

Alabama Chapter
American Industrial Hygiene Association



Announces a 1-day PDC

**“Advancements in Exposure
Assessment –
Improving Data Interpretation and
Professional Judgment Using
Bayesian Decision Analysis”**

Thursday, February 11, 2010
Vulcan Materials – Liberty Park
Birmingham, AL
8 AM – 4 PM

Co-Sponsored by
Vulcan Materials and 3M

PROFESSIONAL POINTS:
ABIH CM point – under application. Anticipate 1 CM point.

COURSE OVERVIEW - The Bayesian statistical framework offers exciting opportunities for improving the accuracy, efficiency, and transparency of our exposure judgments. Bayesian techniques can be used to formally combine our professional judgment regarding a particular exposure and its uncertainty along with the statistical analysis of current exposure data. The language and framework of the approach holds promise for expressing the output of exposure assessments in a manner that is much more easily understood and communicated than the output from more traditional statistical analysis. Best of all, the Bayesian decision analysis approach formalizes traditional exposure assessment processes already used by industrial hygienists today. This course will provide an overview of the Bayesian framework for decision analysis and explore, through discussion and workshops, opportunities for its application in industrial hygiene data interpretation and exposure risk assessment.

FACULTY - **Perry Logan, CIH**

Perry is currently manager for 3M Corporate Industrial Hygiene. He has made numerous technical presentations on comprehensive exposure assessment, use of mathematical exposure models, surface and air sampling system technologies, and FTIR methods for industrial hygiene. He is a current instructor for “Bayesian Statistics for IH” and “Exposure Assessment Strategies and Statistics” and a past instructor for several other professional development courses (PDCs) related to gas / vapor detection and professional judgment decision making.

Perry was the 2006 Kusnetz Award recipient, the past Chair of AIHA’s Exposure Assessment Strategies Committee (2008), and AIHA’s Gas and Vapor Detection Systems Committee (2002). Perry has a BS in Chemical Engineering, MS in Industrial Hygiene and is currently pursuing his PhD in Environmental Health at the University of Minnesota.

Interested?

Registration attached.

REGISTRATION

**Bayesian Decision Analysis
Thursday, February 11, 2010
Birmingham, AL**

**Deadline: Registration must be received by February 4th.
Course size is limited.**

Name: _____

Title: _____

Company: _____

Address: _____

City State: _____

Zip: _____

Phone: _____

Fax: _____

Email: _____

___ **\$50 Member of AL-AIHA**

*** see note below on membership**

___ **\$75 Non-members**

Registration fees must be received in advance.

Refund requests must be made in writing one week prior to course. A 10% processing fee will be deducted.

Payment options:

___ Check (make checks payable to Alabama AIHA)

Mail checks to:

Alabama Power

c/o Dee Ward

600 N 18th Street

Birmingham, AL 35291-0234

___ Credit card (an email invoice will be sent for online payment)

Send registration via mail, email

(dmward@southernco.com) or fax (205-257-1039)

MORE DETAILS

Directions and a list of nearby hotels will be provided in confirmation letters.

ALABAMA AIHA

*Interested in joining AL section of AIHA? Members are safety and health professional who share a common goal of self-improvement by networking with peers and other specialist in their field. AL-AIHA annual dues are only \$10.

Contact Dee Ward, CIH, at 205-257-2022 or <mailto:dmward@southernco.com>

and receive an immediate discount off registering fees.