GRAND CHALLENGES FOR WORKER HEALTH, SAFETY, AND WELL-BEING: HOW CAN YOU GET INVOLVED?

Townhall Meeting
September 28, 2022

Leadership Team Representatives:
Don Weekes, CIH, CSP, FAIHA
Chris Laszcz-Davis, MS, CIH, COH, FAIHA, FAIC
GRAND CHALLENGES LEADERSHIP TEAM

Questions? Contact one of us:

• Deborah Nelson: Deborah.nelson.cih@outlook.com (Chair)
• Justine Parker: Justine.parker@cardno.com  (Board Liaison)
• Tom Grumbles: Tom.grumbles@sbcglobal.net
• Chris Laszcz-Davis: Chrisld@eq-organization.com
• Denese Deeds: D.deeds@ih-sc.com
• Don Weekes: Don.weekes1953@gmail.com
• Maggie Murphy: Murphymargretta@gmail.com
• Chandra Gioiello: C.gioiello@ih-sc.com
• Katie Parker: Katherine.v.parker@gmail.com
WHAT ARE ‘GRAND CHALLENGES’?

• Aspirational!
  • BIG, important, and compelling initiatives geared to solving critical world needs
  • Expected progress in 5-10 years in solving the need
  • Defined, measurable outcome(s)
  • Interdisciplinary collaboration
  • Significant innovations
  • Long-term sustained commitments
GRAND CHALLENGES: A VISION FOR THE OEHS PROFESSION

- To **define** critical Grand Challenges that improve worker health, safety, and well-being, across disciplines, sectors, and geographic boundaries
- To **increase** public recognition of the value of the OEHS profession
- To **engage** allied professions, business leaders, workers organizations, international OEHS leaders, grassroots community organizations, and others to garner ideas for Grand Challenges
ANNOUNCING: AIHA GRAND CHALLENGES

Eliminate preventable workplace illness, death, and disability by:

1. Improving Exposure Assessment in the Workplace
2. Improving Equity in Workplaces, Minimizing Precarious Work Situations, and Protecting Vulnerable Workers (e.g., gig workers, undocumented persons, migrant labor)
3. Addressing the Impacts of a Changing Work Environment (e.g., remote work)
4. Mitigating the Impacts of Climate Change on Workers (e.g., heat stress)
OVERARCHING CHALLENGE:
Ending Preventable Occupational Illness, Death, and Disability
1. Improving Exposure Assessment in the Workplace

INCLUDES:
- Incorporate models and big data
- Link exposures with outcomes
- Individual lifetime exposure assessment records
2. Improving Equity in Workplaces, Minimizing Precarious Work Situations, and Protecting Vulnerable Workers (e.g., gig workers, undocumented persons, migrant labor)

INCLUDES:

• Ending racial disparities
• Ending gender disparities
• Eliminating workplace slavery
• Equal protections for all globally
• Protecting without regard to documentation
3. Addressing the Impacts of the Changing Work Environment

**INCLUDES:**
- Psychosocial stress implications
- Unaddressed hazards in uncontrolled environment
- Digital exhaustion
4. Mitigating the Impacts of Climate Change on Workers

INCLUDES:
• Natural disasters
• Thermal stress, including heat
• Outdoor workers
• Evolving jobs and hazards
About the Survey

• Conducted by a third-party market research firm, Avenue M
• AIHA Members were invited to participate in the survey 6 – 27 April 2022
• Those who responded represented a good cross section of the AIHA membership
• An executive summary of the survey results may be found on the AIHA Grand Challenges Landing page
RESPONDENTS DEMOGRAPHICS AT-A-GLANCE

- More than four in five respondents are Full members of AIHA.
- Close to four in five respondents are employed full-time.
- Nearly three in ten respondents have worked in the industry for 31 to 40 years.
- More than one-third of respondents work in the corporate industry.
- Almost half of respondents work in manufacturing.
- Over three-fourths of respondents hold a postgraduate degree.
- The majority of respondents reside in the U.S.
- About one in ten respondents reside in California.
- Three in ten respondents are aged 55 to 64.
- Close to two-thirds of respondents identify as a man.
Next Steps

• Reach out to partner organizations for input.
• Open call <NOW OPEN> for subcommittees to develop concept papers.
• Circulate and edit concept papers.
• Submit to the AIHA Board of Directors.
• Communicate to wide audience, including OEHS professionals and the public, through a variety of media.
• Plan spin-offs, e.g., research proposals, conferences, popular press and peer-reviewed journals, academic programs, webinars, continuing education, and policy proposals, best practices, etc.
COMPOSITION OF PROJECT TEAMS

Each project team will be led by a project team leader. All project team members must have an AIHA Conflict of Interest form on file.

RESPONSIBILITIES

• Attend project team meetings as identified and agreed to by the members of the team
• Conduct activities in accordance with relevant AIHA policies, procedures, and priorities

GENERAL TIME COMMITMENT

• Monthly virtual team meetings
• Individual work on behalf of the team

ACCOUNTABILITY

• Accountable to the AIHA Board of Directors
• Agree to uphold and abide by AIHA Bylaws, Conflict of Interest, and Code of Conduct

To be considered, please complete the open call application form in full, including your CV or resume in a .pdf file format by October 21, 2022.
1. Introduction/Background/Reference of Overarching Topic
   - Nature and analysis of the problem
   - Extent, consequences, and costs of the problem
   - Risk factors
   - Preventive actions

2. Opportunities for Improvement
   - Priorities for addressing the challenge
   - Potential Outcomes

3. Metrics and Assessing/Measuring Progress
   - Progress that can be made in the next decade
   - Potential progress beyond the next decade
   - Interdisciplinary and Cross-Sector Involvement

4. The Need/Calls for Innovation
   - Emerging strategies
   - Novel research strategies

5. Next Steps: Progress and Future Directions in Research, Education, Practice, Policy
   - Dissemination and other promotional activities
   - Visibility and outreach
   - Networks and collaborations

6. Charge to/Role of OEHS Professionals

7. Conclusion: Clear statement of specific Grand Challenge

8. Acknowledgments

9. References
JOIN US TODAY

~ TO LEAD
~ TO SHARE YOUR EXPERTISE
~ TO INSPIRE CHANGE

<OPEN CALL IS NOW OPEN>
AIHA GRAND CHALLENGES

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HOW CAN **YOU** GET INVOLVED?

Answer the New [Open Call](#) for a Concept Paper team.

Once the Concept Papers are complete next year, help us get the word out.
QUESTIONS?

• Please type your question in the Q&A box below.
• The moderator will provide your question to the presenters.
• The presenters will try to answer your questions right away, but if not, all questions and answers will be listed on the Grand Challenges landing page by Friday, October 7.
• This PowerPoint and a recording of today’s Townhall will be available on the Grand Challenges landing page by Monday, October 3.