



# Justine Parker, CIH, CSP, CHMM, CPH

## Current Position

Senior Managing Health Scientist

## Discipline Areas

- > Industrial Hygiene
- > Exposure and Risk Assessment
- > HSE Emergency Response

## Years' Experience

18 Years

## Joined Cardno

2019

## Education

- > BS, Industrial Design, Sam Houston State University, May 2005

## Summary of Experience

Ms. Parker is a Senior Managing Health Scientist with Cardno ChemRisk with over 18 years of experience in areas of industrial hygiene, exposure assessment, and occupational health. She previously served as a Health and Safety advisor for nine years for ABC News in New York City and prior to that, was a Health & Safety consultant primarily serving the Gulf Coast region. She is a graduate of Sam Houston State University where she earned a B.S. in Industrial Design with a minor in Environmental Science.

At Cardno ChemRisk, Ms. Parker provides a broad range of professional occupational health and safety services including emergency response. She has designed and implemented industrial hygiene hazard and risk assessments including EHS programs, infection control plans, and various field protocols for a wide variety of industries. Her expertise includes interpreting exposure data and developing appropriate recommendations. She is expert in creating and implementing health and safety programs and protocols associated with emergency response including building and infrastructure, confined space, radiation, hostile environments, Ebola response, COVID-19, PTSD programs, wildfires, floods, and other natural disasters.

In addition to her wide range of occupational health and safety experience, Ms. Parker has been involved in helping companies prepare and respond to the COVID-19 pandemic including developing risk management strategies, communication protocols, case management plans and return to normal operations plans to aid in the continuation of business operations while protecting workers. Her specialty focuses on essential businesses including news and film productions. She had numerous publications on COVID-19 and its impact on businesses, workers, and EHS professionals.

Ms. Parker is a board Certified Industrial Hygienist (CIH), Certified Safety Professional (CSP), Certified Hazardous Materials Manager (CHMM) and Certified in Public Health (CPH). She is active in the American Industrial Hygiene Association (AIHA) at both the local and national level as a member of the Content Priority Advisory Group (CPAG), the International Affairs Committee and the AIHA Back To Work Safely COVID-19 Task Force. Justine is an ongoing supporter and volunteer for Jefferson County Court Appointed Special Advocates (CASA) supporting and advocating children of abuse and neglect.

## Significant Projects

Industrial Hygienist – Hexavalent Chromium During Hot Work Processes – US, Gulf Coast Region

Participated in one of the first published 'Hexavalent Chromium Sampling During Hot Work Processes' studies for the American Petroleum Institute in locations across the Gulf coast in 2006.

#### Industrial Hygienist, IAQ – US, Gulf Coast Region

Conducted mold assessments, IAQ surveys, and damage surveys post-Hurricane Katrina in various gulf-coast locations for Oil and Gas industry clients

#### Industrial Hygienist, IAQ – Key Middle School SBS – US, Houston, TX

Performed comprehensive mold assessments with media interaction for a Sick Building Syndrome school shutdown at Key Middle School for Houston ISD in Houston Texas 2006.

#### EHS Liaison, – Democratic/Republican National Conventions – US

EHS liaison (including IIPP creation, hostile environment training, situational awareness training) for ABC News at the Democratic National Convention in Denver, CO in 2008, the Democratic National Convention Charlotte, North Carolina, 2012, the Republican National Convention Tampa, Florida, 2012, the Democratic National Convention Philadelphia, Pennsylvania, 2016 and the Republican National Convention Cleveland, Ohio, 2016.

#### Industrial Hygienist, Trainer – US, New York, NY

Conducted Ebola Enhanced Screening and PPE Requirement Training for Customs and Border Protection (CPB), in collaboration with PHASE & Associates, JFK Airport, 2014

#### Industrial Hygienist, Responder – Imperial Sugar Plant Explosion – US, Savannah, GA

Conducted emergency response IH monitoring in Second Responder Role to sugar plant explosion for Imperial Sugar in Savannah, Georgia in 2007.

#### Lead Industrial Hygienist, H&S Training and Exposure Assessments – Global Assignments

Beijing, China - 2008 Beijing Olympics: trained and prepared teams in Hostile Environment/First Aid Training, air quality dangers, riot safety, and situational awareness. (27 personnel successfully deployed and rebased).

Port Au Prince, Haiti - 2010 Haiti Earthquake: trained and prepared teams on health and hygiene measures regarding food and water safety, personal hygiene, infectious diseases, first aid, personal safety and situational awareness.

Kabul, Afghanistan - 2010 The War in Afghanistan: Conducted onsite safety and health assessments in employee-occupied houses in the city. Conducted safety, sanitation, health and wellness inspections as well as situational awareness training. (74 personnel deployed and rebased).

Fukushima, Japan - 2011 Earthquake, Tsunami, Radiation Disaster: Trained and prepared teams regarding radiation safety (dosimeters, Geiger-counters and dose badges), earthquake safety, tsunami warnings, decontamination procedures, first-aid and situational awareness. (48 personnel successfully deployed and rebased).

Various PTSD program creation: Aurora, CO (2012 Theatre Shooting), Sandy Hook, CT (2012 School Shooting), London, UK (2013 Machete attack) Boston, MA (2013 Marathon Bombings): Facilitated PTSD counseling for personnel being deployed to tragedy sites.

Created and provided PTSD awareness training and personal safety training. Increased availability to the Employee Assistance Program to include freelancers and daily-hires. Advocated for additional support for those in secondary roles such as editors and graphic artists who watched footage.

Ferguson, Missouri - 2014 Civil Unrest/Riots: Prepared and trained employees regarding CBRN safety, ballistic vests, gas masks, situational awareness, and personal safety, first-aid, and crowd-navigation strategies. (92 personnel successfully deployed and rebased).

Monrovia, Liberia - 2015 Ebola Outbreak: Trained and prepared teams on proper PPE use, PPE donning and doffing practices, Ebola decontamination procedures, equipment decontamination and appropriate Ebola quarantine practices. (11 personnel successfully deployed and rebased).

#### Industrial Hygienist, Responder – US, Santa Rosa, California

Created and managed IEQ procedures and protocols for re-occupancy and reuse of R&D facilities impacted by wildfire damage, water damage, and smoke damage. Also provided IH emergency response services to Incident Command, 2017

#### Certifications

- > Certified Industrial Hygienist (CIH), Comprehensive Practice (CP #10340) by the American Board of Industrial Hygiene (ABIH), 2013
- > Certified Safety Professional (CSP), (#CSP-36831) by the Board of Certified Safety Professionals (BCSP), 2019
- > Certified Hazardous Materials Manager (CHMM), (#14555) by the Institute of Hazardous Materials Management (IHMM), 2007
- > Certified in Public Health (CPH), (#12074) by the National Board of Public Health Examiners (NBPHE), 2015

#### Professional Honors/Awards

- > 2017 MVP (Bureau Veritas) Award, Wildfire Response and Support, Santa Rosa, California Wildfires.
- > 2013 Edward R. Murrow award, Hurricane Sandy Coverage, ABC News Operations
- > 2005 Dale Benke Scholarship Award, Sam Houston State University, Department of Engineering Technology

#### Membership and Service to Professional Societies

- > American Industrial Hygiene Association (AIHA), 2013 – Present
- > American Industrial Hygiene Association (AIHA) Rocky Mountain Local Section, 2017 – Present
- > AIHA Content Priority Advisory Group (CPAG) 2020- Present
- > AIHA Back To Work Safely (BTWS) COVID-19 Task Force 2020 – Present
- > AIHA Occupational Exposure Banding Committee, 2019 – Present
- > AIHA Women in IH, 2019 – Present

#### Selected Presentations and Publications

- > Parker, J., C. Boles, O. Leleck, A. Buerger, N. Egnot, A. Sundermann, and E. Bussmann. 2020. Advancing toward normal operations for arenas and stadiums. *Tox Ind Health*. 36(9):718-727.
- > Parker, J., C. Boles, N. Egnot, A. Sundermann, and A. Fleeger. 2020. Return to normal operations: COVID-19 mitigation strategies for workplaces. *Tox Ind Health*. 36(9):711-717.
- > Boles, C., J. Parker, L. Hallett, and J. Henshaw. 2020. Current understanding and future directions for an occupational infectious disease standard. *Tox Ind Health*. 36(9):703-710.
- > Zisook, R.E., A. Monnot, J. Parker, S. Gaffney, S. Dotson, and K. Unice. 2020. Assessing and managing the risks of COVID-19 in the workplace: Applying industrial hygiene (IH)/occupational and environmental health and safety (OEHS) frameworks. *Tox Ind Health*. 36(9):607-618.
- > Parker, J. 2019. PTSD in the Newsroom: Acknowledgment, Prevention and Hope. [online] Rtdna.org. Available at [https://www.rtdna.org/article/ptsd\\_in\\_the\\_newsroom...](https://www.rtdna.org/article/ptsd_in_the_newsroom...)
- > Parker, J. and J. Crittall. 2007. Hexavalent Chromium Exposures During Hot Work Processes. AIHA Gulf Coast Local Section Meeting. 2007, Houston, Texas.
- > Parker, J. and H. Umhoffer. 2009. Noise – Brining it Under Control with Practical Solutions. Educational Session The Voluntary Protection Programs Participants Association (VPPPA) ,2009, San Antonio, Texas.