



A Publication of The New Jersey Section of the American Industrial Hygiene Association

## Volume 22, Issue 1

March 2022

Greetings from NJAIHA! We hope that you are all staying safe, warm and that you are having a great winter.

Due to ongoing COVID concerns, a virtual Zoom meeting was held on Thursday, February 24th where Bryan Seal, PhD, CIH, CSP, CHMM, REHS, delivered a presentation on the Importance of a Basic Industrial Hygiene Field Sampling Kit. The presentation was very informative and well received by our membership. The information provided will certainly be helpful to those starting out in the profession and will serve as a good refresher for those who are out in the field.

Our March 17, 2022 meeting will be held jointly with the New Jersey Chapter of the American Society of Safety Professionals (ASSP) and the Mid-Atlantic Biological Safety Association (MABSA). The meeting will include a presentation on "Forever Chemicals" Per- and Polyfluoroalkyl Substances by Eugene Wingert, CHMM and Jessica Vallee-Vasquez. A second presentation will follow that will provide an update on the healthcare COVID standard and case studies by Justin Baker, Chief of the NJ Department of Labor and Workforce Development. The following is a link to NJASSP's website where you can register for the event (free of charge): <a href="https://nj.assp.org/events/nj-assp-nj-aiha-and-mabsa-virtual-meeting/">https://nj.assp.org/events/nj-assp-nj-aiha-and-mabsa-virtual-meeting/</a>

As we look ahead to upcoming meetings (and begin the planning process for the December 2022 NEIHce), the NJAIHA Executive Committee continues to discuss in-person, virtual and hybrid meeting options. We are always looking to showcase new and interesting topics, so if you would like to present or have any suggestions, please email me at <a href="mailto:bfeury@langan.com">bfeury@langan.com</a>.

We would also like to remind you that you should have recently received your NJAIHA election ballot. Please take a few minutes to review the ballot and biographies for the open board positions. Completed ballots are due by March 20, 2022.

We also would like to remind you again that our chapter maintains a 2022 eLearning subscription that members of NJAIHA have access to for information and/or additional contact hours for CIH Certificate Maintenance. You should be receiving emails form AIHA national (email@communications.aiha.org) when new content is added. Please let us know if you are having any issues.

As we emerge from the COVID pandemic, we ask that our membership continue to stay active in the organization. We have a lot of exciting events coming up this year and encourage your participation in them to make it a success. Best wishes and stay safe everyone.

Sincerely, Brian Feury, CIH President NJAIHA

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# Obtain Knowledge and CIH Maintenance Points through AIHA "eLearning"

NJAIHA has renewed its subscription for the AIHA eLearning program. If you are a NJAIHA member in good standing, you will have access to the designated AIHA eLearning programs at no charge to you. Updates for the NJAIHA roster are made quarterly.

The 2022 package will include 10 contact hours of live webinars or the associated archive recordings and 10 contact hours of selected sessions from the AIHceEXP OnDemand. NJAIHA receives two live connections to the designated webinars. If you are not able to participate in a live webinar, the recordings will be made available online within a few days after the live webinar.

If you would like to use one of the two live connections for an eLearning webinar or to host a group at your location, please contact Barb Woodhull at <a href="mailto:b2bwoodhull@gmail.com">b2bwoodhull@gmail.com</a> to make your reservation. First come, first served and we will try to allow as many people to take advantage of this opportunity as possible.

Go to <a href="https://www.aiha.org/education/elearning">https://www.aiha.org/education/elearning</a>, and click "View Online Classroom" to get started.

# AIHA "eLearning" (cont'd)

Available webinars (as of 1/1/22, access expires on 12/31/2022);

#### **AIHA Webinar Recordings:**

- AIHA University Webinar: Adapting Your Ergonomics Program to the Hybrid Work Environment
- AIHA University Webinar: ANSI/ASSP Standards Impact on OSH Professionals
- AIHA University Webinar: Assessment, Remediation, and Post-Remediation Verification of Mold in Buildings
- Top 10 Imperatives for the AIHA Exposure Risk Management Process Presentation Recording

#### **AIHce EXP 2021 OnDemand Recordings:**

- All About Leading, Lagging, and Predictive Indicators (AIHce EXP 2021 OnDemand)
- Implementation, Controls, and Outcomes of COVID-Free Protection Zone Model (AIHce EXP 2021 OnDemand)
- Interesting OSHA Health Cases Facts From the Field, Part 1 (AIHce EXP 2021 OnDemand)
- Interesting OSHA Health Cases Facts From the Field, Part 2 (AIHce EXP 2021 OnDemand)



# Dual Concentration in Rutgers School of Public Health (SPH) Environmental and Occupational Health and Justice (EOHJ) Department, including Occupational Safety and Health MPH

The MPH concentration in occupational safety and health at Rutgers School of Public Health (SPH) has been approved. This is now one of two concentrations within the Department. Please note you can go online and see details at:

http://sph.rutgers.edu/concentrations/Environmental-Occupational-Health/index.html

A formal application to the program is done through SOPHAS. <a href="http://sph.rutgers.edu/admissions/index.html">http://sph.rutgers.edu/admissions/index.html</a>

Please select "occupational health" (and not "environmental health") among choices under Rutgers SPH, listed at: <a href="http://sophas.org/program-finder/?degree=MPH&institution=997">http://sophas.org/program-finder/?degree=MPH&institution=997</a>
Admissions requirements, and deadlines for application submission, are posted at SOPHAS and on main Rutgers SPH website. Contacts: Dr. Derek Shendell (shendedg@sph.rutgers.edu) and Dr. Koshy Koshy (koshyko@sph.rutgers.edu)

# **OUTREACH UPDATE**

We are working hard to continue to build momentum in our Outreach Program and we need your help. We have developed materials, both written and visual, that can be used at conferences, job fairs, presentations at high schools and colleges, etc. and we are looking for NJAIHA members to share your passion and story as to why you became an industrial hygienist. If you weren't already planning to attend our monthly meeting next week, please come and join us so we can gather your testimony and a picture (with your approval of course).

Attracting students and young professionals to become industrial hygienists or pursue other disciplines in the environmental, health and safety field is a need recognized by national AIHA and your Executive Committee has taken this challenge on here in New Jersey. For this to be most successful, these students and young professionals will benefit immensely by being able to connect with you who are actively protecting the health of our workforce.

Please plan on joining us!

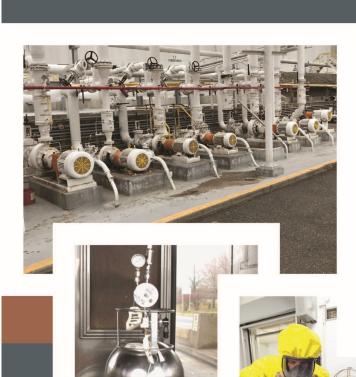
Now that Brian Feury is President, NJAIHA is also seeking excellent candidates for a new Outreach Coordinator. Please address nominations or questions to <a href="mailto:info@njaiha.org">info@njaiha.org</a>.

# OUR LOCAL SECTION OFFICERS 2021-2022

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Contact: Brian Feury, CIH | President, NJAIHA Senior Project Manager, Langan | 201.417.2666 | bfeury@langan.com

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# **NJAIHA - WELCOME NEW MEMBERS!**

Member	With	Date Joined
Ashton Asha-Leigh		Student
Michael Boggi		October 2021
Joseph Brandine		October 2021
Jeffery Cooper		October 2021
Charlyn Reihman		October 2021
Eric Shwartsman		October 2021
Jessica Vallee-Vasquez		October 2021
David Fillman		January 2022
Sheba Saji		January 2022
Troy Eustace		January 2022
Tiffany Patterson		November 2021
Miriam Koesterich		December 2021
Gregory Joseph		December 2021
Mark Bennedsen		December 2021
Ross Hernandez		December 2021
Muyiwa Oluwafemi		December 2021
Richard Lynch		December 2021
Anthony Damato		December 2021
Kadeem Hill		December 2021
Elizabeth Grosh		December 2021
Donald Henry		December 2021
Rob Reinhardt		January 2022



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www.wilner-greene.com

# **Publications Director's Note**

A sea change in COVID-19 policy occurred in February. With rates of hospitalization falling during January (due in part to the predominance of Omicron variants of the SARS-CoV-2 virus), the CDC began modifying its advice on the necessity of mask-wearing, at first downplaying the effectiveness of cloth and surgical masks in the spread of infection, then appearing to pivot toward recommending N95 particulate respirators instead, and then backtracking somewhat. The result of these events seems to have motivated states and localities to re-evaluate their policies on masking, testing, and vaccination requirements.

# OSHA COVID-19 Large Employer and Healthcare Vaccine, Testing Rules Struck Down Statement on the Status of the OSHA COVID-19 Vaccination and Testing ETS –

January 25, 2022

The U.S. Department of Labor's Occupational Safety and Health Administration is withdrawing the vaccination and testing emergency temporary standard issued on Nov. 5, 2021, to protect unvaccinated employees of large employers with 100 or more employees from workplace exposure to coronavirus. The <u>withdrawal</u> is effective January 26, 2022.

Although OSHA is withdrawing the vaccination and testing ETS as an enforceable emergency temporary standard, the agency is not withdrawing the ETS as a proposed rule. The agency is prioritizing its resources to focus on finalizing a permanent COVID-19 Healthcare Standard.

OSHA strongly encourages vaccination of workers against the continuing dangers posed by COVID-19 in the workplace.

## https://www.osha.gov/coronavirus/ets2

#### Statement on the Status of the OSHA COVID-19 Healthcare ETS

December 27, 2021

OSHA announces today that it intends to continue to work expeditiously to issue a final standard that will protect healthcare workers from COVID-19 hazards, and will do so as it also considers its broader infectious disease rulemaking. However, given that OSHA anticipates a final rule cannot be completed in a timeframe approaching the one contemplated by the OSH Act, OSHA also announces today that it is withdrawing the non-recordkeeping portions of the healthcare ETS. The COVID-19 log and reporting provisions, 29 CFR 1910.502(q)(2)(ii), (q)(3)(ii)-(iv), and (r), remain in effect. These provisions were adopted under a separate provision of the OSH Act, section 8, and OSHA found good cause to forgo notice and comment in light of the grave danger presented by the pandemic. See 86 FR 32559.

## https://www.osha.gov/coronavirus/ets

AIHA National continues to update their new website collecting COVID-19 reopening information. It's been endorsed by several high-profile personalities and organizations for its timeliness and scope:

https://www.backtoworksafely.org/

CDC guidance on responding to COVID-19 in the workplace continues to evolve, check often for updates;

https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/businesses-employers.html

A randomized controlled trial investigating the efficacy of masks in reducing the spread of SARS-CoV-2 found an 11% reduction in relative risk for people wearing surgical masks. https://med.stanford.edu/news/all-news/2021/09/surgical-masks-covid-19.html

# We Need You!

NJAIHA Members are encouraged to submit items for publication in "The Examiner". Interesting items related to Industrial Hygiene, outreach activities, (non-proprietary) things from your work in the field, papers, presentations, and posters from conferences, everyday examples of the importance and power of a healthy environment, or anything you're passionate about in our field that might be of interest to our members. Make it good, make it uplifting, make it valuable, and make my job easier!

#### NJAIHA OFFICERS

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March 2022 - Joint Virtual Meeting - NJAIHA, NJ ASSP, & MABSA

Join the NJ ASSP, NJ AIHA, and MABSA annual "triumvirate" free virtual meeting for 2 dynamic, emerging issue presentations!

**DATE:** March 17, 2022, 5:30 PM

For session details, and to register, visit;

https://nj.assp.org/events/nj-assp-nj-aiha-and-mabsa-virtual-meeting/

**COST:** Free

Session 1 - PFAs and PFOAS - Concerns for the "Forever Chemicals"

Speakers: Eugene P. Wingert CHMM, ERM,

Jessica Vallee-Vasquez, MBA, MS Sustainability, Sompo GRS

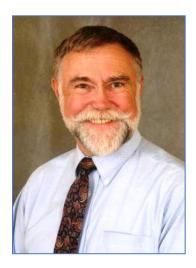
Session 2 - Update on the healthcare COVID standard, and case studies.

**Speaker:** Justin Baker, Chief, NJ Dept. of Labor and Workforce Development Occupational Safety and Health Consultation

After registering, you will receive a confirmation email with meeting instructions.

# Henry (Hank) P. Shotwell IV, CIH, Ph.D., 1944-2022: In Memoriam

It is with great sadness that the New Jersey Section, American Industrial Hygiene Association (NJAIHA) has learned of and announces the passing of Henry (Hank) Shotwell IV, CIH, Ph.D., on January 14, 2022 at the age of 77. Hank was a long-time NJAIHA member and dedicatedly served the Section in several positions over the span of four decades. In 2020, Hank completed a ten year consecutive run on NJAIHA's Executive Committee as Section Secretary, and as of this past year, he had reached a milestone by serving 10 consecutive years as Director of NJAIHA's Summer Industrial Hygiene Review Course. All should know that serving in this Course Director capacity was an unparalleled volunteering effort on Hank's part, for it required him to spend 3 hours of his time for 12 consecutive Tuesday summer evenings hosting the Course's onsite sessions on the Rutgers University campus. Hank's enthusiasm to help train and mentor the future generation of industrial hygiene practitioners will truly be missed.



At the time of his death, Hank was a semi-retired, senior health and safety consultant with HP Shotwell. He was a Certified Industrial Hygienist (CIH), held a Ph.D. in Safety Engineering, and had broad experience not only in industrial hygiene, but in safety as well. Over his lengthy career in the environmental, health & safety (EH&S) field, Hank had been employed by Atlantic Environmental, Inc. (Sr. VP), Shotwell Associates (Owner), Sun Chemical Co. (EH&S Mgr.), American Cyanamid Co. (IH/Safety Specialist), Food & Drug Research Labs (IH Toxicologist), and the Olin Corp. (Sr. Medical/IH Technologist).

He gained clinical experience at Yale-New Haven Hospital and at the Yale Arbovirus Research Unit (YARU) where he did research on Dengue Fever. Hank had worked at the 9/11 site assisting with air quality monitoring, and he was especially fond of providing expert witness testimony. Hank graduated from Fordham University in 1965 with a B.S. in Biology and Chemistry, attained an M.S. in BioMedical Science from the University of Bridgeport in 1973, and in 1998 completed a Ph.D. in Safety Engineering from Kennedy Western University.

On the personal side, Hank had been fondly described by a colleague, and most other industrial hygiene and safety colleagues would readily agree, as the "eclectic's eclectic with a renaissance caliber variety of interests". Outside of work, to name just a few, Hank was a Civil War reenactor with the 2<sup>nd</sup> Rhode Island Company B, had a passion for cooking later in life, played all shapes and sizes of recorders, was an experienced watchmaker and repairer/collector of antique watches, was a lover of old cars, and was an active member of the German heritage council choral Society.

To access Hank's obituary which recounts his long and illustrious professional career and personal life, and to leave an online condolence if you wish, please visit the link below:

#### https://cochranfuneral.com/obituary/shotwell-iv-henry-p/

Hank's camaraderie with NJAIHA and all of its members, and with the broader industrial hygiene and EH&S community, will be dearly missed. We will be keeping Hank, his family, and friends in our thought and prayers.

A memorial visitation and a funeral service took place on Sunday, January 23, 2022 at the Cochran Funeral Home, 905 High Street, Hackettstown, NJ 07840. Donations to Toys for Tots: https://www.toysfortots.org/donate/

# **NJAIHA Members in the News**

# Jack Zybura, P.E., INCE Bd. Cert. is a New Associate Principal

**Lewis S. Goodfriend & Associates** is pleased to announce that **Jack Zybura** (right in photo) has been elevated to the position of Associate Principal. Jack has been with LSG&A since 2009 and takes on the new leadership role with the Firm effective January 2022. Jack is currently a Board Certified Noise Control Engineer and a Licensed Professional Engineer, and is the current NJAIHA Secretary.

"Jack has shown that his leadership and expertise in industry makes him one of the proven best in the field of acoustical consulting." said LSG&A's President Matthew Murello, P.E.

Lewis S. Goodfriend & Associates is an acoustical engineering firm founded in 1953 offering professional design and consulting services and expert witness testimony for architectural and building acoustics, HVAC, vibration analysis, noise evaluation and abatement in the environmental, industrial, corporate, education, residential, retail and transportation sectors. and commercial enterprises. The firm has licensed engineers in New Jersey, New York, and seven other states.

Congratulations, Jack, from all of us at NJAIHA!



# Recent NJAIHA Activities with Pictures Tim Rice, NJAIHA Historian

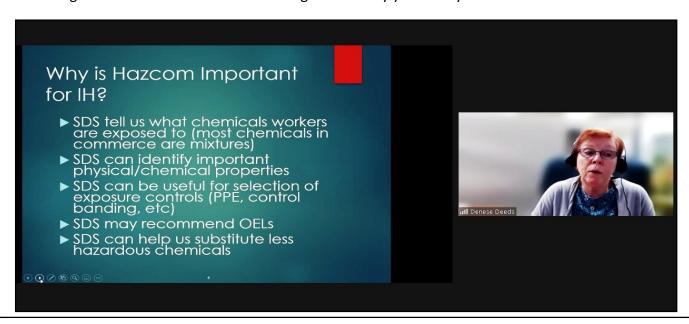


(alas, due to COVID-19, "screenshots" now instead of "pictures/photos")

## NJAIHA Fall Professional Development Courses (PDCs) - December 2, 2021

On Friday December 2, 2021, NJAIHA once again held its annual Fall Professional Development Courses (PDCs). But, again as last year, no physical venue was involved as the PDCs were held virtually due to COVID-19 considerations. This year two courses were given. A morning PDC, "HazCom Standard/GHS Update for the Practicing Industrial Hygienist" was presented by Denese E. Deeds, CIH, FAIHA, SDSPR, of Industrial Health & Safety Consultants, Inc. Shelton, CT, and an afternoon PDC, Building an Ethical Foundation for Occupational Safety and Health Programs, was presented by Nancy Orr, CIH, CSP, FAIHA, of Sage Health and Safety, LLC, New York, NY. Both courses were well attended, with 52 individuals attending the morning course and 39 individuals attending the afternoon course. All of us at NJAIHA would like to extend our gratitude to Denese and Nancy for once again making our Fall PDCs a successful event.

Following are some screenshots taken during the PDCs by yours truly.



<u>Denese E. Deeds</u>, CIH, FAIHA, SDSPR, of Industrial Health & Safety Consultants, Inc. Shelton, CT, was our morning PDC speaker. Here Denese explains the importance of hazard communication, and specifically safety data sheets (SDS), for industrial hygiene and industrial hygienists during her presentation, *HazCom Standard/GHS Update for the Practicing Industrial Hygienist"*. In her PDC, OSHA's proposed update of the HazCom Standard incorporating GHS revision 7 changes was reviewed, the results of the September 2021 public hearing on the proposed update were discussed, as was the impact these proposed changes to the HazCom Standard would have on existing hazard communication programs.



<u>Dan Preisler</u>, NJAIHA Past-President, introduces our afternoon PDC presenter, <u>Nancy Orr</u>, CIH, CSP, FAIHA, of Sage Health and Safety, LLC, New York, NY.



Nancy Orr discusses some of the ethical components of typical EHS decisions with attendees during her presentation, "Building an Ethical Foundation for Occupational Safety and Health Programs". In her PDC, Nancy covered topics such as understanding the nature of personal values and their role in guiding conduct, applying tools and skills to analyze ethical dilemmas, identifying and resolving potential "conflict of interest" situations, and making higher quality ethical decisions.

# New Jersey Section AIHA - October 2021 Virtual Meeting

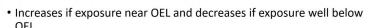


Our technical speaker for the October 2021 virtual membership meeting was Maharshi Mehta, CSP, CIH, FAIHA, President of International Safety Systems, Inc. and President-Elect of the International Occupational Hygiene Association (IOHA).

Mr. Mehta's presentation, "Occupational Hygiene Priorities Globally", examined challenges and opportunities in emerging economies, availability of competent occupational hygiene professionals, quality assurance in industrial hygiene data, and the leveraging of lessons learned from statistical analysis of industrial hygiene results.



# **EN 689 Periodic Monitoring**



• Determine exposure (c) as % of OEL

Exposure as % of OEL	How often monitoring needs to be done?
<=25%	64 weeks
25%-50%	32 weeks
>50%	16 weeks

Refer to standard for additional information

During his talk, Mr. Mehta introduced attendees to European Standard <u>CEN - EN 689</u> "Workplace Exposure - Measurement of Exposure by Inhalation to Chemical Agents - Strategy for Testing Compliance with Occupational Exposure Limit Values". In this slide, he reviews periodic exposure monitoring strategies found within CEN - EN 689.

Maharshi, NJAIHA thanks you for taking the time from your schedule to present at our October 2021 virtual meeting.

# **Job Postings and Website Links**

There are many job postings on our web site. If you are looking or just curious check them out.

http://www.njaiha.org/resources/job-postings/

There are several job postings on these other organization web sites as well:

http://nj.assp.org/current-openings/

http://www.philaaiha.com/Employment.htm

### Visit NJAIHA On-line

NJAIHA is continuously posting relevant information on industrial hygiene principles and practice on these webpages. Feel free to find out current events which may affect your business or industry and continue the conversation on a regional, national, and international level.

Facebook: https://www.facebook.com/njaiha/.

LinkedIn: https://www.linkedin.com/groups/3675325

#### **AIHA Legislative Connection**

Interested in what's going on in the Federal and State Governments? Follow the link below:

<u>Government Relations & Advocacy</u>

# State & Federal Government Relations Update: March 2022

New Jersey - Last Updated: 03/03/2022

### Where is vaccination or testing required for workers in New Jersey?

All covered workers in the following settings are currently required to be fully vaccinated or subject to COVID-19 testing at minimum one to two times per week:

- Health care facilities and high-risk congregate settings
- Preschool through Grade 12 schools
- State agencies, authorities, colleges, and universities
- Child care facilities

However, beginning by the dates outlined below, all workers in health care facilities and high-risk congregate settings will no longer be permitted to submit to testing as an alternative to vaccination, except for the purposes of providing an accommodation for individuals exempt from vaccination, AND will be required to be up to date with their COVID-19 vaccinations, including having received a booster dose.

In addition, the federal government requires all federal executive branch employees and all federal contractors to be fully vaccinated against COVID-19.

(NOTE: This has also been stayed, see <a href="https://www.littler.com/publication-press/publication/federal-contractor-and-subcontractor-waccine-mandate-enjoined">https://www.littler.com/publication-press/publication/federal-contractor-and-subcontractor-waccine-mandate-enjoined</a>)

Source: Executive Order No. 252; Executive Order No. 253; Executive Order No. 264; Executive Order No. 271; Executive Order No. 283; Executive Order No. 290

https://covid19.nj.gov/faqs/nj-information/slowing-the-spread/where-is-vaccination-or-testing-required-for-workers-in-new-jersey

### Federal:

#### What's Next for Pandemic Preparedness in Congress?

Senators Patty Murray (D-WA) and Richard Burr (R-NC), both leaders of the influential Senate Health, Education, Labor, and Pensions (HELP) Committee, recently proposed a new bill cleverly titled the Prepare for and Respond to Existing Viruses, Emerging New Threats, and Pandemics Act (PREVENT Pandemics Act). The draft legislation is an impressive compilation of public policies intended to improve pandemic preparedness; however, for all its 205 pages, there are several missing pieces, which represent opportunities for improvement. Stepping in to fill those gaps, AIHA recently provided several recommendations drawn from our publications, including the second edition of *The Role of the Industrial Hygienist in a Pandemic* (PDF).

The PREVENT Pandemics Act contains five major titles (sections) that focus on federal leadership, state and local readiness, public health emergency response, improving data quality, accelerating research, strengthening the supply chain, and preparing to remedy shortages of medical supplies. You can find a section-by-section summary of the draft bill on the HELP Committee website (PDF).

One vital missing piece of improving pandemic preparedness is a focus on the workplace. As AIHA states in our comments (PDF):

Currently, the bill lacks specific language addressing the needs and responsibilities of employers and employees. While the draft legislation does mention health workers, who are critically important, many more workers in other industries are also impacted by pandemics and should thus be added as focal points of this legislation.

We go on to recommend that OSHA issue an infectious disease standard within six months after the PREVENT Pandemics Act becomes law, which isn't a given. We also recommend that for future pandemics involving viral respiratory pathogens, aerosol inhalation should be recognized as the primary mode of transmission and appropriate controls be required to control it.

Additional research is needed on workplace interventions to prevent and control the spread of pandemic agents. AIHA recommends that NIOSH serve as the federal lead in meeting this need as part of a large effort, and that additional funding be provided to bridge research gaps.

Infectious disease surveillance systems are in need of an upgrade; AIHA recommends that the PREVENT Pandemics Act "should be written to have a national standard and requirement to track cases by industry and occupation in surveillance systems." We are concerned that the role of the workplace in the transmission of SARS-CoV-2 has been downplayed in several published reports. Our comments contend that focusing on industry and occupation will help prevent and limit the spread of pandemic agents.

AIHA is urging members of Congress to rely more on the expertise of industrial hygienists and related professionals as the federal government develops infectious disease standards and guidelines.

Employers and workers need assistance. AIHA recommends that the PREVENT Pandemics Act direct funding to help states assist employers, building operators, workers, and related stakeholders conduct risk assessments and implement written infectious disease prevention and control programs.

The full list of our recommendations is available as a PDF download from the AIHA website.

While it is unclear whether the PREVENT Pandemics Act will make it through the current partisan atmosphere on Capitol Hill, the fact that the bill is supported by influential leaders from both parties who reached out to stakeholders like AIHA for recommendations on how the bill can be improved is a hopeful sign.

https://www.aiha.org/blog/whats-next-for-pandemic-preparedness-in-congress

Mark Ames
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