

**CURRICULUM VITAE**

**MARK GEORGE GIGAS**

**Certified Industrial Hygienist**

December 2010

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## **DEGREES AND CONFERRING INSTITUTIONS**

Masters of Public Health, Environmental Sciences  
University of California, Los Angeles- 1980

Bachelor of Science, Biochemistry  
California Polytechnic State University, San Luis Obispo-1976

Associate of Arts, Chemistry/Mathematics  
Moorpark College -1974

## **SOCIETY MEMBERSHIP**

AIHA-American Industrial Hygiene Association-Full National Member since 1994  
AIHA- Southern California Local Section

## **LICENSES AND CERTIFICATIONS**

Certified Industrial Hygienist  
American Board of Industrial Hygiene  
Comprehensive Practice # 5572. 1992

Certified Asbestos Consultant  
State of California, Division of Occupational Safety and Health # 96-1929  
Expiration Date: 3/29/2011

Lead Related Construction  
Inspector/Assessor and Project Monitor  
State of California Department of Public Health #2257  
Expiration Date: 2/24/2011

OSHA 40 Hour Certified Health & Safety Trained for Hazardous Waste Operations  
Initial Training -1986. 8-Hour Refresher Training Current May 2011

OSHA Construction Safety Awareness Training

Federal Emergency Management Agency-Disaster Emergency Safety Officer Training

## **PROFESSIONAL HISTORY:**

1994 to Present-Mark Gigas, Certified Industrial Hygienist. Professional provider of industrial hygiene consultant services including indoor air quality evaluations, mold damage investigations, mold and asbestos remediation oversight, lead abatement project monitoring, workplace compliance assessments, safety audits, OSHA safety training, UST removal oversight and sound level monitoring. Provider of industrial hygiene support to several other consulting companies, working as a subcontractor. Part time Federal Emergency Management Agency safety officer from 1995 thru 2001.

1993 to 1994- RUST Environment & Infrastructure, Certified Industrial Hygienist. Health & Safety Program manager responsible for Health & Safety site preparations, including establishing PPE requirements, emergency response and on-site personnel air-monitoring. Industrial hygiene assessment and surveys, safety training, safety manual preparation, indoor air quality evaluations, small business safety audits and OSHA Hazwoper 40 Hour safety class training.

1989 to 1993- Gigas Environmental Consulting, Industrial Hygienist in Training. Provided industrial hygiene consulting services including asbestos abatement oversight, indoor air quality monitoring, sound level monitoring, OSHA Health & Safety training, environmental audits, hazardous materials sampling and hazmat disposal services.

1989 – Holguin, Fahan & Associates, Senior Chemist. Chemistry laboratory start-up operations including obtaining the California Department of Health Services lab certification; Conducting 40 Hour OSHA Hazardous waste site and emergency response training; health & Safety plan preparation; building inspections for asbestos containing building materials; soil vapor assessments and groundwater well monitoring activities.

1988 to 1989 – Dynamac Corporation, Industrial Hygienist. Responsible for AHERA asbestos school inspections and sampling throughout California; asbestos abatement monitoring oversight; indoor air toxins testing; underground storage tank permitting and removal coordination.

1983 to 1988 – Combustion Engineering, Field Chemist. Responsible for the indoor air toxics programs, all field operation of the Electric Power Research Institute mobile field geothermal laboratory. Program manager for all underground storage tank removals. Laboratory chemist with extensive instrumental testing in all phases of in house laboratory operations. Implementing the initial California household hazardous waste disposal program. Responsible for company emergency spill response & remedial action.

1981 to 1982 – Planning Research Corporation, Facility Chemist - Yuma Desalting Test Facility, Supervision of the entire chemistry laboratory including analysis, training, hiring, quality control, laboratory data reporting and engineering support.

1981 – Jacobs Laboratories, Instrumental Analyst. Chemistry lab analysis specialist.

## **PROFESSIONAL EXPERIENCE**

Employment background includes 30 years of diversified experiences working in:

- Industrial Hygiene.
- Environmental Sciences.
- Asbestos sampling and asbestos abatement oversight.
- Lead Based Paints investigative sampling, project monitoring and lead safety awareness training.
- Indoor air quality investigations.
- Mold inspections/sampling/protocol and remediation oversight.
- OSHA 40 hour Hazwoper classroom safety training.
- Hazardous waste site remediation, hazardous materials handling and disposal requirements.

## **CONTINUING EDUCATION**

Forensic Analytical Microbial Seminar, Field Identification Techniques for sampling microbial contaminants-Los Angeles, California. March 1999.

American Industrial Hygiene Association 4 day Conference-Toronto, Canada. June 1999.

Dan Napier and Associates-EPA Model Curriculum for AHERA Asbestos, including Contractor/Supervisor, Management Planner, Building Inspector/Project Monitor. Annual asbestos refreshers to 2011.

State of California, California Unified Program Forum Conference sponsored by the California Dept. of Toxic Substance Control, 4.5 days, Los Angeles, California February 2001.

Los Angeles County Department of Health Services-Addressing Environmental Hazard Reduction of Lead and Molds seminar. 2 days. Los Angeles, California. March 2001.

Federal Emergency Management Agency Disaster Safety Officer Training, West Virginia, April 2001.

American Industrial Air Quality Council seminar-Ventilation and sampling strategy, Los Angeles, California, April 2001.

American Industrial Hygiene Association seminar-How to Recognize Hazards in the Workplace. 4.5 days. San Diego, California, June 2002.

State of California, California Unified Program Forum Conference sponsored by the California Dept. of Toxic Substance Control. 4.5 days. Los Angeles, California.

February 2003.

Indoor Air Quality Conference-Dual Trace Collection of TWA samples of fungi. Methods in removing spore deposition from porous and non-porous surfaces. Los Angeles, California. July 2003.

American Indoor Air Quality Council. The new IICRC Standards, Santa Barbara, California. October 2003.

Lead Based Paints Refresher Training, National Environmental, Los Angeles, California. December 2003.

American Indoor Air Quality Council Mold Workshop-Previous mold in new construction. Ventura, California. February 2004.

Indoor Environmental Standards Organization, Inaugural Conference-Indoor Air Quality and Mold legislative and regulatory update. 3 days. Las Vegas, Nevada. February, 2004.

Southern California NIOSH ERC- The way we work and its impact on our health. 2 days, University of California Los Angeles, April 2004.

State of California, California Unified Program Forum Conference sponsored by the California Dept. of Toxic Substance Control, 4.5 days Los Angeles, California. February 2005.

American Industrial Hygiene Conference. 5 days. Anaheim, California. May 2005.

Southern California NIOSH ERC- Ethics for Health and Safety Professionals. University of California Los Angeles. January 2006.

Indoor Air Quality Association Workshop-Reasons why mold litigation is not dead. Santa Barbara, California. June 2006.

Southern California NIOSH ERC- Controlling Sharps and Injuries. University of California Los Angeles. October 2006.

Lead Based Paints Refresher Training, NATEC, Anaheim, California, June 2006.

State of California, California Unified Program Forum Conference sponsored by the California Dept. of Toxic Substance Control, 4 days Los Angeles, California. February 2007.

Southern California NIOSH ERC- Identification and preventing workplace injuries and illness. Train the Trainer. University of California. Santa Barbara. May 2007.

Orange County/Southern California joint AIHA Technical Symposium-Establishing occupational limits and related legislative issues in California.  
Long Beach, California. October 2007.

Department of Health Services Accredited Lead Refresher Course. Allstate Services Environmental. Corona, California. January 2008.

American Industrial Hygiene Conference. 5 days. Minneapolis, Minnesota. June 2008.

Orange County/Southern California joint AIHA Technical Symposium-Refinery Safety Issues. Long Beach, California. October 2008.

Lead Based Paint Continuing education for Inspectors, Risk Assessors and Supervisors. HomeSafe Environmental. Baldwin Park, California. December 2009

Orange County/Southern California joint AIHA Technical Symposium-Current Industrial Hygiene Issues. Long Beach, California. October 2009.

Indoor Air Quality Association, Los Angeles Chapter Workshop-California Air Resources Emissions Standards past, present and future .Los Angeles, California. December 2010.