

MIHS PRESIDENT'S MESSAGE

Sarunas Mingela, CIH



First, I would like to thank Lisa Quiggle, our current Past President, for her commitment, leadership, and for the guidance she provided to the MIHS as President. As many of you know, in our current environment, and with everyone's plate full, it is difficult to find volunteers to serve. It is a testament to Lisa's dedication to the profession, and

the organization, to have served MIHS for two terms. She has served admirably, and her service is deeply appreciated.

I would also like to welcome, and thank, the newly elected MIHS Board members Eltaneice V. Bolden, and Ernest Chiodo, MD for agreeing to serve the MIHS. I'm sure both of you will find your tenure on the MIHS Board a rewarding experience. Additionally, thanks to Tracy Parsons and Carrie Z. Brown for returning and agreeing to serve a second term on the MIHS Board. Special thanks go out to B. Henry Rose, returning for a second term as Secretary, and to Pier-George Zanoni for agreeing to be the President-Elect.

Finally, I would like to thank each of you, the MIHS membership, for demonstrating your confidence by electing me as your President. I look forward to serving you, and hopefully leading our organization to a higher plain.

One of the first tasks the MIHS Board of Directors has undertaken this year is a review and update of the MIHS Bylaws. This was done in order to remain a viable and contemporary organization. Failing or refusing to respond to changes to the environment often results in stagnation and sometimes extinction.

Quite a few changes were made to the Bylaws. In most cases the reason for the changes should be self-evident and often involve making the Bylaws gender neutral or to allow for more effective functioning of the

organization. Each proposed change was reviewed, scrutinized, and given consensus by the MIHS and AIHA Boards before presenting the changes to the MIHS membership. The MIHS Membership voted in June, and the results were "for" the new Bylaws. These will be posted shortly on the MIHS website.

During the course of this year we will also be trying some new things. The MIHS Board will be engaging more of the MIHS membership into the organization's activities. So that we can get closer to the pulse of the membership, the Board will be personally contacting you, the members, to hear what you think. Don't be surprised if in the near future an MIHS Board member calls you to get acquainted and to chat for a while.

March 3-5, 2006, I, along with many other local section presidents-elect and other AIHA committee vice chairs, attended the AIHA Leadership Workshop. In addition to a full program designed to enhance the leadership skills of participants, the session was a wonderful opportunity to meet and network with other local section leaders as well as the AIHA Board and staff. It was a demanding and exhausting session, but also very rewarding. You can read more about the leadership workshop in AIHA News section in the May issue of The Synergist.

To conclude, I would like to offer an open ear, mind, and line of communication to any member with suggestions for improving the MIHS. Simply call or send me, or any member of the MIHS Board, an email with your ideas and thoughts. While I can't guarantee implementation of your idea, I can assure you of the full consideration of the MIHS Board.

Report on the Local Sections Council Business Meeting
 Wednesday, May 17, 2006 AIHce Chicago 10 AM - Noon
 by Pier-George Zanoni, CIH - MIHS President Elect



The outgoing President of the local sections council, Jeff Burton gave the welcome and presented this year's website awards. Website award winners this year were: Alberta (200+ member category), Tennessee Valley (100 - 200 member category) and Atlantic Province (< 100 member category). Congratulations to this year's winners.

Aaron Trippler gave a rousing update on recent AIHA Government Affairs activities, reporting on available model bills on title protection and the application of good Samaritan laws for IH's volunteering in national disasters.

Bob Wheeler and David Downs reported on the AIH Foundation's very successful scholarship activities this year. They personally thanked all the sections for so generously giving to the scholarship fund. Special mention was given to MIHS for stepping up to the plate and funding two scholarships.

Some highlights of last year's Local Section Survey results include:

- 40 % of local section members are actively involved.
- 62% of local sections reported drawing from the same pool of leaders year after year.
 Local sections continue to struggle to fill officer positions.
- 70 % of the members are in the 40 - 60 year age range.
- 75% of the local section have active websites.
- There are 8000 members of AIHA that are not members of local sections.

AIHA executive director, Steve Davis, talked about the success and importance of the AIHA leadership workshop and encouraged eligible AIHA members to participate in the upcoming workshop to be held again in Chicago later this year. "The ruling quality of leaders is the adaptive capacity to make nimble decisions to ensure success. Successful leaders save their resources to commit to activities where we can make a difference."

As a result of the Local Section Council elections Theodore Knutson will be the Secretary, Mike Taylor the Vice-chair, and Dianne Grote Adams our Chairperson.

MIHS Attending the Local Section Council
 Meeting at the AIHce

Thank you, Pat, for the photo!



Left to right:
 Don Hart, Cindy Ostrowski, Pat Brogan, Pier-George Zanoni, Tim Kearney

Mark Your Calendar!

MIHS Mini-Conference
 Full Day PDC
 October 10, 2006
 MSU Management Education Center
 Troy, Michigan

Details on the program will be sent in
 future broadcast emails.

Looking for new job opportunities?

Be sure to frequently check the job posting
 page on the MIHS website.

Go to www.MIHSweb.org, click on
 "Informational & Support Links", then click
 on "IH Job Postings".

New postings have been added.

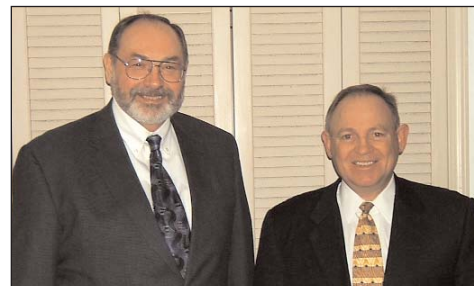
Aaron Trippler Addresses MIHS at Spring Meeting

By Andy Crause, CIH, MIHS Board



The special guest speaker at the April 6, 2006 MIHS dinner was Mr. Aaron Trippler, Director, Government Affairs at AIHA. Aaron is the AIHA's Washington lobbyist, and it is basically his job to promote the organization and the field of IH, as well as keep his finger on the pulse of the goings-on in our nation's capital that have an effect on our profession (his "Happenings on the Hill" articles are forwarded to MIHS members on a periodic basis). Aaron provided an informal presentation on the state of affairs of IH, which was essentially a sneak preview of his articles "Congress Returns for Second Session", and "Changes Abound All Around the City", which appeared in the April 2006 and May 2006

Synergists, respectively. The overall message was not to expect a lot of regulatory changes any time soon. The other major activity that Aaron spoke to us about was that he is working diligently to identify states that recognize our profession in some form, and to continue to make "industrial hygiene" and "AIHA" household words. Aaron encouraged us all to contact him with any issues that he could help us out with. His e-mail address is atrippler@aiha.org.



Aaron Trippler and Sharkey Mingela

Use Your Resume To Help Negotiate a Higher Salary

Most job seekers believe that salary negotiation starts once they have an offer in hand, but nothing could be farther from the truth. In fact, your resume can make the difference between negotiating at the top end of the salary range-or the bottom end-in your next job offer. If that sounds strange to you, consider the following points:

- A prospective employer's first impression of you is created entirely by your resume.
- The employer's first impression of you will assign a value and build a level of urgency for the employer to contact you before someone else does.
- First impressions are nearly impossible to change.

If your resume sells your skills short, then you can't expect to receive offers at the upper end of your salary scale. Your current resume could be losing you thousands of dollars in income power. By making a few key changes in your resume now, you can position yourself for higher salaries in the future.

There are three resume strategies for promoting high salary negotiation success:

1. Show that you are a high return on investment with quantifiable results.

Many job seekers throw around the phrase "results oriented", but they fail to back it up with concrete evidence-leaving the reader to conclude otherwise. You may feel that you have no quantifiable evidence of your value in previous jobs, but every job has quantifiable results that can better reflect your worth on your resume. Revenue, sales dollars and material costs are not the only results that use numbers.

Consider using the number of man-hours saved in process improvements, the percentage of repeat customers, or the number of peers helped by a particular efficiency to help reflect your abilities. Every employee is hired to solve problems, and most problems have some quantifiable element at their core.

2. Illustrate the breadth of your experience.

Notice the use of the word "breadth" rather than "length" of

experience. Just because a candidate has been doing a job for a long time does not necessarily mean he is worth more. Breadth of experience focuses on quality, not quantity.

There are two key ways to express breadth of experience:

• Industry knowledge

Since industry expertise is usually in high demand, you can show your value through insider understanding of industry issues.

• Transferable skills

If your career spans many industries within the same occupation, highlight the transferable skills that have enabled you to bridge the gaps from industry to industry.

3. Entice the reader to want to know more about you.

Job seekers often make the mistake of assuming that the job of their resume is to inform the reader. Not so! The ONLY job of your resume is to entice the reader to want to know more about you.

What that translates to is an understanding of what to include and what to leave off your resume. Too much detail can distract the reader and lose his interest, but not enough information, and the reader will wonder what you have been doing with your life. A proper balance between detail and result will win the reader's interest and leave them saying, "I've got to call this guy for an interview today!"

A professional resume writer can create a resume that sells you as a high return on investment. By portraying you as someone with great breadth of experience and a wide range of critical skills, potential employers will see you immediately as someone of high value, building their vision-and your self-confidence-of you in the upper end of the salary scale.

Deborah Walker, CCMC

Career Coach ~ Resume Writer

Find more job-search tips and resume samples at:

www.AlphaAdvantage.com

Email: Deb@AlphaAdvantage.com

MIHS BEST PAPER AWARD

MIHS Presents Best Paper Award to NIOSH authors at the AIHce in Chicago

by Pier-George Zanoni, CIH, MIHS President-Elect



The MIHS Best Paper Award for 2005 was given this year to a group of NIOSH authors for their paper entitled, Characterization of Respiratory Exposures at a Microwave Popcorn Plant with Cases of Bronchiolitis Obliterans that was published in the March 2005 edition of the Journal of Occupational and Environmental Health (Volume 2, Number 3 / March 2005). Greg Kullman was present in Chicago at the AIHA annual business meeting on May 18, 2006 to accept the award for himself and his co-authors: Randy Boylstein, William Jones, Chris Piacitelli, Stephanie Pendergrass, and Kathleen Kreiss. MIHS congratulates all of these individuals for their fine work.

The paper was selected on the basis of outstanding elements including its importance to the field of industrial hygiene, adding to the IH knowledge base, originality, good scientific method and use of data as well as overall quality of presentation.

The authors have put this study to good use, publishing a number of other documents on the topic including a Dec 2003 NIOSH Alert entitled "Preventing Lung Diseases in Workers Who Use or Make Flavorings."



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What's In The Synergist?

by Andy Crause, CIH, MIHS Board



"Developing the EPA Moldiness Index® based on Mold-Specific Quantitative PCR", April 2006, Volume 17, No. 4.

The title of this Technical Exchange article in the April 2006 Synergist caught my eye. Apparently, the EPA is in the process of developing a database of mold concentrations in dust in homes in an attempt to develop a "Moldiness Index". PCR is a sort of fingerprinting technology for determining the species of mold without having to culture a sample. The data gathering process is underway, and the preliminary indications are that there is a statistically significant difference in the mold in settled dust of a "typical" home versus an "atypical" home. OUCH! I guess I should wait to pass judgement, but when I see terms like "typical" I cringe. We all know a neat-freak or two, and we all know a slob or two, and I'm sure that samples collected in the homes of a neat-freak and a slob could wind up being statistically different, but what does that really mean in the grand scheme of things?

The article also mentions that HUD is about to begin the American Healthy Homes Survey, and EPA will measure the mold concentration in samples of dust to be collected from those homes. The result will be a national database of molds in "typical" and "atypical" homes. Stay tuned.

The following article was reprinted with permission from *The Synergist*.

Developing the EPA Relative Moldiness Index Based on Mold-Specific Quantitative PCR

By Steve Vesper

Improving indoor air quality has been a priority at EPA for many years. Among the components of indoor air, molds present a growing concern for the public. A primary information source on indoor molds is the news media, which often confuses rather than clarifies the situation. In addition, mold experts have failed to reach a consensus on sampling methods and the interpretation of analytical data obtained in a typical mold inspection.

EPA guidance is available to help the American public understand indoor mold issues (www.epa.gov/mold and www.epa.gov/iaq). In addition, EPA scientists developed mold-specific quantitative PCR to identify and quantify molds in various matrices. This new technology, now licensed by many companies in the United States and the European Union (www.epa.gov/microbes/moldtech.htm), is available today for use by industrial hygienists performing microbial inspections and assessments. EPA is currently collecting data to develop ERMI, the EPA Relative Moldiness Index, which is based on the use of this technology and employed as a measure of the amounts and types of mold species present in household dust

Developing the ERMI

Mold-specific quantitative PCR analysis provides the opportunity to develop objective, standardized results derived from indoor air quality investigations. Short duration air samples and spore counting or culturing will not get us to a national index. A well-informed visual inspection with the assessment of water intrusion events combined with MSQPCR analysis can provide an objective ranking of the relative moldiness of homes. This will result in the national ERMI based on home dust samples from across the United States.

Molds are found in every home, but not all molds are found in every home. In a pilot study in Cleveland for the ERMI, MSQPCR analysis was used to measure the concentrations of 82 molds in dust samples.¹ The homes were divided into two types: typical homes, defined as having no visible mold, and atypical homes, defined as having visible mold covering an area greater than two square meters. So which mold is really found in water damaged homes?

After exhaustive statistical analyses, we found that no individual mold distinguished between the typical and atypical homes. For example, we simply could not measure the concentrations of *Stachybotrys chartarum* and prove statistically that its concentration was different in typical and atypical homes. This was true for each species measured. Rather, we found the distinction between typical and atypical homes by evaluating the concentrations of groups of molds. By contrasting the various mold populations in these two types of homes, we were able to classify Group I molds occurring in water-damaged, atypical homes and Group II molds found in all homes. At this time, there are 26 Group I molds and 10 Group II molds. (There is a great deal more information about how we arrived at these groups in our publications.)

Cleaning Up the Data

You may think identifying and measuring Group I molds is all that is needed to establish the relative moldiness of a home. Unfortunately, it is not that easy. We had to devise a method for reducing the "noise" in the data caused by geography, construction, home furnishings and seasonal variables. For example, consider geographic variability. It is likely that some of the molds in Group I are more common in the South, while others are more common in Western, Northern or Eastern states. To make a national ERMI, we cannot just take the concentration of each mold in Group I and add them up to give us an index. The geographic variability that causes some mold to be more or less common in certain regions would overwhelm all the other mold populations. A similar story could be told for various types of construction, including plaster vs. dry wall, basement vs. no basement and so forth. We had to devise

Continued...

a way to level off these population spikes. This was done by using the logarithm of the mold concentrations. Back in high school, as you slept through math class, you may have missed the lesson on logs. What you missed was this: The log of 1 is 0; the log of 10 is 1; the log of 100 is 2; the log of 1,000 is 3 and so forth. The log number actually tells you how many zeros there are behind the 1 in these numbers. To deemphasize one mold population compared with the others, we used the log of the concentrations of the molds. Let's look at the simplistic example shown in Table 1.

Molds A, B and C are three of the Group I molds. If you look at the sum of the mold concentrations of A, B and C, then you might say the Western home was about five times moldier than the Southern home. But if you look at the sum of the logs, you will see that the homes are essentially the same in relative moldiness (i.e., 8.2 vs. 8.4). We have used this approach with the data from the Cleveland homes.

Dust samples were collected, and total mold populations were determined by taking the log of the concentration of each mold in Groups I and II and summing the logs in each group. Based on the sum of the logs for Group I, we were able to separate statistically, with 95 percent confidence, the atypical home category from the typical home category.¹ However, subtracting the sum of the Group II logs from the sum of the Group I logs improved the separation of the two home types even more. Why?

The populations of Group II molds can be out of sync with typical home conditions in some situations—for example, if one home is cleaned more often or thoroughly than another or if all new carpeting has been installed recently. Of course, these same factors or conditions will affect the Group I populations as well. To accommodate these variations, Group II is subtracted from Group I. The resulting value is the ERMI.

Let's see how this might work. A sample is sent from two different homes for analysis, and the EPA Mold Panel of 36 molds (Group I plus Group II) is performed by the laboratory. The resulting report will list the concentration of Group I and Group II molds and the sum of the logs of Group I minus Group II, which is the ERMI (see Table 2). The ERMI for the first house is 10 and for the second house is about 31. On a relative scale, the second house is obviously moldier than the first. (See Table 2.)

Ultimately, the ERMI must be built on a national database, not just a few homes. The Department of Housing and Urban Development is about to begin the American Healthy Homes Survey and EPA will measure the mold concentration in the survey homes' dust. The result will be a national database of molds in atypical and typical homes, producing a national ERMI.

The national ERMI will contain data on many thousands of homes. Figure 1 shows the process of organizing such a database—in this case, for a set of 75 homes. Home ERMI values were calculated as described above, and the values

were arranged on a scale from highest to lowest. The homes cluster into four mold levels determined by the change in slope of the ERMI values (Figure 2). Level 1 has the lowest ERMI value; these homes are the least likely to have a mold problem. Level 4 homes are predicted to have the best chance of having a mold problem. For those who choose to have their environment tested, we hope the ERMI, when finished, will be of some help.

Vesper, a PhD, is with the Environmental Protection Agency, Cincinnati. He can be reached at (513) 569-7367 or vesper.stephen@epa.gov.

References

1. Vesper, S.J., M. Varma, L.J. Wymer, D.G. Dearborn, J. Sobolewski and R.A. Haugland: Quantitative PCR analysis of fungi in dust from homes of infants who developed idiopathic pulmonary hemorrhaging. *J. Occup. Environ. Med.* 46:596-601 (2004).
2. Meklin, T., R.A. Haugland, T. Reponen, et al.: Quantitative PCR analysis of house dust can reveal abnormal mold conditions. *J. Environ. Monit.* 6:615-620 (2004).

EPA, through its Office of Research and Development, partially funded and collaborated in the research described here. It has been subjected to the agency's peer review and has been approved as an EPA publication. Mention of tradenames or commercial products does not constitute endorsement or recommendation by EPA for use.

Table 1. Example of How Logs Are Used in Building the ERMI

Southern Home			Western Home	
Mold	Concentration Spores per mg dust	Log	Concentration Spores per mg dust	Log
A	2,165	3.33	212	2.32
B	134	2.12	10,245	4.01
C	524	2.72	122	2.09
Sum	2, 823	8.17	10,579	8.42

Continued...

Table 2. Example of What an ERMI Report Might Look Like for Two Homes

Fungal ID Group 1	House 1 spores/mg	Log Conc.	House 2 spores/mg	Log Conc.
Aspergillus flavus/oryzae	ND	0.00	2	0.30
Aspergillus fumigatus	1,081	3.03	72	1.86
Aspergillus niger	42	1.62	9	0.95
Aspergillus ochraceus	ND	0.00	37	1.57
Aspergillus penicillioides	48	1.68	28,628	4.46
Aspergillus restrictus	ND	0.00	40,915	4.61
Aspergillus sclerotiorum	ND	0.00	9	0.95
Aspergillus sydowii	ND	0.00	266	2.42
Aspergillus unguis	20	1.30	25	1.40
Aspergillus versicolor	ND	0.00	1,682	3.23
Eurotium (Asp.) amstelodami	9,282	3.97	9,666	3.99
Aureobasidium pullulans	4	0.60	27	1.43
Chaetomium globosum	3,546	3.55	6,563	3.82
Cladosporium sphaerospermum	384	2.58	429	2.63
Paecilomyces variotii	61	1.79	76	1.88
Penicillium brevicompactum	56	1.75	62	1.79
Penicillium corylophilum	ND	0.00	ND	0.00
Penicillium crustosum (group2)	ND	0.00	30	1.48
Penicillium purpurogenum	ND	0.00	ND	0.00
Penicillium spinulosum	40	1.60	221	2.34
Penicillium variabile	28	1.45	22	1.34
Scopulariopsis brevicaulis/fusca	4	0.60	45	1.65
Scopulariopsis chartarum	ND	0.00	184	2.26
Stachybotrys chartarum	ND	0.00	5	0.70
Trichoderma viride/koningii	78	1.89	94	1.97
Wallemia sebi	43	1.63	8,497	3.93
Sum of the Logs		29.05		52.97
Group 2				
Acremonium strictum	126	2.10	15	1.18
Alternaria alternata	1,191	3.08	752	2.88
Aspergillus ustus	ND	0.00	ND	0.00
Cladosporium cladosporioides-1	20	1.30	221	2.34
Cladosporium cladosporioides-2	58	1.76	1,385	3.14
Cladosporium herbarum	472	2.67	3,988	3.60
Epicoccum nigrum	377	2.58	2,602	3.42
Mucor amphibiorum/..group	189	2.28	1,620	3.21
Penicillium chrysogenum	1,980	3.30	297	2.47
Rhizopus stolonifer	ND	0.00	ND	0.00
Sum of the Logs		19.06		22.24
ERMI - Group 1 minus Group 2		10.00		30.80
<i>ND, Not Detected.</i>				

Continued...

Figure 1. Representation of how the ERMI will be used to organize the national database of homes.

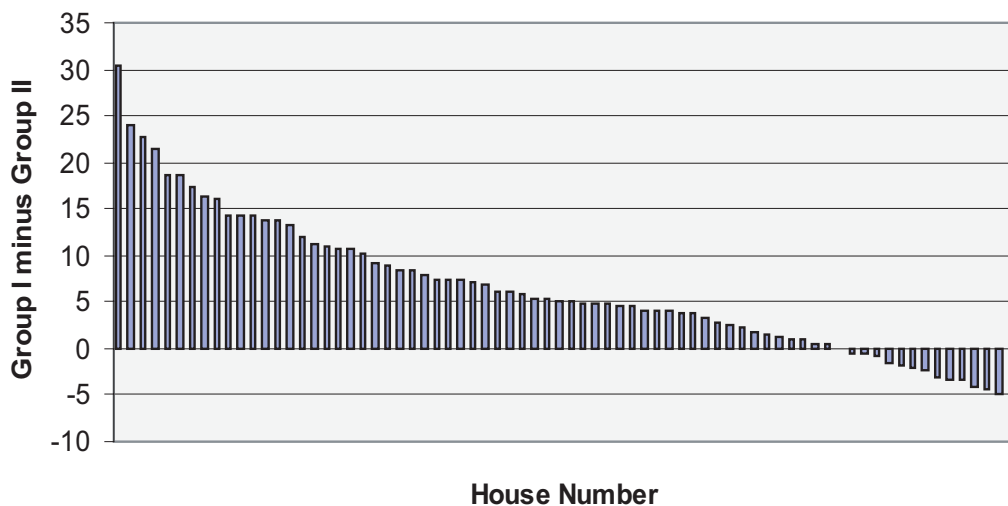


Figure 3

Figure 2. Example of clustering of homes by mold level generated on the basis of the change in slope of the ERMI values of 75 homes.

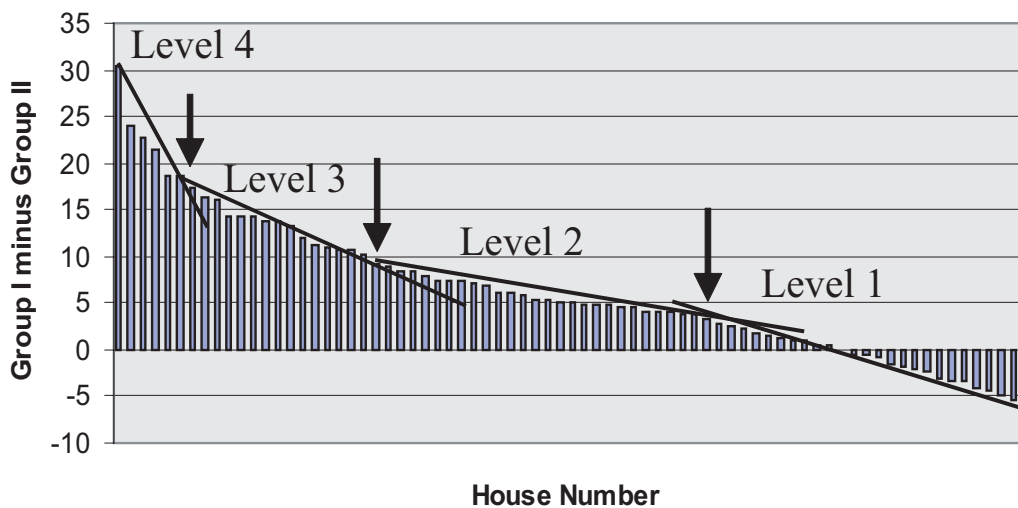


Figure 3

Learn More at AIHce 2006

If this article was of interest to you, then you may want to consider these education programs available at AIHce 2006:

- RT 205, "Mold Components' Impact on Health: Spores, mVOCs and Mycotoxins and IAQ," Monday, May 15, 2 p.m.-4:30 p.m.
- PO 109, "Environmental Microbiology," Tuesday, May 16, 10:30 a.m.-12:30 p.m.
- PO 116, "Mold: What Is Normal?" Tuesday, May 16, 2 p.m.-6 p.m.
- RT 215, "Mock Trial-Homeowner vs. Builder, et. al.," Tuesday, May 16, 2 p.m.-6 p.m.
- PO 123, "Mold: Dearth to Disaster," Wednesday, May 17, 1 p.m.-4:40 p.m.

For more information on these and other AIHce education sessions, visit www.aiha.org/aihce.htm and click on "Education Program."

FOR IMMEDIATE RELEASE
Release No. SPR-06-712-01

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AIHA and OSHA Renew Alliance

Partnership will continue to foster a culture of illness and injury prevention while sharing best practices and technical knowledge

FAIRFAX, VA (July 12, 2006) The American Industrial Hygiene Association (AIHA) and the Occupational Safety and Health Administration (OSHA) have announced the renewal of the organizations' alliance agreement for another two years. The two organizations will continue the strategic partnership with a focus on general injury and illness prevention programs, including ergonomics and hazard communication. The agreement was originally signed October 10, 2002.

The extended relationship between AIHA and OSHA will encourage training, education, outreach, and communication and promote national dialogue on workplace safety and health.

"We are honored and pleased to have been one of the first professional associations to sign an alliance with OSHA, and we are looking forward to working closely with our colleagues at the agency for another year," said AIHA President Frank M. Renshaw, PhD, CIH, CSP.

"OSHA has enjoyed an exceptional relationship with AIHA over the years; this Alliance is but one example of how we work together to make workplaces safer and more healthful for all employees," OSHA Administrator Edwin G. Foulke Jr. said, after signing the renewal in Washington. "Together, we have accomplished much since first joining ranks nearly four years ago. It is important that we stay on course, and I look forward to continuing our association with the professionals at AIHA."

OSHA and AIHA agreed to re-establish this alliance to promote healthy and safe working conditions for

all workers by providing AIHA members with information and guidance to prevent exposure to ergonomics hazards and to improve knowledge pertaining to hazard communication. The two will also work together to assist AIHA members in developing and delivering training and educational programs focused on ergonomics and hazard communication.

Through outreach and communication, AIHA and OSHA plan to continue working closely to seek opportunities to jointly develop information, further support AIHA member participation in OSHA's cooperative programs, facilitate dialogue among occupational and environmental health and safety organizations, and establish avenues and processes for AIHA members to mentor and assist OSHA personnel with professional certification.

For more information on the alliance agreement, please visit www.aiha.org. For questions regarding the AIHA/OSHA alliance or other AIHA government affairs issues, please contact Aaron Trippler at (703) 846-0730 or atrippler@aiha.org.

 Founded in 1939, the American Industrial Hygiene Association (AIHA) is the premier association of occupational and environmental health and safety professionals. AIHA's 11,800 members play a crucial role on the front line of worker health and safety every day. Members represent a cross-section of industry, private business, labor, government, and academia. For more information, go to www.aiha.org.

PDC at the Michigan Safety Conference

On April 17, 2006, the Michigan Safety Conference Industrial Hygiene Division, the Michigan Industrial Hygiene Society (MIHS), and the Western Michigan Industrial Hygiene Society (WMIHS) co-sponsored a PDC at the Michigan Safety Conference (MSC) in Lansing, Michigan. (ABIH CIH CM approval # 06-728; 0.5 CIH CM Points.)

The PDC was titled, "Leadership, Listening and Strategic Alignment". It was presented by Richard D. Fulwiler, PhD, CIH, President of Technology Leadership Associates. It was an interactive learning experience, which utilized group participation, case studies and team exercises. It emphasized strong leadership and communication skills, technical and scientific skills, and personal leadership.

Dr. Fulwiler had a 28 year career in health and safety at Proctor & Gamble starting as an Industrial Hygienist in 1967 and progressing to Director of Health and Safety Worldwide. His responsibilities included occupational medicine, IH, safety, OSHA, workers' compensation and healthcare quality and cost management.

We had 19 that attended the class at \$75.00 each.

19 x \$75 = \$ 1425.00 Profit

Room \$ 100.00 Cost

Rick Fulwiler Expenses \$ 1542.53

Loss of \$ 217.53 (This will be split between MIHS and WMIHS.)



PDC at MSC



PDC at MSC - Rick Fulwiler

MIHS at the Michigan Safety Conference

By Tracy Parsons, CIH, MIHS Board



With strong support from the Nilfisk Corporation, this year's MIHS booth at the Michigan Safety Conference (MSC) was a big success. Each year, MIHS runs a membership drive at the MSC. This year, we recruited 6 new members. If you know any of these people, please encourage them to participate in future

MIHS events so that they can realize first hand the wonderful value and networking afforded by MIHS: Paul Aiken, Don Hinkson, Gerald Houvener, Bob Knobel, Oscar Rodriguez-Franco, and Greg Zigulis.

In addition, 19 people signed up for our e-mail event list. We're hoping that some of these folks can be convinced to join MIHS after they've had some exposure to our events and our terrific educational opportunities.

This year's membership drive was a big success due in large part to the Nilfisk Corporation. Nilfisk donated an "Eliminator" HEPA vacuum as the raffle prize for those either joined MIHS or joined our MIHS event mailing list. Many thanks to Tim Anderson and the Nilfisk corporation for their generous support. The winner of the raffle was Paul Aiken.

Lastly, I'd like to personally thank all the MIHS volunteers who staffed this year's MIHS booth. These people worked

in 2-hour shifts and they (obviously) represented MIHS very well. This year's volunteers were: Pier-George Zanoni, Kristin Osterkamp, Ernie Chiodo, David Currier, Bill Cleary, Laura Randall, Tracy Parsons and Jennifer Lagerbohm with alternates of Rich McLonis, Janet Grapin, and Dave Hands. We could not have done it without you -- THANKS.



Pictured left to right: Laura Randall, Tracy Parsons, Jennifer Lagerbohm, Pier-George Zanoni and Tim Anderson from Nilfisk.

American Industrial Hygiene Association Government Affairs Department



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July 20, 2006

Time Running Out for Congress to Wrap Things Up

As Congress approaches its annual summertime recess, the congressional schedule gets closer and closer to the end, with numerous issues still to be decided. Congress is scheduled to adjourn for its August recess on July 28 and is not scheduled to return until after Labor Day on September 5. Once they return from this recess, they were scheduled for final adjournment on October 6. However, Senator Frist has announced that he will be cutting the session short and will shoot for a September 27th adjournment. He has also stated that he will not allow a "lame duck" session following the November elections.

What does all of this mean? It means that Congress has, literally, less than 30 legislative days to accomplish their work. This work entails many serious issues - the continuing problems in the MidEast, North Korea, Iran, Iraq, the continued "war on terror", and adoption of a federal budget for fiscal year 2007. That doesn't leave a lot of time to consider occupational health and safety issues so don't be surprised if these issues fall by the wayside.

Appropriations Update

Notwithstanding the fact that every year Congress strives to adopt the Labor-HHS-Education appropriations bill in a timely fashion, the bill always seems to be one of the last bills to be adopted. This year is no exception. As a matter of fact, we are nowhere near adoption of this bill. In the House, the bill has passed the House Appropriations Committee and awaits final action in the full House. In the Senate, the bill has passed the Senate Appropriations Subcommittee and will, hopefully, receive markup in the full Appropriations Committee today. Of course, once the bills pass the full House and Senate they must then go to a conference committee where both sides will work out the differences in the bill.

As it now stands, here is where we are:

- In fiscal year 2006, OSHA received \$472.4 million
- President Bush requested for fiscal year 2007 \$483.7 million
- House Committee approval \$486.1 million
- Senate Subcommittee Approval \$491.1 million

Major differences:

The President's request would remove the \$11 million in training grants to increase compliance assistance and a new safety and health information system. The House Committee put some of the money back into training grants. But the House Committee also contained language that would once again direct OSHA to take no

further action to enforce the annual fit-testing of respiratory protection for TB. The House report also requested OSHA to move forward on the proposed personal protective rule. We are still awaiting details of the Senate Subcommittee action to see where the increase in appropriations was placed.

Just when this bill makes its way through the process is anyone's guess. House Democrats claim the Republicans are holding up the bill because of concerns about a minimum wage bill that might be attached. Republicans say the appropriations bill could come up at any time. We will have to just wait this one out.

OSHA Administrator Discusses Agenda

In a recent interview with the BNA Occupational Safety and Health Reporter, OSHA Administrator Edwin Foulke provided a good look at his plans for the coming two and a half years.

Foulke stated that he is in the process of working on an updated semiannual regulatory agenda and said he will move forward on the existing agenda items to their completion. He also said the agency will issue two rules this year. The first has already been promulgated, the Hex Chrom rule. The second is to be the amendment of the OSHA respiratory protection standard to establish requirements for assigned protection factors. In a question about the controversial personal protection equipment rulemaking, Foulke said this is still under consideration and the agency is reviewing the proposed rule.

Assistant Secretary Foulke also pledged to reconstitute the agency's advisory committees, including holding a meeting this fall of the National Advisory Committee on Occupational Safety and Health. This committee has not held a meeting in more than a year. And finally, Mr. Foulke promised to continue to focus on the professionalism of OSHA staff and emphasize training.

MSHA Hires Stickler as Consultant

Richard Stickler, the President's nominee to head up the Mine Safety and Health Administration, has been hired by the Department of Labor as a consultant while his embattled nomination awaits action in the Senate. Because the Senate has blocked the nomination until such time as several Senators feel comfortable with Stickler's background, MSHA has been without an Assistant Secretary for some time.

The appointment of Stickler as a consultant is not unprecedented. Many "consultants" are hired to work with an agency until such time as the nomination becomes confirmed. In the case of Stickler, this could be some time. The United Mine Workers and several Senators have vowed not to allow Stickler to be confirmed. On a similar note, MSHA is also awaiting final action on its

Continued...

2007 fiscal year budget. MSHA received \$280.6 million in '06, the President requested \$287.8 million, the House Appropriations Committee approved \$278.9 million and the Senate Subcommittee has approved \$300.4 million.

Many State Legislative Sessions Completed

A considerable number of state legislatures have wrapped up their annual, and for some bi-annual, sessions. In an upcoming "Happenings", we will take a look at the summary of legislative issues impacting AIHA, including the many bills addressing meth lab cleanup, mold and professional recognition.

Local Section Government Affairs "Primer" Now Available Don't forget to take a look at the AIHA government affairs "primer" for local sections and interested members to learn more about how to get involved in state and local government affairs issues. The primer is intended to provide individuals with some of the basics when getting involved in government affairs issues.

Some of the information available includes:

- A "short" version of how to lobby
- Contacting your elected official, both in-person and through correspondence
- Testifying
- Working with coalitions

The primer is available under the members' only section of the AIHA web site, government affairs section.

Federal and State Legislative Action Centers

Visit the AIHA Federal Legislative Action Center to stay abreast of national issues important to occupational health and safety. The center can be found within the members-only section of the AIHA web page.

The State Center offers AIHA members the opportunity to monitor all state legislative sites, scan IH professional recognition/title protection laws in states where adopted, and even review and follow all state legislation being monitored in the state legislatures throughout the year. Included under each

State site is access to the various state agencies, including the Governor's office and OSHA state plan sites. If professional recognition/title protection legislation has been enacted in a particular state, this law can also be found.

Another important feature is member access to each of the weekly legislative/regulatory reports sent to each state. With this access, members can follow any piece of legislation that may be of interest.

For information on any of the items in this report, please contact Aaron Tripler.

PCIH 2006- Do You Know the Way to OEHS Excellence?

September 16-19, 2006 San Jose, California

www.pcih2006.org

Industrial hygienists and occupational and environmental health and safety (OEHS) professionals will gather in the "City of Solutions," known for its spirit of innovation and entrepreneurial success. The Professional Conference on Industrial Hygiene (PCIH), being held September 16-19 in San Jose, California, will bring together more than 350 colleagues looking for ways to deal with new issues and refresh current skills. PCIH is sponsored by the American Industrial Hygiene Association's (AIHA) Academy of Industrial Hygiene, a group dedicated to advancing the industrial hygiene profession by helping raise the level of competence of industrial hygienists.

More than 40 programs, including professional development courses (PDCs), workshops, and small group discussions, will leave participants equipped with the information they need to excel and give them the chance to stay on top of the field by earning up to 6.5 CM points as well as COCs and CEUs. Meanwhile, the intimate size of the meeting will facilitate opportunities to network with the leaders of the industrial hygiene profession.

Highlights planned for the 2006 conference include:

- Pre-conference symposia covering hazard communication; risk management for global business; the U.N. Globally Harmonized System of Classification and Labeling of Chemicals (GHS); the E.U. Registration, Evaluation, Authorization of Chemicals (REACH) regulations; and control banding.
- Weekend PDCs discussing topics such as industrial hygienists as experts in trials and depositions; environmental forensic analysis; principles of biosafety; industrial counterterrorism; and much more.
- Cutting-edge general session speakers, including Leon Fuerth, George Washington University in Washington, D.C., on "Forward Engagement Approaches for IHs"; Brian Krause, ERM Certification and Verification Services in London, on "HSE Management Systems for Performance or Conformance"; and Gary Visscher, U.S. Chemical Safety and Hazard Investigation Board in Washington, D.C., on "Risk-Based Decision Making: The Near-Miss Dilemma."

Continued...

"PCIH 2006- Do You Know the Way to OEHS Excellence?" Continued...

- Breakfast and luncheon discussions offering attendees opportunities for small-group discussions on topics such as risk assessment, ANSI Z10, and Bayesian statistics.
- Solutions workshops on ethics in the workplace, chemical exposures associated with clandestine methamphetamine laboratories, and improving professional judgment, as well as a mock trial.
- Two tracks of concurrent sessions: "Technical Innovations" and "Refining Management Performance."
- A technical tour to NASA's Ames Research Center.

Attendees will also take full advantage of the opportunity to view the latest products and services and meet with

industry representatives at PCIH's exposition. Exposition hours are 8 a.m.-1 p.m. and 5:30-6:30 p.m. on September 18 and 8 a.m.-12 p.m. on September 19. These top-notch programs are being offered against the backdrop of San Jose, one of the most attractive major metropolitan destinations in the United States. Don't miss PCIH 2006. The deadline to register in advance, purchase tickets, and make hotel reservations is August 18, 2006. After August 18, participants may register at the Fairmont Hotel in San Jose. On-site registration opens Friday, September 15, 2006 at 4 p.m.

For detailed conference information and registration, including a schedule of planned PDCs and education sessions, visit www.pcih2006.org.

Comprehensive Industrial Hygiene Review Course - A Success!

The Comprehensive Industrial Hygiene Review course is co-sponsored by U of M, MIHS and AIHA. It is a four and one-half day course that provides an intensive, high-level review of a wide range of industrial hygiene topics. This program is offered twice annually in Ann Arbor and has gained the reputation of being one of the premier programs for people needing to broaden or refresh their industrial hygiene knowledge base or to focus their efforts on professional certification. (This course improves the pass rate by at least 15%, according to preliminary survey results, from which we have tracked the success rate in passing the exam.) Attendees benefit from interaction with more than a dozen experts covering the industrial hygiene topics.

The directors, including Ted Zellers, PhD at U of M, and Randy Rabourn, MS, from U of M, and Bert Schiller, CIH from MIHS, are very happy with cooperative arrangement the MIHS, AIHA and U of M have maintained for many years to market the course, schedule the location in Michigan, register participants and conduct the program. Especially important is the continued participation of MIHS members and U of M faculty for their unwavering support as speakers in this program. The high quality and consistency of the speakers is largely responsible for the excellent reputation this course has gained.

The next Comprehensive Industrial Hygiene Review Course is being offered on September 25-29, 2006 and is posted on the MIHS Event Calendar. Broadcast emails will be sent to the MIHS membership, as well. It is also posted on the AIHA website at www.aiha.org, under "Continuing Education" then "Road Courses" and appears on the U of M website as well, www.umcohs-programs.org.

For more information call 703-849-8888, or go to the following AIHA web page: www.AIHA.org
MIHS would like to thank the people who directly work on the course:

- Bruce Hermit - AIHA
- Randy Rabourn - UM
- Bert Schiller - MIHS
- Ted Zellers - UM
- Barbara Maestro- AIHA
- Kara Durham - UM
- Samantha Seigman - AIHA

MIHS would also like to thank the instructors:

- Stuart Batterman or Tim Dvonch - Air Pollution - UM
- Jim D'Arcy - Toxicology - General Motors
- Al Franzblau, MD or Tom Robins, MD - Chemical Health Hazards - UM
- Rich Garrison - Ventilation - UM
- Mike Hanna - Biohazards - UM
- Tim Kearney - Non-Ionizing Radiation - Argus Group
- Bob Lieckfield - Analytical Methods - Clayton
- Joseph Miklos - Ionizing Radiation - UM
- Randy Rabourn - Ergonomics - UM
- Bert Schiller - Industrial Processes - Bert Schiller & Assoc.
- Mike Tillotson - Noise and PPE - TEOC
- Roger Wabeke - Heat Stress - Wayne State
- Ted Zellers - Air Sampling Methods - UM

Also, a big thanks goes to Nancy McClellan, CIH, who formerly worked on the course! She has been recently elected to ABIH for a Board Member term from 2006-2010; therefore, she is no longer able to participate in this IH Comp Review Course during her ABIH term. She will be missed, but we all wish her well at ABIH! Congratulations, Nancy!

RECENT AIHA PRESS RELEASES

FOR IMMEDIATE RELEASE

Release No. SPR-06-517-01

Contact: Melissa Hurley, AIHA Communications
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OSHA in 2006 and Beyond

At his first major speaking engagement, Edwin G. Foulke Jr. discusses OSHA's future and its current initiatives

FAIRFAX, VA (May 17, 2006) -The 67th annual American Industrial Hygiene Conference and Exposition (AIHce) offered a line-up of three high-profile keynote speakers. The keynote speaker for today's general session was Edwin G. Foulke Jr.

As assistant secretary of labor, Foulke heads OSHA and its staff of more than 2,200 safety and health professionals and support personnel. OSHA's mission is to reduce workplace deaths, injuries, and illnesses. For the past five years, the agency has used a strategic management plan to guide its efforts. OSHA has succeeded in reaching or exceeding most of their goals, including reduced injury and illness rates through a range of programs, tools, and services.

"I am extremely mission driven and enforcement is a vital tool in OSHA's arsenal," said Foulke. "OSHA plans to find the employers who do not have comprehensive safety and health programs." The agency's vision is that every employer and employee in the nation recognizes that safety and health adds value to businesses, workplaces, and workers' lives. "There are 7.2 million worksites in the U.S. We need to let employers know that OSHA is here to help," Foulke told attendees.

Faced with both new challenges and persistent safety and health issues, OSHA is committed to focusing its resources on achieving the following goals:

- Reduce occupational hazards through direct intervention
- Promote a safety and health culture through compliance assistance, cooperative programs, and strong leadership
- Maximize OSHA effectiveness and efficiency by strengthening its capabilities and infrastructure

Foulke briefly addressed some current OSHA initiatives:

- Hexavalent Chromium Standard that covers occupational exposure to hexavalent chromium (Cr(VI)) in general industry, construction, and shipyards.
- The preparations being formulated by local, state, and federal agencies to respond to the threat of pandemic influenza.
- Globally Harmonized System of Classification and Labeling of Chemicals, known as the GHS. OSHA has prepared an advance notice of proposed rulemaking to consider modifications to their Hazard Communication Standard to adopt the GHS in American workplaces.

OSHA and AIHA continue its relationship through the Alliance Program. In March 2002, OSHA created the Alliance Program. OSHA and Alliance Program participants work together to reach out to, educate, and lead the nation's employers and their employees in advancing workplace safety and health.

Foulke concluded his discussion by thanking the attendees for "making it possible for employees across the country to go home safe each day."

Named by President George W. Bush to head OSHA on Sept. 15, 2005, Foulke was confirmed by the Senate on March 15, 2006 and sworn in as the head of the agency on April 3, 2006. Prior to his nomination, Foulke was a partner with the law firm of Jackson Lewis, LLP in Greenville, South Carolina, and Washington, D.C., where he chaired the firm's OSHA practice group. His practice areas included all topics of labor relations, specializing in occupational safety and health issues, workplace violence risk assessment and prevention, and accident and fatality prevention.

AIHce 2006, being held in Chicago, Illinois May 13-18, is the primary source for learning and networking for the occupational and environmental health and safety (OEHS) profession. It provides industrial hygienists and OEHS professionals with the opportunity to learn about the latest science-based solutions for protecting workers and their health and gain practical advice on business-related issues.

Continued...

FOR IMMEDIATE RELEASE

Release No. SPR-06-515-01

Contact: Melissa Hurley, AIHA Communications
(773) 269-0505; mhurley@aiha.orgAl Rickard, Association Vision
(703) 402-9713; arickard@associationvision.com**Biosecurity Expert Offers Predictions
About Potential Avian Flu Pandemic***Donald Henderson tells health and safety experts
to expect 15 percent absenteeism in workplaces*

CHICAGO, IL (May 15, 2006) - A leading expert on biosecurity told a meeting of health and safety experts today that public misinformation about a possible flu pandemic must be corrected through accurate communication.

Donald A. Henderson, M.D., MPH, resident fellow at the Center for Biosecurity at the University of Pittsburgh Medical Center, delivered the opening keynote address at the American Industrial Hygiene Conference & Exposition (AIHce) in Chicago.

Henderson has an extensive background in public health, infectious disease, biosecurity, and bioterrorism and has served as director of the Office of Public Health Emergency Preparedness and principal scientific advisor in the Office of the Secretary of the Department of Health and Human Services.

In his talk, entitled "Impact of Biosecurity and Bioterrorism on Public Health in the Workplace," Henderson recounted some of the inaccuracies he has seen reported.

"There have been a litany of suggested preparations, but many of them are ridiculous," he said.

He said that the idea of closing U.S. borders or even attempting to gather contact information or somehow screen all incoming airline passengers "makes no sense at all." Beyond the logistical challenges of such ideas, Henderson explained that flu strains can be spread by a person for a day or two before any symptoms appear, making screening ineffective in identifying many people who could spread the flu.

Other suggested procedures, such as closing schools, stationing workers three feet apart, or quarantining infected people in their homes, would also be ineffective, he said. "We have seen from experience that there are no quarantine measures whatsoever that will slow the spread of the flu - it will run its course," he explained.

Henderson also said that estimates of 40 percent absenteeism in workplaces are overblown - he believes absenteeism in the event of a pandemic would be closer to 15 percent. "There are a plethora of ideas, but they don't make any sense," he said. "We could create chaos by engaging in ill-informed and ill-advised activities." Instead, Henderson urged a more rational approach of tracking the facts about any future pandemic and communicating them often to the public.

He called the H5:N1 avian flu strain "unprecedented" because 50 percent of the 200 people who have been infected have died. By comparison, in the 1918 flu pandemic only 2 percent of infected people died.

"This is a type of virus we have never seen before," Henderson observed. Almost all the human cases are the result of the direct contact with birds and only in rare cases has it been spread from person to person.

He predicted that birds infected with avian flu would arrive in the United States by September or October 2006, but does not believe that the flu would spread as rapidly among the U.S. population as it has in South Asia, since poultry is not as free-roaming as it is in Asia.

Henderson expects that the flu would begin to spread from human to human sometime after that date, but that any pandemic would only last about 10-12 weeks. He added that the flu strain may become less virulent as it evolves, since other flu strains have followed this pattern in pandemics in 1918 and 1957.

Developing a vaccine is important, but it cannot be produced until a strain that is transmitted from person to person can be isolated and studied. The timetable to develop the vaccine is then about six months after identifying the strain.

"There will be no vaccine for the 2006-2007 flu season," Henderson cautioned. He acknowledged that more and better planning on how to accommodate flu patients in medical facilities is needed in cities across the nation.

However, he emphasized that "we need to diminish anxiety and avoid panic. We will need to communicate frequently about what's going on and change social activity as little as possible."

Industrial hygienists, who are represented by the American Industrial Hygiene Association (AIHA), will play a vital role in the event of an avian flu pandemic.

Continued...

They will:

- Be closely involved with training and provide up-to-date safe work practices and advise of the use of personal protective equipment.
- Work collaboratively with infection control and prevention specialists to devise the best protective scheme for the situation.
- Play an essential role in maintaining an adequate work force to accommodate event-related changes in work flow and production.
- Participate closely with all parties in the development of a critical path for communication prior to and during a pandemic event.

AIHA's Biosafety and Environmental Microbiology Committee have now finalized a guideline highlighting the role of industrial hygienists in a pandemic and developed some practical advice for businesses to follow to keep their workplaces as healthy as possible in the event of a pandemic.

AIHce attendees will receive a 10% discount on any publication order placed during conference. To order a copy of any of the AIHA publications, please visit AIHA's InfoCentral (booth number 139) in the expo hall or contact AIHA Customer Service at (703) 849-8888 and request the stock number (SEPG06-711). For more information, please contact Katie Robert at krobert@aiha.org. The publications also will be available in mid-May on AIHA's Marketplace.

FOR IMMEDIATE RELEASE

Release No. SPR-06-504-01

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AIHA Debuts New Publications at AIHce 2006

First-ever glimpse of four new publications

FAIRFAX, VA (May 4, 2006) - The American Industrial Hygiene Association (AIHA) announced today that it will showcase four new publications at the 67th annual American Industrial Hygiene Conference and Exposition (AIHce) from May 13-18 at McCormick Place in Chicago, Illinois.

AIHA arrivals that will be available for review and purchase at AIHce are:

The Role of the Industrial Hygienist in a Pandemic
AIHA Biosafety and Environmental Microbiology Committee
Stock number: SEPG06-711

AIHA member price: \$35; nonmember price: \$45

This guideline, provides industrial hygienists with the resources, information, and tools to advise and assist general workers, health care workers, and management to protect workers in the case of a pandemic.

It identifies hazards, risk groups, and recommended controls; offers a communication plan; describes the impact of a pandemic on organizations; and lists key resources to contact for further information.

The IAQ Investigator's Guide (Second Edition)

AIHA Indoor Environmental Quality Committee

Edited by Ellen C. Gunderson

Stock number: IAQG06-144

AIHA member price: \$45; nonmember price: \$60

This guide gives the indoor air quality (IAQ) investigator the tools to conduct thorough IAQ investigations; interpret sampling data; identify sources of chemical and biological contaminants; and be knowledgeable about ventilation system components, occupant concerns and symptoms, and IAQ sampling methods, as well as current IAQ guidelines, standards, and practices. Causes and solutions for common IAQ problems are given, along with guidance for special environments and practical resources (checklists and forms) to help resolve IAQ problems.

Industrial Hygiene Reference & Study Guide
(Second Edition)

Allan Fleeger and Dean Lillquist

Stock number: BIHS06-708

AIHA member price: \$65; nonmember price: \$80

This comprehensive tool is the ultimate quick reference that occupational and environmental health and safety (OEHS) professionals can use in their daily business and is a must have for all students as well as anyone planning to take certification exams. From toxicology and radiation to ventilation and noise, this desktop reference summarizes the key information for all industrial hygiene rubrics.

The following publication will be introduced at AIHce, but will not be completed until June. Attendees will be able to only place pre-orders.

A Strategy for Assessing and Managing Occupational Exposures (Third Edition)

Edited by Joselito S. Ignacio and William H. Bullock

Stock number: AEAR06-327

Continued...

AIHA member price: \$80; nonmember price: \$95
Industrial hygiene professionals will find this resource beneficial in allocating resources for assessing and managing occupational exposures to chemical, physical, and biological agents. Basic characterization; qualitative and quantitative risk assessment and priority setting; monitoring, interpretation, and decision making; recommendations; reporting; and evaluations are among the topics addressed. A CD-ROM with supplementary materials is included.

For more information, please contact Katie Robert at (703) 846-0738 or krobert@aiha.org. The publications will be available in mid-May on AIHA's Marketplace.

FOR IMMEDIATE RELEASE

Release No. SPR-06-516-01

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Rohm and Haas Chairman Raj Gupta Connects Environmental Responsibility with Economic Success

Keynote address delivered to 7,000 health and safety experts at the American Industrial Hygiene Conference & Exposition

CHICAGO, IL (May 16, 2006) - Some people believe that the dual goals of economic growth and responsible management of the environment are in conflict. Not so, according to Raj L. Gupta, chairman, president, and chief executive officer of the Rohm and Haas Company in Philadelphia, Pennsylvania.

Gupta expanded on this view in a keynote speech to 7,000 health and safety experts May 16 at the American Industrial Hygiene Conference & Exposition (AIHce), held May 13-17, 2006, in Chicago.

In his talk, entitled "The Value of Environmental Health and Safety in a Global Business," Gupta explained how his specialty chemicals company has successfully integrated social responsibility, environmental responsibility, and economic growth into its business strategy.

"Some see these as conflicting, but I see them as complimentary," Gupta said. "The challenge today is to create greater social and economic well-being through sustainable development that respects the environment."

Rohm and Haas carries this out through a Responsible Care Management System that takes advantage of innovation and new technology to manufacture products in a way that has less of an impact on the environment. For example, Rohm and Haas produces building materials that can replace wood, saving trees and forests. The company has also developed products to replace formaldehyde and arsenic-based products, produces water-based paints, and lead-free products.

Rohm and Haas is an \$8 billion global company with 16,000 employees and a network of 100 manufacturing sites and 27 research facilities in 27 countries. The company is currently embarked on further expansion and is focused on a range of new, developing markets.

Thirteen of the company's sites participate in the Occupational Health & Safety Administration (OSHA) Voluntary Protection Program, which holds organizations to a high standard of health and safety achievement. Rohm and Haas have also been recognized by the Environmental Protection Agency (EPA) for improvements in energy and water efficiency and have received two Green Chemistry Awards from the EPA.

Through it all, Gupta explained that a successful equation that combines good people, revolutionary new technology, and excellence in execution has helped the company succeed. "Sustainable development is the sum total of these three things," he said. "It makes it possible to be good and to be 'green' as well."

Gupta added that success in today's business world means "understanding the global markets and the intense global forces of change." He cited the current high cost of energy and the geopolitical instability that is affecting the elasticity of supply and demand as an example of this. "We need to seek alternatives and new energy sources if we are to remain competitive," Gupta said. "It's a tough global marketplace. But we are as well positioned as any specialty chemical company in the world."

In closing, he urged companies to "be aware of current practices and what the environmental and safety consequences are."

Continued...

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Release No. SPR-06-510-01

Contact: Jennifer Steffan, AIHF
(703) 846-0768; jsteffan@aiha.orgMelissa Hurley, AIHA Communications
(703) 846-0740; mhurley@aiha.org**The American Industrial Hygiene Foundation
Announces Scholarship Recipients at AIHce 2006***AIHF will award a combined \$49,000 in scholarships to industrial hygiene students*

FAIRFAX, VA (May 10, 2005) The American Industrial Hygiene Foundation (AIHF) announced today that it will formally announce its 2006 scholarship winners on Tuesday, May 16, during the General Session at the American Industrial Hygiene Conference and Exposition (AIHce) in Chicago, Illinois. AIHF is a nonprofit organization formed by the American Industrial Hygiene Association (AIHA) to award scholarships to students studying industrial hygiene.

AIHF would like to congratulate the following students:

- **Masood Ahmed**, Wayne State University, Michigan Industrial Hygiene Society Scholarship
- **Nehal Shah**, Wayne State University, Michigan Industrial Hygiene Society Scholarship
- **Ryann Fisher**, University of Michigan, Ralph G. Smith Memorial Scholarship
- **Kaila Benton-Vitz**, Colorado State University, AIHA Scholarship
- **Jason Nakatsu**, Colorado State University, AIHF Scholarship
- **William Pockels**, Hunter College, AIHA Local Section Scholarship & Jeffrey S. Lee Scholarship
- **Adam Riss**, University of Iowa, Clyde M. Berry Scholarship
- **Amanda Brown**, University of Alabama (Birmingham), George & Florence Clayton Scholarship
- **Katherine Clark**, John Hopkins University, Robert L. Harris Scholarship
- **Wenhai Xu**, UCLA, Liberty Mutual Scholarship
- **Patricia Gillespie**, New York University, Dr. Morton Lippmann Scholarship
- **Rena Saito**, Colorado State University, Jerry Lynch Memorial Scholarship
- **Patricia Gaudet**, University of Massachusetts (Lowell), TSI/Arthur Abrams Scholarship
- **Lindsay Parker**, University of Iowa, Ralph J. Vernon Scholarship
- **Samuel Bigger**, University of Illinois (Chicago), Chicago Local Section Scholarship
- **April Rademaker**, Purdue University, Chicago Local Section Scholarship
- **Stephanie Mathis**, Murray State University, Mid-South Local Section Scholarship

Since 1982, AIHF has distributed more than \$798,000 to more than 44 different schools and universities and 327 students. These scholarships have enabled talented students to complete their education and have encouraged the most promising scholars to enter or remain in the industrial hygiene profession.

Students are evaluated on academic record, extracurricular activities, future goals as an industrial hygienist, and potential for leadership in the industrial hygiene profession. Scholarships are awarded based on the availability of funds provided through contributions from AIHA members, individuals, corporations, and local sections to the AIHF endowment fund.

For the 2006-2007 academic year, eighteen scholarships were awarded to students totaling \$49,000. Five of those scholarships were funded by the Chicago Local Section, the Michigan Industrial Hygiene Society, and the Mid-South Local Section.

For more information regarding AIHF or to make a donation, please contact Jennifer Steffan at (703) 846-0768 or jsteffan@aiha.org or visit <http://www.aiha.org/foundation.htm>.

MIHS and Explorathon 2006

by Carrie Z. Brown, MIHS Board



On April 5, MIHS was represented at Explorathon 2006: Expanding Horizons for Girls in Science and Mathematics. The Explorathon is an annual event for students in grades 8-12 coordinated by the American Association of University Women (AAUW) - Birmingham Branch in partnership with Cranbrook Institute of Science. More than 45 female scientists, engineers, mathematicians and health professionals donated a day to teach interactive workshops to over 600 young women, parents and teachers from 40 different metro-Detroit school districts.

Two industrial hygienists (both members of MIHS) and a toxicologist from General Motors presented a workshop entitled "What in the World is an Industrial Hygienist?" with hands-on stations for noise control, direct-reading instruments and personal protective equipment. A new video that was developed by AIHA to raise students' awareness of the industrial hygiene profession was also shown (<http://www.aiha.org/Content/InsideAIHA/Students/studentcd.htm>). Each student received an MIHS pencil for participating in the session. MIHS was also promoted during a seminar for parents which was very well received.

The goal of the MIHS Community Outreach Committee is to promote industrial hygiene and the MIHS professional organization at local events such as this one. Please send any ideas for future participation to carrieziehl.brown@gm.com.

2006-2007 Officers and Executive Boards

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