

Greater Houston Industrial Hygiene Council

Notice of October 21st, 2010 Meeting

Meet at: University of Texas - Operations Center Building
1851 Crosspoint Drive
Houston, Texas 77054
(713) 500-3498

Time: 9:00 a.m. to 4:30 p.m.
Registration Begins at 8:30 a.m.
Parking: Please be sure to park in the fenced-in visitors' parking lot past the stop sign, cyclone fence and speed bumps. Parking violations will be given to those not parked in the designated area.

Dates: Third Thursday of even numbered months (Except Dec.)

Note: AIHA Gulf Coast Section meets during the odd numbered months

In 2010: February 18, April 15, June 17, August 19, **October 21**, December 9, (3RD Thursday of each even numbered month except December.)

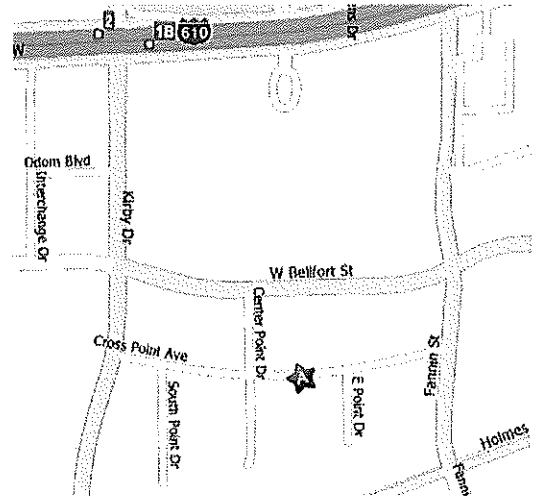
Cost: For Lunch and Meeting \$ 35.00
Meeting Only: \$ 25.00

Accepted forms of payment are credit card and check only. No Cash. When paying by credit card, (American Express, Discover Card, Master Card or Visa) advance payments can be made online via the SWCOEH website. Meeting walk-ins are welcome.

CM Points: 1.0 ABIH Certification Maintenance Point per full-day participation

Contact: Janet Wiiki CIH, CSP
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Reservations: **Reservations for meeting and lunch must be received no later than 10:00 a.m. on October 20th so proper catering arrangements can be made.** It is also very helpful to have an idea of the group size. Please let Janet Wiiki know if you plan to attend.



2:00 – 2:15 BREAK

2:15 – 3:30 Advanced Techniques to Detect Fungi in IAQ Investigations

There are times when spore traps and tape lifts are not enough in IAQ investigations. This presentation will explore the use of glucans, mycotoxins, and fungal allergens in IAQ investigations. Sampling techniques will be described along with pertinent research to help interpret the final data.

3:30 - 4:30 Roundtable Discussion – IAQ Investigations

Come prepared to discuss IAQ investigations that you have conducted. Be prepared to share investigative techniques that you have used and methods that you see emerging to address IAQ events.

4:30 ADJOURN

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Methods and Strategies for Industrial Hygiene

Session Arranged by: Janet Wiiki, CIH, CSP

8:30-9:00 Registration

9:00-9:30 Introduction and Announcements - Janet Wiiki CIH, CSP
ICU Environmental Health and Safety
A Total Safety Company

9:30-10:30 Helium Diffusion Sampling

Lisa will present an overview of the analytical process of helium diffusion sampling. Applications of this method for industrial practicing industrial hygienists will be included in the discussion.

Lisa Bell-Miller
Business Development Manager
A&B Labs
Houston, Texas

10:30-10:45 BREAK

10:30 -12:00 Molecular-based methods to detect fungi in IAQ investigations.

Using molecular-based methods in clinical investigations is now routine. For indoor air quality studies, these same techniques are becoming more common. This presentation will describe PCR methods that can be used to detect fungi as well as bacteria for IAQ investigations. These methods will be contrasted with more routine tests, including sampling techniques and data interpretation. Special consideration will be given to discuss the EPA's Environmental Relative Moldiness Index.

Jason K. Dobranic PhD
National Director of Microbiology
EMSL
Houston, Texas

12:00 – 1:00 LUNCH

1:00- 2:00 Industrial Hygiene – The Career

Janet will lead a discussion with the group on the direction we think the think the industrial hygiene profession is headed and how to attract young people into the field. Be prepared to discuss the evolution of your own career and how you came to choose IH as a profession.

Janet Wiiki CIH, CSP
ICU Environmental Health and Safety
A Total Safety Company