

# 2019

*Celebrate 100 Years  
of*  
**RESPIRATORY PROTECTION**

Respiratory Protection Week  
September 3-6, 2019



**Partnership Information**



Educational  
opportunities



Share your  
research



Engage with respirator  
users and program  
managers



## 100 Years of Research Leading to Today's Practice

In 1919, the U.S. Department of Mines initiated the first respirator certification program in the United States. On January 15, 1920, the United States certified the first respirator, a self-contained breathing apparatus (SCBA) manufactured by MSA.

Now, 100 years later, the NIOSH National Personal Protective Technology Laboratory seeks to collaborate with our partners to disseminate a century's worth of experience in preventing disease, injury, and death for the millions of working men and women relying on this equipment.

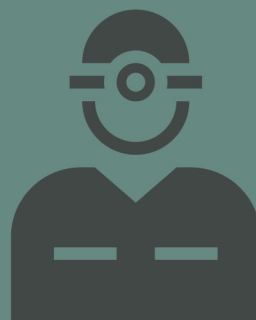
**HONORING THE HISTORY WHILE LOOKING TO THE FUTURE**





According to OSHA, an estimated **5 million** workers are required to wear respirators in **1.3 million** workplaces throughout the United States.

It is estimated that **3-6%** of all cancers worldwide are caused by exposures to carcinogens in the workplace (1,2).



More than **11 million** healthcare workers are expected to benefit from the use of respirators during an infectious respiratory pandemic (3).

*"If everyone is moving forward together, then success takes care of itself."  
— Henry Ford*

## Objectives

Work with our partners in the field of respiratory protection in order to enhance our collective knowledge, extend our outreach, and maximize our ability to educate.

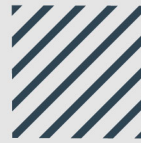


Create and disseminate educational materials and resources for respiratory protection users and safety managers to emphasize proper respiratory protection practices.



Provide an overview of the past 100 years of respiratory protection research and impact.





# Join the Conversation: Discuss, Share, and Educate

- 1 | **Webinars** will play a vital role in this outreach event. These presentations are an opportunity to come together as leaders in this industry to speak to the respiratory protection audience.
- 2 | NIOSH will host a **virtual poster session**, inviting colleagues to present their research. Links to the poster presentations will be posted on the NIOSH website.
- 3 | Join the chatter online using **#100yrsRespirators**. We began dropping daily respiratory protection facts starting in May. Join us! What do **YOU** want the social media community to know?
- 4 | You know your audience better than anyone. **Send us your ideas** about how we can work together to maximize the impact of this observance.





# Call for Abstracts

To encourage the spirit of collaborative science, NIOSH NPPTL is hosting a virtual poster session on September 04. All poster presentations will be pre-recorded via Adobe Connect and linked to via the NIOSH NPPTL website with full project descriptions.



Abstract submission deadline:  
Friday July 19, 2019



**We value your  
partnership and look  
forward to 100 more  
years of collaborative  
opportunity**



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1. Driscoll T, Takala J, Steenland K, Corvalan C, Fingerhut M. 2005. Review of estimates of the global burden of injury and illness due to occupational exposures. Am J Ind Med 48:491-502.
2. Rushton L, Hutchings SJ, Fortunato L, et al. 2012. Occupational cancer burden in Great Britain. Br J Cancer. 107(Suppl 1):S3-7.
3. Wizner K., Stradtman L., Novak D., and Shaffer R. 2016. Prevalence of respiratory protective devices in U.S. health care facilities. Workplace Health and Safety, 64, pp. 359–369.