Update from Our Industrial Hygiene Associations

YPSW Section of AIHA
January 22, 2004

AIHA Update
Information Provided by
Tom Grumbles, CIH
President, AIHA
Membership Issues Facing AIHA

- Lack of volunteer time
- Graying of profession and membership
- Need to attract younger/newer professionals
- Rise in generalists
- Creating public awareness

Graying Of Us

- Members with 10 years of experience or less
  - 2003: 20.4%
  - 2000: 36.4%
- Members with 25 years or more experience
  - 2003: 28.2%
  - 2000: 15.5%
Graying Of Us

- **Members under 40**
  - 2003: 24.7 %
  - 2000: 36.4 %

- **Members 50 or older**
  - 2003: 40.7
  - 2000: 25.6

- Is it us or society?
  - 55 -64 age group will increase 40% in next 20 years (AARP)

Certifications

- CHMM: 58.3%
- CSP: 23.2%
- No Certificate: 22.9%
- Other Certificate: 18.3%
- CHMM: 7.2%
- PE: 6.1%
- IHIT: 3.9%
### Areas in Which Professional Time is Spent

<table>
<thead>
<tr>
<th>Area</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occup / Indus Hygiene</td>
<td>53%</td>
</tr>
<tr>
<td>Environment</td>
<td>12%</td>
</tr>
<tr>
<td>Safety</td>
<td>22%</td>
</tr>
<tr>
<td>Other</td>
<td>13%</td>
</tr>
</tbody>
</table>

### Current Employer

<table>
<thead>
<tr>
<th>Employer Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Industry</td>
<td>32.4%</td>
</tr>
<tr>
<td>Government</td>
<td>14.8%</td>
</tr>
<tr>
<td>Consulting (self-employed)</td>
<td>14.6%</td>
</tr>
<tr>
<td>Consulting (other owners)</td>
<td>14.5%</td>
</tr>
<tr>
<td>Other</td>
<td>14.0%</td>
</tr>
<tr>
<td>Academic</td>
<td>7.5%</td>
</tr>
<tr>
<td>Labor</td>
<td>2.3%</td>
</tr>
</tbody>
</table>
Mold: What’s The Problem?

- The available science is incomplete and sometimes controversial
- No accepted national standards for evaluation or remediation
- Validated methods to measure contamination still being developed
- No clear benchmarks or standard values to compare the results to
- Scientific uncertainties exist in the medical diagnosis of mold-related health effects.
- Intense public and media attention creates emotionally charged circumstances that make scientific judgment and reasoned dialogue difficult

Mold Activity

- Education
  - 70+ hours of education at AIHce 2003
  - Biggest teleweb seminar to date on mold this year
- Environmental Microbiology Laboratory Accreditation Program (EMLAP)
- Consumer education
  - “The Facts About Mold” brochure
  - Partnership with the National Association of Realtors
Continuing Education

- Key need of our members and a key function of the association
- The “road show” is fading fast
- “Distance learning” as the model for continuing education has changed what members expect from AIHA.

Interest in Education Formats

<table>
<thead>
<tr>
<th>Format</th>
<th>Very Interested</th>
<th>Interested</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-ROM</td>
<td>31.3%</td>
<td>47.7%</td>
</tr>
<tr>
<td>Computer Software</td>
<td>24.0%</td>
<td>47.0%</td>
</tr>
<tr>
<td>Internet/WWW</td>
<td>26.7%</td>
<td>44.2%</td>
</tr>
<tr>
<td>Book</td>
<td>36.0%</td>
<td>33.7%</td>
</tr>
<tr>
<td>Videotape</td>
<td>17.0%</td>
<td>33.6%</td>
</tr>
<tr>
<td>Books By Chapter</td>
<td>18.8%</td>
<td>27.9%</td>
</tr>
<tr>
<td>Video Conferencing</td>
<td>9.9%</td>
<td>27.0%</td>
</tr>
<tr>
<td>Satellite Broadcasting</td>
<td>7.2%</td>
<td>20.6%</td>
</tr>
<tr>
<td>Other</td>
<td>13.0%</td>
<td>8.7%</td>
</tr>
<tr>
<td>Audiocassette tape</td>
<td>8.0%</td>
<td>13.9%</td>
</tr>
</tbody>
</table>
Distance Learning

- Self Study Courses
- Web Courses
- TeleWeb Virtual Seminars
  - 2000: 306 people participated
  - 2002: 1,670 in 5 courses
  - 2003: 1,400 people participated in 5 courses, including 53 local sections and multiple foreign sites, through 7/15.

2002 - 2003 TeleWeb Seminars

- Respirator Replacement Schedules
- OSHA’s New Recordkeeping Rule
- Assessment Of Microbiological Contamination
- How To Give Expert testimony
- Revised ANSI Z.9.5
- Exposure Assessment Process
- Assessment Of Microbiological Contamination
- Chemical and Biological Terrorism Crisis Communication
TeleWeb Seminars

- Remote Location Opportunity
- Register as a site ($195)
- Need: computer, internet, speaker phone, LCD projector
- CM points available for most to date

The Journal

- In 2004 AIHA will no longer have a journal !!
- AIHA Journal and the ACGIH Journal will combine
- New journal is *The Journal of Occupational and Environmental Hygiene*
The Journal

- Primary delivery mechanism will be electronic
- Advantages
  - More timely information available
  - Access for all to archives for both the AIHA and ACGIH Journals
  - ACGIH and AIHA members will also receive an annual CD-ROM, archiving all articles published in that year

ABIH Update

Information Provided by
Lynn O’Donnell, CIH
Executive Secretary, ABIH

2003 AIOH Conference
Computer Delivery of Exams

- 2004 change; last paper and pencil exam in Hawaii 4/04
- Using Prometrics/Sylvan Learning Centers; 300 in U.S. and Canada
- 2 month testing windows: April and May/October and November
- 2/1 and 8/1 application deadlines
- Overseas sites still pencil and paper

Board Governance

- Voted to change Board governance to “Carver Policy” model
- Defines responsibilities and accountabilities of staff and Board
- Reduces Board time in detailed functions
- Details/bylaws changes will be worked out in 2004
New ANSI/ISO Standard for Accreditation Boards

- ABIH will work towards meeting this standard
- Requires an onsite audit
- Timeframe undetermined at this time

AIH Update

Information Provided
Joe Holtshouser, CIH
President, AIH
The Academy activity focus:
- Promotion of CIH: Government, Industry, Labor
- Advancement of ABIH Certification Process
- Support ABET / ASAC Accreditation
- Establishment / Revisions / Education in Industrial Hygiene Code of Ethics
- Professional Development: Mentoring Initiative

Promote Industrial Hygiene
- Enhanced Recognition of Need for Highest Level of Competence in Industrial Hygiene Practice
  - Brochure 1 - Why Hire an Industrial Hygienist?
  - Brochure 2 - Why Become a CIH?
- Collaborate with Other Professional EHS Groups
  - Board of Environmental Auditors Certification
  - ABIH
PROFESSIONAL DEVELOPMENT

- PCIH: focus on small meeting/dialogue senior level

- “Diplomate” Newsletter: for CIH’s and all AIHA members

- Accreditation of Academic Programs
  - 31 Schools
  - 27 Graduate / 5 Undergraduate (IH)

PCIH 2003: A Rousing Success

- > 300 attendees
- 2 concurrent educational tracks
- Special workshops to address needs of today’s IH leaders
- 9 PDCs
- Small luncheon discussions
- 2-day General Management and Leadership course
- Exhibits, networking, new ideas and fun
Joint Ethics Committee

- Sponsor / support the JIHEEC
- Joint Industrial Hygiene Ethics
- Education Committee [ABIH, AIH, AIHA, ACGIH]
  - Revise and Maintain Ethics Code
  - PCIH / AIHce Sessions/Workshops and Discussionals on Ethics
  - Case Studies in the “Synergist”

Accreditation- ABET

- ABET / ASAC (Applied Science)
- ABET = federation of 31 professional & technical societies
- Since 1932 has provided quality assurance of education through accreditation
- Accredits ~2500 engineering, technology, computing and applied science programs (>550 colleges)
- Recognized by Council on Higher Education Accreditation
MENTORING PROGRAM

Objectives:
- Guidance for younger IH’s (learning partners) in acquiring field experience
- Offer direction for graduates as they transition to workforce

Objectives (cont.):
- Coach learning partners to improve managerial skills
- Expose learning partners to range of career possibilities in profession
- Provide leadership examples
PROGRAM STRUCTURE AND REQUIREMENTS

- Semi-formal process
- Application for mentor and learning partner
- Stated learning goals from recognized IH rubric
- Minimum 6 month commitment to partnership
- Minimum of 6 contact hours within calendar year
- Meeting logs maintained of each contact hour
- Post-partnership evaluation process

IMPLEMENTATION

- Partners decide frequency and content of meetings
- Mentor coordinator monitors progress, provides support, and evaluates final outcome
- Guidance manual provides meeting guidelines, mentoring tips, and suggested activities
MENTORING CM POINTS

- Mentors:
  - 1 CM point for successful completion of a partnership and
  - .5 CM points for each 3 hours of fieldwork involving a learning partner
- Cap of 5 CM points for mentoring in one re-certification cycle

Want more information on the Mentoring Program?

- Nancy Orr, AIH Mentoring Coordinator
  - Phone: 201-847-6899
  - Email: norr@bd.com
- Currently looking for learning partners and mentors in several regions of the country.
Professional Conference on Industrial Hygiene

PCIH 2004

October 2 – 5, 2004

Le Centre Sheraton Hotel

Montreal, Canada

“Passport to New Horizons”