

# North Texas Section American Industrial Hygiene Association

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-----**Section Summary**-----

**North Texas Section - AIHA**  
**P.O. Box 610925**  
**Dallas, Texas 75261**

**Founded 1952**  
**85 Year 2004 Members**  
**71 Year 2005 Members**

**Check out our Web Page at:**  
<http://www.aiha.org/localsections/html/NTS>

## Director Message

by Mike Collins

### EHS Communications and Leading Indicators

Another month has passed since the last issue and its time to stimulate those brain cells again. During the last meeting we decided to rotate the responsibility amongst the board (to start with) of providing an article for the newsletter. Our hope is to present some differing perspectives to the membership and to take some of the load off of the current newsletter editor (wonderfully done by Barbara Wilds at Bell Helicopter). Being basically foolish, I volunteered to go first and submit an article for this month’s issue but then again I like Macintosh computers.

Note: There are no guidelines on how these articles are to be written or what subject they cover so here goes . . . .

### Leading and Trailing Metrics

Sounds kind of financial but in this case its actually a new buzzword for EHS Metrics. I’ve even seen a couple of web-based courses about this (at about \$180 a pop). In our company, the senior management likes to track and report the usual items like incident rates, lost day case rates, significant safety events, environmental exceedences, overdue audit findings, etc.

All of these provide plenty of data to crunch and report on but don’t really

seem to connect to the “real people” who work on the line day after day. I think if you asked the average line worker "what is our severity rate these days"; you would probably get a blank stare or be invited to discuss it with somebody that cares. Don’t get me wrong, rates are real interesting numbers in hind sight (historical trends) but mostly mean very little to those outside the EHS realm.

What if we could provide some metrics that show leading trends and that real people could understand and connect with? One example of communicating such information is what we term our Dashboard Metrics and is used to communicate manufacturing data to the masses.

### The Dashboard

Just like driving your car, a quick look at the dashboard instrumentation tells you at a glance where things stand at that moment and are generally understood by most drivers (although some still don’t know what the “check engine” light means or how long it’s been on). The dashboard also is basically a graphic device and sure is more interesting than just a listing of the data.

Our manufacturing and service information is converted to an easy to read graphic that looks like the common cars dashboard. You can see at a glance what your current rate of service calls per year is currently at with a “red line” section denoting your goal. The same is true for the number of complaints per instrument

and several other metrics that we track and report. A quick look lets you see where we are at, how close or far away from the goal we are with a minimum of “special knowledge”. Let’s say our gauge runs from zero to six with the numbers above three being in the red line zone. Even I (not actually born in Texas) can see that if the needle is pointing to two, we’re under the goal but getting close to exceeding it.

The leading metric descriptor is a bit more complicated to define and calls for some creative thinking and this is where your ideas can help and possibly benefit others.

Let’s say we used to measure how many automobile related accidents we have as a site. You can insert this in the dashboard form with where we are at and what the goal is but it is mostly a trailing metric. A suggestion might be to report on the number of defensive driving class participants we had and see if it is a predictor of a high or low rate, thus it becomes a leading metric.

Our EHS group tracks how many incidents we have but we also report on how many of the incident reports are received by EHS within our reporting goal of no more than six days following the incident. As the number of prompt reporting exceedences decreases, you can see a

### Nanotechnology Symposium

**Date:** November 3, 2005  
**Time:** 7:30 a.m. – 3:45 p.m.  
**Location:** 5204 E. Ben White Blvd, Austin, TX  
**Sponsor:** Texas Hill Country Chapter AIHA

Selected continuing education credit for attendance is available.

For more information and registration forms, go to <http://www.texashillcountryaiha.org/nanotechsymposium/nanoprogram.htm>

decrease in the some elements of the accident parameters (some costs, more accurate descriptions, etc).

### The Request

Back to the request I mentioned earlier; we (I) would like to assemble a list of Leading Indicators that can be shared with the membership in a later newsletter. If you would be so kind as to submit some examples of what you are using or what you think might be a useful leading indicator, I will consolidate the information and share it with you all (y’all). The best way to contact me is by using my email address that is: <mailto:michael.collins@abbott.com> I promise to share all of the suggestions I receive.

I hope this article gets you thinking and please let me (or the board) know what you think. Thanks in advance for taking time to participate. – Mike Collins, Director

Thank you for reading, and I hope to see all of you at a meeting soon. ☺

### Crisis Communication CD Available for Loan to NTS-AIHA Members

The NTS-AIHA has purchased Dr. Peter Sandman’s CD *Crisis Communication: Guidelines for Action – Planning What to Say When Terrorists, Epidemics or Other Emergencies Strike*.

Effective crisis communication is the key to saving lives during times of threat or disaster. This new Crisis Communication CD provides content that is counter-intuitive for almost any professional caught in the midst of a crisis.

Learn Dr. Peter Sandman’s 25 Key Crisis Communications Points with case study examples, including:

- Don’t over-reassure
- Err on the alarming side
- Acknowledge uncertainty

### Treasurer's Report

01/01/2005 Through 8/21/2005

INFLOWS		\$
<i>Dues</i>	1000.00	
<i>Teleweb Seminars (3)</i>	340.00	
<i>Newsletter Sponsor</i>	60.00	
<i>AIHA Website Award</i>	500.00	
<b>TOTAL INFLOWS</b>	<b>1,900.00</b>	
OUTFLOWS		\$
<i>Science Fair Awards/Banquet</i>	452.90	
<i>Mail Service/Postage</i>	206.66	
<i>TeleWeb Seminars (4)</i>	990.00	
<i>OSHA/MSHA Update 2004 w/ASSE</i>	1,024.00	
<i>Officer Recognition Awards</i>	207.40	
<i>Donation to AIHF</i>	500.00	
<i>Crisis Communication CD</i>	302.50	
<b>TOTAL OUTFLOWS</b>	<b>3,683.46</b>	
OVERALL TOTALS		\$
<i>Annual Total</i>	(1,783.46)	
<i>Checkbook Balance</i>	5,563.02	
<i>Certificate of Deposit</i>	5,132.00	
<b>OVERALL TOTAL</b>	<b>10,695.02</b>	

- Share dilemmas
- Acknowledge opinion diversity
- Be willing to speculate
- Don’t aim for zero fear
- Legitimize people’s fears
- Tolerate early over-reactions
- Establish your own humanity
- Tell people what to expect
- Offer people things to do
- Ask more of people
- Don’t lie, and don’t tell half-truths
- Aim for total candor and transparency
- Be careful with risk comparisons

The CD will be available for checkout for a two-week period per request. Contact Gerry Walsh, NTS-AIHA Secretary at 817-280-2237 or <mailto:gwalsh@bellhelicopter.textro.com>. ☺



**AIHA  
Teleweb  
Virtual  
Seminar –**

**Nanotechnology:  
Overview and  
Relevance to  
Occupational Health**

**Date:** Wednesday, September 14, 2005

**Time:** 1:00 p.m. – 3:30 p.m.

**Location:** Bell Helicopter, 3000 S. Norwood Dr., Hurst, TX 76053

**Certification Points:** 0.5 CM, 0.25 COC, and 0.25 CEU. Participants must submit a final exam (with a processing fee of \$25.00 per student), and complete a seminar evaluation.

**Cost:** \$10 per person (includes printed materials – does not include the \$25 processing fee for obtaining certification points).

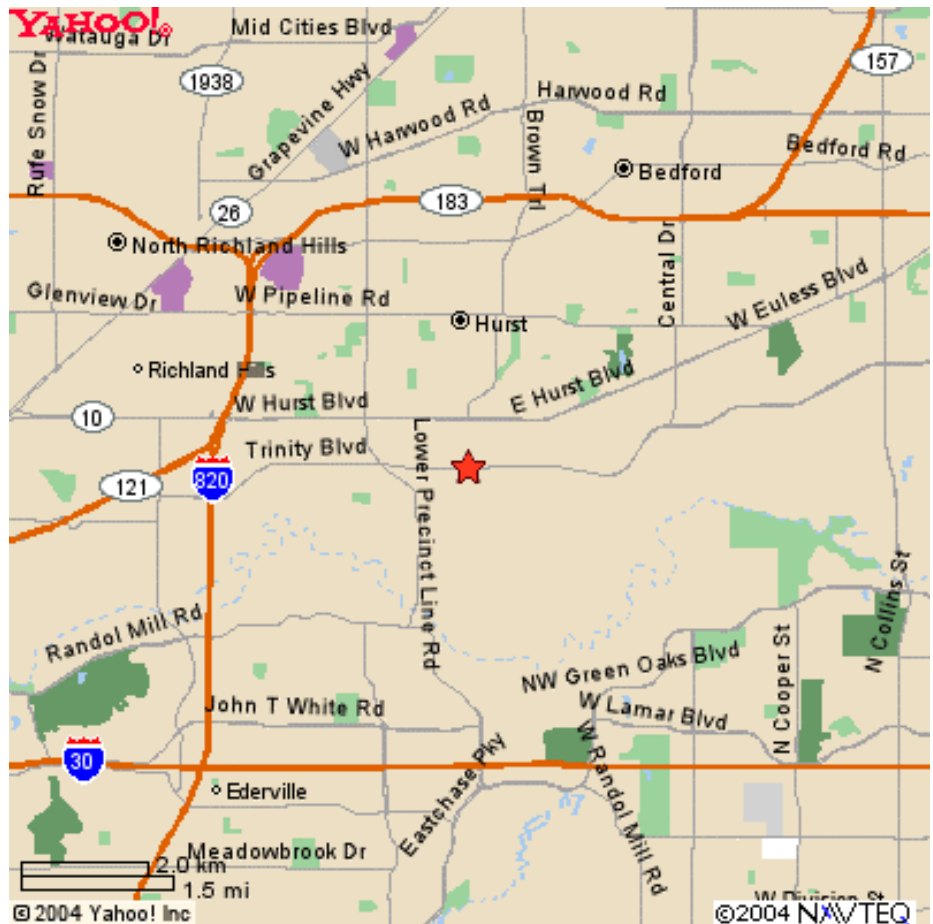
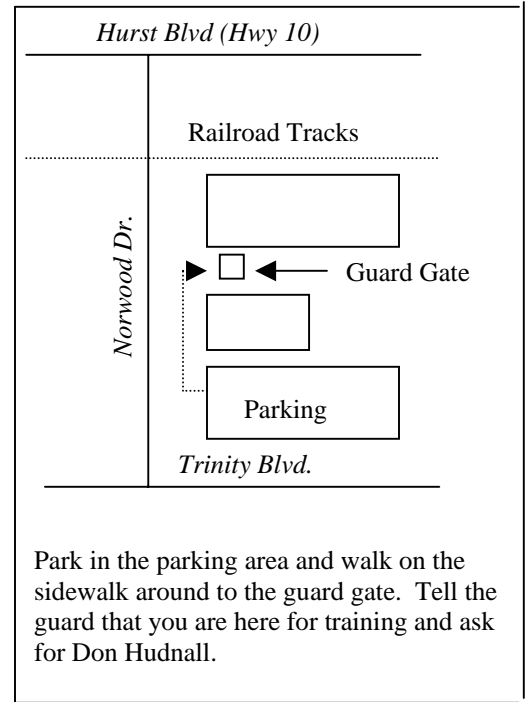
**Contact:** Don Hudnall at 817-280-2832 or <mailto:dhudnall@bellhelicopter.textron.com>

Nanotechnology is based on the unique properties manifest in nanometer-scale structures, and it is expected that resulting products will in turn present unique health and safety issues.

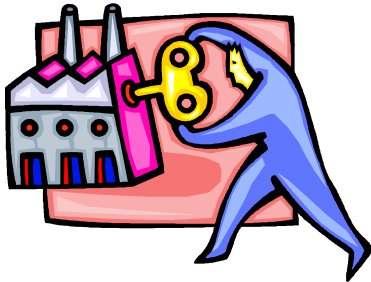
This Teleweb seminar will explore the challenges presented by nanotechnology to the occupational safety and health community and progress towards addressing these challenges. The field of nanotechnology will be introduced, along with a broad overview of the health and safety issues

Participants will gain:

- A general understanding of what is meant by “nanotechnology”
- An awareness of the new challenges nanotechnology presents to protecting safety and health in the workplace
- An understanding of engineered nanomaterial characteristics that potentially influence health risk
- An awareness of the applicability of current knowledge to working safely with engineered nanomaterials and research needs to enable quantitative risk assessments in the future. ⊗



# Annual North Texas OSHA Regulatory Update Seminar



**Date:** Tuesday, September 27, 2005

**Time:** 8:00 a.m. – 4:30 p.m.

**Location:** Ruthe Jackson Center, 3113 S. Carrier Parkway, Grand Prairie, Texas

**Cost:** \$65 (includes continental breakfast, lunch and afternoon snack)

**Certification Points:** 1 CM; 0.5 COC

**Sponsors:** Fort Worth Chapter ASSE; North Texas Section AIHA; Southwest Chapter ASSE

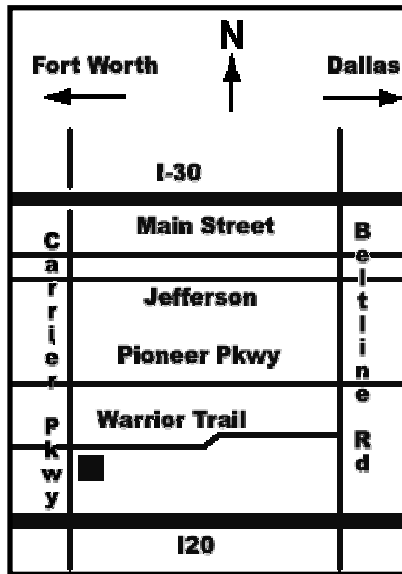
**Contact:** Don Hudnall 817-280-2832 or

<mailto:dhudnall@bellhelicopter.textron.com>

## Proposed Program:

- OSHA Standards Update Final Rules – Phase II
- Explosion & Fire in an Explosives Manufacturing Operation
- OSHA Proposed Rule – Hexavalent Chromium
- Status Report: Respiratory Protection & MSDSs
- State of Texas Specific Regulatory Issue
- Name That Violation!
- Silica Exposures in Construction
- Area Director’s Update

Come join us and hear from the Fort Worth and Dallas OSHA staff on what is going on within OSHA and what their latest initiatives are.



**From I20**  
Exit Carrier Parkway

**From I30**  
Exit Beltline Road  
South to SH303/Pioneer Parkway  
West on SH303/Pioneer to Carrier

This is a great opportunity to network with your fellow occupational health and safety professionals and to have your questions answered by the regulatory representatives that will be present.

Following are comments from previous year’s attendees:

*“Overall a good program.”*

*“With 20/20 hindsight, I am glad I came.”*

*“I could have used more paper for note taking.”* ☒

**Vendor Space Free  
With Seminar  
Registration  
Contact Mike Donahue  
Phone: 972-518-6696**

## Excerpts From AIHA’s Happenings From The Hill

### Hazard Communication

Rep. Phil English (R-PA) is expected to introduce a package when Congress returns that would address the issue of Material Safety Data Sheets and the Globally Harmonized System of Classification and Labeling of Chemicals.

The bill will likely create a Commission to consider whether the United States should implement the Globally Harmonized System (GHS) and, if so, how should we go about doing it. As for MSDS, the bill would require OSHA to develop model MSDSs.

### Expansion of OSHA Coverage

Rep. Phil English (R-PA) has introduced HR 3473, a bill that would amend the OSH Act to provide coverage for all federal and state government employees, employees of political subdivisions of a State, or any interstate governmental agency.

### Ergonomics Activity

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

## Upcoming Meetings, Seminars and Conferences

### **AIHA Teleweb Virtual Seminar – Nanotechnology**

**Date:** September 14, 2005

**Location:** Bell Helicopter, 3000 S. Norwood, Hurst, TX 76053

**Contact:** Don Hudnall at 817-280-2832 or <mailto:dhudnall@bellhelicopter.textron.com>

### **ASSE - Leveraging Executive Safety Leadership**

**Date:** September 15, 2005

**Location:** Technical Audio Conference Call

**Contact:** <http://www.asse.org/fr506.htm>

### **National Safety Council Congress & Expo / XVIIth World Congress on Safety and Health at Work**

**Date:** September 18 – 23, 2005

**Location:** Orlando Convention Center, Orlando, FL

**Contact:** <http://www.nsc.org/events>

### **OSHA/MSHA Update**

**Date:** September 27, 2005

**Location:** Ruthe Jackson Center, 3113 South Carrier Parkway, Grand Prairie, TX 75052

**Contact:** Don Hudnall at 817-280-2832 or <mailto:dhudnall@bellhelicopter.textron.com>

### **Second International Symposium on Nanotechnology and Occupational Health**

**Date:** October 3 – 6, 2005

**Location:** Radisson Hotel Metrodome, 615 Washington Ave., SE, Minneapolis, MN

**Contact:** <http://www.cce.umn.edu/conferences/nanotechnology/>

### **2005 IAQA-IESO-AmIAQ Annual Meeting & Exposition**

**Date:** October 6 – 9, 2005

**Location:** Hilton Resort at Walt Disney World, Orlando, FL

**Contact:** <http://www.iaqa.org/> or <http://www.amiaq.org/>

### **Exposure Assessment Symposium**

**Date:** October 20 – 21, 2005

**Location:** Marriott City Center Downtown, Denver, CO

**Contact:** <http://www.aiha.org/TheAcademy/html/eaagenda.htm>

### **PCIH 2005**

**Date:** October 22 – 25, 2005

**Location:** Marriott City Center Downtown, Denver, CO

**Contact:** <http://www.aiha.org/TheAcademy/html/pcih.htm>

### **Nanotechnology Symposium**

**Date:** November 3, 2005

**Location:** 5204 E. Ben White Blvd, Austin TX

**Contact:** <http://www.texashillcountryaiha.org/nanotechsymposium/nanoprogram.htm>

# Year 2005 Membership

**NTS-AIHA Membership Benefits Include**

- Subsidized meetings and member discounts.
- \$10 savings on each issue of newsletter sponsorship. \$15/issue for non-members. \$5/issue for members
- NTS-AIHA Membership Directory sent in December and upon request. Members only.
- Immediate notification of local job opportunities for members on email distribution list. .
- NTS-AIHA Voting Rights.

**Dues are only \$15 / year**

Thank you for taking the time to complete the following information even if you are renewing your membership.

## NTS-AIHA MEMBERSHIP APPLICATION

(Please print)

Name: \_\_\_\_\_  
 Certification: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Employer: \_\_\_\_\_

Business address: \_\_\_\_\_ Home address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email address: \_\_\_\_\_

*(NOTE: Please provide an e-mail address so that the newsletter can be e-mailed to you. Hardcopies will no longer be mailed.)*

In membership directory, list my: (check one) Business: \_\_\_\_ Home: \_\_\_\_

Do you wish to receive immediate notification  
 of job opportunities via email: (check one) No: \_\_\_\_ Local I.H. All I.H Jobs  
 Jobs: \_\_\_\_ rec'd: \_\_\_\_

Are you a national member: Yes: \_\_\_\_ No: \_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Dues: \$15.00 per year.....Make checks payable to NTS-AIHA  
 Send this form and payment to:  
**North Texas Section – American Industrial Hygiene Association**  
**P.O. Box 610925, Dallas, TX 75261**  
 Federal Tax ID 31-1254249