Decoding millennials in the workplace: Creating and delivering quality safety and health training to an ever-changing and tech-savvy workforce is a major trend in safety. The challenge for safety & health professionals will be harnessing this explosion of new industries and new technology and helping to create happy, healthy meaningful lives is the challenge to OEM for 2020 and for years to come. Understanding that safety performance goes far beyond what happens when an employee incurs an injury or illness.

Additionally, look for health programs to extend beyond employees to contractors, families, retirees and the communities where they live. Among the needs to consider are health conditions created by obsolescence, aging, the changing work environment, and climate change. The American Society of Heating, Refrigerating and Air-Conditioning Engineers predicts that, by 2050, at least 40% of the global population will live in areas affected by climate migration. In addition, the cannabis industry is booming and health & safety professionals now have entirely new workplace concerns to consider.

Predictions, Trends and Insights

1. Ergonomics in the workplace is something most safety professionals do not spend a lot of time on. However, in the manufacturing of consumer products, workers are facing potential risks that are not well known or characterized. The implication will be a growing demand for worker population assessments falling somewhere between a health evaluation and a psychological exam.

2. The Occupational Safety and Health Administration (OSHA) is proposing to modernize its training and certification requirements for industrial hygienists (IH) as part of its strategy to modernize the agency’s training programs. The OSHA proposal is expected to be published in the Federal Register in the near future.

3. Constantine Gean, Biomedical Engineering, Science and Health Systems Distinguished University Professor and Dean, Drexel University - School of Biomedical Engineering, Science and Health Systems

4. Bob Peterson, EH&S Director | The Harris Group

5. Frank J. Cruice, Safety Manager, Lehigh University

6. Middle East forum on worker health and safety | The Khaleej Times

7. Frank Kautz, MD, J. Frank Kautz, MD, PhD, EH&H, Inc.

8. Jon Travis, Senior Safety & Health Specialist | Vulcan Materials

9. Kathleen Ciszewski, EIT, EH&S, Danone North America, EIT

10. Constantine Gean, Biomedical Engineering, Science and Health Systems Distinguished University Professor and Dean, Drexel University - School of Biomedical Engineering, Science and Health Systems


12. Richard J. Giroux, RN, BSN, CPHRM, Manager, Occupational Health | Conagra

13. Desiree Giroux, Manager, Occupational Health | Conagra

14. Tim Parzian, OSHD | Nordicwell

15. Ben Kao, President & CEO | Examinetics

16. Dan Hodges, Biomedical Engineering, Science and Health Systems Distinguished University Professor and Dean, Drexel University - School of Biomedical Engineering, Science and Health Systems

17. Greg Lipp, Corporate Safety Director | Rollins, Inc.

18. Jane Lord, Chief of Ergonomics, National Institute for Occupational Safety and Health (NIOSH)

19. Sylvain Verger, Director, Risk Control

20. Lee Travis, Director, Safety | Johnson Controls