



Florida American Industrial Hygiene Association

2005 – 2006 OFFICERS

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President's Message

Life is a struggle. Hardships exist in our normal everyday living. Commitments tug at our normal routines. Work, family, friends all require an effort to maintain a healthy rewarding and fulfilling life. Where does your Florida AIHA organization fit into all these demanding priorities? I know personally that it's not number 1 or 2. It's not even in the top 5. But it is important. Where would we be without it? It's been there for me since the late 70s when I considered career options. It was there when I became a CIH. It will be there when I retire. But will it? All things in life that bring meaning require continuous effort. Our organization is no different. What can we do to help assure FAIHA will be there tomorrow? Well without much effort there are several. I, like most people, procrastinate. I know I will be at the next conference but do not register until the last moment. If we register early the organization can plan events and possibly reduce costs based on increased members. Volunteer – join a committee, help during conferences, spread the work and reduce each individual's effort. Soon the Fall Conference will be here and the planning has been done by several hard working members. Let us make the Spring Conference easy. Register early and volunteer. The effort will be minimal but the rewards will be gratifying.

American Industrial Hygiene Association Government Affairs Department

August 12, 2005

Congress in "Recess"

Several Issues Still Awaiting Action

OSHA and NIOSH Budgets Still Unclear

Congress left for its annual "summer recess" the first week of August and is not scheduled to return until after Labor Day. While completing action on several major issues and several of the '06 appropriations bills, one of those still left to be debated when they return will be the 2006 Labor, Health and Human Services, Education measure.

The part of the this year's budget important to AIHA and other occupational health and safety stakeholders is the funding for NIOSH. Congress has also taken an interest in this area, even though it represents only a little over a quarter of a billion dollars in a budget that totals hundreds of billions of dollars.

To recap, the President recommended NIOSH receive approximately \$252 million for fiscal year '06. The House went along with this request when they passed the bill. The Senate Committee has appropriated approximately \$257 million for NIOSH. The Senate proposal, if adopted by the full Senate, would then have to

be sent to a conference committee with the House to work out any differences.

However, the big debate in all of this continues to revolve around the reorganization taking place within CDC and where NIOSH ends up. While CDC has attempted to place NIOSH within one of the four new coordinating centers, stakeholders and Congress do not agree with this move. Last year, Congress suggested that CDC maintain the "status quo" with NIOSH. This year the House and Senate have gone even further, stating that "the Committee recognizes NIOSH as one of the Agency's 5 coordinating centers.... and that CDC should afford NIOSH all the rights and privileges of this status within the organization".

But there's more! One of the concerns raised the last couple of years has been the increasingly high cost CDC subtracts from the NIOSH budget to pay for "administrative costs". This past year, these costs amounted to approximately \$35 million. The House and the Senate decided to cap these amounts, essentially telling CDC that no matter what NIOSH receives in the future, these costs can not be raised. The \$35 million has been removed from the NIOSH budget as a permanent withdrawal.

The Conference Committee discussions will be very interesting indeed.

American Industrial Hygiene Association Government Affairs Department

Aaron K. Trippler, Director 703-846-0730
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A

Indoor Air Quality in Cars by David J. Silver, CIH

It occurred to me that we spend a lot of time in our cars driving to work, going to the mall and for some it is an occupation. So why should the public be concerned? Previous studies demonstrate that occupied spaces inside buildings may be unhealthy. The EPA has demonstrated that these spaces may harbor mold, bacteria, point source contaminants and radon. Vehicles are occupied spaces that have received little attention. The interior of a vehicle exposes passengers to increased carbon monoxide, ultrafine particles and vehicle exhaust. Chronic exposure to these contaminants may cause an increase in cardiovascular disease.

Previous studies have demonstrated positive associations of CV disease and chronic exposure to chronic exposures of low part per million carbon monoxide. Animal studies provide evidence that cardiac cellular changes are associated with ultrafine particle exposures. Chronic ultrafine particle exposures are

associated with increases of acute cardiovascular disease risk as well as lung function decreases. The acute effects of cognitive stress such as increased heart rate and catecholamines are associated with known pathogenic factors in cardiovascular disease. Stress induced catecholamines have triggered cellular changes in cardiac tissue.

Highways and roads are a point source for carbon monoxide, soot, ultrafine particles, and vehicle exhaust gases. For some persons, driving induces mental stress. The car interior can become a point source for tobacco generated ultrafine particles, carbon monoxide and hazardous constituents. Tobacco smoking adds to the cardiovascular risk encountered from driving. Interior contaminant concentrations rely on filtration, air exchange and interior sources. Infiltration and exfiltration to the automobile interior varies with vehicle conditions. Greater ex-

change occurs when windows are opened and the car's speed is increased. Temperature and RH affect coagulation of airborne ultrafine particle concentrations. According to Arbitron Inc. (NYSE: ARB), an international media and marketing research firm, the national average commute time for drivers in Tampa is 25.6 minutes.

Exposure to traffic pollutants depends on the driving time, geographical pollutant apportionment, vehicle environmental conditions, filtration and point source contaminants. Duration of exposure due to driving time depends on the commute time or occupation. Vehicle indoor air quality may be an important factor for truckers and delivery persons.

Teleweb—Nanotechnology

NEW TeleWeb Virtual Seminar

Nanotechnology: Overview and Relevance to Occupational Health
LIVE on September 14, 2005 from 2:00-4:30 p.m. ET

Presented by Andrew Maynard, PhD, MInstP, CPhys
For complete course information and pricing, go to www.aiha.org/UpcomingTeleWebs.htm

Save \$50 when you register before the September 2nd early registration deadline.

Looking for information on nanotechnology? Look no further! AIHA's upcoming TeleWeb will provide you

with a general introduction to major questions:

- ~ What is meant by "nanotechnology?"
- ~ How engineered nanomaterial characteristics potentially influence health risk?
- ~ What challenges nanotechnology presents in protecting safety and health in the workplace?
- ~ How current knowledge and awareness of working safely with engineered nanomaterials can be applied?
- ~ Why research needs to enable quantitative risk assessments in the future?

Plus, you can get your specific questions answered directly during our extended questions and answer session.

Don't miss out on this excellent presentation. Register to attend or

order your CD today!

~ Web/Fax/Mail: <http://www.aiha.org/DistanceLearning/TeleWeb2005Nano.htm>
~ Phone: (800) 651-7916

** If you've already registered, please forward to a friend who will benefit from this exciting educational event. **

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2700 Prosperity Ave, Suite 250, Fairfax, VA 22031
Phone: (703) 849-8888

Ergonomics Activity

OSHA recently rejected an assertion that its ergonomic guidelines did not meet the standards established by the Information Quality Act. The assertion was made by the National Coalition on Ergonomics in a request that OSHA withdraw and revise its ergonomics guidelines for the nursing home industry, retail grocery stores, and poultry processing. The group said that the guidelines were not objective and presented only one side of the ergonomics debate and did so with almost no reference to scientific research.

In OSHA's letter denying the assertions, OSHA pointed out that the information provided in the guidelines is supported by analyses conducted by the National Academy of Science and NIOSH.

Michigan Politicians Debate Ergonomics

For the second straight year, lawmakers in the State of Michigan are debating the issue of ergonomics. While a Michigan ergonomics panel continues to plug away at defining key terms in a draft ergonomics standard, the Michigan House and Senate have drafted state budget language that would prohibit Michigan OSHA from spending any money on an ergonomics standard.

This is the second year this debate has occurred. Last year, after similar efforts, the Governor convinced the lawmakers not to include the language in the budget, supposedly assuring them (privately) that an ergonomics rule would not be signed into law. However, after not going public with this compromise, work continued on the ergonomics draft.

Now, the same scenario appears to be playing out. We will simply have to wait until around October, when the budget is supposed to be finalized, to see how this debate comes out

Texas Enacts Law on Patient Handling

Meanwhile, Texas has become the first state to regulate patient handling and movement in hospitals and nursing homes. The new law, signed by the Governor in June, will require hospitals and nursing homes to adopt and ensure a policy to identify, assess, and develop strategies to control risk of injury to patients and nurses associated with the lifting, transferring, repositioning, or

movement of a patient.

According to those involved with drafting the new law, it was not to require mandates, but to encourage health care facilities to look at the issue and examine the cost effectiveness of new systems or equipment. However, supporters stated that no purchases are necessary; but it is anticipated that some facilities will purchase new equipment to assist in reducing overall costs of injuries.

American Industrial Hygiene Association Government Affairs Department

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A

Upcoming FLAIHA Meetings

Fall Conference at the World Golf Village in St. Augustine. Thursday, September 29 and Friday, September 30th.

Reservations Number is 1-888-740-7020. Cut off date for our rates is: September 8, 2005. Room rate is \$109. There is also a 1-bedroom suite rate at \$159.

Professional Development Courses

Title: Environmental Health Risks arising from Water and Air
Instructor: **Amit Gupta, Nalco Company**

Title: Mold Contamination of Buildings: Assessment, Remediation Specifications, Project Oversight and Post-Remediation Assessment
Instructor: **David Krause, MSPH, Ph.D.**

Conference Agenda for Friday, September 30, 2005

7:30 am - 8:00 am	<p>Registration and Continental Breakfast</p> <p>Vendor Displays</p> <p>Welcome Allan Schreiber, CIH – President, Hygeia Health & Safety Services, Inc. President, AIHA – Florida Section</p> <p>Maximizing VOC Sampling and Analysis Resources Fred Posey, CIH – Senior Scientist Galson Laboratories</p> <p>Introduction to Bacterial Evaluation, Building Ecology, Sampling and Equipment Applications, Part 1 Suzanne S. Blevins – Corporate Principal, Laboratory Director Aerobiology Laboratory Associates</p> <p>Break and Vendor Displays</p> <p>Introduction to Bacterial Evaluation, Building Ecology, Sampling and Equipment Applications, Part 2 Suzanne S. Blevins – Corporate Principal, Laboratory Director Aerobiology Laboratory Associates</p> <p>Government Affairs Update Aaron K. Trippler – Director, Government Affairs AIHA</p> <p>Luncheon and Business Meeting</p> <p>Vendor Displays</p> <p>OSHA Strengths and Weaknesses: What Can We Do About Them? John L. Henshaw, CIH, ROH – Former Assistant Secretary of Labor for Occupational Safety and Health Henshaw & Associates</p> <p>Respirable Crystalline Silica: Update on Toxicology, Regulations, and other Issues Tom Hethmon, CIH, ROH – Vice-President, Safety & Occupational Health Rinker Materials Corporation</p> <p>Break</p> <p>ANSI Z10 and its Safety Management Systems: What Impact Does it Have on Industrial Hygiene and Why Should You Care? Jonathan M. Haas, CIH, CSP – Senior Consultant STAR Consultants, Inc.</p> <p>Closing Remarks Sherri M. Nickell, CM, SGE, Senior Industrial Hygienist, United Space Alliance President-Elect, AIHA – Florida Section</p>
7:30 am - 8:00 am	
8:00 am - 8:05 am	
8:05 am - 9:00 am	
9:00 am - 9:55 am	
9:55 am - 10:35 am	
10:35 am - 11:30 am	
11:30 am - 11:45 am	
11:45 am - 1:15 pm	
1:15 pm - 1:45 pm	
1:45 pm - 2:40 pm	
2:40 pm - 3:35 pm	
3:35 pm - 4:05 pm	
4:05 pm - 5:00 pm	
5:00 pm - 5:05 pm	

If you have become a mold/fungi expert, but feel the need to understand how Bacteria can negatively impact health and the environment as well, register for Aerobiology's Course:

“Introduction to Bacterial Evaluation” (3 hour)

COURSE Schedules:

Attendees will be introduced to bacteriology, bacterial classification, bacteria in the indoor and outdoor environments, human effects, general concepts of building investigations, unique settings and guidelines/Standards, laboratory coordination, the importance of a sampling plan and choice and use of sampling equipment.

Course Dates:

Sept 20, 2005 9:00am – 12:00pm

GSS Training Center 12351 Sunrise Valley Drive, Reston, VA 20191 - **65.00/person**

November 10, 2005 9:00am – 12:00pm

GSS Training Center 12351 Sunrise Valley Drive, Reston, VA 20191 - **65.00/person**

Contact Edith Winbush, Aerobiology Laboratory Associates, Inc. 877-648-9150 to register.

Introduction to Bacteria Evaluation, Building Ecology, Sampling and Equipment Applications (3 Hour)

Aerobiology Laboratory Associates, Inc., one of the nation's leading fungal and bacterial testing laboratories is sponsoring a BACTERIAL TRAINING PROGRAM that will instruct you on the how and why of mold collection, laboratory analysis and data interpretation.

Registration Contact Aerobiology's Reston Lab: Toll free 877-648-9150. Prepayment required. Credit Cards accepted.

Topic Introduction to Bacterial Evaluation, Building Ecology, Sampling and Equipment Applications

Category Environmental Bacterial Training

Location & Date Please see schedule on website

Price \$65.00/person.

Who Should Attend Industrial Hygienists, IAQ Specialists, Building & Environmental Investigators, Home Inspectors and all related building science disciplines, Facility Managers, Home Owners, Building Managers and Owners

Benefits Attendees will receive an introduction to bacteriology, general concepts of building investigations, laboratory-coordination procedures, the importance of a sampling plan, and choice and use of sampling equipment.

CEU/CMs available 3 CEUs IAQA (CMR, CIE, IESO certification renewal)
3 CEUs NAHI ; 1 CM ABIH (# 05-1479)

Aerobiology LABORATORY

Lead-Paint Inspections in Florida – Who Can Perform an Inspection?

J. Perry Brake, Senior Consultant, AMRC

In order to understand Lead-Based Paint (LBP) inspection requirements in Florida one must start with Title X (Title X). Promulgated in 1992, Title X included provisions for defining and controlling lead poisoning in the United States. Since Title X was first published the requirements have been promulgated in various Code of Federal Regulations (CFR) with specific duties assigned to the following federal entities:

- U.S. Housing and Urban Development - HUD
- U.S. Environmental Protection Agency - EPA
- Occupational Safety and Health Administration – OSHA

At the time of this writing, Florida has not established regulations or licensing requirements pertaining to LBP inspection or abatement. However, the federal entities listed above do have requirements, and are actively enforcing their regulatory requirements pertaining to lead and lead-based paint inspections, training, construction and abatement.

Key Definition - Target Housing is defined as any housing built before 1978.

Understanding the definition of Target Housing is key in understanding LBP requirements in Florida. Please notice in the definition above that target housing is not limited solely HUD or Indian owned housing. Target housing is ANY housing built before 1978. As with most regulations there are a few exceptions – this article will not discuss the exceptions. Title X and subsequent CFR (HUD, EPA and OSHA) regulations are the driving regulations currently in place in Florida.

EPA requires, by **Regulation**, every LBP inspection be done by:

- Certified Persons (either a Lead Paint Inspector or Risk Assessor) working for a
- Certified Firm

In Florida, any LBP Inspection must be associated with a minimum of 2 (two) EPA certification numbers – the individual and the firm. LBP inspection done without either of these two numbers would be in violation of Under Section 402 of the Toxic Substances Control Act.

In Florida every lead-paint inspection must be conducted by a person holding an EPA Certification valid in Florida and the firm conducting the inspection must also be Certified by the EPA for Lead-Based Paint Activities in Florida.

A LBP inspection generally consists of a room-by-room, surface-by-surface, interior and exterior evaluation of all dwelling surfaces (excluding furnishings) that are painted, stained, shellacked or varnished. LBP inspections conducted in Target Housing must follow Guidelines established by HUD in 1995 and revised in 1997. A typical LBP inspection of a single-family dwelling will include approximately 130-150 individual samples analyzed by either XRF or paint chip analyses.

In summary, a person conducting a Lead-Based Paint Inspections in Florida must be a EPA Certified Lead Paint Inspector or Risk Assessor, and must also be working for an EPA Certified Lead Paint Activities Firm. EPA Region 4 from Atlanta, Georgia is actively auditing and enforcing these requirements.

This article does not address the requirements for **when** a dwelling must be inspected.

Job Opportunities

EHS Compliance Specialist-Entry to Mid Level (JISC-1), Jacksonville

The candidate will be responsible for supporting the Compliance Services Group with technical and field assignments related to environmental auditing, permitting, and asbestos/lead/mold assessments and abatement. Consulting and/or Industrial experience is a plus. The candidate will be responsible for all aspects of project work. Must be able to interface clients and regulatory agencies, as well as be familiar with federal and Florida DEP environmental regulations.

Bachelor's degree in Environmental Science, Chemistry, or Engineering, Master's degree is desirable. Experience required is 0 to 5+ years. Excellent written and verbal communication is a must. Golder Associates Inc. is a strong advocate of the team approach to understanding projects and problem solving. Accordingly, the candidate will be expected to interface and work with multi-disciplinary teams. Also required is a willingness to travel as dictated by project demands

Knowledgeable in a variety of environmental compliance areas including CWA, CAA, RCRA, TSCA, OSHA, DOT, FIFRA, etc. Training for Hazwoper, asbestos, mold, lead, etc. is a plus.

Please summarize why you would be interested in the position and what key experience you would bring to Golder. We are an Equal Opportunity Employer and we provide a Drug free work environment

If you are interested in applying, please respond directly to Katie Murphy.
No telephone calls please. kemurphy@golder.com

Safety Manager, Tropicana US.—Industrial Health & Safety Manager

Position Description:

Assess, maintain, and improve current industrial safety related processes on a continual basis.
Develop & implement general accident prevention processes to include specific procedures and policies.
Insure compliance with existing safety regulations and advise management on changes to the regulations that may impact current operations.
Maintain existing procedures and develop all new procedures to meet OSHA voluntary protection (VPP) requirements, as well as federal, state and local regulations.
Coordinate with engineering and operating departments to insure new projects are implemented with proper safety and health precautions in place.
Establish training and education guidance to employees of all levels. Support the same for industrial hygiene processes as needed.
Support the Hazardous Materials response team.
Lead the Plant Safety Committee, and participate on cross-functional teams as needed.
Manage the accident/incident reporting and investigation process.
Establish safety training and educational guidance to train associates to recognize hazards, conduct inspections, train others, investigate accidents and enforce rules.
Develop and implement the Integrated Contingency Plan (ICP) and the Emergency Response Program.
Actively participate on TPN teams. Manage safety using the key program elements and organizational practices as defined by PepsiCo's HSE Management Team.

Minimum Job Requirements:

Seven years working within the Safety/Industrial Hygiene/Occupational Health field. Past experience must include professional work level in a manufacturing setting or equivalent setting with a demonstrated progression towards complete independent professional work activities. At least three years demonstrated leadership skills (i.e. direct supervision of technicians or providing mentor training for less experienced safety personnel, or committee members). Knowledge and experience at an OSHA VPP site is desired.

You can apply to this job at:

http://pepsi.softshoe.com/cgi-bin/job-show?J_PINDEX=J7340950W

EOSH Positions

Job Title:

EOSH Professional (Senior-level)

Locations:

Anchorage, AK

Tampa, FL

Sacramento, CA

Responsibilities (Job Description):

The EOSH Professional shall be responsible for developing procedures, processes, standards, specifications, and systems to achieve optimal control or reduction of hazards and exposures, which may harm people, property, and/or the environment. This involves serving as a part of a multi-disciplinary team in analyzing field level hazards producing mechanisms; researching regulatory, scientific and engineering written materials; recognizing, evaluating and developing the necessary controls for occupational health hazards and safety concerns; initiating and providing written documentation; attending meetings and providing professional opinions on matters affecting occupational safety and health; and traveling to and visiting field activities when directed by the customer. The particular expertise required will depend on the specific requirements of the Task Order.

Required Qualifications:

Successful completion of a bachelor's degree in the appropriate specialty from an accredited college or university; or alternatively a bachelor's degree in engineering, engineering technology, natural/physical sciences, industrial technology/education, or business/psychology. The degree shall support the particular specialty or engineering discipline identified in the Task Order. A minimum of ten years experience at a professional level in the specialized field, involving the prevention of harm to people, property, and/or the environment is required or certification by a recognized professional accrediting organization. Computer literacy in word-processing, spreadsheets, database and presentation software packages is required.

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Striving for Excellence

FLAIHA Newsletter

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The FLAIHA is a non-profit organization dedicated to the enrichment and success of it's members.



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50 New Members by 2006

FLORIDA AIHA WEBSITE—GRAND OPENING

<http://www.aiha.org/LocalSections/html/florida/florida.htm>

We now have a website

