

# MARY E. GREENHALGH

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## Occupational Health and Safety Professional Industrial Hygienist

*Broad experience in industrial hygiene (IH) consulting with strong background in OSHA compliance, chemical safety programs, regulatory analysis and exposure assessments*

Skilled and dedicated professional with strong written and oral communication and organizational skills. Experienced consultant offering expertise in regulatory analysis and compliance activities, exposure assessments, program development and implementation, and laboratory audits.

IH Consultation / Expertise  
Regulatory Analysis/OSHA Compliance  
Chemical Safety Programs  
Private Sector / Government Clientele

Healthy / Safe Environments  
Exposure Assessments / Laboratory Safety  
Corporate / Workplace Audits  
Scientific Litigation Support

*Master of Public Health in Environmental & Occupational Health  
Certified Industrial Hygienist*

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### CAREER HIGHLIGHTS

COUNSEL IN OCCUPATIONAL AND ENVIRONMENTAL HEALTH INC., Ringoes, NJ • 1997 - Present

#### Senior Industrial Hygienist

Private sector and government client consulting related to occupational and laboratory health and safety, regulatory analysis, consumer product safety, health / safety training, and scientific litigation support.

- Improved laboratory safety through systematic identification of health and safety issues including ventilation concerns, unsafe work practices, and inappropriate chemical storage. Enabled the client's EHS Department to leverage scarce resources and focus on laboratories with most significant hazards.
- Provided critical technical support for corporate audit team in promoting high quality, consistent EHS practices throughout 10 research and development / manufacturing facilities for major biotech company; efforts contributed to organization-wide consistent EHS management system.
- Team member on numerous consumer product safety projects including design of testing/evaluation SOP for chemicals of concern (including volatile organic compounds, phthalates and metals) in consumer products, and development of antimicrobial efficacy testing program.
- Performed risk assessments for range of consumer product safety issues in response to California Prop 65 requirements.
- Developed comprehensive, facility-specific health and safety programs including chemical hygiene plans, respiratory protection programs, bloodborne pathogens exposure control plans, and hearing conservation programs.
- Provided technical support to expert witness in toxic tort cases involving lead, aromatic amines, petrochemicals and diacetyl (butter flavoring). Effective research, technical abilities and conscientiousness led attorneys to successful resolution of cases.

### CAREER NOTE

Built impressive career in industrial hygiene by serving in several earlier positions.

- USDOL/OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA), **Compliance Safety and Health Officer (CSHO)/Industrial Hygienist** – Conducted safety and health compliance inspections in varied industries including secondary lead smelting, pharmaceutical packaging, plating, scientific glassware manufacturing, nursing homes and migrant farms. Evaluated compliance with OSHA regulations, identified/documented health and safety hazards, and provided abatement assistance.
- ENVIRON CORPORATION, HEALTH SCIENCES GROUP, **Senior Associate Health Scientist** – Performed multi-pathway quantitative risk assessments, developed Reference Doses and toxicity profiles

*Career Note Continued...*

for chemicals of concern, and acted as Health and Safety Coordinator for international leader in environmental, safety, and health sciences consulting services.

- UMDNJ VIRAL DIAGNOSTIC LABORATORY, **Research and Teaching Specialist** – Supervised laboratory by coordinating diagnostic activities involving isolation and identification of viral agents, maintaining tissue culture cells, and performing immunologic and enzyme-linked immunosorbent assays.
- CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY, **Research Technician** – Characterized the specificity of antibodies with human tumor cells.

### **EDUCATION / CERTIFICATION**

#### **Master of Public Health in Environmental & Occupational Health**

UMDNJ/Robert Wood Johnson Medical School, Graduate Program in Public Health

#### **Bachelor of Science in Biology**

Boston College, College of Arts & Sciences

**Certified Industrial Hygienist #7189**, Diplomate, American Board of Industrial Hygiene

### **PUBLICATIONS / PRESENTATIONS**

Harnett, P.B. and Greenhalgh, M.E. Enhancing safety of research laboratories in a pharmaceutical facility through application of a chemical hazard exposure assessment tool, May 2005 at American Industrial Hygiene Conference and Exposition in Anaheim, California.

Harnett, P.B. and Greenhalgh, M.E. Empirical data and modeling of a flammable spill in a chemical fume hood do not support the need for fire suppression within the ductwork of the chemical fume hood. Platform presentation, June 2002 at the American Industrial Hygiene Conference and Exposition in San Diego, CA.

### **PROFESSIONAL LEADERSHIP**

Assistant Director of New Jersey AIHA Summer Review Course, 1998-1999

Secretary, New Jersey AIHA, 2005-2007