

Rod F. Bronstein **Senior Scientist**

Professional Profile

Mr. Rod F. Bronstein is a Senior Scientist in Exponent's Health Science Center for Occupational & Environmental Health. Mr. Bronstein has over 20 years experience, private sector, in industrial hygiene and related services, including construction defect inspections and testing for fungi. Mr. Bronstein has assisted in the design and implementation of numerous exposure assessment studies that included diverse chemical and bioaerosol sources.

Mr. Bronstein's exposure to industrial hygiene began with his Naval training in the late 1970's while serving onboard the USS Midway's Medical Department. During his tour on the USS Midway, Mr. Bronstein was assigned to Preventive Medicine, where his responsibilities included shipboard sanitation, pest control, water quality, and heat stress monitoring of naval personnel. At the conclusion of Mr. Bronstein's active duty, he completed California State University's Northridge Environmental and Occupational Health program. Upon graduation, Mr. Bronstein secured a position at an environmental and industrial hygiene consulting firm, MED-TOX, Inc. (MED-TOX) in Tustin, California. While at MED-TOX, Mr. Bronstein conducted asbestos surveys and consultations, indoor air quality testing, bio-aerosol testing, and traditional industrial hygiene exposure studies including the Alaska and Huntington Beach oil spills.

Prior to joining Exponent, Mr. Bronstein was the Owner of Safety Health West, where he designed and implemented Indoor Air Quality (IAQ) Studies and conducted and supervised OSHA Compliance/Industrial Hygiene (IH) Surveys.

Academic Credentials and Professional Honors

B.S., Environmental Occupational Health, California State University Northridge (CSUN)
A.S., Science, West Los Angeles Community College

USNR-R-Preventive Medicine Technician (Retired)

Licenses and Certification

Certificate in Hazardous Material Management; Registered California Certified Asbestos Consultant #92-0315; Registered California Department of Public Health Certified Lead Inspector/Assessor; OSHA Competent Person; AHERA Supervisor; AHERA Building Inspector; AHERA Management Planner; AHERA Project Designer; NIOSH 582

Publications

Bronstein R. Ammonia exposure and hazard assessment for selected household cleaning product uses. *J Expo Anal Environ Epidemiol* 2005; 15(6):534–544.

Fedoruk MJ, Bronstein R, Kerger BD. Benzene exposure assessment for use of a mineral spirits-based degreaser. *Appl Occup Environ Hyg* 2003; Oct; 18(10):764–871.

Shum M, Bronstein R. Mold—it's not new—it only seems that way. *Michigan Defense Trial Counsel, Inc.*, 19(3), January 2003.

Fedoruk MJ, Bronstein R, Kerger BD. Voc exposure assessment for government inspectors at gas stations. Presented at the Society of Toxicology Annual Meeting, Baltimore, MD, March 22, 2004. *Toxicological Sciences*, Abstract #516, 78(1-S):106, March 2004.

Kerger BD, Bronstein R, Fedoruk MJ. Exposure assessment of Vocs and metals for government inspectors at auto body repair facilities. Presented at the Society of Toxicology Annual Meeting, Baltimore, MD, March 22, 2004. *Toxicological Sciences*, Abstract #517, 78(1-S):106–107, March 2004.

Selected Project Experience

Pacer Communities: Rapid response for water intrusion and fungal mitigation consulting, CA

First Interstate Bank Fire: Industrial hygiene supervision, Los Angeles, CA

Xerox Corporation: Asbestos abatement design and management; Industrial hygiene exposure assessment

Valdez Oil Spill: Project management and industrial hygiene exposure assessment Prince William Sound, Alaska

Huntington Beach Oil Spill: Project management and industrial hygiene supervision Huntington Beach, CA

L.A. Rapid Transit Authorities: Asbestos site supervision and safety Metro Rail Green Line Terminal Repair Facility

Wells Fargo Bank: Indoor air quality/industrial hygiene air monitoring Los Angeles, CA

San Diego Regional Building: Construction defect with fungal investigation/testing

L.A. County Sheriff: Fungal investigation/testing, Los Angeles, CA

L.A. DWP: Fungal investigation/testing; Power generating facility – Castic Lake AOB – Los Angeles, CA

J.F. Shea: IAQ & fungal investigation/testing; Construction defect with fungal investigation/testing, Los Angeles and Orange Counties

S&H Homes: Construction defect with fungal investigation/testing, Orange County

KB Homes: Construction defect with fungal investigation/testing, Orange County

Fieldstone Homes: Construction defect with fungal investigation/testing, San Diego and Orange Counties

William Lyon's Homes: Construction defect with fungal investigation/testing, Orange County

Hewlett Packard: Industrial hygiene exposure assessment and IAQ, San Diego, CA

Union Pacific Railroad: Industrial hygiene exposure assessment, California, Utah, Montana

Toyota: Industrial hygiene exposure re-enactment; Moving vehicle study

Denny's Restaurant: Exposure re-enactment

San Clemente School District: Indoor Air Quality/ Industrial Hygiene

Yaganuma Press de Mexico: Industrial Hygiene Air Monitoring for cyanide exposures

Professional Affiliations

- American Industrial Hygiene Association—AIHA
- American Conference of Industrial Hygienists—ACGIH