

Joe C. Spurgeon

**JOE C. SPURGEON, Ph.D., MBA**  
**Certified Industrial Hygienist (1993 – 2012)**

**EXPERTISE IN HEALTHCARE INVESTIGATIONS**

**EDUCATION**

Ph.D. (A) Environmental Health, Graduate School of Public Health  
(B) Analytical Chemistry, Graduate School of Chemistry  
Air Pollution Fellow, University of Pittsburgh, Pittsburgh, PA.; 1972

**Hospitals and Healthcare Facilities: incident responses, baseline surveys**

- Research hospital, Legionella & CCR Title 22 water quality survey, Los Angeles, CA
- Community hospital, Legionella & CCR Title 22 water quality survey, Simi Valley, CA
- Community hospital, 2-year construction project, Redlands, CA
- Research hospital, nosocomial infections, Los Angeles, CA
- 80-bed elderly health care facility, mold remediation, Claremont, CA
- Research hospital, construction project, Los Angeles, CA
- Research hospital, exposure compliance sampling, Los Angeles, CA

**ADDITIONAL TRAINING**

**Health Care Facilities**

EH&S for Healthcare Facilities, PDC 404, AIHce, Philadelphia, PA (06-03-07)

**Toxicology:**

Inhalation Toxicology (Lovelace Research Institute)  
Toxicology of Heavy Metals (UND)  
Essentials of Toxicology (NIH/NCI Graduate School)

**Exposure Assessments:**

Risk Assessment Methods: A Tool Box; AIHA, PDC # 442, 1999.  
Exposure Assessment Strategies and Statistics; AIHA PDC # 702, Houston, TX., 1997.  
Intermediate Exposure Assessment Modeling; UNC/AIHA Summer Institute, 1997.  
Basic Exposure Assessment Modeling; UNC/AIHA Summer Institute, Norfolk, 1997.

**Indoor Air Quality Courses:**

Construction Failure Investigations (RestCon)  
Statistical Methods for Mold Air Sampling Data (AIHA)  
Developing Remediation Strategy and Writing Specifications for Mold Abatement  
Strategies for Conducting Microbial IAQ Investigations (AIAQC)  
Reading and Understanding Blueprints from an IAQ Perspective (MAEHRC)  
HVAC System Performance and Indoor Air Quality (MAEHRC)

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## PROFESSIONAL WORK EXPERIENCE

**US Public Health Service**, Division of Federal Occupational Health; Washington, DC; Contract Consultant, CIH; major IAQ investigations and EPA Laboratory Exposure Assessment Program

**US Environmental Protection Agency**, Indoor Air Division; Washington, DC.; Project Manager: Residential Initiative on Indoor Air Quality; Environmental Scientist

**Centers for Disease Control and Prevention, Agency for Toxic Substances & Disease Registry**, Atlanta, Ga.; Division of Health Assessment & Consultation; Environmental Health Scientist

**Federal Aviation Administration (DOT)**, National Technical Center, Atlantic City, N.J.; Aircraft Safety Division, Fire Safety Branch; Manager, Combustion Toxicology Laboratory.

## COURSE INSTRUCTOR

- Using qPCR in Mold Investigations, IAQA Workshop, Santa Ana, CA, November 8, 2008.
- An Exposure Assessment Strategy for Laboratories; AIHce, PDC # 301, Orlando, FL., 2000.
- Asbestos Abatement Worker/Supervisor Course; EPA approved, 1990 - 93.
- Lead-paint Abatement Worker/Supervisor Course; 1990 - 93.

## TECHNICAL PRESENTATIONS

A New Method for Detecting Low Concentrations of Airborne *Aspergillus* in HEPA\_Filtered Hospital Air. J. Spurgeon, K. Lin, G. Spahr; ISIAQ, Paper 270, June 7, 2011, Austin, TX.

Differentiating between Clean and Moldy Indoor Environments Based on Airborne *Asp/Pen* Spore Concentrations. J. Spurgeon, D. Bridge; AIHce 2008, PO 128, June 4, 2008, Minneapolis, MN

Concentrations of Airborne *Asp/Pen* Spores in Critical Care Areas of Hospitals as Measured by Spore Counts and qPCR. J. Spurgeon, K-T Lin, G. Spahr; AIHce 2008, PO 110, June 2, 2008, Minneapolis, MN

Interpreting indoor Concentrations of Airborne Mold; J. Spurgeon; Session: Mold Exposure Assessment and Evaluation: PO 104, Paper 26; AIHCE, Anaheim, CA, May 23, 2005.

A Method for Collecting TWA Samples of Airborne Fungi and Fungal Spores; J. Spurgeon; Mold Sampling Methods Podium Session 122, Paper 159; AIHCE, Dallas, TX, May 14, 2003.

A Method for Assessing Exposures in Chemical Laboratories; J. Spurgeon. Paper 313, Technical Session 140: Laboratory Health and Safety; AIHCE, Orlando, FL., May 25, 2000.

Using qPCR in Mold Investigations; J. Spurgeon; IAQA Workshop, Irvine, CA, November 8, 2008.

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An Overview of the AIHA Exposure Assessment Strategy; Spurgeon, J., Kretchman;. US EPA SHEMD Conference; Washington, DC; July 22, 1998.

The US EPA Laboratory Exposure Assessment Program; Bushta, D., Moring, K., Spurgeon; J. Applied Workshop: Occupational and Environmental Exposure Assessments; ACGIH/NIOSH; Chapel Hill, NC; February 24, 1998.

The US EPA Laboratory Exposure Assessment Program; Spurgeon, J. US DOE Symposium - Worker Exposure during Site Remediation; Columbia, MD.; September 10, 1997.

Spurgeon, J.; An Opinion on Assessing the Health Effects of Mold; COLUMNS-Mold, HarrisMartin Publishers, Berwyn Park, PA; p. 4, February, 2007.