this topic, complement each other.

Objectives:

- Identify the impact of building design on human health and wellness
- Identify the key health and wellness-related changes from LEED v2009 to V4 (BD+C)
- Discuss the goals of the WELL Building Standard
- Describe how LEED v4 and the WELL Building Standard can be used to complement each other



Michael W. Pavelsky, AIA, LEED AP BD+C serves as Senior Associate and Sustainability Director for The Sheward Partnership, an architecture, planning and sustainability consulting firm with offices in Philadelphia, Baltimore and Minneapolis. For the past decade, Mr. Pavelsky has led a team of motivated sustainability professionals at The Sheward Partnership and has certified and managed nearly 600 LEED projects internationally across a wide range of market sectors. He also currently serves on the Board of Directors for the Delaware Valley Green Building Council and is past co-chair of the AIA Philadelphia Committee on the Environment.



Speakers/Presentations (continued):

Using Product Transparency Information to Design More Sustainable Buildings

When the facts are clear, you make the best decisions. This presentation will explore how transparency documents and sustainable design practices contribute to minimizing environmental impact of the built environment.

- Discover how Life Cycle Assessment and Environmental Product Declaration Publications help architects and owners select sustainable products that make a minimal environmental impact when specifying products
- Explain how publications such as Life Cycle Assessment, Environmental Product Declarations and the Product Category Rules are tools to elevate environmental impacts, select the best resources and promote LEED certification for building owners
- Review how Environmental Product Declarations and other clarifications contribute to minimal environmental impacts during product selection and contributes to sustainable design.
- Describe how sustainable design practices and product selection contribute to realizing minimal impacts to the environment during the manufacturing process.



Lucas Hamilton is a physicist with 30 years of experience in construction and construction products manufacturing. A graduate of Susquehanna University, his experience includes forensic building envelope diagnostics and testing, having participated in the investigation, evaluation and repair of thousands of buildings of all construction types, the development of non-intrusive construction analysis equipment and techniques, research and development of construction materials, and he is a practitioner of a variety of building performance simulation software. He holds patents for moisture detection electronics as well as innovative adaptive building materials.

For the past fifteen years, Lucas has been providing advanced technical, sustainability, and building science support to designers, builders, contractors, and owners as a service of Saint-Gobain and its construction materials manufacturing business CertainTeed.

Philadelphia Section AIHA Upcoming Meetings

- February:** Thursday, February 22nd (tentative date): Joint meeting with Philadelphia Chapter ASSE on the opioid crisis and its impact on the workplace
- March:** Ignite!-style short presentations by Local Section members
- April:** IH/EHS Legal Issues
- May:** No meeting (AIHce 2018)
- June:** Networking Social



Philadelphia Section AIHA Bylaws Update

Thanks to everyone who took the time to review recent changes to the Philadelphia Section AIHA's bylaws. Changes in Local Section practices and procedures made it prudent for a revision of the bylaws, which were last updated in 1999.

Nearly 95% of those responding voted to approve the new bylaws. These will be submitted to AIHA National for signature, and will go into effect in the near future.

Thanks for your participation in the governance of your Local Section.

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