

MIHS PRESIDENT'S MESSAGE

Lisa Quiggle, CAIH



This is my last President's message since my term expires in March 2006. It has been an interesting time. I must say that I would have never considered taking on this commitment if my arm hadn't been severely

twisted by one of our Past-Presidents, Tom Kakos. Since then, Tom has tread lightly around me, concerned that I would say, "What have you gotten me into?!". But I must say thank you to Tom, because now I know what I have 'gotten into'.

One of my first positions that I had was in a chemistry lab after I graduated from college at a small environmental firm in Ann Arbor. I did not realize when I started there that everyone in the environmental field had either heard of the place or had actually worked there. I had become a member of the environmental community, because I had an association with 'the ERG'. It always was a great conversation starter, and I have been introduced many times with 'she worked at the ERG'.

When I changed careers into industrial hygiene, as many of us do, I was searching for a connection with the industrial hygiene community, and I have found it though participating in MIHS. Now when I go to a conference, or meet up with a group of IHS, people recognize me through my participation in MIHS. If you look at the past Board members on our web page, and at the membership rosters of various national boards, you will find our past and present Board members on the Boards of AIHA, AIHF, ABIH and many AIHA Committees.

This creates a large network of past and present MIHS members throughout the IH community. When I go to a conference, or meetings out of state, people ask where you are from, inquire about MIHS, and the conversation begins.

My time on the Board has been made ever so much easier by all of the great people who have been on the Board though the years. Anytime I have asked for help, or if someone could fill in, people have always been eager to help out. I've had members volunteer to give presentations on the spot when speakers have cancelled; others volunteer to fill open Board spaces until the next election. People have been more than willing to run for Board positions to give it a try, and they usually stay on for more than one term. I would like to especially thank Laura Randall for all of her help. She is just an outstanding person, and more organized than I could ever be even in my dreams.

I would like to ask all of you to consider volunteering your time to serve on the Board. You will not be disappointed. Stop by our booth at the Michigan Safety Conference, and introduce yourself, bring your associates to sign up for MIHS, and enter the drawing.

And again, thanks to Tom for 'getting me into' MIHS. It has been fun and rewarding time serving as President of MIHS, and I am looking forward to joining the esteemed group of Past-Presidents of MIHS.

New Book Honors Industrial Health and Safety Pioneer Alice Hamilton

The American Industrial Hygiene Association (AIHA) recognized her contributions to the field by establishing the Alice Hamilton Award in 1993

FAIRFAX, VA (March 8, 2006) - Alice Hamilton, M.D., a pioneer in occupational health and safety, is featured in a recently published book written by Karenna Gore Schiff that depicts the lives of nine extraordinary women. Gore Schiff chose to include Dr. Hamilton in *Lighting the Way: Nine Women Who Changed Modern America* because "Alice Hamilton was a woman of vision and consequence, whose application of scientific knowledge and steady moral compass made the United States stronger and more humane in tumultuous times."

AIHA recognized Dr. Hamilton's contributions to the field by establishing the Alice Hamilton Award in 1993. The award is presented to an outstanding woman who has made a definitive, lasting achievement in the field of occupational and environmental hygiene through public and community service; social reform; technological innovation; or advancements in the scientific approach to the recognition, evaluation, and control of workplace hazards. The awardee is recognized for her dedication to scientific truth and her commitment to positive change for worker health.

Born in 1869, Dr. Hamilton is considered the founder of occupational medicine. She was the first woman professor at Harvard Medical School, the first woman to receive the Lasker Award in Public Health, and was a mentor to Eleanor Roosevelt. Dr. Hamilton became director of Illinois' Occupational Disease Commission when it was created in 1910 - the first such commission in the world. As a result of its findings, several workers' compensation laws were passed in the state, introducing a new notion that workers were entitled to compensation for work-induced injuries and impairments.

As part of her research for the U.S. Commissioner of Labor, she looked at the hazards posed by exposure to lead, arsenic, mercury, organic solvents, and radium. She was responsible for regulating industrial toxins and mandating workplace safety standards that still impact today's workers. She also served on the League of Nations Health Committee, which allowed her to investigate industrial health conditions in other countries. She published *Industrial Poisons in the United States* in 1925 and *Industrial Toxicology* in 1934. Dr. Hamilton died in 1970 at the age of 101.

Alice Hamilton Award



Established in 1993 by the AIHA Board of Directors with the first award granted in 1995, the Alice Hamilton Award shall be presented to an outstanding woman who has made a definitive, lasting achievement in the field of occupational and environmental hygiene through public and community service, social reform, technological innovation or advancements in the scientific approach to the recognition, evaluation, and control of workplace hazards. The awardee shall have been engaged in occupational hygiene or a related discipline a minimum of 10 years and shall be recognized by her peers to be competent in her chosen field, dedicated to scientific truth, and committed to positive change for worker health.

- 2004 -- Carolyn F. Phillips, CIH, CSP, PE
- 2003 -- Patricia A. Brogan, PhD, CIH (MIHS Member!!!)
- 2002 -- Barbara Webster, PA-C
- 2001 -- Peg Seminario, MSc
- 2000 -- Dr. Moira Yeung
- 1999 -- Linda Rosenstock, MD
- 1998 -- Alice H. Suter, Ph.D.
- 1997 -- Anna M. Baetjer, Sc.D. (posthumously)
- 1996 -- Alice C. Farrar
- 1995 -- Eula Bingham, Ph.D.

What's In The Synergist?

by Andy Crause, CIH, MIHS Board



"Where Have All the Dragons Gone?" An excellent article in the January 2006 Synergist about the latest challenges facing the occupational health and safety profession. There was once a time when it was all we could do to keep up with the killer chemicals that workers were being exposed to on a daily basis. In the early

1990s, US News and World Report called industrial hygiene an up-and-coming profession.

Now, a lot of the chemical exposure issues faced by the profession in the '70s, and 80's have been reigned in, so what is an industrial hygienist to do? The practice has evolved and industrial hygienists have to evolve with it. There are still chemical exposures to control and safety concerns to be dealt with, but an industrial hygienist's job has somewhat evolved into part scientist, part behavioral therapist, part convincer of management that they need to improve things around the plant. There is still plenty of occupational health and safety work to be done, but the work is a little different now than it was back then.

The following article was reprinted with permission from *The Synergist*. (Volume 17, number 1)

Where Have All the Dragons Gone?

OSHA compliance and exposure control-not a problem, say many OEHS pros. Are they kidding themselves?

By Dave Johnson

Back in the days of old, say the 1970s and 1980s, occupational and environmental health and safety specialists were dragon slayers. OSHA and EPA breathed some heavy fire back then, and OEHS pros shielded companies-deciphering regs and crafting compliance strategies for everything from coke oven emissions and vinyl chloride to noise and machine guarding.

Following the Bhopal, India, toxic gas leak that killed 1,700 and injured some 200,000 in 1985, OEHS pros calmed jittery executives and an anxious public, helping to put into place Community Awareness and Emergency Response programs, hazardous substance reporting systems under EPA's SARA Title III and, later, programs to meet OSHA's process safety standard.

When a NIOSH consultant in 1983 attributed most accidents to ergonomic problems, OEHS pros explained to employers and employees just what the term meant and designed programs to reduce musculoskeletal disorders long before ergo became a football tossed between lawyers and lobbyists.

When the nation panicked and caught a costly case of asbestos fever in the late 1980s and early 1990s, pros

assessed real risks and protected employers from midnight "rip and skip" contractors.

Pros, particularly industrial hygienists, were in high demand. U.S. News & World Report pegged industrial hygiene as one of the up-and-coming professions in the early 1990s.

Ah, but that was then and this is now-2006. And where have all the dragons gone?

Been There, Controlled That

Examine the findings from Industrial Safety & Hygiene News' 22nd annual White Paper survey of workplace OEHS activity, and many of the old threats and problems appear under control. We asked pros how easy or difficult it is to execute 14 typical program activities, and here's what they reported:

- OSHA compliance is difficult or very difficult only for about one in 10 pros (12 percent). More than half (57 percent) describe compliance tasks as easy or very easy.
- What about controlling exposures to toxic substances? Only 10 percent say it's difficult or very difficult. Almost two-thirds (62 percent) categorize exposure control as not a problem-easy or very easy.
- MSDS management? No headache (easy or very easy) for six in 10 pros (61 percent).
- When it comes to improving systems such as confined space entry, lockout-tagout and ergonomics, most pros have been there, done that. Only 15 percent report serious difficulties. More than half (51 percent) claim to have an easy time of it.

(For the 22nd annual White Paper survey, ISHN polled 2,000 subscribers by mail in August 2005. From a usable base of 1,921, a total of 340 surveys were returned, for a response rate of 18 percent.)

False Security?

Not so fast, say a number of OEHS experts when apprised of the apparent dearth of dragons.

"Anyone who thinks they have OEHS issues under control needs to re-think their position," says Arnie Harris, an environmental consultant in Florida. "Complying with regulations means you are only meeting minimum standards."

"Many of the exposures are controlled via PPE versus engineering controls, and thus are not under control," says Tom Cecich, president of TFC & Associates.

He adds: "There is no standing still in health and safety. You either continually improve or get worse."

continued...

"We continue to see high costs for injuries. I've seen costly injuries even in companies with mature OEHS systems," says Mike Kalbaugh, EHS manager for Avery Dennison Retail Information Services.

Here's the rub: OEHS pros and an organization's management often are not on the same page when assessing risks. From a distance, many managers judge OEHS risks by lawsuit binges and regulatory saber rattling. Since there has been little of either in recent years, health and safety can fall victim to out-of-sight, out-of-mind thinking.

"I find management's subconscious emphasis drifting away from 'Safety First' with many of our program elements reaching the mature stage," says the safety director for a transportation company. He still struggles with many nagging, minor injuries, but they don't turn up on corporate radar.

"The cream of industry might have most OEHS issues in the bag, but if you look at it across the board, from the mom and pops to the Exxons, you'll find there's plenty of work to keep us busy for a long time," says Dan O'Brien, safety, health and security manager for a mineral processing company.

Money Matters

O'Brien is right. Company size and profit margins are potent ammunition against the OEHS dragons. Here's an example: Not a single White Paper survey respondent employed in a facility with 100 or more employees reported controlling toxic exposures to be a very difficult assignment. Only four (out of 132 respondents in 100+ employee plant sizes) labeled OSHA compliance as very difficult.

Even more significant, in terms of taking care of OEHS business, is a healthy bottom line. Here's how White Paper respondents employed in firms enjoying increased sales and profits in the past year answered the "degree of difficulty" question:

- OSHA compliance was reported to be easy or very easy by 59 percent.
- Controlling toxic exposures fell into the same category, according to 68 percent.
- Little trouble (easy or very easy) was found while improving systems such as lockout-tagout and ergonomics by 54 percent.

Respondents working in firms struggling with declining sales and profits in the past year didn't fare as well:

- An easy or very easy time complying with OSHA regs was reported by 49 percent.
- Controlling toxic exposures was considered easy or very easy by 54 percent.
- System improvements were described as easy or very easy by 42 percent.

Compare responses and you find a 10- to 15-percentage point gap between profitable and struggling firms. Money matters.

Here's more evidence supporting what pros have always known intuitively-profits produce greater risk protection:

- While 25 percent of OEHS pros employed by profitable firms reported increased resources for their work in 2005, no pros in firms where profits declined reported increased resources.
- Of respondents in profitable businesses, 38 percent said their level of effectiveness as professionals increased in 2005, compared to only 10 percent of respondents in struggling businesses.

For 2006, 24 percent of pros in prospering firms will increase OEHS budgets, while only 10 percent will cut them back. In sagging businesses, only 2 percent of pros will boost budgets in 2006, but a whopping 34 percent will cut funding (or have it cut for them).

Inside the Walls

So what kind of dragons still roam the OEHS landscape in 2006? What are the challenges?

As the cartoon character/philosopher Pogo said: "We have met the enemy and he is us."

The biggest day-to-day problems OEHS pros wrestle with are not fire-snorting beasts looming outside the company walls—stern regulators or aggressive litigators. No, it's the actions and attitudes of managers, supervisors and employees on the inside. For example, only 11 percent of OEHS pros surveyed describe the task of increasing employee involvement in health and safety as very easy. Likewise, only 11 percent have an easy time improving employee attitudes and behaviors. Difficult or very difficult was the opinion of 34 percent of them.

We're talking about influencing attitudes and behaviors at all levels of the organization. Selling management on health and safety values and benefits is an age-old riddle, and in 2006 one in four pros still find it difficult or very difficult to solve. Only 17 percent claim it's very easy.

Where have all the dragons gone? Some of the old ones—toxic exposures or system failures—are still out there, as OEHS experts suggest, held in check by PPE policies and compliance audits. Perhaps they wait for budget cuts to rear their ugly heads again.

But there is still plenty of work to do, as any pro will tell you. Much of it now is an inside job: developing new OEHS metrics, making the business case and using employee engagement in health and safety as bridges to build better communication and problem-solving capabilities in other operational areas. These are the challenges leading OEHS pros to communication and negotiating courses, MBAs and leadership workshops.

Johnson is the editor of Industrial Safety & Hygiene News.

AIHA Publishes New Emergency Reference Guide

A clear overview of two important and well-established sets of exposure limits

FAIRFAX, VA (March 6, 2006) - The American Industrial Hygiene Association (AIHA) announced that it has published a new emergency reference guide that presents a clear overview of two important and well-established sets of exposure limits; the Emergency Response Planning Guidelines (ERPGs) and Workplace Environmental Exposure Levels (WEELs). The AIHA Workplace Environmental Exposure Levels Committee and the Emergency Response Planning Committee are responsible for the creation of the new publication, "2006 Emergency Response Planning Guidelines (ERPG) and Workplace Environmental Exposure Levels (WEEL) Handbook."

There are 126 ERPGs and 110 WEELs in the emergency reference guide. Recommended values for each series are contained in the booklet, along with other important information. This format is valuable for quick reference, but the exposure limits should always

be used in conjunction with the documentation provided in each full set of ERPGs and WEELs. The guide is separated into two main sections, and the guide includes an extensive glossary that is applicable to both ERPGs and WEELs.

AIHA guidelines are developed through a consensus process that involves review by internal AIHA technical committees and external review by outside experts. The intent of this guideline is to provide guidance to the practicing OEHS professional.

For more information, please contact Katie Robert at (703) 846-0738 or krobert@aiha.org. To order a copy of the AIHA guideline "2006 Emergency Response Planning Guidelines (ERPG) and Workplace Environmental Exposure Levels (WEEL) Handbook" please visit our Marketplace or contact AIHA Customer Service at (703) 849-8888 and request stock number AEAH06-559.

HIGHLIGHTS FROM AARON TRIPPLER'S SUMMARY OF THE NEW OSHA HEXAVALENT CHROMIUM STANDARD

by Carrie Z. Brown, MIHS Board



A final standard addressing occupational exposure to hexavalent chromium - Cr(VI) - was issued by the Department of Labor on February 28, 2006.

The effective date of the standard is 90 days from publication.

The start-up date for all provisions, except engineering controls, is 180 days from the effective date (one year for employers with fewer than 20 employees).

The start-up date for engineering controls is 4 years from the effective date.

Hexavalent chromium is a metal found in the manufacture of stainless steel, welding, painting and pigment application, electroplating and other surface coating processes used in industry.

Significant health effects of hexavalent chromium include lung cancer, nasal septum ulcerations and perforations, and dermatitis.

The standard covers general industry, construction and shipyards.

The standard lowers the Permissible Exposure Limit (PEL) from 52 $\mu\text{g}/\text{m}^3$ to 5 $\mu\text{g}/\text{m}^3$.

The new PEL must be attained through engineering and work practice controls when technologically feasible. The standard gives additional direction regarding exposure determination, respiratory protection, protective work clothing and equipment, medical surveillance and hazard communication.

There is a special provision for aerospace painting that only requires engineering and work practice controls to reduce exposure to 25 $\mu\text{g}/\text{m}^3$ and allows the additional use of respirators to maintain compliance with the PEL of 5 $\mu\text{g}/\text{m}^3$.

An exemption is provided for employers who can demonstrate that exposure to hexavalent chromium under any anticipated working conditions will not exceed 0.5 $\mu\text{g}/\text{m}^3$.

There are several differences between the proposed and final standards, most notably a higher PEL (5 $\mu\text{g}/\text{m}^3$) than originally proposed (1 $\mu\text{g}/\text{m}^3$).

MATCHING GRANTS TO UNIVERSITIES

Through its Matching Grants to Universities Program, the Michigan Industrial Hygiene Society (MIHS) encourages individual financial support of higher education to institutions that have performed valuable service to both the member and the community.

Graduate and undergraduate schools with industrial hygiene programs, which are in the boundaries of MIHS, are eligible to receive matching grants. The following schools are eligible: Oakland University, University of Michigan, Wayne State University.

The minimum gift matched by MIHS is \$25, and the maximum amount matched is \$200 for each contributor. Gifts are matched at the rate of \$1 for each \$1 contributed up to \$200. The maximum amount matched per eligible institution is \$1250.

MIHS would like to thank the following individuals for their contributions in 2005:



Patricia Brogan
contributed to WSU



James Fitzgerald
contributed to WSU



Sarunas Mingela
contributed to WSU



Bill Watt
contributed to WSU

Would you like to make a contribution to local university IH programs?

Please visit our website www.MIHSweb.org. Click on the Matching Grants side bar link to find out how you can contribute to the MIHS Matching Grants to Universities Program.



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MIHS Members involved in AIHA



Don Hart, PhD., CIH
AIHA President-Elect
(Volunteer Position)
donald.j.hart@comcast.net
Term: 2006 - 2007



Cindy Ostrowski, CIH
AIHA Board
(Volunteer Position)
costrowski@talkamerica.net
Term: 2004 - 2007
Responsibilities: Board liaison
between AIHA Board and Local
Sections Council Project.

AEROSOL TECHNOLOGY COMMITTEE

Jim D'Arcy, Ph.D., CIH
jim.darcy@gm.com
Responsibilities: Nanotechnology working group and PDC
instructor

Dave Hands, CIH
dhands@ford.com

EMERGENCY RESPONSE PLANNING GUIDELINE COMMITTEE

Susan Ripple, CIH
sdripple@dow.com
Term: 10+ years; current Vice-Chair
Responsibilities/Duties: We set guidelines for emergency
responders to use in scenario planning if there is an
unintended release or spill of a chemical. Per our website
(<http://aiha.org/Committees/html/erpcom.htm>). The mission
of the committee is: To develop guidelines for responding to
potential releases of airborne substances for use in
community emergency planning.

EMPLOYMENT SERVICES COMMITTEE

Rich Marker, CIH
rlm4911@aol.com
Term: 10+ years
Responsibilities: Helping students and current IHs develop
their resumes, practice their interview skills, and find
suitable employment.

IONIZING RADIATION COMMITTEE

Boyd H. Rose, CIH
roseb@gdls.com
Term: 2005 - 2006
Responsibilities: contribute to professional development
courses, educational sessions, symposia, case studies,
various publications, and AIHA white papers and position
statements.

MEMBERSHIP COMMITTEE

Patricia Bellm
patriciabellm@yahoo.com
Term: 10+ years - undetermined
Responsibilities: review of member
qualifications/applications for membership as part of a two-
person team. I receive packets for review typically 2 times
per year.

NOISE COMMITTEE

Lee Hager
leehager@cablespeed.com
Term: Since 1994 - undetermined
Responsibilities: developing, producing, editing and
reviewing AIHA noise-related
publications (such as The Noise Manual); developing
position statements, both for AIHA Board consideration and
in collaboration with various other outside groups, on new
and pending legislation and standards; developing and
presenting noise-related topics at AIHce, from PDC's to
technical sessions.

RESPIRATORY COMMITTEE

Bill Bishop, CIH
bishopw@dteenergy.com
Secretary (soon to be vice-chair)

RISK ASSESSMENT COMMITTEE

Susan Ripple, CIH
sdripple@dow.com
Term: Since its inception 2 years ago
Responsibilities/Duties: I am on the "Control Banding"
interest group of the "Risk Assessment Committee" since its
inception 2 years ago. Control banding is a process in
which a single control technology (such as general
ventilation or containment) is applied to one range or band
of exposures to a chemical (such as 1-10 mg/m³) that falls
within a given hazard group (such as skin and eye irritants
or severely irritating and corrosive). The control banding
approach focuses resources on exposure controls and

continued...

describes how strictly a risk needs to be managed. This qualitative risk assessment and management tool is intended to help small businesses by providing an easy-to-understand, practical approach to controlling hazardous exposures at work. The CB group is working with global entities to promote this approach around the world, and is especially useful where an OEL doesn't exist. In the USA, the CB group is working with NIOSH and OSHA to 'get the word out' to small and medium size businesses. Here is a link to the work that we've done so far with NIOSH's support:
<http://www.cdc.gov/niosh/topics/ctrlbanding/>

SAFETY COMMITTEE

Tom Martin, CIH
 tmartin@claytongrp.com

Dan Maser, CIH
 dmaser@argus-group.com

TRUSTEES ON THE AIHF

The American Industrial Hygiene Foundation (AIHF) is dedicated to ensuring there are enough highly trained and skilled industrial hygienists to continue to develop the science of industrial hygiene and protect workers at all levels of American industry.

For more information, visit www.aiha.org and click on The Foundation.

MIHS Members who are AIHA Trustees on the AIHF:

Pat Brogan, CIH, PhD.
 ad7129@wayne.edu

Bill Krebs, CIH, LIH, PhD.
 whkrebbs@umich.edu

Bob Lieckfield, CIH
 blieckfield@claytongrp.com

WEEL COMMITTEE

Susan Ripple, CIH
 sdripple@dow.com
 Term: 10+ years

Responsibilities/Duties: I am a recent past-chair of the WEEL Committee (2002) and write documentation for the setting of WEELs (as do all 30 WEEL members)... just like the TLV Committee. That is the sole purpose of the WEEL Committee. Interestingly, we are starting to develop the "hazard classes" for substances instead of exact WEELs when there is not enough toxicology information to set a definitive limit. These 'hazard classes' can then be used in the 'control banding'. Just as an aside, I am the WEEL Committee liaison to the "Risk Assessment Committee".



MIHS Election Results 2006-2007

by Laura Randall, M.S., CIH - MIHS Board

The following contains the results from the MIHS 2006-2007 election.

Summary This Year 2006-2007: (Electronic voting system "Voting On Demand" by Votenet)

- 150 Eligible voters
- 92 people voted
- 61.3% voted
- Cost = \$114.00 (\$0.76/eligible voter)

For comparison, summary from last year's voting 2005-2006: (Paper ballots)

- 147 Eligible voters
- 82 people voted
- (5 votes discarded; no signatures on envelope)
- 77 valid ballots received
- 55.8% voted
- Cost = \$143.90

Overall Summary

This year, we had an increase in participation with a decrease in cost.

The following are the results:

Officers (1-year term)

- President-Elect = Pier-George Zanoni, CIH
- Secretary = Boyd Henry Rose, CIH
- Treasurer = Aaron Jacob

Board of Directors (2-year term)

- Eltaneice V. Bolden, CIH
- Carrie Z. Brown
- Ernest Chiodo, CIH
- Tracy Parsons, CIH

Thank you to outgoing Board Member, Ron Drafta, for all of your hard work!

MIHS PAST-PRESIDENTS' BREAKFAST



Past President Mtg - Don Hart AIHA Update

On March 14, 2006, the MIHS Past-Presidents' Breakfast and Annual Business Meeting was held at the Holiday Inn in Livonia. There were 22 attendees of which there were 12 Past-Presidents.

Lisa Quiggle gave an update of the state of The Michigan Industrial Hygiene Society. Don Hart, PhD, CIH, AIHA Vice President provided an update on AIHA recent activities.



Past President Mtg - Lisa

Group of Past-Presidents (left to right, back to front) Dan Maser (91-92)
 Ron Drafta (93-94)
 Gerry Plattenberg (03-04)
 Roger Wabeke (79-80)
 Rich Marker (00-01)
 Bill Cleary (66-67)
 Sharkey Mingela (84-85)
 Tom Kakos (01-02)
 Dave Hands (96-97)
 Lisa Quiggle (04-05 & 05-06)
 Terry Fisk (98-99), Bill Watt (86-87)



MIHS at the Michigan Safety Conference

by Tracy Parsons, CIH, MIHS Board



Hey Buddy, Wanna Win a Nilfisk "Eliminator" Vacuum?

Yes, it's true. At the Michigan Safety Conference in Lansing on April 18-19 2006, MIHS will give away a Nilfisk Eliminator Vacuum.

As in previous years, MIHS will conduct a membership drive at our exhibitor's booth. Any current MIHS member who recruits a new member (who signs up at the show) will be entered 5 times in the raffle drawing for the Eliminator. New members who join either MIHS or our event mailing list will also be entered in the raffle. Our prize is possible through the generosity of Nilfisk Corporation. Many many thanks to Nilfisk for their support of MIHS. (If you'd like to learn more about the Nilfisk vacuum, please contact Tim Anderson (219) 548-0201 or tanderson@nilfisk-advance.com)

Also, we are looking for 'first alternates', i.e., backups if any of the booth volunteers cancel at the last minute. This is an interesting, fun job where you get to meet a lot of people and do something good for MIHS.



If interested in helping out, please contact our MIHS Booth Coordinator, Tracy Parsons (tparsons@dow.com, or 989-284-3342).

A special thanks to this year's MIHS booth volunteers:

Ernie Chiodo
 Bill Cleary
 Janet Grapin
 Jennifer Lagerbohm
 Kristin Osterkamp
 Tracy Parsons
 Laura Randall
 Pier-George Zaroni

Alternates:
 Dave Hands
 Rich McLonis

CHMM ASSE Annual Conference

Did you know that you could earn CIH CM points for attending the CHMM ASSE Annual Conference?

Sponsor = Certified Hazardous Material Managers

Activity = CHMM ASSE Annual Conference

Date = 3/2/2006

CM Points = 0.5 points per 0.5 days; 1.0 points total

Rubric Area = IH

Approval # = 06-986

WMIHS

Interested in joining the Western Michigan Industrial Hygiene Society (WMIHS)?

Please contact Julie Callaway at 269-329-1237 or jcallaway@bdnihc.com.

MIHS Members Reach AIHA Membership Milestones!

Congratulations to the following MIHS members who have reached AIHA Membership milestones:

Robert Lieckfield, Jr. = 25 years



Bill Robert = 25 years



Dan Steinmetz = 25 years



Roger Wabeke = 35 years

Joint Meeting of MIHS/ASSE/CHMM

On January 16, 2006, a joint meeting was held between MIHS, the Greater Detroit ASSE, and the CHMM Michigan Chapter. There were 34 attendees, and the meeting was held at the Italian Epicure in Novi. The topic was, "Everything You Wanted to Know About Professional Occupational Health, Safety, and Environmental Certification Credentials But Were Afraid to Ask."

Each of the following presenters provided a brief overview of certification requirements and of the certification process for their respective professional credential.

Speakers:

Katherine Glodich, CSP

Safety Manager,
Target Corporation

James Harless, PhD, CHMM

Senior Consultant
SME, Inc.

Jim Logsdon, ARM

Loss Control Consultant
CNA Commercial Insurance

Lisa Quiggle, CAIH

Director
American Board of Industrial Hygiene

Nancy McClellan - Newly Elected Board Member of ABIH



MIHS member, and Past-President, Nancy McClellan has been elected to the Board of ABIH for a four-year term from 2006-2010!

Nancy joins other MIHS members at ABIH: Lisa Quiggle, Board Member, and Ron Drafta, Certification Program Manager.
Congratulations Nancy!

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION GOVERNMENT AFFAIRS GROUP STATE UPDATE

March 3, 2006

MICHIGAN

Here is the latest legislative/regulatory report for your State. AIHA government affairs will send the reports every week, detailing any legislation pertinent to the profession in your state. The reports will also include the text of many bills and update activity on bills already reported. You will receive these reports while your legislature is in Session. However, you will receive these reports only if there has been new activity on the legislation already reported, or new legislation is found.

New Legislation

MI H 5798

SPONSOR: Schuitmaker (R)

TITLE: Methamphetamine Lab

LOCATION: House Health Policy Committee

SUMMARY: Requires establishment of guidance on methamphetamine lab cleanup.

STATUS: 03/01/2006 INTRODUCED. 03/01/2006 To HOUSE Committee on HEALTH POLICY.

PRIVATE FILE:L

Date: 06

Issue: MethLabs

In bill text the following has special meaning

underline denotes added text

~~struck out text denotes deleted text~~

2005 MI H 5798

AUTHOR: Schuitmaker

VERSION: Introduced

VERSION DATE: 03/01/2006

HOUSE BILL No. 5798

March 1, 2006, Introduced by Reps. Schuitmaker, Jones, Ball, Gosselin, Sheltrown, Hansen, Polidori, Green, Elsenheimer, Kahn, Stahl, Mortimer and Pearce and referred to the Committee on Health Policy.

A bill to amend 1978 PA 368, entitled "Public health code," by amending section 12103 (MCL 333.12103), as amended by 1985 PA 17.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

Sec. 12103. The department shall serve as the environmental health agency for this state to facilitate a uniform approach to environmental health by the various public and private entities involved in that field and shall:

- (a) Advise the governor, boards, commissions, and state agencies on matters of the environment as those matters affect the health of the people of this state.
- (b) Cooperate with and provide environmental health resource support to state and local health planning agencies and other state, district, and local agencies mandated by law or otherwise designated to develop, maintain, or administer state and local health programs and plans, and other public and private entities involved in environmental health activities.
- (c) Develop and maintain the capability to monitor and evaluate conditions which represent potential and actual environmental health hazards, reporting its findings to appropriate state departments and local jurisdictions, and to the public as necessary.
- (d) Provide an environmental health policy for the state and an environmental health services plan to include environmental health activities of local health jurisdictions.
- (e) Serve as the central repository and clearinghouse for the collection, evaluation, and dissemination of data and information on environmental health hazards, programs, and practices.
- (f) Within 1 year after the effective date of the amendatory act that added this subdivision and in consultation with the department of environmental quality, develop a cleanup of clandestine drug labs guidance document that includes, but is not limited to, detailed protocols for the preliminary site assessment, remediation, and post-cleanup assessment of indoor environments and structures.

continued...

MI S 1113
SPONSOR: George (R)
TITLE: Methamphetamine Labs
LOCATION: House Health Policy Committee
SUMMARY: Revises cleanup standards on environmental contamination from methamphetamine labs.
STATUS: 03/02/2006 INTRODUCED. 03/02/2006 To HOUSE Committee on HEALTH POLICY.
PRIVATE FILE: L
Date:06
Issue:MethLabs

In bill text the following has special meaning

underline denotes added text

~~struck out text denotes deleted text~~

2005 MI S 1113
AUTHOR: George
VERSION: Introduced
VERSION DATE: 03/02/2006

SENATE BILL No. 1113

March 2, 2006, Introduced by Senators GEORGE, BIRKHOLOZ, HARDIMAN, CROSEY, JELINEK, STAMAS, KUIPERS, HAMMERSTROM, GOSCHKA, GARCIA, CASSIS, TOY, BISHOP, PATTERSON, VAN WOERKOM, ALLEN and GILBERT and referred to the Committee on Health Policy.

A bill to amend 1978 PA 368, entitled "Public health code," by amending section 12103 (MCL 333.12103), as amended by 1985 PA 17.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

Sec. 12103. The department shall serve as the environmental health agency for this state to facilitate a uniform approach to environmental health by the various public and private entities involved in that field and shall:

- (a) Advise the governor, boards, commissions, and state agencies on matters of the environment as those matters affect the health of the people of this state.
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- (e) Serve as the central repository and clearinghouse for the collection, evaluation, and dissemination of data and information on environmental health hazards, programs, and practices.
- (f) Within 1 year after the effective date of the amendatory act that added this subdivision and in consultation with the department of environmental quality, develop a cleanup of clandestine drug labs guidance document that includes, but is not limited to, detailed protocols for the preliminary site assessment, remediation, and post-cleanup assessment of indoor environments and structures.

MI SR 101
SPONSOR:Jelinek (R)
TITLE:Methamphetamine Labs
LOCATION:Senate Health Policy Committee
SUMMARY: Memorializes the United States Congress to provide flexible funding to help states and local communities clean up and deal with the disastrous effects of clandestine methamphetamine labs.
STATUS: 03/02/2006 INTRODUCED. 03/02/2006 To SENATE Committee on HEALTH POLICY.
PRIVATE FILE: L
Date: 06
Issue: MethLabs

Legislation Reported Earlier: None to Report

Regulatory Activity: None to Report

2006 MIHS Student Awards



Student Night Speakers, left to right, Bob Pawlowski, Bill Watt, Lisa Quiggle, Dan Maser, Terry Fisk, Tracy Parsons



WSU MIHS Best Student Awardee, Nicole Ivers, with Dr. Bonita Taffee and Lisa Quiggle, MIHS President.



UM MIHS Best Student Awardee, Gerald Houvener, with Dr. Ted Zellers and Lisa Quiggle, MIHS President.



Student Night Attendees



Student Night Attendees

The Michigan Industrial Hygiene Society has been recognizing the academic achievements of students from the University of Michigan and Wayne State University since 1984 and this year was no exception. On February 14, 2006, at the Italian Epicure Restaurant's Banquet Center, the MIHS honored two students pursuing advanced degrees in industrial hygiene.

This year's Student Awards Night was a deviation from past practice. Prior to the awards ceremony, several MIHS members provided a brief description and discussion of IH practice in their respective industry. Providing an overview of IH practice for the Chemical Industry was Tracy Parsons; Dan Maser informed the attendees about the industrial hygienist's role in the Consulting Industry; an overview of Government IH was provided by Robert Pawlowski; a review of Institutional IH practice was provided by Lisa Quiggle; Insurance Industry IH practice was covered by Rich McLonis and Terry Fisk; and completing the program was Bill Watt describing industrial hygiene in Manufacturing. Cocktails and dinner followed these interesting and informative presentations, with the awards presentations, made by the university faculty, immediately after dinner.

This year's awardee from Wayne State University is Nicole Ivers. Nicole received an MS degree in December 2005 and is currently working as an Environmental Scientist and Health & Safety Coordinator for Camp, Dresser & McKee (CDM) in Kennesaw, Georgia. In addition to the MIHS award, Nicole was one of the 2004 recipients of the 3M Industrial Hygiene Scholarship. Additionally Nicole was the Outstanding Student of the Year for 2005, and recipient of the 2005 Academic Achievement Award from Wayne State's Occupational and Environmental Health Sciences Department (OEHS).

Wayne State University recognized two additional OEHS students. Pat Boley and Vita Gray received departmental honors and recognition for their academic achievement.

Prior to pursuing a degree in industrial hygiene, Gerry Houvener, this year's awardee from the University of Michigan, spent six years as a US Navy electrician. Following his discharge, Gerry completed both undergraduate and graduate degrees in mathematics and math education from Central Michigan University and Western Michigan University respectively. Additionally, Gerry has accumulated extensive experience (20+ years) in the commercial nuclear power field as a radiation health and safety officer and as a QA auditor. Other experience that Gerry will bring to his next employer include teacher and trainer / instructor. Upon completion of his IH studies Gerry hopes secure a job in Washington DC area as a research analyst for IH/Safety issues.

From the MIHS, best wishes, good luck, and success to all of our student members in all of their future endeavors.

Governmental Affairs Update

by Aaron Trippler, AIHA Director Government Affairs



AIHA Government Affairs is pleased to announce the results of a major research project involving the IH profession.

Over the course of the last several years, countless individuals have asked the question "Why isn't the professional of industrial hygiene recognized in more laws and regulations?" A fair question!

Nonetheless, before we seek to have the profession recognized in more places, we

first have to determine where we are already recognized. Does anyone know who we are?

That was the purpose behind this first-ever look into State statutes and regulations and recognition of the profession of industrial hygiene.

In conducting this research, AIHA Government Affairs staff attempted to review every state law and regulation, compiling a listing of those laws and regulations where the profession was defined, recognized and/or protected.

In conducting the research, the following terms were chosen for reference:

- lh - industrial hygiene
- IH - Industrial Hygienist
- IHIT - Industrial Hygienist in Training
- CAIH - Certified Associate Industrial Hygienist
- CIH - Certified Industrial Hygienist
- AIHA - American Industrial Hygiene Association
- ABIH - American Board of Industrial Hygiene
- ACGIH - American Conf. of Govt. Industrial Hygienists
- Labs - AIHA Laboratory Program Terms
- Other - i.e., OHST, CHST

Searching State laws turned out to be much more difficult than originally expected. Notwithstanding today's access to the internet, we found that not every State provided internet access to the statutes. In addition, many times it was not possible to "search" the statutes for specific terms; the only possible way to search for IH references was to search each statute individually - such a time-consuming task that it was not always possible.

Searching State regulations was even more difficult than searching the statutes. Several States do not offer internet access to State standards, rules and regulations. Others only allow for a "search" to be conducted within the individual regulation. With tens of thousands of regulations this too became almost impossible.

Upon finding a reference to the profession, sections of the statute or regulation have been provided to assist in learning more about the specific statute or regulation.

It is estimated that perhaps upwards of 10 percent of the statutes and regulations may have been overlooked when conducting this research. However, I am confident that the

research presented here is the most complete look at the profession of industrial hygiene ever conducted.

The Results - Below you will find a summary of the references found in state statutes and regulations. For a look at each of the statutes or regulations, by state, you must go to the AIHA web site, members' only section, government affairs, and then look under the state activity center.

After reviewing, should you be aware of additional statutes or regulations referencing the profession of industrial hygiene, please contact AIHA government affairs so the reference may be added.

Thank you.

STATE STATUTES SUMMARY

- 38 - States with statutes containing at least one reference to one of the terms
- 25 - States with statutes that fall within the terminology of what could be called "professional recognition" for the profession. The individual statute must contain a legal definition of one of the terms.
- 19 - States having enacted some form of the AIHA "model legislation" for professional recognition
- 16 - States having enacted what could be referred to as "title protection" for specific titles within the profession

Statutes

- 82 - Number of statutes containing references to the profession
- 677 - Number of references to the profession within the statutes
 - 171 - industrial hygiene
 - 71 - Industrial Hygienist
 - 74 - Industrial Hygienist in Training
 - 23 - Certified Associate Industrial Hygienist
 - 160 - Certified Industrial Hygienist
 - 6 - American Industrial Hygiene Association
 - 87 - American Board of Industrial Hygiene
 - 4 - American Conference of Governmental IHs
 - 4 - AIHA Laboratory Program
 - 77 - Other

Comment: It should be noted that of the 677 references to the profession of industrial hygiene, 616 of these references are found in statutes that have been enacted creating professional recognition/title protection.

continued...

STATE REGULATIONS (Rules and Standards) SUMMARY

- 43 - States with regulations containing at least one reference to one of the terms
- 31 - States with regulations that fall within the terminology of what could be called "professional recognition" for the profession. The individual regulation must contain a legal definition of one of the terms.

Regulations

- 150 - Number of individual regulations containing some reference to the terms of the profession
 - 28 - Lead
 - 22 - Asbestos
- 712 - Number of references to the profession with the regulations
 - 259 - industrial hygiene
 - 150 - Industrial Hygienist
 - 10 - Industrial Hygienist in Training

- 0 - Certified Associate Industrial Hygienist
- 140 - Certified Industrial Hygienist
- 21 - American Industrial Hygiene Association
- 46 - American Board of Industrial Hygiene
- 27 - American Conference of Governmental His
- 5 - Other

Comment: In addition to the above references, many States have guidelines, informational documents, etc., that include reference to the profession of industrial hygiene. It would not be overstating to say that there were literally thousands of references to the profession found in these documents.

Comment: Every attempt was made to do a thorough research of State regulations; however, because of the difficulty in search criteria found within each State, it is estimated that at least 10 percent of regulations could not be searched.

MIHS TREASURY REPORT

by Aaron Jacob, MIHS Treasurer



MIHS Checking Account

ASSETS	
Cash & Bank Accounts	\$31,594.22
CD #1	\$25,039.55
CD #2	\$5,064.91
Total:	\$61,698.28
Liabilities	
Overall Total	\$0
	\$61,698.28

MEETING SUMMARIES

MIHS Past-Presidents' Breakfast

June 29, 2005
 Attended Meeting 11
 Past-Presidents 5
 Cash In for Meeting \$155.95
 Cost of Meeting at Holiday Inn \$648.75
 Loss [\$492.80]

MIHS Frankenmuth Meeting Full Day PDC

September 20, 2005
 Attended Meeting 32
 Cash In for Meeting \$2725.00
 Cost of Meeting \$1010.88
 Meeting supplies/handouts \$395.29
 Total Profit \$1318.83

MIHS Mini-Conference Full Day PDC

October 26, 2005
 Attended Meeting 47
 Cash In for Meeting \$3525.00
 Cost of Meeting \$2406.04
 Total Profit \$1118.96

MIHS Sponsored AIHA Tele-Web: Meth Lab Decontamination

November 16, 2005
 Attended Meeting 13
 Cash In for Meeting \$0 (free to MIHS members)
 Cost of Meeting (handouts/purchase link) \$446.80
 Total Loss [\$446.80]

MIHS Sponsored AIHA Tele-Web: Globally Harmonized System

December 13, 2005
 Attended Meeting 18
 Cash In for Meeting \$0 (free to MIHS members)
 Cost of Meeting (handouts/purchase link) \$342.00
 Total Loss [\$342.00]

MIHS Joint Dinner Meeting with ASSE & CHMM

January 16, 2006
 Attended Meeting 34
 Cash In for Meeting \$1088.00
 Cost of Meeting \$1333.00
 Total Loss [\$245.00]

MIHS Student Night

February 14, 2006
 Attended Meeting 36
 Cash In for Meeting \$640.00
 Cost of Meeting \$1353.00
 Total Loss [\$713.00]

Summary

- Total of 7 Meetings
- Money in \$2437.79
- Money out \$2239.00
- Profit \$198.19

2006-2007 Officers and Executive Boards

MIHS Officers



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PRESIDENT-ELECT

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MIHS Organizational Members

Each year the activities of the MIHS have been supported by our Organizational Members. The MIHS appreciates the support and generosity of our Organizational Members.

Argus Group
Chemical Risk Management
Clayton Group Services
DaimlerChrysler Corporation
James, Anderson & Associates, Inc.
Nilfisk-Advance America
Performance Environmental
PM Environmental

For more information on how to contact the MIHS Officers and Board Members, please go to www.MIHSweb.org and click on "Board Members" on the left-hand sidebar link.

MIHS Board Members



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