



Arkansas IH News Gems

President's Message

It's time to kick off the mentoring program. The mentoring program for the local section has been approved by the ABIH. That means that the CIHs that want to earn CM points can do so by being a mentor. A complete description of the mentoring program and application forms are available on the Local AIHA Web Site. We will need both mentors and mentees to make this program a success. Please sign up for the program and also help to identify young students and professionals that are seeking a mentor. If you have any questions please contact me.

Let's have some fun! Do you like to play trivia games? Would you like to win a prize? Here is the question: Can you name at least two founding members of the Arkansas AIHA Local Section? Send your answer to me at forrest.adams@tyson.com and if your answers are correct, you will be eligible for a cash prize drawing.

There are some minor rules to this trivia game. First, each member can only submit one response to the trivia question. You are considered a member if you are on the e-mail distribution list. However, the drawing will be at our next meeting, and we will include new members. Second, the prize will depend upon the number of local members that answer the trivia question. If you are the only person to submit an answer, you will win \$1. If 25 people submit correct answers, the winner will get \$25. Get the picture? So answer the trivia question, ask your friends if they received this newsletter, encourage your friends to join, share the correct answers, and come to the next meeting.

Forrest Adams

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Events:

- *Aug through Oct — Arkansas Department of Labor Regional Safety & Health Conferences (Details on page 3)*
- *August 10 — OSHA Update in Springdale at the Jones Center for Families*
- *August 17 — OSHA Update in North Little Rock at Pulaski Tech*
- *September 6-7 — Arkansas Workers' Compensation Commission Fall Forum (Details on page 6)*

If you would like your event listed in the newsletter please email me at:

pbarton@cteh.com

Editors Note:

The newsletter is a wee bit late. 😞

The drawing was intended to take place at the June 12th meeting. The next meeting is TBA.

In Memoriam

Mary Frances (Nix) Branton has been a member of our Industrial Hygiene Community for over 25 years. She recently lost her husband, **Eddie Branton**, who died of a heart attack and drowned while fishing in Lake Maumelle on 4/18/2007. Eddie was a veteran who served his country in the Air Force. He was an architect by profession and after retirement, donated his services to perform skilled work for churches and other needy establishments in Arkansas. Together, he and Mary worked to help institutions and communities.

Mary has served as past President of our local AIHA chapter and has worked in the areas of OSHA Consultation, Red Cross Safety & Health, FEMA, along with her volunteer efforts. Those of us in the Industrial Hygiene and Safety Community want to express our sympathy and prayers to Mary Frances and her family in their grief over Eddie's death. He was a good man and he will be missed.



OSHA Announces Targeted Inspection Plan for 2007

The U.S. Department of Labor's Occupational Safety and Health Administration (OSHA) recently announced that its 2007 Site-Specific Targeting (SST) plan will focus on approximately 4,150 high-hazard worksites in its primary list for unannounced comprehensive inspections for the coming year.

"Over the past nine years, OSHA has used a site-specific targeting inspection program based on injury and illness data," said Assistant Secretary of Labor for OSHA Edwin G. Foulke Jr. "This approach allows us to focus our enforcement efforts on those workplaces with the highest numbers of injuries and illnesses."

This year's program (SST-07) stems from the agency's Data Initiative for 2006, which surveyed approximately 80,000 employers to obtain their injury and illness numbers for 2005. The

program will initially cover worksites on the primary list that reported 11 or more injuries or illnesses resulting in days away from work, restricted work activity, or job transfer for every 100 full-time employees (known as the DART rate).

The primary list will also include sites based on a Days Away from Work Injury and Illness (DAFWII) rate of 9.0 or higher. Employers not on the primary list who reported DART rates of between 7.0 and 11.0, or DAFWII rates of between 4.0 and 9.0, will be placed on a secondary list for possible inspection. The national incident DART rate in 2005 for private industry was 2.4, while the national incident DAFWII rate was 1.4.

OSHA will inspect nursing homes and personal care facilities, but only the highest 50 percent of rated establishments will be in-

cluded on the primary list. Inspections will focus primarily on ergonomic hazards relating to resident handling; exposure to blood and other potentially infectious materials; exposure to tuberculosis; and slips, trips, and falls.

The agency will also randomly select and inspect approximately 100 workplaces (with 100 or more employees) nationwide that reported low injury and illness rates for the purpose of reviewing the actual degree of compliance with OSHA requirements. These establishments are selected from those industries with DART and DAFWII rates that are higher than the national rate.

Finally, the agency will include on the primary list some establishments that did not respond to the 2006 data survey.

2007 Regional Safety and Health Seminars

The Arkansas Department of Labor, the U.S. Department of Labor and the Arkansas Workers' Compensation Commission co-sponsor safety seminars across the state each year, sometimes with additional sponsorship from local safety associations.

These seminars differ from other safety seminars in that they are geared to the hourly employees, people on safety committees, and supervisors. Of course, personnel managers, engineers, maintenance workers, and plant managers are also welcome to attend.

Private Sector	
West Memphis	June 14
Bentonville	August 9
Texarkana	August 16
Batesville	Sept. 13
Jonesboro	Sept. 19
Monticello	October 4
Contact Judy Harwell at 501-682-9092 for information concerning the Private Sector Conferences.	

Public Sector	
Mena	June 21
Bella Vista	August 9
Hope	Sept. 5
Fort Smith	Sept. 26
North Little Rock	October 24
Contact Richard Steward at 501-682-4521 for information concerning the Public Sector Conferences.	

Each seminar lasts one day, with four or more subjects discussed at each location. A registration fee of \$20 covers lunch and all materials.

Ark AIHA Member Survey Tell Others What You Think!

For senior members (been IHs for over 10 years) – What piece of advice can you give to junior members of our organization?

Keep studying, there is always a newer way of doing things. Keep an open mind. Too many, my age quit when computers became a standard piece of equipment.

-Mary Frances Branton



"It's getting a bit stale, Jack. You need to think outside the box."

In your early career try to identify a work environment that will be preparing you for the future and try to select an area of Industry or Civil/Public Service that creates passion in you, the financial rewards will follow if you are passionate about what you do. Make these decisions early on, (when you are usually more flexible in where you live and what you do professionally) it will help ensure that you will be challenged and rewarded throughout your career as it may extend for many years.

Kent Harrison, CIH

Early on, become familiar with Industrial and Construction Safety – to the point where you can handle basic safety questions and problems. Know when to consult someone who knows more than you do.

Ed Hart, MS, CSP

Try to listen more than you talk. You can learn something from everyone you meet – if you just listen. Be considerate of others. People value their life and families as much as you do, so act accordingly.

Deborah Moore, Retired, CIH, CSP, CPE

Be open minded, & accept challenges as they are given out. The IH background makes you an excellent candidate for advancement especially in Safety and Environmental fields.

Get Supervisory experience early in your career, even if it's only class work.

If you are in consulting, realize that your customer is trying to do the best he can within resources.

Employers are going to assume that you are knowledgeable in Safety and Environmental areas, and in most cases you will be the most knowledgeable.

Realize that monitoring does not always tell the whole story, talk to people in the area, see if the day is normal, and ask them what the worse that they have seen. I have seen many reports that state exposure levels are within acceptable guidelines without clarification or adequate explanation. Ventilation or respirators may still be needed to control nuisance levels.

Peter Henige

For junior members (been IHs for under 10 years) – What piece of advice can you give to old timers in our organization?

I would like to continue to receive guidance and advice from those most experienced in the IH field. I am privileged to work with some very experienced and knowledgeable Industrial Hygienists. That being said, I enjoy having their expertise as a great resource and reference for my own personal growth in Industrial Hygiene.

Scott Skelton



"DON'T EAT THE HARD BIT ON ITS BACK, THEY MAKE YOU FART!"

Planning Underway for Fall Forum

**September 6-7, 2007
Hot Springs, Arkansas**

The Arkansas Workers' Compensation Commission will hold a special Fall Forum on September 6-7, 2007, at The Arlington Hotel in Hot Springs. Registration is \$250 before August 1, and \$300 on August 1 or later. The Fall Forum will focus on training for professionals who are active in workers' compensation and stakeholders in the Arkansas workers' compensation system, such as occupational health physicians, nurses, claims adjusters, human resource managers, and attorneys. The program will include:

- Instruction on Commission rules and forms, including the medical fee schedule and managed care rules
- Discussion of proposed AWCC rule and form revisions
- Legislative and case law updates
- An interactive Medical Forum, covering medical treatment, diagnosis, return to work, billing, change-of-physician, and independent medical examinations
- Workers' comp 101 for physicians and medical office staff

Program information and registration details will be announced on the Commission website at www.awcc.state.ar.us in the near future.

Hotel rooms are available at The Arlington during the Conference at a special rate - \$79 for single or double occupancy. Conference rates are available from Wednesday, Sept. 5, through Saturday night, Sept. 8, 2007. Contact The Arlington at (501) 623-7771 to make reservations.

A limited number of *exhibitor* and *sponsorship* opportunities are also available. For more information on exhibits and sponsorships, contact the International Workers' Compensation Foundation (I.W.C.F.) at (386) 677-0041 or IWCF@bellsouth.net.

EPA Study Looks for Better Asbestos Removal Technology

(Dallas, Texas – May 15, 2007) The U. S. Environmental Protection Agency announced the release of a draft report that evaluates an alternative demolition process for buildings containing asbestos. Scientists and engineers from EPA's National Risk Management Research Laboratory and the Dallas regional office compared the current process of demolishing a dilapidated, asbestos-containing structure with a new method called the Alternative Asbestos Control Method or AACM. The first demonstration project was successfully completed in Fort Chaffee, Arkansas. Preliminary findings show the AACM procedures to be protective for clean-up of many asbestos-containing buildings.

Two similar buildings at Fort Chaffee, Arkansas, containing similar types and quantities of asbestos,

were demolished in April 2006. One demolition utilized the alternative method and one utilized the standard National Emissions Standards for Hazardous Air Pollutants (NESHAP) method. As they were demolished, environmental emissions were monitored to determine if the alternative protected the environment as well as the NESHAP method.

The current NESHAP process involves removal of some asbestos materials prior to demolition of the structure. This process can be time-consuming and expensive. After demolition, the removed asbestos and the demolished structure are both disposed in approved landfills. Similarly, the alternative method removes some friable (capable of becoming airborne) asbestos materials, but some asbestos-containing materials are allowed to remain.

The structure is then wetted with amended water to control asbestos fiber release prior to and during demolition. Demolition debris and several inches of affected soil from the AACM process are disposed as asbestos-containing debris at an approved landfill. Data from the evaluation demonstrated lower than expected levels of asbestos and reduced potential for worker exposure. The cost and time-savings for the first study were significant.

The draft report has been released for public comment and for peer review by a select panel of experts. The public is invited to review the draft report and submit comments by June 11, 2007. The draft report is available at:

<http://www.epa.gov/region06/6xa/asbestos.htm> .

REACH Takes Effect

New European Commission Directive to take effect June 1

June 1, 2007 marks a new direction for chemical legislation in the European Community. REACH (Registration, Evaluation, and Authorization of Chemicals) will take the place of over 40 different Regulations and Directives that have been established and in use over a number of years. The ultimate goal of REACH is two-fold, one is to establish a comprehensive framework for protecting human health and the environment from chemical risk and the second is to increase the competitiveness of the chemical industry within the EC. REACH is substance based not product based, so all manufacturers will have to know the substances that make up their raw material.

REACH will create a single system for what are now called "existing" chemicals and "new" chemicals. Previously, "existing" and "new" chemicals had their own set of regulations. Existing chemicals are the 100,000+ chemicals that have been used within the European Community between January 1, 1971 and September 18, 1981 and have an EINECS (European Inventory of Existing Commercial Chemical Substances) number. "New" chemicals are the 3,800+ chemicals that have been marketed since 1981. Under REACH "existing" and "new" chemicals will be known as "phase-in" substances. Also included in the "phase-in" list are chemicals that have been manufactured within the European Community market but have not been sold within the market for the past 15 years or Directive 67/548 the "no longer polymers" regulation. To qualify as a "phase-in" substance, a manufacturer or importer, who is bringing in more

than 1 metric ton of a substance, has to preregister the substance between June 1, 2008 and December 1, 2008.

Once a substance has been preregistered then you may have up to 11 years to file the complete registration. Registration timetables will be set by the classification of the material and the volume of the material being brought in. Every substance must be registered unless it is specifically exempted. If you miss the window of opportunity to preregister, you will have to file a complete registration prior to bringing the substance into the EU. Another advantage to preregistration is access to SIEFs (Substance Information Exchange Forms). Part of the registration process is the creation and submission of a technical dossier. The technical dossier contains information on the properties, uses and classification of the material, as well as recommendations for safe use. Hazard data can be shared between registrants who are using the same material by accessing the SIEFs. This can greatly reduce the burden of assembling hazard data.

If you are planning on bringing 10 metric tons of material into the EU, you will also need to complete a chemical safety report. The chemical safety report must contain exposure scenarios pertinent to all "identified uses" of the material. This is in addition to risk management measures and the operational conditions required to use the material. Exposure scenarios must be integrated into M(SDS) for communication within the supply chain. According to the European Commission's [Reach in brief](#) document, page 10, "The primary tool for information transfer is the well-established and familiar

safety data sheet (SDS) for all dangerous substances. The provisions of the current Safety Data Sheets Directive (91/155/EEC) are carried over into the REACH Regulation and the Common Position added the requirement for SDS to be provided for substances that are PBT and vPvB and preparations containing them. As more information will be available as a result of registrations the quality of the safety data sheets will improve. Where chemical safety assessments are performed according to the registration requirements, relevant exposure scenarios shall be annexed to the safety data sheet and shall thus be passed down the supply chain. New information on hazardous properties and information that challenges the quality of risk management measures in the safety data sheets shall be passed up the supply chain."

A key aspect in looking at REACH is where you fit in the supply chain. If you are an importer or material supplier, you will have to know what substances are being used and forecast the volume. All substances will require registration if the volume necessitates it. If you preregistered, you may have additional time but sooner or later you may need technical dossiers, chemical safety reports and authorization information. REACH requires that all downstream users and distributors have all the information necessary to safely handle a chemical. This information includes health and safety, environmental properties, risks and suggested risk management measures.

Job Announcements

St. Jude Children's Research Hospital

Industrial Hygiene Technician - 14005 - Environmental Health and Safety

Job Description:

The Industrial Hygiene Technician works under the supervision of the Industrial Hygiene Officer. Tests, certifies, maintains and repairs biological safety cabinets, clean work stations and fume hoods. Conducts performance tests of air handling unit HEPA (high efficiency particulate air) filtration systems. Conducts air quality studies and exposure assessments. Responds to hazardous material spills, while serving as a member of the institutional hazardous materials response team. Performs respirator fit-testing of institutional employees. Maintains a working knowledge of health and safety standards and guidelines, including those set by TOSHA (Tennessee Occupational Safety and Health Administration), JC (Joint Commission), EPA (Environmental Protection Agency), NSF (National Sanitation Foundation), TDEC (Tennessee Department of Environment and Conservation), ACGIH (American Conference of Governmental Industrial Hygienists) and NIOSH (National Institute for Occupational Safety and Health). (AC)

The position can be viewed here: <http://www.stjude.org/careershospital>

Dassault Falcon Jet

Job Num: LIT051

<http://www.dassaultfalcon.com/careers>

Safety/Industrial Hygienist

Implementation and administration of the Industrial Hygiene Program of Dassault Falcon Jet-Little Rock.

Responsibilities:

Administer DFJ Industrial Hygiene Program.

Oversee of Industrial Hygiene risk/hazard identification, in accident avoidance/prevention, and muscular skeletal disorders (MSD's) and ergonomic safety analysis.

Ensure employee compliance with proper safety procedures and directives.

Interpreting MSDS (Material Safety Data Sheets) relating to employee health and safety.

Perform several Industrial Hygiene inspections daily on assigned shift.

Implement and coordinate all OSHA safety required training for all DFJ personnel.

May assist in representation of DFJ-LR with Federal and State regulatory personnel.

Serve as emergency team member or on-scene commander for crash or rescue mishaps.

Required Qualifications

BS degree with emphasis on Industrial, Occupational (Health/Hygiene) or Engineering or equivalent work experience.

Minimum of three years experience in OSHA Safety related functions.

Knowledgeable in Federal, State, and local regulations and codes relating to OSHA safety.

Ability to review and interpret Regulations (29CFR) company policies, safety standards, and effectively communicate compliance to employees.

Knowledgeable in HAZCOM, hazardous material and hazardous waste.

Computer skills including word processing, spreadsheet and database applications.

Desired Qualifications

Experience in Aviation or Transportation related industry.

Experience with OSHA regulatory exposure/compliance in environmental controls, machine/equipment guarding, personnel protective equipment application, and building constructions.

Some experience with chemical security/disaster response/inclement weather or related experience (i.e., OSHA action/emergency/contingency plan).

OSHA 10, 30, or 40 hour certification.

Job Announcements

Center for Toxicology & Environmental Health, LLC

Industrial Hygienist/Environmental Scientist

This position is located in North Little Rock, AR and reports to the Manager of the Toxicology Emergency Response Program.

Minimum requirements include the following:

- Bachelors degree in biology, chemistry, toxicology or related field
- Available for out of town travel with minimum notice
- Familiarity with data management and word processing software
- Able to perform duties in work setting with potential physical and chemical hazards including, but not necessarily limited to, lifting of heavy objects, extreme weather conditions, rapidly moving transportation and remediation equipment, and physical stress associated with cumbersome personal protective equipment
- Current drivers license
- Able to work overtime or on weekends, if necessary

Senior Consulting Environmental Chemist

This position is located in North Little Rock, AR.

Minimum requirements include the following:

- Minimum of a Masters degree in chemistry or related sciences
- Experience: M.S. (>15 years), Ph.D. (>8 yrs)
- Available for out-of-town travel on minimal notice
- Familiarity with date management and word processing software
- Experience with data validation
- Experience with environmental sample analysis
- Able to work overtime and on weekends, if necessary

Please e-mail resumes as .doc or .pdf attachments to: tcox@cteh.com. No phone calls please. Several other positions are currently available. Please visit www.cteh.com for additional information.



If your organization currently has an Industrial Hygiene related position available and you would like it posted on the local section website and published in the newsletter, email me at pbarton@cteh.com.





Will Our Kids Have it and at What Price?

(From your "roving reporter" Deborah Moore)

Newsweek's reporter Mary Carmichael wrote on 6/4/07 a sobering article on the state of the world's water supply. Your reporter is summarizing some of the salient facts that our AIHA membership may not be aware of.

- More & more of the world's people, mostly women and children, spend their entire day looking for water.

- Often the water they do find isn't sanitary. The fix? Maybe simple or maybe complex. High Tech ultraviolet filters or low tech - filling clear bottles & letting the hot sun kill the bacteria inside.

- In some countries, they have water but there is a severe problem of distribution and water contamination. This is happening in China and India. In many of China's formerly great rivers, marine life no longer lives due to industrial poisons & raw sewage. Why should we care in America? Because this contaminated water is used to irrigate the fields the Chinese use to grow their food. The food that is grown absorb the contaminants. Remember the last contaminated pet food scare at your house? How's Fluffy or Kitty doing?

- If this sounds cold hearted, Chinese officials are more likely to respond to loss of crops or economic pressure than on loss of life. (Deborah's note – China's minister of Food & Drug was sentenced to death after the last American pet food recalls.)

- In India, water distribution is a severe problem. That is distribution to people is lacking. India favors agriculture – it gets 90% of the water supply. Agriculture only makes up 25% of the GPD. For example, a recently built Coca-Cola plant in Kerala had to be shut down because it was using so much water the villagers were left with none.

- India still focuses on water guzzling crops like wheat, cotton, and sugar cane. India's dairy farmers also grow alfalfa, a water guzzling plant to feed their cows.

- India's water table is dropping 10 feet a year. Does all this sound familiar to anyone around in Arkansas? California? Oklahoma?

Water wars

Palestinians accuse Israelis of overusing water. Due to geogra-

phy, rain water flows to the Israeli side. Palestinians are banned from sinking new wells. They have to buy water from Israel. The Six Day War started over a water dispute.

Israeli soldiers have been accused of shooting up water tanks in retaliation for terrorist acts. They have also been accused of running yard sprinklers in front of thirsty Palestinians (Deborah's note: Where does this put my mom who waters her yard too much?)

In Africa it is not uncommon for warring factions to poison water wells with bodies of slain or still living victims.

When we are whining about how much gas costs, remember, some people are paying more for a gallon of water than we are paying for a gallon of gas.

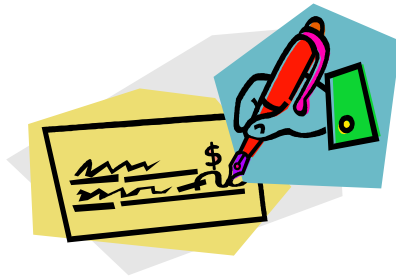


Justice N. Y. B. Adade, retired Supreme Court judge, Ghana

"I hazard the opinion that if the rural people can have clean water almost for free, we shall have broken the back of this enemy called poverty".

Reminders and Notices

To help fund more educational and networking opportunities, we will be collecting dues this year. The dues are only \$10 and you can mail a check to David Trigg.



The checks should be made out to AIHA-AR Section at the following address:

David Trigg
59 Trigg Lane
Arkadelphia, AR 71923

YAHOO!

Become a member of the AIHA-AR Yahoo! Group
<http://health.groups.yahoo.com/group/AIHA-AR/>

The purpose of the AIHA-AR Group is to facilitate, improve, and retain electronic communications between members of the Arkansas local section of the American Industrial Hygiene Association (AIHA). Members may issue group e-mails by simply sending the message to the Group instead of individually maintaining a current list of members' e-mail addresses.

To subscribe to AIHA-AR, send a blank (subject line and message) e-mail message to:

AIHA-AR-scribe@YahooGroups.com

30th Birthday!!!

Did you realize that this November will be the 30th birthday of the local section? I haven't been a local section member for very long but it seems as though this is cause for celebration. It would really nice if I could get some local section history and stories from years past for the next newsletter. Contact me at pbarton@cteh.com or at 501-240-6722.



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What Is AIHA?

The American Industrial Hygiene Association is one of the largest international associations serving the needs of occupational and environmental health professionals practicing industrial hygiene in industry, government, labor, academic institutions, and independent organizations. We:

- are devoted to achieving and maintaining the highest professional standards for our members;
- work in conjunction with the American Board of Industrial Hygiene to promote certification of industrial hygienists;
- administer comprehensive education programs that keep occupational and environmental health and safety professionals current in the field of industrial hygiene;
- operate several highly-recognized laboratory accreditation programs, based on the highest international standards. These programs help ensure the quality of the data used in making critical worker protection decisions.

Founded in 1939, AIHA is a nonprofit organization with more than 75 local sections. The Arkansas Local Section of the AIHA was formed in 1977. Any member of the AIHA, residing within the geographic boundaries of the Arkansas Local Section may become a member of the Local Section. For more information contact forrest.adams@tyson.com