

David L. Dahlstrom, CIH, FAIHA
Senior Managing Scientist

Professional Profile

Mr. David L. Dahlstrom is a Senior Managing Scientist in Exponent's Health Sciences Center for Exposure Assessment and Dose Reconstruction. His professional technical and management experience spans 35 years focused in the environmental and occupational health and safety (OHS) fields in the "Big 4" accounting, chemical, pharmaceutical, and environmental engineering consulting industries. Mr. Dahlstrom is trained as a Certified Industrial Hygienist, environmental and occupational health and safety expert, analytical chemist, and microbiologist. Much of his significant work experience is in the areas of exposure assessment, hazard characterization, industrial hygiene, scientific causation analysis, indoor environmental quality, engineered nanomaterial health and safety, environmental/occupational program management, liability assessment/risk management, environmental due-diligence, acquisition and divestment strategy, compliance auditing, medical surveillance, hazardous waste investigation and remediation, chemical emergency response, and employee training programs. In addition, he has practical business management experience in industry.

Mr. Dahlstrom's pioneering work in the area of worker protection for the chemical incident response and hazardous waste industries is well recognized. He has made key contributions to the practices industrial hygiene; OHS program management, workplace investigation, medical surveillance program design, personal protection, monitoring systems, and employee training. He is a published author in several books relative to these subjects and over 50 presentations on various related topics.

Academic Credentials and Professional Honors

M.S., Environmental Engineering, Drexel University, 1979

B.A., Combined Sciences, University of Tennessee at Chattanooga, 1973

Fellow, American Industrial Hygiene Association

2007 AIHA Outstanding Volunteer Group Award (Law Committee); Blue Key National Honor Society; Beta Beta Beta Biology Honor Society; Kappa Sigma National Scholarship-Leadership Award; Leadership Recognition Award given by the American Industrial Hygiene Association, May 2008

Licenses and Certifications

Certified Industrial Hygienist, No. 3728, Certified in the Comprehensive Practice of Industrial Hygiene, 1987; American Board of Industrial Hygiene (ABIH), Most Recent Recertification granted 2010.

Publications

Tsuji J, Dahlstrom DL, Arndt S, Rogers Wm, Clark J. Labeling and warning for products containing engineered nanomaterials—Learning from the past or we are doomed to repeat it? BNA Product Safety & Liability Reporter, Vol.39, PSLR 1283, November 21, 2011.

Tsuji J, Dahlstrom DL, Arndt S, Rogers Wm, Clark J. Engineered nanomaterials in the workplace: What to do when the genie is out of the bottle. BNA Toxic Law Reporter, Vol. 26, No. 27, July 14, 2011.

Dahlstrom DL, Horner E. Be a star on the green team: Working with stakeholders is essential for ensuring IEQ in green buildings. The Synergist 2009; 20(6), June/July.

Dahlstrom DL, Ullman A. Managing your environmental risks when closing a deal. Atlanta Business Chronicle 1993; February 1.

Dahlstrom DL, Ullman A. How to avoid environmental land mines. Atlanta Business Chronicle 1993; March 5.

Dahlstrom DL, Ullman A. Environmental hazards in home building. Atlanta Business Chronicle 1993; April 9.

Dahlstrom DL. Environmental land mines aren't always in the ground. The Real Estate Journal, Ernst & Young, LLP, Fall 1993.

Dahlstrom DL, Froebe L. Hazardous waste control program scores major safety record. Journal of Commerce 1985; April 29.

Dahlstrom DL. Special report—chemical hazards—the medical angle. Bureau of National Affairs, Chemical Substances Reporter 1982; 38.

Dahlstrom DL. Success in safety. Bureau of National Affairs, Chemical Substances Reporter 1982; 39.

Dahlstrom DL. Occupational and environmental factors related to the occurrence of cancer in humans. Master's thesis, Drexel University, Philadelphia, PA, 1978. Also published as a part of the State Health Plan for Pennsylvania.

Book Chapters

Dahlstrom DL, Buckalew M. Solvents and industrial hygiene. In: Principles and Methods of Toxicology, Chapter 15, Fifth Edition. Wallace Hayes A (ed), Taylor and Francis, LLC, 2007.

Dahlstrom DL, Jonmaire P. Occupational health and safety programs for hazardous waste workers. In: Protecting Personnel at Hazardous Waste Sites, Chapter 3, Third Edition. Martin WF (ed), Stoneham, Butterworth-Heinemann, 1999.

Dahlstrom DL, Sherman SJ, Jonmaire P. Occupational health and safety programs for hazardous waste workers. In: Protecting Personnel at Hazardous Waste Sites, Chapter 3, Second Edition. Levine SP and Martin WF (ed), Stoneham, Butterworth-Heinemann, 1993.

Dahlstrom DL, Melius J, Costello R. Medical surveillance programs. In: Occupational Medicine, Chapter 32, Second Edition. Zenz C (ed), Chicago, Yearbook Medical Publishers, 1986.

Dahlstrom DL. Occupational health and safety programs for hazardous waste workers. In: Protecting Personnel at Hazardous Waste Sites, Chapter 3. Levine SP and Martin WF (ed), Stoneham, Butterworth Publishers, 1985.

Books Edited

Dahlstrom DL. Exposure assessment. In: Toxicology Principles for the Industrial Hygienist, Chapter 20. Published by the American Industrial Hygiene Association (AIHA) and AIHA's Toxicology Committee, 2008.

Presentations

Dahlstrom DL. Engineered nanomaterial risk management. Presented at the Next Small Step For Mankind – Nanotechnology's Journey to Commercialization Conference, Lowell, MA, April 12, 2011.

Sheehan P, Dahlstrom DL. Green building: Finding a better way to assure indoor air quality. American Industrial Hygiene Conference and Exposition 2010, Denver, CO, May 25, 2010.

Goswami E, Cravens V, Dahlstrom DL, Mowat F. Domestic asbestos exposures: A review of epidemiologic and exposure data. American Industrial Hygiene Conference and Exposition 2010, Denver, CO, May 26, 2010.

Dahlstrom DL. Engineering nanomaterials: The time for warnings and labels? AIHA-Pacific Northwest Section, Spring Symposium, Discourses on Safety & Health, Tacoma, WA, April 21, 2010.

Dahlstrom DL. Engineered nanomaterials in the workplace. Day-Pitney and Exponent Joint Webinar: Nanotechnology Products in 2010: What You Need to Know Now About Warning, Labeling & Instruction, Chicago, IL, January 21, 2010.

Dahlstrom DL. Green is: Origins, definitions, organizations and features. Professional Conference of Industrial Hygiene, Academy of Industrial Hygiene, Vancouver, B.C. Canada, October 2–6, 2009.

Dahlstrom DL. Green industrial hygiene practices. Professional Conference of Industrial Hygiene, Academy of Industrial Hygiene, Vancouver, B.C. Canada, October 2–6, 2009.

Dahlstrom DL. 'Building your Green Team' owner, manager, O&M green team skills. National Apartment Association's 1st Annual Green Conference and Exhibition, Phoenix, AZ., April 28–29, 2009.

Dahlstrom DL. Green building: The who, what, and why. WDTL 2009 Annual Construction Law Conference, Seattle, WA, February 26, 2009. Also at OADC 2009 Annual Construction Law Conference, Portland, OR, March 20, 2009.

Dahlstrom DL. Exposure simulations—A winning defense strategy. Washington Defense Trial Lawyers, Asbestos Law Update CLE, Seattle, WA, January 21, 2009.

Dahlstrom DL. Scientific causation—Concepts and applications in industrial hygiene. Northwest Occupational Health Conference, Seattle, WA, October 17, 2008.

Dahlstrom DL. Scientific causation—Concepts and approaches. Oregon and Washington State Bar Associations, Seattle WA, March 19, 2008.

Dahlstrom DL. Silica 101: An introduction to the science and litigation. Exponent's Health Sciences Center, March 12, 2008.

Dahlstrom DL. Toxic mold-the defense expert perspective. Toxic Mold, CLE International, Inc., April 2005.

Dahlstrom DL. Silica-what's the big deal. Construction Section of the Atlanta Bar Association, Atlanta, Georgia, January 26, 2005.

Dahlstrom DL. Silica in the workplace. Georgia Department of Labors Health, Safety and Environment Annual Conference, Atlanta, GA, October 2004.

Dahlstrom DL. Hot topics in toxic tort and environmental law. Toxic Tort and Environmental Litigation in Georgia, National Business Institute (01V2712), Atlanta, GA, January 7, 2004.

Dahlstrom DL. What you should know about mold-technical approach. Atlanta Apartment Association, Atlanta, GA, April 15, 2003.

Dahlstrom DL. Mold assessment methods. Indoor Environmental Quality Awareness Training Course, Horry County Schools, Conway, SC, June 9-13, 2003.

Dahlstrom DL. Risk management & risk communications. Indoor Environmental Quality Awareness Training Course, Horry County Schools, Conway, SC, June 9-13, 2003.

Dahlstrom DL. What you should know about mold-take the proactive approach. Georgia Safety, Health & Environment Conference, Augusta, GA, October 21, 2003.

Dahlstrom DL. Comprehensive avoidance strategies for preventing mold and toxic substance contamination in buildings. Atlanta Bar Association-Construction Section, Atlanta, GA, October 22, 2003.

Dahlstrom DL. Problems with indoor environmental quality. Mid-South Independent Schools Business Officer's Conference, Charleston, S.C., November 9, 2003.

Dahlstrom DL. Pre-litigation strategies and techniques. National Business Institute Seminar on Emerging Issues in Georgia Indoor Air Quality and Toxic Mold Litigation, August 8, 2002.

Dahlstrom DL. Diagnosis of building related illness. National Business Institute Seminar on Emerging Issues in Georgia Indoor Air Quality and Toxic Mold Litigation, August 8, 2002.

Dahlstrom DL. Indoor air quality and microbial contamination. Weissman, Nowack, Curry & Wilco, PC, November 12, 2002.

Dahlstrom DL, Rupkey S. Assessing mold contamination in buildings. Presented at the Georgia Safety, Health, and Environment Conference, Savannah, GA, November 27-28, 2001.

Dahlstrom DL. Group collaboration and cultural challenges—How to use technology to save time and money. Presented at the Internet Advantage Workshop sponsored by the Tennessee Valley Authority and University of Tennessee, Chattanooga, TN, October 17, 1997.

Dahlstrom DL. Healthy commercial building environments. Presented at the Environmental Technologies EXPO, November 7, Atlanta, GA, 1996.

Dahlstrom DL. The new Georgia Superfund: what businesses need to do to comply. Presented at the New Georgia Hazardous Waste Site Response Act Seminar sponsored by the law firm of Troutman-Sanders and Ernst & Young, LLP, May, Atlanta, GA, 1992.

Dahlstrom DL. New environmental and occupational regulations affecting contractors. Presented at the Business Issues Affecting Contractors Seminar sponsored by the law firm of Baker-Worthington and Ernst & Young, LLP, October, Knoxville, TN, 1992.

Dahlstrom DL. Strategic environmental program management. Presented at Environmental Issues Affecting Industries in Georgia Executive Seminar sponsored by Ernst & Young, LLP, November, Atlanta, GA, 1991.

Dahlstrom DL. A case study: pesticide contamination and remediation - an issue that struck too close to home. Presented at HAZWASTE 90 EXPO, May 7-10, Atlanta, GA, 1990.

Dahlstrom DL. RCRA: what every health and safety professional needs to know. Presented at the Hazardous Waste Session, Professional Development Course, American Industrial Hygiene Conference and Exposition, May, Orlando, FL, 1990.

Dahlstrom DL. Heat stress factors. Presented at the OSHA Industrial Hygiene—Basic Course sponsored by Georgia Tech Research Institute, Atlanta, GA, October 5, 1990.

Dahlstrom DL. The future for real estate transactions—Problems and opportunities for attorneys—Due diligence surveys. Presented to the Knoxville Bar Association, April 19, Knoxville, TN, 1990.

Dahlstrom DL. Developing and implementing OSHA's chemical hygiene standard for laboratories. Presented at the Conference for Laboratory Safety sponsored by Georgia Pacific Corporation, Atlanta, GA, January 25, 1990.

Dahlstrom DL, Whiteside BN, Lydick LA. Due-diligence—What is reasonable? Presented at the Real Estate Site Assessments and Environmental Audit Conference sponsored by the Resource Education Institutes, Sturbridge, MA, December 1989.

Dahlstrom DL. The basics of health risk assessment. Presented at the Dispersion Modeling and Risk Assessments for SARA Title III Toxic Chemical Atmospheric Releases Seminar sponsored by Georgia Pacific Corporation, Atlanta, GA, June 6-7, 1989.

Dahlstrom DL. Complying with the USEPA underground storage tank regulations. Presented at the Conference on Environmental Compliance sponsored by the Golf Course Superintendents Association, April 29, Atlanta, GA, 1989.

Dahlstrom DL. Risk assessments in real estate transactions. Presented at the Real Estate Transactions Conference sponsored by the Law Firm of Alston & Bird and Dames & Moore, Atlanta, GA, April 21, 1987.

Dahlstrom DL. Methods for compliance with Sections 311 and 312 of SARA Title III. Presented at the Superfund and Community Right-to-Know Conference sponsored by the Synthetic Organic Chemical Manufacturers' Association, April, New York City, NY, 1987.

Dahlstrom DL. Health and safety issues related to underground storage tank investigations. Presented at the Risk Reduction for Owners/Operators of Underground Storage Tanks Conference sponsored by the law firm of Decker & Hallman and Dames & Moore, Atlanta, GA, 1987.

Dahlstrom DL. Hazardous waste disposal: issues and trends. Presented at the Energen Conference, October, Callaway Gardens, GA, 1986.

Dahlstrom DL, Sherman SJ. Powered air purifying respirators—Applications for hazardous waste site activities. Presented at the American Industrial Hygiene Conference and Exposition, May, Las Vegas, NV, 1985.

Dahlstrom DL, Froebe R. Emergency preparedness during environmental operations. Presented at HAZPRO '85, Baltimore, MD, 1985.

Dahlstrom DL. What surveyors should know about surveying projects involving hazardous wastes. Presented to the Niagara Frontier Land Surveyors Association, Tonawanda, NY, March 1985.

Dahlstrom DL. Polychlorinated Dibenzo-Dioxins (PCDD) in soils—A question of worker protection. Presented at the American Industrial Hygiene Conference and Exposition, Detroit, MI, 1984.

Dahlstrom DL, Moore JB. Emergency preparedness techniques for hazardous waste site activities. Presented at the 8th Inland Spills Conference, Dayton, OH, 1984.

Dahlstrom DL. Dealing with uncertainty: a case of chemical exposure. Presented at the Hazardous Materials Emergency Medical Treatment Symposium, East Lansing, MI, 1982.

Dahlstrom DL, Health and safety programs for the hazardous waste worker. Presented at “Engineering '82,” Buffalo, NY, 1982.

Dahlstrom DL. Working in toxic/hazardous environments—A question of health surveillance. Presented at the 184th National Meeting of the American Chemical Society, Kansas City, MO, 1982.

Fricke R, Dahlstrom DL. A novel approach to reducing hazards of buried tank and drum excavation: case history. Presented at the 184th National Meeting of the American Chemical Society, Kansas City, MO, 1982.

Gartseff GV, Dahlstrom DL. Safety planning for hazardous waste site activities. Presented at the 184th National Meeting of the American Chemical Society, Kansas City, MO, 1982.

Dahlstrom DL. Safety in sampling hazardous materials. Presented at the Graduate Engineering Programs Seminar, State University of New York at Buffalo, Buffalo, NY, 1981.

Dahlstrom DL. Health and safety programs for hazardous waste site workers. Presented at the National Hazardous Waste Training Program, Vanderbilt University, Cleveland, OH, 1981.

Dahlstrom DL. The use of powdered and granular activated charcoal in the treatment of PCB contaminated waters. Presented at the Hazardous Materials Control Conference, Louisville, KY, 1980.

Professional Panels and Interviews

Professional Development Course No. 114. Taking the LEED: Putting the Human Element Back into Green Building, American Industrial Hygiene Conference and Exhibition, Portland, OR, May 14, 2011, Technical Auditor.

ThinkShop No. 6. Green Building Practices: Canada and the U.S., Professional Conference of Industrial Hygiene, American Academy of Industrial Hygiene, Vancouver, B.C., Canada, October 5, 2009.

Professional Development Course No 111. Industrial Hygienists as Experts in Trial and Depositions, Professional Conference of Industrial Hygiene, American Academy of Industrial Hygiene, Tampa, FL, November 8, 2008.

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Dahlstrom DL. Moderator: Occupational safety and health law and the practice of environmental safety and health. Presented by McCord Wilson, Esq., Rader & Campbell, P.C. AIHce, Minneapolis, MN, June 2008.

Dahlstrom DL. Moderator: Mock Trial: Meth lab cleanup. Sponsored by the AIHA Law Committee, AIHce, Minneapolis, MN, June 2008.

Dahlstrom DL. Monitor: Professional Development Course No. 502, Biological Monitoring: A How-To Guide. AIHce 2008, Minneapolis, MN, June 2008.

Mock Trial, Indoor Environmental Quality Assessment, American Industrial Hygiene Conference and Exposition, Philadelphia, PA, June 7, 2007.

Professional Development Course No 111. Industrial Hygienists as Experts in Trial and Depositions, American Industrial Hygiene Conference and Exposition, American Industrial Hygiene Association, Chicago, IL, May 13, 2006.

Professional Development Course No. 1, Industrial Hygienists as Experts in Trial and Depositions, Professional Conference of Industrial Hygiene, American Academy of Industrial Hygiene, San Jose, CA, September 16, 2006.

Mock Trial, Professional Standards of Practice, Professional Conference of Industrial Hygiene, American Academy of Industrial Hygiene, San Jose, CA, September 17, 2006.

Professional Development Course No. 2, Industrial Hygienists as Experts in Trial and Depositions, Professional Conference of Industrial Hygiene, American Academy of Industrial Hygiene, Denver, CO, October 22, 2005.

Mock Trial, Silica Exposure, American Industrial Hygiene Conference and Exposition 2005, American Industrial Hygiene Association, Anaheim, CA, May 12, 2005.

Professional Development Course No. 7, Industrial Hygienists as Experts in Trial and Depositions, Professional Conference of Industrial Hygiene 2004, American Academy of Industrial Hygiene, Montreal, Quebec, Canada, October 2–6, 2004.

Session Arranger, Management/Leadership, American Industrial Hygiene Conference and Exposition, Anaheim, CA, May 20–25, 2004.

Session Arranger, Management/Leadership, American Industrial Hygiene Conference and Exposition, Orlando, FL, May 20–25, 2000.

Session Chair, Management/Leadership II, American Industrial Hygiene Conference and Exposition, Toronto, Ontario, June 5–9, 1999.

Session Arranger, Hazardous Waste Sessions, American Industrial Hygiene Conference and Exposition, Kansas City, MO, May 22–26, 1995.

Session Arranger, Hazardous Waste Sessions, American Industrial Hygiene Conference and Exposition, Anaheim, CA, May 21–27, 1994.

Interview, Feature article on international environmental consulting, with a focus on the issue of sustainable development. GAZETTA MERCANTIL - SP (National Business Journal of Brazil), Rio de Janeiro, Brazil, January 19, 1993.

Interview, Emerging Medical Waste Management Technologies, Modern Healthcare Magazine, March 29, 1993.

Session Arranger, Hazardous Waste Sessions. American Industrial Hygiene Conference and Exposition, New Orleans, LA, May 15–21, 1993.

Executive Briefings Coordinator and Presenter, Deal Makers, Not Deal Breakers. Sponsored by Ernst & Young, LLP and Troutman Sanders. Atlanta, GA, November 18, 1992.

Executive Briefings Coordinator and Presenter, The New Georgia Hazardous Site Response Act—The Impact on Business and Real Estate in Georgia. Sponsored by Ernst & Young, LLP and Troutman-Sanders, Atlanta, GA, May 13, 1992.

Executive Briefings Coordinator and Presenter, Strategic Environmental Management Issues. Sponsored by Ernst & Young, LLP, Atlanta, GA, November 7, 1992.

Guest Lecturer, Topics: Employee Medical Surveillance, Heat Stress, and Confined Spaces. ATSDR 40-Hour HAZWOPR Training Course, Clayton State College, Morrow, GA, November 23 and 25, 1991.

Sessions Coordinator and Presenter, The Innocent Landowner Defense available through the Superfund Amendments of 1986. Executive Briefings to Georgia Power managers and their clients, May 1990.

Interview, Asbestos in Building Materials. CNN NEWSWATCH, July 6, 1988.

Provided Testimony regarding the assessment and refinement of OSHA's Hazardous Waste Worker Protection Standard (29 CFR 1910.120). Provided to USDOL - OSHA committee as a member of the select panel representing the American Industrial Hygiene Association and the American Conference of Governmental Industrial Hygienists, October 1987.

Prepared Testimony regarding OSHA's failure to protect the health and safety of workers at hazardous waste sites. Presented before the Employment and Housing Subcommittee, United States House of Representatives committee on Government Operations investigating, Ninth Report, March 26, 1985.

Panel Moderator, The Effect of Heat on Health and Performance. American Industrial Hygiene Conference and Exposition, Detroit, MI, May 20-25, 1984.

Panel Participant, Heat Stress, American Industrial Hygiene Conference and Exposition, Detroit, MI, May 20-25, 1984.

USEPA Group Member, Produced Interagency Guidance Manual on Uncontrolled Hazardous Waste Sites, Volume 1, 1984.

Sessions Moderator, Hazardous Materials Spill Incidents, Session, 7th Annual Inland Spills Conference, Columbus, OH, 1983.

Interview, Dealing with the Chemically Exposed. Physician's News Network, 1982.

Superfund Work Group Member, Recommendations for an Integrated Health and Safety Program. Document presented to joint USEPA/USCG/NIOSH committee, July, Washington, D.C., 1980.

USEPA Group Member, Guidance Manual for Investigations of Hazardous Waste Disposal Sites, 1980.

Prior Experience

Principal, Environ International Corporation, 2004–2007
Principal, Technical Services, Clayton Group Services, Inc., 1998–2004
President and CEO, Net Dynamics, Inc. 1995–1998
President and CEO, Environmental Dynamics, 1993–1999
Senior Manager, National Practices Group, Ernst & Young, LLP, 1990–1993
Principal-in-Charge, Environmental Hygiene, Dames & Moore, 1986–1990
Corporate Director of Health and Safety, Ecology & Environment, Inc., 1981–1986
Regional Office Manager, Ecology & Environment, Inc., 1979–1981
Analytical Chemist, W.R. Grace & Company, 1976–1977
Quality Control Microbiologist, Cutter Laboratories, 1975–1976
Analytical Chemist, Velsicol Chemical Corporation, 1974–1975

Project Experience

Litigation Support

Mr. Dahlstrom provides a variety of strategic and tactical litigation support services to clients and outside counsel firms throughout the United States. Since 1981, he has actively supported clients in various civil litigation cases brought in Federal, State, and Administrative Court venues. He is experienced in the delivery of expert witness testimony, development of litigation strategies, technical and scientific consultation, preparation of expert reports and affidavits, identification and coordination of expert witness panels, and preparation of multimedia presentations for courtroom demonstrations and evidence presentation. Mr. Dahlstrom is a recognized expert in the areas of industrial hygiene, indoor environmental quality, workplace safety, management systems, environmental contamination, toxic tort, and occupational health and safety issues. He has actively supported Litigation and/or provided testimony involving civil issues before arbitration/mediation boards; USDOL-OSHA; U.S. Federal Court; State

courts including Georgia, Oregon, California, Illinois, Connecticut, Alabama, Louisiana, South Carolina, Michigan, Texas, Arkansas, Alaska, and New York, Washington; and the U.S. House of Representatives Committee on Government Operations.

Mr. Dahlstrom provides experience and expertise in litigation cases related to various environmental health, safety, or management-related issues. He has addressed technical and scientific issues on subjects including: air, water, contaminant migration of chemicals in the environment; vapor intrusion; chemical, physical, and microbial contamination of residential and commercial structures; indoor environmental quality; industrial hygiene; state-of-the-art practices; health risk assessment; scientific causation analysis; risk management; product liability; chemical hygiene; community noise; personal injury; medical surveillance; program management; environmental due-diligence; microbial contamination; building envelope integrity and water intrusion; exterior insulation facing systems (EIFS); mixed-solvent exposures; various materials such as asbestos, silica, lead, chlorinated hydrocarbons, dieldrin/aldrin, chlordane/heptachlor, pyrethrum/resmethrum, malathione, volatile organic compounds, heavy metals, wood treatment chemicals (pentachlorophenol, copper-chromium-arsenate, creosotes); incident response management; hazardous wastes; and corporate reorganization/restructuring.

Indoor Environmental Quality

Mr. Dahlstrom's experience in the field of indoor environmental quality (IEQ) spans a period of 25 years. Mr. Dahlstrom is trained and experienced in the areas of microbiology, toxicology, air contaminant assessment, health hazard evaluation, causation analysis, exposure assessment, building materials assessment, industrial hygiene, and risk assessment. Mr. Dahlstrom applies a "systems science" approach to the assessment and resolution of IEQ and "Green Building Interiors" issues. He performs IEQ surveys, assessments, investigations, and remediation in a variety of residential, commercial/governmental office, academic, and industrial facility settings. These activities result in the identification of various microbial, chemical, and/or physical agents and building material defects affecting occupant health, comfort, and/or performance. He incorporates a "team" approach in the design and implementation of new and existing building construction, renovation, and remediation to accomplish cost-effective, successful solutions to IEQ issues.

Mr. Dahlstrom provides IEQ consulting services to address proactive and reactive concerns. Proactively, has worked with clients in the development of company risk management policies, programs, and procedures that serve to assist in the recognition, evaluation, and control of indoor environmental quality. In the reactive mode, has performed IEQ evaluations following incidents involving natural disasters, fires, water intrusions, building-related illness, third-party claims, insurance claims, and occupant complaints.

Mr. Dahlstrom provides expert consulting and technical support in litigation cases on the topics of moisture intrusion, microbial/chemical exposure assessment, mycotoxins, health risk assessment, Exterior Insulation Facing Systems (EIFS), Building Envelope Integrity Assessment, Professional Standards of Practice, risk management, and indoor environmental quality physical factors (noise, lighting, temperature, relative humidity, ventilation, noise) associated with facility operations.

Liability Prevention and Assessment

Mr. Dahlstrom is experienced in the performance of liability assessments for a variety of purposes. These purposes include corporate risk management, corporate 10-K reporting, corporate-wide assessment and prioritization of Environmental/OHS program management issues on a facility-by-facility basis, or providing an accounting of issues and related costs of remediation for strategic acquisition and divestment purposes or creditor/trustee committees. These liability assessments can be performed in a variety of forms, ranging from corporate program/regulatory compliance audits and environmental due diligence to complete facility operations reviews. Mr. Dahlstrom has designed and performed such assessments for firms in the petrochemical, steel, natural gas pipeline transmission, commercial real estate, and paper and pulp industries.

Industrial Hygiene Programs

As a recognized Certified Industrial Hygienist, Mr. Dahlstrom is experienced in conducting community health, human exposure assessment, workplace hazard identification and characterization, contaminant migration, public health and safety issues. The scope of these assessments includes program management systems and organizational structure, regulatory compliance and record keeping, training program assessment, historical exposure assessment, and the performance of exposure monitoring and assessment of various chemical/physical hazards, causation analysis, and job safety analysis. It is common for the results of these assessments to be used to evaluate the presence and nature of the hazards present, design the appropriate control measures to eliminate the hazards detected, and implement revised program procedures and policies to eliminate future occurrences.

Mr. Dahlstrom is experienced in providing industrial hygiene program assessments for clients in the pharmaceutical, steel, shipbuilding, aluminum, petrochemical, specialty chemical, refinery, telecommunications, dental/medical, paper and pulp, wood treatment processes, commercial facilities and residential development sectors.

Environmental and H&S Systems Management

Mr. Dahlstrom is an experienced senior consultant providing both technical and management services to a variety of industrial, commercial, and government agency clients to develop and implement client-specific Environmental and OHS Management Programs. Typically, each of these programs is designed to provide flexibility to management in application, and management dynamics to allow for growth and operations diversity, yet are structured enough to maintain compliance with respective corporate policies and federal/state regulatory requirements. These programs are designed to be strategic in their focus and proactive in their approach to risk management. In recent years, Mr. Dahlstrom has focused on the design and implementation of corporate “knowledge management” systems. These management systems combine interactive workgroup technologies with management practices to enhance productivity and profitability objectives of the re-engineered corporation, while fully supporting all program requirements.

Science Advisory Boards/Panels

- Scientific Advisory Board Member (2000–2005), Georgia Governor's Conference on Safety, Health, and the Environment
- Scientific Advisory Board Member (1999, 2000, and 2001), Annual Conferences on Contaminated Soils and Water, University of Massachusetts, Amherst and Association for Environmental Health & Science (AEHS)

Professional Affiliations

- American Academy of Industrial Hygiene—AAIH, Diplomat (1987–present)
- American Industrial Hygiene Association—AIHA (1981–present)
- AIHA Hazardous Waste Committee, Member (1981–1988)
- AIHA Hazardous Waste Committee, Chair (1987)
- AIHA Management Committee, AIHCE Sessions Arranger (2000, 2004), Member (1998—present)
- AIHA Law Committee, Secretary (2004–2005); Vice Chair (2005–2006); Chair (2006–2007)
- AIHA Indoor Environmental Quality-Special Interest Group, Chair (2005–2007)
- AIHA Green Building Workgroup, Vice Chair (2009), Chair (2010)
- American Chemical Society (1978–present)
- American Bar Association, Litigation Section, TIPS Section (2003–2010)
- International Hormesis Society (2005–2007)
- New York Academy of Sciences (1984–present)
- Project Safe Georgia (2003)
- Union of Concerned Scientists (2010–present)