

Benjamin Jelin, Ph.D., CIH, CSP | Technical Director

New Orleans, LA

(917) 282-3184

ben.jelin@efiglobal.com

Professional Summary:

Highly qualified and experienced Technical Director, Project Manager, Certified Industrial Hygienist (CIH) and Certified Safety Professional (CSP) with doctoral level research and analytical skills, as well as advanced technical and problem-solving capabilities. Expert in anticipating, identifying and controlling occupational hazards. Expertise in:

- Industrial hygiene
- Large complex loss response
- Litigation support
- Qualitative and quantitative risk assessment
- Legionella bacteria exposure and management
- Loss of research claims assessment
- Food and chemical insurance loss claims assessment
- Environmental compliance

Licenses and Certifications:

Certified Industrial Hygiene - Comprehensive Practice, Board of Global EHS Credentialing (CP 11428)

Certified Safety Professional, Board of Certified Safety Professionals, (CSP-34878)

Licensed Asbestos Consultant, State of Florida (AX109)

Asbestos Consulting Professional Licensures, Louisiana Department of Environmental Quality (AI190889)

Lead Consulting Professional Licensures, Louisiana Department of Environmental Quality (AI190889)

Project Experience:

Confidential Client

Loss of Research Claim Assessment

Reviewed and opined on the loss of research on behalf of the Market for numerous studies that were being conducted at a nationally recognized non-human primate research center that was impacted by an extended loss of power.

Confidential Client

Bottled Water Adulteration Claim Assessment

Reviewed documentation and conducted an independent analysis of the contents of claimed adulterated water to provide the Carrier with an expert opinion on consumer exposure to potential

contaminants in bottled water and opined on the presence or absence of contaminants outside regulatory requirements.

Confidential Client – Aerospace Manufacturer
Industrial Hygiene Risk Assessment

Developed, managed, and conducted a facility wide industrial hygiene risk assessment and exposure sampling for Similar Exposure Groups (SEGs) at an aerospace advanced composite manufacturing facility.

Confidential Client – Multinational Bank Facilities Management Group
Return to Work Consulting

Developed and managed a return-to-work (RTW) program for a national banking corporate properties group including sampling over 2,000 facilities potable and non-potable water premise plumbing for Legionella bacteria. Project budget was approximately \$3.5 million.

ROTH Sodexo

Asbestos Management During Reroofing Operations

Managed and coordinated the asbestos portion of the United States Postal Services (USPS) roof replacement program for over 220 USPS locations including review of contractor work plans and qualifications to conduct asbestos work. Project budget was approximately \$2.5 million.

Professional Experience:

EFI Global, Inc, Technical Director – Large Complex Loss, 2023 - Present
Partner Engineering and Science, Inc., Technical Director, 2021 – 2022
Partner Engineering and Science, Inc., Senior Project Manager, 2017 – 2021
NV5 Global, Inc., Senior Industrial Hygienist/Project Manager, 2013 to 2017

Specialized Education:

From Exposure Assessment to Risk Characterization in Nanoparticles and Asbestos, AIHA 2023.
Practical Applications in Water Management for the Control of Legionella and Other Waterborne Pathogens, AIHA 2022
Investigations, Litigation, and Case Studies for Legionnaires’s Disease, AIHA, 2022
Fundamentals of Ultraviolet Germicidal Irradiation (UVGI) for Air and Surface Disinfection, ASHRAE, 2021
Use of Ultraviolet Germicidal Irradiation as a Control to Limit Airborne Transmission, ACGIH, 2020
The Role of Context in Ethical Decision Making for the Industrial Hygienist, AIHA, 2019
Preventing Legionnaires’ Disease: Training on Legionella Water Management Programs
How to Conduct an Incident Investigation, BowenEHS, 2018
Machine Guarding in Manufacturing, BowenEHS, 2018
Radon Measurement, Spruce Training, 2018

Education:

Ph.D., Global Environmental Health Sciences, Tulane University School of Public Health and Tropical Medicine, New Orleans, LA. May 2017.

MPH, Global Environmental Health Sciences, Tulane University School of Public Health and Tropical Medicine, New Orleans, LA. December 2011.

BSPH, Community Health Sciences (Minor in Economics), Tulane University, New Orleans, LA. December 2009.

Affiliations:

American Industrial Hygiene Association (AIHA)
American Conference of Governmental Industrial Hygienists (ACGIH)

Courses Instructed/ Guest Lecturer:

Human Health Risk Assessment (Course Instructed)
Air Sampling and Analysis – Pollution Control (Guest Lecturer)

Publications and Presentations:

Jelin B., Sun W., Kravets A., Naboka M., Stepanova E., Vdovenko V., Karmaus W., Lichosherstov A., Svendsen E. Quantifying Annual Internal Effective ¹³⁷Cesium Dose Utilizing Direct Body-Burden Measurement and Ecological Dose Modeling. *Journal of Exposure Science and Environmental Epidemiology*, (March 2015).

Jelin B., Lindgren A., Naboka M., Kravets A., Vdovenko V., Stepanova E., Karmaus W., Svendsen E. Quantification of Cesium-137 Internal Equivalent Dose in a Cohort of Children From Narodichi, Ukraine Utilizing a Mechanistic Ecological Model. Abstract Accepted to the International Society of Exposure Science Conference (2014).

Svendsen, E., Kolpakov I., Karmaus W., Mohr L., Vdovenko V., McMahon D., Jelin B., Stepanova Y. Reduced Lung Function In Children Associated with ¹³⁷Cesium Body Burden. Abstract Accepted for the World Epidemiology Conference (2014).

Svendsen, E., Kolpakov I., Karmaus W., Mohr L., Vdovenko V., McMahon D., Jelin B., Stepanova Y. Reduced Lung Function In Children Associated with ¹³⁷Cesium Body Burden. *Annals of the American Thoracic Society* (June 2015).

Svendsen E., Jelin B., Karmaus W., Naboka M., Vdovenko V., Stepanova E. ¹³¹Iodine Exposures Associated with Thyroid Shape and Disease: A Prospective Cohort Study of Chernobyl Affected Children. Abstract submitted for inclusion in the National Research Center for Radiation Medicine of the National Academy of Sciences of Ukraine International Scientific Conference "Health Effects of the Chornobyl Accident – A Thirty Years Aftermath (18-19 April 2016, Kyiv, Ukraine)."

Honors and Awards:

Past President of the Deep South Section of the American Industrial Hygiene Association

Dean's Doctoral Scholarship, Tulane University School of Public Health and Tropical Medicine

Second Place in Delta Omega Honorary Society in Public Health Poster Competition

South Central Center for Public Health Partnership Impact Internship (Stipend)

Graduated Magna Cum Laude

Delta Omega Honorary Society in Public Health, Member (recognized for being in the top 10% of the graduating class)

Represented the American Industrial Hygiene Association (AIHA) during a meeting of the Louisiana Senate Commerce, Consumer Protection and International Affairs Committee to show the organization's opposition to the provisions of Louisiana House Bill 748.