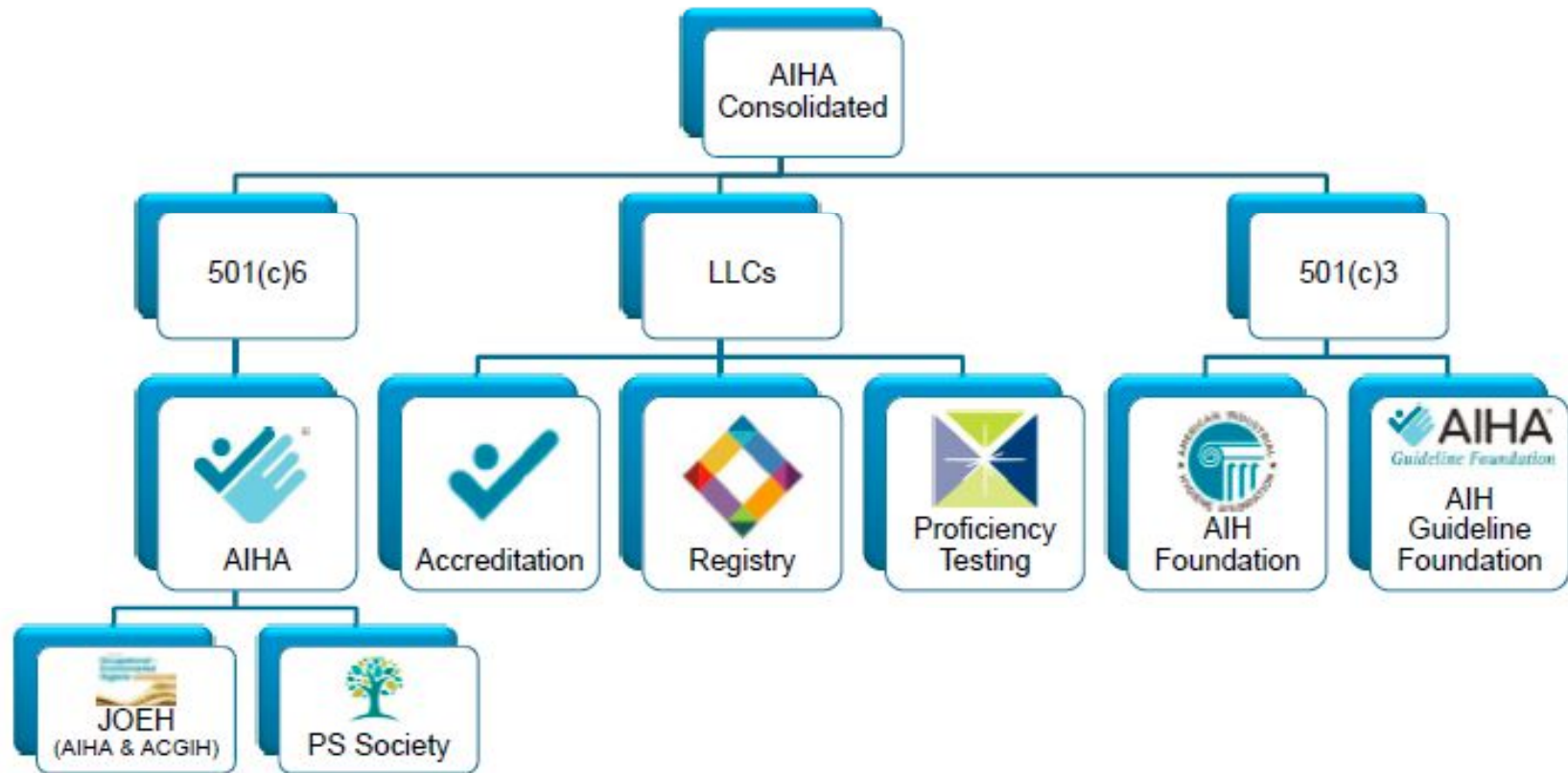


California Industrial Hygiene Council 28th Annual Professional Development Seminar

AIHA Organization Structure



AIHA Strategic Plan (2019-21)

Our Mission - *Empowering those who apply scientific knowledge to protect all workers from occupational hazards*

Our Vision – *A world where all workers are healthy and safe*

Domains/Success Statements

1. **Community:** AIHA will foster networking, communication, engagement and interaction in our membership and among our professional communities, and work towards achieving common goals.
2. **Awareness:** AIHA will promote the practice of IH to increase awareness of its value and to sustain the future of our organization and profession.
3. **Advancement / Dissemination of Knowledge:** AIHA will explore, develop and deliver cutting-edge educational resources to advance the profession of industrial hygiene.
4. **Integrity of IH Practice:** AIHA will identify, develop and maintain avenues to achieve excellence in standards of IH practice.
5. **Advocacy:** AIHA will advance public-policies that protect the profession and foster worker health and safety.

Making a Difference: Developing Economies

- ❑ 80% off discounted prices for selected ePublications
- ❑ New micro-grants program
- ❑ OHTA W201 eLearning program
- ❑ New online community for International Members
- ❑ New Virtual Section

Making a Difference: Brand Refresh Initiative



Making a Difference: Global Reporting

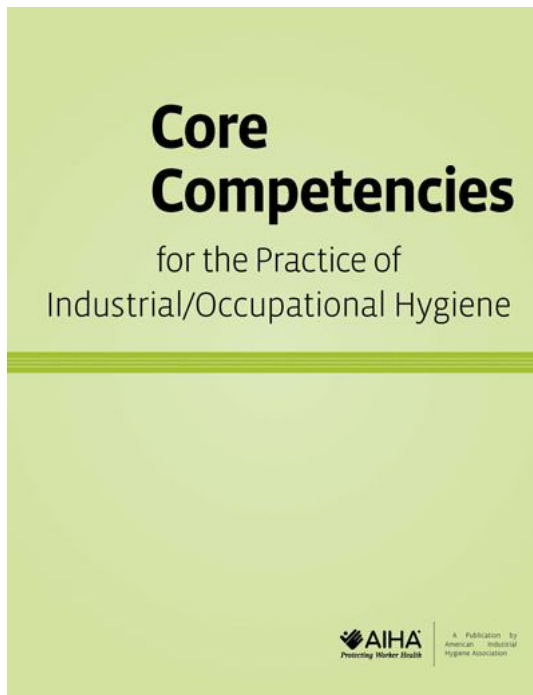


Vision: To be a recognized thought leader for sustainability and corporate social responsibility

- Launched in June 2011 as a 501(c)3 nonprofit organization
- Provides over 100,000 occupational safety and health professionals in over 70 countries with a stronger voice in shaping sustainability policies
- Focus on:
 - Standardization and transparency of Corporate OHS Reporting
 - Consensus on publicly reported metrics
- Proposed project (2019/20):
 - Health Metrics - convene a broad working group IH, Safety, Medical, industry, labor and government, to develop leading health indicators

Making a Difference:

Core Competencies for the Practice of Industrial-Occupational Hygiene (Revised 2018)



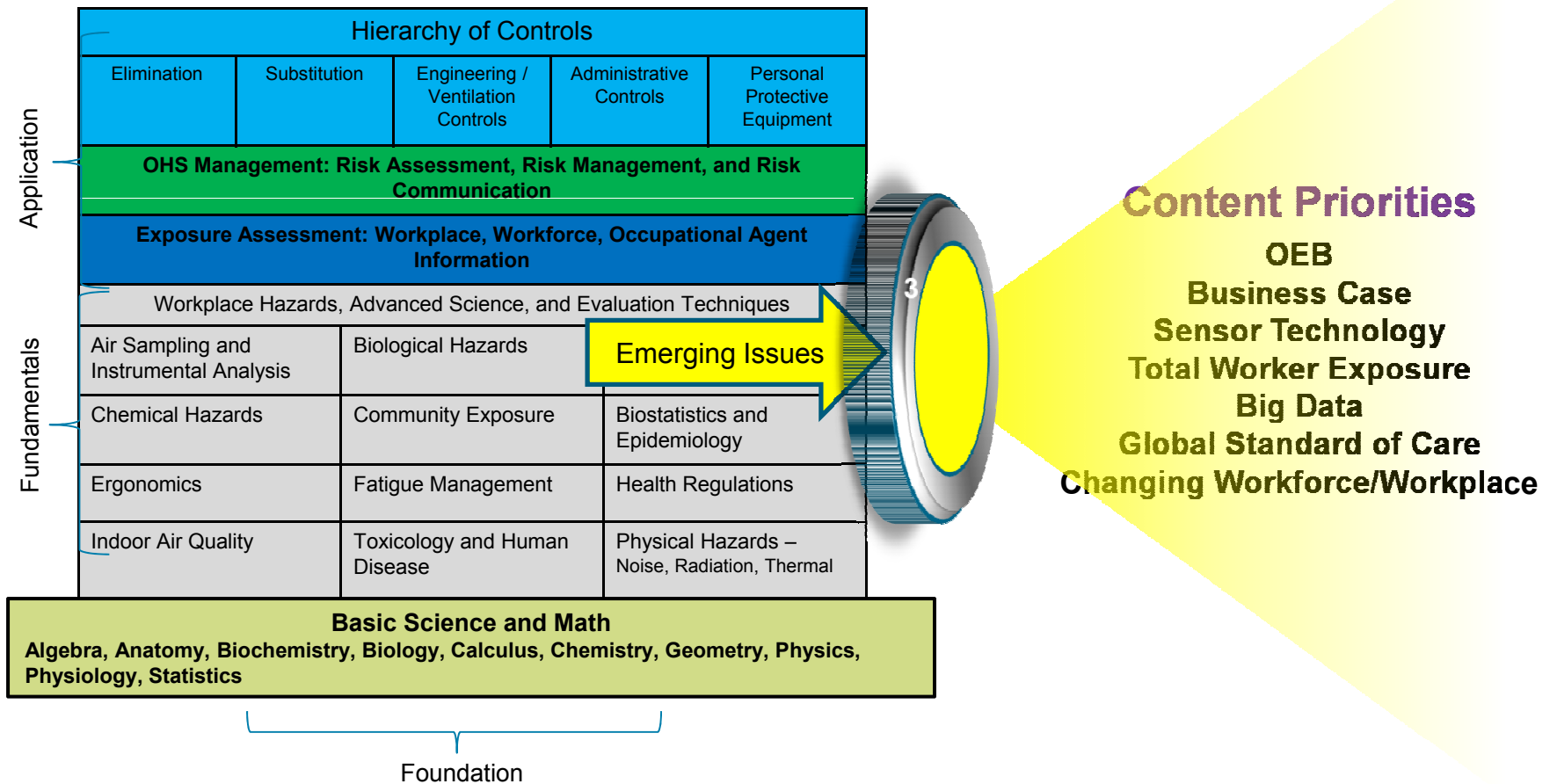
- Outlines the essential knowledge, skills, and abilities that an IH/OH working at different levels of practice should possess
- Applicable to :
 - Students
 - Academia
 - Employers
 - Individual practitioners

Get your free digital copy at:

<https://www.aiha.org/publications-and-resources/Pages/Core-Competencies-for-the-Practice-of-Industrial-Occupational-Hygiene.aspx>

Industrial Hygiene Practice

Foundation – Fundamentals – Application – Content Priorities



Making a Difference:

Content Priority #1: Big Data

Vision Statements (Where do we want to be?)

- IH professionals are leveraging cutting edge data management technologies, such as Big Data and Machine Learning analytics, to inform risk assessment and management decisions.
- IH professionals understand, are conversant, and have the appropriate Big Data and Machine Learning tools to provide an integrated workplace profile for hazards and exposures.
- IH professionals have software platforms that use standardized data criteria and tools that facilitate the transfer of data and use of data repositories.

Making a Difference:

Content Priority #2: Business Case for IH

Vision Statements

- AIHA is a champion for generating awareness and promoting the value of the IH profession to corporations and the community.
- AIHA develops tools to support IH professionals in communication with Management, the C-suite and the community.
- AIHA content products always include an underlying business case.
- AIHA identifies how IH skills can contribute to the well-being of the business enterprise.

Making a Difference:

Content Priority #3: OEB

Vision Statements

- AIHA in partnership with NIOSH is educating health & safety professionals on the importance of utilizing Occupational Exposure Banding (OEB) in their exposure risk assessments.
- IH and allied professionals (e.g., Product Stewards, Occupational Health Nurses and Doctors) develop and actively use practical guidance for application of OEB in their professional practice.

Making a Difference:

Content Priority #4: Global Standard of Care

Vision Statements

- AIHA contributes to and drives a harmonized standard of care for global workers.
- AIHA provides technical content to global IH professionals.
- AIHA engages with global partners on critical tools, resources and applicable international consensus standards to foster a global standard of care for global workers.

Making a Difference:

Content Priority #5: Sensor Technology

Vision Statements

- AIHA has a robust portfolio of sensor technology education and training for both members and non-members.
- AIHA develops guidance documents relating to sensor application, performance, management, use and limitations
- IH community is a key influencer in the process of updating guidelines and standards related to the application of new sensor technologies.

Making a Difference:

Content Priority #6: Total Worker Exposure

Vision Statements

- IH professionals understand how non-occupational exposure profiles (i.e., hobbies, consumer products, public health) integrate with occupational exposures to effect health outcomes and are engaging IH skill sets in addressing this integration.
- IH professionals are seen as valued partners in Total Worker Health™ promotion.
- IH professionals are seen as exposure scientists that anticipate, recognize, evaluate and control all exposures that combine to impact human health.

Making a Difference:

Content Priority #7: Changing Workforce

Vision Statements

- IH professionals are aware of the importance of non-traditional exposure profiles (i.e., multiple employers, gig work, telecommuting).
- IH professionals are aware of the changing workforce (i.e., aging, chronic disease).
- IH professionals are aware of the causes that are shaping changes in the workforce (global economic shifts, migration) to better understand implications of the changes.

Making a Difference:

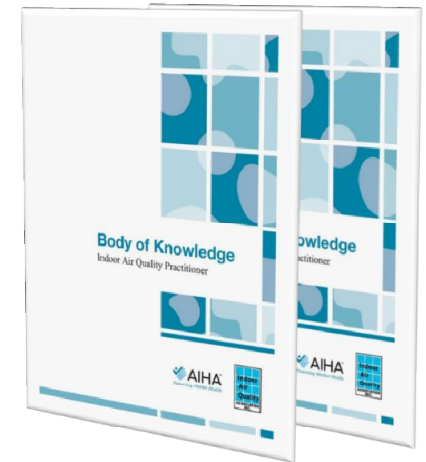
Scientific and Technological Initiatives

BoK Status

- **Completed - available on AIHA webpage**
 - SDS & Label Authoring (Revised) – **Registry Program**
 - IAQ/IEQ Practitioner
 - Respiratory Protection Programs
 - Field Use of Direct Reading Instruments – **Certificate Program**
 - Occupational Exposure Assessment – **Certificate Program (2019 offering)**
 - IH Value/Business Case Development
 - OHSMS Auditor – **Registry Program (2019 offering)**
 - Exposure Risk Management

- **To Be Completed by Year End**
 - Enterprise Risk Management
 - Occupational Exposure Banding
 - IAQ/IAQ Practitioner (revised)
 - Emergency Response

- **Upcoming 2019**
 - Legionella
 - Global Standard of Care
 - Field Use of Direct Reading Instruments - revision



Artificial Intelligence



Voice-Activated Virtual Assistant



AIHA App

Making a Difference:

Educational Initiatives / Online

- OHTA W201 Basic Principles of Occupational Hygiene
- Occupational Exposure Assessment (OEA), Level 1 Certificate Program
- Ethics Course

Making a Difference:

Educational Initiatives / e-Learning

- ❑ Webinars (recorded)
 - ❑ Health and Safety Hazards in the Cannabis Industry
 - ❑ Industrial Hygiene Statistics – The Next Generation
 - ❑ Evaluating the Effectiveness of a Contractor Management Program: A Case Study

- ❑ Virtual Conferences: AIHce, Exposure Assessment (**New for 2019**)

Making a Difference: Educational Initiatives / New Regional Event

How can AIHA help make IH/OEHS professionals more business savvy?



Making a Difference:

Educational Initiatives / Academic Track for Students at AIHceEXP 2019

- Perspectives on Preparation for the CIH Exam - Version 14.0
- The Ideal Internship Experience, Student and Mentor Perspectives
- Building Strong Relationships by Enhancing Mentor-Mentee Synergy: Helpful Do's & Don'ts and Effective Use of Self-Awareness Strategies Using Catalyst
- If I Knew Then What I Know Now - Lessons for Your Career Path
- Who Moved my Sampling Pump
- Scientific Research Presentations by Students

Making a Difference:



AIHA
Registry
PROGRAMS™

- Asbestos Analyst
- SDS & Label Authoring (updated exam)
- Exposure Decision Analysis *
- OHS Management System (new)

* Specifically designed for young professionals who have not earned CIH

Making a Difference:

Government Relations Policy Priorities

- Protecting first responders and others from occupational exposure to opioids/synthetic analogues
- Teen workplace safety education
- Cannabis industry worker health and safety
- Disaster preparedness and response
- Protections for contingent workers



AIHA's Next Generation Project

NEW!

- Next Generation Needs Assessment Survey
- Expanded *CareerAdvantage* offerings for Early Career Professionals
- Salary/Compensation survey will include not only professional salary potential, but early career salary potential

VOLUNTEER



community

Make new contacts, exchange ideas, and expand your network.



40+ volunteer groups



2 special interest groups



VOLUNTEER GROUPS

Technical Committees

Academic Accreditation
Academic SIG
ACTIONS (Government Relations) Committee
Aerosol Technology
Biological Monitoring
Biosafety & Environmental Microbiology
Communications and Training Methods
Computer Applications
Confined Spaces
Construction
Environmental Issues
Ergonomics
Exposure & Control Banding
Exposure Assessment
Hazard Prevention & Engineering Controls
Healthcare Working Group
Incident Preparedness & Response
Indoor Environmental Quality
International Affairs
Ionizing Radiation
Laboratory Health & Safety
Legal Issues
Leadership & Management
Mining
Nanotechnology Working Group
Noise
Occupational & Environmental Epidemiology
Oil & Gas Working Group
Opioids Responder
Protective Clothing & Equipment
Real-Time Detection Systems
Respiratory Protection
Risk
Safety
Sampling & Laboratory Analysis
Social Concerns
Stewardship & Sustainability
Toxicology

VOLUNTEER GROUPS

Professional Development

Career & Employment Service Cmte
Joint Industrial Hygiene Ethics Education Cmte
Mentoring & Professional Development Cmte
Minority SIG
Students & Early Career Professionals Cmte
Women in IH (WIH)

Operations

Board of Directors
Conference Program Cmte
Content Portfolio Advisory Group
Continuing Education Cmte
Finance Cmte
Publications Cmte
International Advisory Group

AIH Foundation

Board of Trustees
Scholarship Advisory Cmte
Donor Relations & Fundraising Cmte

Guideline Foundation

Emergency Response & Planning Cmte (ERPGs)
Standards Advisory Panel

Active Volunteers Earn CM Points

NIOSH Special Projects

NIOSH would like to identify stakeholders who can provide access to workplaces for investigation in areas such as:

- Cleaning / disinfecting chemicals among healthcare workers – Acute respiratory effects
- Exposure to styrene among boat or wind blade manufacturers – respiratory health effects.
- Advanced Manufacturing – robotics, 3D printing, other additive manufacturing
- Silica Exposure – granite countertops
- Opioids – first responders, healthcare workers, others
- Healthcare Workers – Nurses/nursing assistants (job stress, lower extremity disorders, long work hours)
- Coal tar sealants during pavement sealing
- Respiratory and musculoskeletal exposures in shipyards
- And others

[Click Here to Sign Up](#)

Overview of AIHA Benefits

- Immense networking opportunities with a national and international scope.
- Opportunity to engage as a member of technical committees representing the various rubrics of the profession.
- Opportunity to stay relevant on IH profession and OESH issues on a global scale.
- Discounted prices at AIHA sponsored conferences, seminars/ webinars / workshops and on publications; access to members only resources.
- Access to *Women in IH™*, *Minority SIG*
- CareerAdvantage* Job Board, Counseling, and Tools
- Mentoring

Overview of AIHA Benefits

- ❑ The “most trusted” source of news in the IH industry:
Synergist magazine (by mail and digitally)
- ❑ *Journal of Occupational and Environmental Hygiene* (JOEH)
- ❑ Professional Liability Insurance
- ❑ Access to / your listing in online...
 - ❑ *Member Directory*
 - ❑ *Leadership Directory (Volunteer Groups & Local Sections)*
 - ❑ *Consultants Listing (member-only offering)*
- ❑ Leadership Training
- ❑ Awards and Honors at annual Mark of Excellence Award Ceremony

Connect Now!



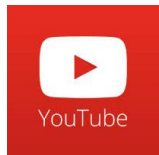
Look for exclusive AIHA information, updates, and offers



Follow us for important industry news and happenings



Join the discussion with other like-minded professionals



Check out *AIHA Network TV*, the I AM IH™ video series, and view popular uploads



Get more information at www.aiha.org



THANKS FOR LISTENING!

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