Dashboards

Ensuring the development, progression, and promotion of the Association's body of content is the key objective of CPAG. To meet this objective, CPAG has established structures and processes that assure content ideas, known as Content Priorities, will be sourced across AIHA, outside the organization, and channeled to CPAG for vetting and prioritization. In that regard, CPAG has identified seven Content Priorities where further research and work to flesh-out the topics can be progressed. The links below are to Dashboards that outline each Content Priority and lists initiative ideas where VGs can get involved to move the topic forward. The Dashboards are divided into three sections:

1. Vison Statements: outlines where we as an association/profession want to be regarding this topic area;
2. Initiatives:
   a. Initiative Ideas: outlines specific ideas/projects that can be developed to support the Vision;
   b. Initiatives In-Progress: outlines specific projects that are already being developed; and
   c. Initiative Completed: outlines specific projects already completed
3. CPAG Actions: outlines specifically what CPAG needs to do regarding the Content Priority.

If a VG is interested in leading or participating in one or more of the Initiative Ideas, has an Initiative Idea that isn't listed within one of the Priorities, or wants to participate in one of the Initiatives In-Progress, they should contact their Board Liaison, Russ Hayward, or Alla Orlova to discuss how that participation might be developed and should also include a brief description of what and how they will be engaged, in their VG annual business plan.

CPAG Content Priority Management Dashboard

Big Data

CPAG Reps: John Baker, Silvia Maberti, Jim Lewis

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	IH professionals are leveraging cutting edge data management technologies, such as Big Data analytics, to inform risk assessment and management decisions.	
2	IH professionals understand, are conversant, and have the appropriate Big Data tools to provide an integrated workplace profile for hazards and exposures.	Synergist Link
3	IH professionals have software platforms that use standardized data criteria and tools that facilitate the transfer of data and use of data repositories.	

Vision Links	Initiatives (What do we need to do to get to our vision?)	Status Comments/Next Steps
Initiative Ideas		
1	Develop "basic" level education (webinar) for the profession re Big Data and Machine Learning to educate membership. Work with a SME to develop the education.	
1, 3	Identify IH data sets used by members or allied professionals that can be used as a test dataset to help inform the profession's understanding of Machine Learning and BD, and the development of tools necessary to analyze and manage those datasets.	
1,2,3	Conduct a feasibility study to explore the possibility for AIHA becoming a data aggregator. Identify a common IH data format and data criteria to allow for data pooling.	*Feasibility study to be proposed.*
1	Work with NIOSH to understand the Exposome work they are conducting as it relates to Big Data.	
Initiatives In-Progress		
1,2	Develop a strategy for fleshing out Big Data for the profession.	*Develop a strategy to include:* *o Education – Work with a SME (solicit proposals) to develop base level education content to educate membership.* *o Work with a SME (solicit proposals) and appropriate VGs to start exploring ML modeling as it can be applied to current IH data sets.* * - Work with appropriate VGs to identify existing data sets that can be used as a case study to identify ML tools and skills necessary to analyze IH sets.* *o Work with NIOSH to understand the Exposome work they are conducting as it relates to Big Data.* *o Write an article on the issue / identify readable user stories showing the value in Big Data* *o Develop a Catalyst page for members to share ideas* *Strategy to be shared with BOD.*
Initiatives Completed		
1,2	Education at AIHce 2017	*Sessions given at AIHce 2017*
1,2	Education at AIHce 2018	AIHce 2018 Link
1,2	Big Data Summit	*Held on December 14, 2017 at AIHA HQ*
	Develop Catalyst page for members to share ideas	
1,2	Synergist article	Synergist Link
	END	

CPAG Content Priority Management Dashboard

Business Case

CPAG Reps: Jim Lewis, Ann Lori

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	AIHA is a champion for generating awareness and promoting the value of the IH profession to corporations and the community.	
2	AIHA develops tools to support IH professionals in communication with Management, the C-suite and the community.	
3	AIHA content products always include an underlying business case.	
4	AIHA identifies how IH skills can contribute to the well-being of the Business.	
Vision Links	**Initiatives** (What do we need to do to get to our vision?)	*Status Comments/Next Steps*
Initiative Ideas		
2, 3, 4	Create educational content (PDCs, road courses, webinars) related to IH Value, Business Case (i.e., how to discuss health & safety initiatives in cost/benefits terms), and Communication based on the BoK and the *Value of the Profession study.*	Business Value Presentation BoK - Interaction Version Link
1,2,4	Collaborate with CSHS, develop health metrics and guidance covering how the IH profession supports/influences corporate sustainability.	*Collaborate with Center for Safety and Health Sustainability (CSHS). This might include reviewing Vision & Mission Statements and corporate citizenship or sustainability reports of Selected "Fortune 500" Corporation to assess how IH & Safety relate to their corporation.*
3	Develop guidance beyond the BoK that volunteers and volunteer groups can use to ensure business case concepts are comprehended in educational content/products they develop.	Business Value Presentation BoK - Interaction Version Link
1	Revisit and explore the Brand refresh campaign to see how concepts of Business Case are included (where appropriate) in the campaign.	*Three year initiative led by AIHA Marketing Department*
Initiatives In-Progress		
2	Enterprise Risk Management BOK	*There are aspects of ERM that touch on Business Case.*
Initiatives Completed		
1	"I am IH" campaign	
2	BoK: The Keys to Effective Presentation of Your Business Case	BoK Webpage Link
2	Value Strategy Manual	IH Value Strategy Manual Link
2	A Practical Approach to World Class EHS Leading Indicators Webinar	A Practical Approach to World Class EHS Leading Indicators Webinar Link
2	Industrial Hygiene Performance Metrics Publication	Industrial Hygiene Performance Metrics Publication Link
2	Education at AIHce 2017	
2	Education at AIHce 2018	AIHce 2018 Link
	END	

CPAG Content Priority Management Dashboard

Changing Workforce

CPAG Reps: Silvia Maberti, Donna Doganiero

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	IH professionals are aware of the importance of non-traditional exposure profiles (i.e., multiple employers, gig work, telecommuting).	
2	IH professionals are aware of the changing workforce (i.e., aging, chronic disease).	
3	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.	
Vision Links	**Initiatives** (What do we need to do to get to our vision?)	*Status Comments/Next Steps*
Initiative Ideas		
1, 2,4	Assemble a thought leadership document (i.e., white paper, position statement, etc.) to promote the changing workforce concept to the IH profession.	
1, 2,5	Create educational content, i.e., webinars, sessions, PDCs, etc.	*Identify VGs that can help develop this type of content.*
1, 2,3	Determine the level of IH awareness (survey) of Changing Workforce.	
Initiatives In-Progress		
Initiatives Completed		
	END	

CPAG Content Priority Management Dashboard

Exposure Banding

CPAG Reps: Elizabeth Pullen, John Baker

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	AIHA in partnership with NIOSH is educating health & safety professionals on the importance of utilizing Occupational Exposure Banding (OEB) in their exposure risk assessments.	
2	IH and allied professionals, e.g., Product Stewards, Occupational Health Nurses and Doctors, etc., develop and actively use practical guidance for application of OEB in their professional practice.	
Vision Links	Initiatives (What do we need to do to get to our vision?)	Status Comments/Next Steps
Initiative Ideas		
1	Develop educational content, including case studies, to help educate members (at all career stages) of AIHA on OEB principles so that, where necessary, they can integrate the concept into their practice.	
1	Write a Synergist article to explain the principles of OEB vs control banding.	*Initial discussion of this division of terms pending in the Synergist.*
1,2	Explore developing a repository to collect OEB assessments, to be curated by either NIOSH or AIHA, organized by chemical name / CAS.	
1	Ask the Exposure and Control Banding Committee to work with Modeling group of EASC (e.g. Dr. Susan Arnold to modify her "Checklist" tool) to provide practical models to use the output of the OEB to determine exposure categories and potential risk.	
1,2	Edit White Book and Exposure Strategy publications as appropriate.	*Awaiting further input from White Book & Exposure Strategy Editor.*
1	Work with NIOSH, OARS WEEL and ACGIH TLV groups in the practical use of OEB in the hierarchy of OELs.	
1,2	Explore with universities how OEB can be incorporated into the curriculum as a fundamental skillset and how it can impact curricula from an ABET perspective.	
1,2	Explore how OEB might be used in dermal exposure assessments.	
Initiatives In-Progress		
1,2	Develop a BoK for occupational exposure banding.	
1,2	Use online community (Catalysts) to communicate about OEB to members.	*Inaugural posts March 14 with 17 entries as of this date*
1,2	NIOSH to publish their Guidance Document on OEB.	[Draft NIOSH Document Link](#)
1,2	NIOSH to publish scientific papers on OEB (and using AIHA members to peer review their articles).	
Initiatives Completed		
1,2	Present PDC and technical sessions at AIHce2017 on OEB.	
1,2	Developed a Wikipedia page on exposure banding (Lauralynn McKernan).	[OEB Wikipedia Page Link](#)
1	Present PDC and technical sessions at AIHce2018 on OEB, to educate members on the principles and available tools.	[AIHce 2018 Link](#)
	END	

CPAG Content Priority Management Dashboard

Global Standard of Care

CPAG Reps: Elizabeth Pullen, Lisa Iverson-Leirmo

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	AIHA contributes to and drives a harmonized standard of care for global workers.	
2	AIHA provides technical content to global IH professionals.	
3	AIHA engages with global partners on critical tools, resources and applicable international consensus standards to foster a global standard of care for global workers.	
Vision Link	**Initiatives** (What do we need to do to get to our vision?)	*Status Comments/Next Steps*
Initiative Ideas		
1,2,3	Explore the development of a BoK that comprehends the concepts of Global Standard of Care for the profession.	
Initiatives In-Progress		
1, 2, 3	Development of online W201 course, Basic Principles in Occupational Hygiene.	
3	Identify international consensus standards that could impact the IH profession in fulfilling it's mission.	*Facilitated by the Standards Advisory Panel*
3	Through AIHAs international strategy continue to identify emerging market partners and technical experts for cooperative partnership.	*International strategy facilitated with input from IAC and in the process of being reviewed by BOD.*
2	Through AIHA's international strategy continue to identify technical content for translation that would be of high value to international members, and facilitate those translations.	*International strategy facilitated with input from IAC and in the process of being reviewed by BOD.*
3	Pursue membership with INSHPO to bring the health perspective to the conversation.	*Pursued membership but is on hold for time being.*
Initiatives Completed		
1, 2, 3	Participate in the development of the ISO 45001 OH&S management standard.	ISO 45001 Standards Link
3	Execute an international membership survey to determine member needs.	*Facilitated with input from International Affairs Committee (IAC) and results from survey can help inform further ideas for this priority.*
2	Provide reduced price access to AIHA technical content via an international membership category.	
	END	

CPAG Content Priority Management Dashboard

Sensor Technology

CPAG Reps: Steve Jahn, Ben Kollmeyer

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	AIHA is the leader in establishing criteria for a certification type program for sensor technologies.	*RTDC developed criteria (SESS) that can be used as a basis for a certification.*
2	AIHA has a robust portfolio of sensor technology education and training for both members and non-members.	
3	AIHA has developed guidance documents relating to sensor application, management/review of data sets, and data interpretation.	
4	IH community is a key influencer in the process of updating guidelines and standards related to the application of new sensor technologies.	
Vision Links	**Initiatives** (What do we need to do to get to our vision?)	*Status Comments/Next Steps*
Initiative Ideas		
3	Develop IH Equipment Program Management BoK.	*Outcome from Sensor Meeting 3/27-28/18*
Initiatives In-Progress		
4	Develop a strategy to identify allied associations and standard setting bodies to address collaborative efforts in sensor QA/certification.	*Conduct Market Feasibility Study (logical place to start; identify business case/market 'pull')* *o Describes the industry: current market, anticipated future market potential, competition, and potential buyers/consumers (audience)?* *o Describes the financial implications: ROI projection, AIHA investment needed, ongoing financial support needed, initial and ongoing hardware and software needs and costs?* *o Describes the organizational resources: staff needed, bandwidth, skill level, member involvement, on-site verification process, could our LAP customers be accredited to be sensor certifiers?* *Strategy to be shared with BOD.*
3	Position paper--EFCOG peak exposures data interpretation from sensors.	*Purpose: To bring data interpretation current to match the state of detector data (volume, integration, etc.) for compliance determinations. Initially proposed EASC VG BP 2017*
Initiatives Completed		
3	Sponsor a sensor research paper (AIHA Future of Sensors by RTI)	AIHA Future of Sensors Link
1,2,3,4	Host a sensor technology summit	*Summer of 2016*
2,4	Develop a general DRI BoK	BoK Webpage Link
2	Develop a general DRI certificate	Field Use of Direct Reading Instruments for the Detection of Gases and Vapors Certificate Program Link
1,2,3,4	Convene Sensor Certification WkGrp Meeting	*Held Sensor Meeting 3/27-28/18*
	END	

CPAG Content Priority Management Dashboard

Total Worker Exposure

CPAG Reps: Ben Kollmeyer, Ann Lori

Updated 7/12/18

Vision #	Vision Statements (Where do we want to be?)	Status Comments/Next Steps
1	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.	
2	IH professionals are seen as valued partners in Total Worker Health™ promotion.	
3	IH professionals are seen as exposure scientists that anticipate, recognize, evaluate and control all exposures that combine to impact human health.	*Minimal movement beyond traditional baseline.*

Vision Links	Initiatives (What do we need to do to get to our vision?)	Status Comments/Next Steps
Initiative Ideas		
1,2,3	Explore how the IH profession can engage more in non-occupational exposure assessment and integrate it into the NIOSH Total Worker Health concept.	Total Exposure Health Link
1	Assemble an INTERNAL thought leadership document to promote the total worker exposure concept to the IH profession.	Total Exposure Health 2018 Conference Link
3	Assemble an EXTERNAL thought leadership document to promote the total worker exposure concept to allied professionals.	
1	Develop educational content (sessions, PDCs, etc.) to support the total worker exposure concept.	*Identify VGs that can help develop this type of content.*
	Partner with external organizations to represent the IH profession and it's value in Total Worker Health™, and understand how the IH profession can support the initiative (get a seat at the table).	
Initiatives In-Progress		
1, 3	Stewardship & Sustainability Product Exposure Assessment Project (product exposure modeling and product exposure testing). It is developing guidance on potential models to use and considerations when conducting product testing. The focus is exposure assessment during product use - could be worker, professional or consumer.	
Initiatives Completed		
3	Participate in NIOSH Total Worker Health™ symposium and document summary of impacts/opportunities for IH profession.	Presentation Website Link
1,2,3	Education at AIHce 2018	AIHce 2018 Link
	END	