

JOE C. SPURGEON, Ph.D., MBA
Certified Industrial Hygienist

moldinspectionproducts.com

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EDUCATION

MBA Real Estate Finance and Entrepreneurial Management
The Wharton School; University of Pennsylvania, Philadelphia, PA.; 1981

Ph.D. Analytical Chemistry, Graduate School of Chemistry
Environmental Health, Graduate School of Public Health
University of Pittsburgh, Pittsburgh, PA.; 1972

B.S. Chemistry and Mathematics
Indiana State University, Terre Haute, Ind.; 1968

INDOOR AIR QUALITY EXPERIENCE

Bayshore Environmental, Inc.; Placentia, CA.; Consultant, microbial indoor air quality

- ▼ 80-bed elderly health care facility, Claremont, CA
- ▼ 78-unit apartment complex, Bakersfield, CA
- ▼ Research hospital, Los Angeles, CA
- ▼ 200-unit condominium complex, Santa Ana, CA.
- ▼ 20 residences in metropolitan Houston, TX.; Salinas v. Allstate Insurance
- ▼ Erin Brokovich residence, Agoura Hills, CA. [featured on “48 Hours”]

Pacific Health & Safety, Inc.; Irvine, CA; Manager of Microbial Services

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

- ▼ US Dept. of Commerce, National Oceanic and Atmospheric Administration; Silver Spring, MD.; three office towers, 14-16 floors each; microbial IAQ response; 3 months.; about \$ 3M.
- ▼ US Environmental Protection Agency, Region VIII Laboratory; Golden, CO.; 70,000 square feet; 3 hospitalized; microbial IAQ response; 3 weeks; about \$ 5M.
- ▼ US Environmental Protection Agency, Day Care Center; Headquarters Building; Washington, DC; infiltration of diesel exhaust fumes; 3 weeks.
- ▼ US Dept. of Transportation, Headquarters Building; Washington, DC; 12 floors; microbial IAQ response; 8 months on-site; about \$ 20M.

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

- ▼ Completed a 40-page guidance manual: "From the Ground Up: Indoor Air Quality in New Home Construction and Remodeling".

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

- ▼ Performed Health Assessments on populations living near EPA Superfund sites. Involved the evaluation of the technical site assessment data; field evaluation of the site; direct interaction with residents and state & local officials in town meetings; and writing published Health Reviews and Health Assessments for the site.

Social Security Administration, Baltimore, Md.; Division of Environmental Protection and Safety,
Environmental Protection and Safety Branch; Senior Industrial Hygienist

- ▼ US Dept. of Health and Human Services, Social Security Administration; Western Process Center,
Richmond, CA.; 2 dead, 10 hospitalized; Legionella and microbial IAQ, 3 months; about \$ 12M.

Served as the SSA's on-site industrial hygienist in a major Legionella and microbial response in Richmond, Calif. This required me to remain on-site for 13 weeks. I was responsible for surveying the 600,000 square foot building, designing and managing the decontamination protocol, and working jointly with CDC, Cal OSHA, NIOSH and federal OSHA to develop their initial reentry protocol for buildings containing Legionella.

Baywind Associates, Inc.; Baywinds Realty, Inc.

- ▼ Licensed Class A general contractor and residential builder
 - ▼ Constructed single family houses and duplexes
 - ▼ Sales and rentals of construction trailers
- ▼ licensed real estate broker
 - ▼ Owned and managed residential rental properties
 - ▼ Contract instructor: Investment Real Estate classes for Century 21

Bayshore Environmental Laboratory, Inc.

- ▼ Asbestos laboratory and consultant; asbestos and lead-based paint
- ▼ Licensed Asbestos Supervisor, Project Designer, Project Monitor, Management Planner
- ▼ Instructor: Asbestos Worker and Supervisor courses

National Institutes of Science & Technology (NBS), Gaithersburg, Md.; Lead Paint Poisoning Program;
Research Chemist

- ▼ Performed field inspections on public housing in various cities.
- ▼ Inter-agency consultant to HUD on the hazards of heavy metals in coatings.

ADDITIONAL TRAINING

Asbestos :

Asbestos Abatement Supervisor; Asbestos Project Designer; Asbestos Project Monitor;
Inspecting and Managing Asbestos; NIOSH 582: Microscopy of Airborne Asbestos Samples;
McCrone PLM: Microscopy of Bulk Asbestos Samples

Exposure Assessments:

Risk Assessment Symposium; AIHA, Nashville, TN., 2000
Risk Assessment Methods: A Tool Box; AIHA, PDC # 442, 1999.
Workplace Exposure Assessment (Workbook) ; PDC # 440, Atlanta, GA., 1998.
Exposure Assessment Strategies and Statistics; AIHA PDC # 702, Houston, TX., 1997.
Basic Exposure Assessment Modeling; UNC/AIHA Summer Institute, Norfolk, 1997.
Intermediate Exposure Assessment Modeling; UNC/AIHA Summer Institute, 1997.

Toxicology:

Inhalation Toxicology Workshop (Lovelace Research Institute)
Toxicology of Heavy Metals in Paint (UND)
Essentials of Toxicology (NIH Graduate School)

Indoor Air Quality Conferences:

American Industrial Hygiene Association Conference; Atlanta, May, 2004
Mold Remediation: The Quest for National Consensus, ACGIH, Orlando, FL; Nov., 2003
5th International Conference on Bioaerosols; Saratoga Springs, N.Y., Sept., 2003
Environmental Mold Symposium; AIHCE, Dallas, TX, May, 2003
Indoor Air Quality Symposium; AIHCE, Dallas, TX, May, 2003
American Industrial Hygiene Association Conference; Dallas, TX, May, 2003
9th International Conference on IAQ and Climate; ISIAQ, Monterey, CA, June, 2002
American Industrial Hygiene Association Conference; San Diego, CA, May, 2002
Indoor Air Quality Conference; AIAQC, Orlando, FL, April, 2002

Indoor Air Quality Courses:

Advanced Microscopic Identification of Fungal Spores (McCrone)
Moisture Control In Construction (Lstiburek)
Investigating and Assessing Microbiological Contamination in the Indoor Environment
Developing Remediation Strategy and Writing Specifications for Mold Abatement
Identification of Cultured Fungi (McCrone)
Microscopic Identification of Fungal Spores (McCrone)
Microbial IAQ Problems in Hot and Humid Climates
Strategies for Conducting Microbial IAQ Investigations (AIAQC)
Microorganisms in Indoor Air (AIHA)
Aerobiology of Indoor Environments (Harvard)
Microbiological Procedures for Indoor Air Quality Surveys (MAEHRC)
Microbiological Sampling and Assessment of Indoor Environments (MAEHRC)
Advanced Instrumentation and Sampling Methodology for IAQ (MAEHRC)
Reading and Understanding Blueprints from an IAQ Perspective (MAEHRC)
HVAC System Performance and Indoor Air Quality (MAEHRC)
How to Conduct an Indoor Air Quality Investigation (AIHA)

INSTRUCTOR

- ▼ An Overview of Sampling Methods for Fungal Contaminants; IAQC Workshop; Skirball Center, Los Angeles, CA; July 16, 2003.
- ▼ Inspection and Sampling of Residential Properties for Mold and Allergens; Santa Ana, CA, December 12-14, 2002; April 17-19, 2003; Fullerton, CA, July 25-26, 2003.
- ▼ How One Expert Witness Conducts Mold Investigations; J. Spurgeon. Environmental Information Association Conference, Savannah, GA, March 23-26, 2003.
- ▼ An Exposure Assessment Strategy for Laboratories; AIHA, PDC # 301, Orlando, FL., 2000
- ▼ Asbestos Worker/Supervisor Course; EPA approved, 1990 - 93.

RECENT PRESENTATIONS

Sampling Wall Cavities for Hidden Mold; J. Spurgeon; Round Table 211: Detecting Hidden Mold in Water Damaged Buildings; AIHCE, Atlanta, GA, May 11, 2004.

A Method for Sampling Fungal Contaminants in Carpets and Soft Surfaces; J. Spurgeon; Mold Sampling Methods, Podium Session 122, Paper 156; AIHCE, Dallas, TX, May 14, 2003.

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 Sampling Fungal Spores and Culturable Fungi in Wall Cavities: J. Spurgeon; Poster Session 401, Paper 247; AIHCE, Dallas, TX, May 12, 2003.

Mold and the Remediation Contractor; J. Spurgeon. Environmental Information Association, Orange County Chapter; June 18, 2002.

Assessment of Microbial Contaminants; J. Spurgeon. Mealeys Mold Litigation Conference; Philadelphia, PA., Feb. 8, 2001.

Analysis of Bioaerosol Data Using Exposure Assessment Statistics; J. Spurgeon. Roundtable 249: Forum on Bioaerosol Sampling; AIHCE, Orlando, FL., May 25, 2000.

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.

An Exposure Assessment Strategy for Laboratories; J. Spurgeon, K. Kretchman. Professional Development Course # 301; AIHCE, Orlando, FL., May 20, 2000.

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.

Developing Survey Strategies for Multiple Facilities; Reddinger, C., Spurgeon, J. AIHA Northern California Section Symposium - Reliable Exposure Assessments: How Much Is Enough?; Palo Alto, CA.; March 25, 1998.

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

RECENT PUBLICATIONS

Spurgeon, J.; Assessment of the Bi-Air Cassette for Sampling Airborne Spores and Fungi; JEOH; Submitted, June 29, 2004.

Spurgeon, J.; Questions Everyone Should Ask Before Hiring a Mold Consultant; Environmental Health & Safety Solutions, Olney, MD., Vol. 5, # 2, p. 4; March/April, 2004.

Spurgeon, J.; The Interpretation of Airborne Data: Parts 1, 2, 3 and 4; COLUMNS-Mold, HarrisMartin Publishers, Berwyn Park, PA; Vol. 4, March/April/May/June, 2004.

Spurgeon, J.; Sampling Carpets and Soft-surfaces for Fungal Contaminants: Sampling and the Clean v. Discard Dilemma; COLUMNS-Mold, HarrisMartin Publishers, Berwyn Park, PA; (Vol. 3, # 2, p. 4, Dec., 2003).

Spurgeon, J.; The Collection and Interpretation of Wall Cavities Samples; COLUMNS-Mold, HarrisMartin Publishers, Berwyn Park, PA; (Vol. 3, # 1, p. 58; Nov., 2003).

Spurgeon, J.; A Sampling Method for Comparing Fungal Concentrations in Carpets; AIHAJ, (64(6):842-845), Nov/Dec, 2003.

Spurgeon, J.; A Method for Detecting Fungal Contaminants in Wall Cavities; AIHAJ, 64(1):40-47, Jan/Feb., 2003.

Spurgeon, J.: Sampling for Mold Remediation; Indoor Environment Connections, Vol 3, # 11 (November, 2002); Indoor Environment Communications, Kensington, MD.