

Dr. John H Murphy

BSc MHSc MBA PhD ROH CIH

President - Resource EHS America, Inc. (Boston, USA)

President - Resource Environmental Associates Limited (Toronto and Ottawa, Canada)

Partner – REA Envirohealth International (Barbados)

Adjunct Professor – Dalla Lana School of Public Health, University of Toronto



ACADEMIC CREDENTIALS

- Doctor of Philosophy, University of Toronto, Institute of Health Policy, Management and Evaluation (2015). Thesis title: Corporate Board Health and Safety Governance Committees – Do They Make Any Difference?
- Certificate in Carbon Finance (2007), University of Toronto, Centre for Environment.
- Master of Business Administration (1995), University of Toronto, Rotman School of Management.
- Post-Graduate Studies, Environmental Epidemiology, University of Western Ontario, Faculty of Medicine (Completion of coursework requirements for Ph.D., 1988-1989).
- Master of Health Science (Occupational and Environmental Health), University of Toronto, Dalla Lana School of Public Health (1985). Highest academic average for graduate cohort (ca. 400 students), all Divisions in the School of Graduate Community Health.
- Bachelor of Science, University of Toronto, St. Michael's College (1984).

PROFESSIONAL AND TECHNICAL DESIGNATIONS (CURRENT)

- Member American College of Epidemiology (MACE)
- Certified Industrial Hygienist (CIH), American Board of Industrial Hygiene
- Registered Occupational Hygienist (ROH), Canadian Board of Occupational Hygienists
- Certified Asbestos Supervisor, Ontario Ministry of Training, Colleges and Universities
- Ontario Licensed Pesticide Applicator

PROFESSIONAL ASSOCIATION MEMBERSHIPS

- American College of Epidemiology (2019 to date)
- American Conference of Governmental Industrial Hygienists (2002 to date)
- American Industrial Hygiene Association (2017 to date)
- United Kingdom Institution of Occupational Safety and Health (1997 - 2018)
- Canadian Registration Board of Occupational Hygienists (1991 to date)
- American Board of Industrial Hygiene (1990 to date)

SECURITY CLEARANCES

- Secret (Level II) - Canadian Security and Intelligence Service - 2012 to date
- Enhanced Reliability - Government of Canada PWGSC CIISD - 2006 to date

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CAREER EXPERIENCE

- Founder and President – Resource EHS America, Inc. (2018 to date)
- Occupational Hygiene Advisor – Royal Canadian Mounted Police (contracted, February 2017 – May 2019)
- Occupational Hygiene Advisor – Royal Canadian Navy (contracted, 2011 to date)
- Adjunct Professor – Dalla Lana School of Public Health, University of Toronto (2016 to date)
- Instructor in Occupational Health & Safety and Preventive Medicine – Canadian Forces Health Services Training Centre CFB Borden, and Department of National Defence (2011 to date)
- Partner and Director - Occupational & Environmental Hygiene Consultants Inc. (Barbados) (2005 to date)
- Founder and President - Resource Environmental Associates Limited (1991 to date)
- Manager - Occupational Health, Safety & Workers' Compensation and Occupational Hygienist - Corporation of the City of Toronto (1986 - 1991)
- Occupational Hygienist - Corporation of the University of Toronto (1986 - 1986)
- Occupational Hygiene Consultant - GE Canada (1985 - 1986)

LITIGATION SUPPORT EXPERTISE

- Pesticide exposure and alleged exposure-related illness
- Legionella and Legionnaire's disease outbreaks
- Mold impacts on property and health
- Asbestos impacts on property and health
- Carbon monoxide exposure injuries
- Respiratory illnesses relating to occupational chemical exposures
- Chemical exposures in cases of alleged environmental multifactor illness
- Construction site accidents
- Professional standards and negligence in occupational and environmental health
- Defence of occupational health and safety statutory prosecutions

SERVICE TO THE PROFESSION

- Voting Member – Standing Committee on Hazardous Materials and Activities, National Research Council of Canada (October 2019 – October 2022)
- Full Member – Opioid Working Group, American Industrial Hygiene Association (June 2018 to date)

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- Corresponding Member – Cannabis Working Group, American Industrial Hygiene Association (June 2018 to date)
- Member – Academic Accreditation Committee, American Industrial Hygiene Association (June 2018 to date)
- Grantor – The Dr. Andrea Sass-Kortsak Doctoral Studies Award, University of Toronto (2016)
- Centre for Research Expertise in Prevention of Musculoskeletal Disorders – Member, Advisory Board (2009 - 2012)
- Grantor – The Richard J Helmeste Memorial Award, University of Toronto (2001)
- Ontario Workplace Safety and Insurance Board Occupational Disease Consultation Group - Member, representing the petroleum sector (2001 - 2002)
- Canadian Registration Board of Occupational Hygienists - Member - Examinations Committee (1992 - 2002)
- Canadian Society of Safety Engineering - Director and Executive Manager (1993 - 1997)
- Business Council on Occupational Health and Safety in Ontario - Co-Founder, Administrator and Policy Advisor, (1991 - 1995)
- Occupational Health and Safety Law Reports (Journal) - Member - Editorial Advisory Board (1991 - 1994)
- Carswell/Thomson Professional Publishing - Member - Conference Advisory Board (1990 - 1993)
- Joint Steering Committee on Hazardous Substances in the Workplace - Member and Technical Advisor to the Employer Caucus (1987 - 1994)
- Occupational Hygiene Association of Ontario - Newsletter Editor (1986 - 1990)

ACADEMIC ADMINISTRATIVE SERVICE

- Member – Dean’s Campaign Cabinet, Dalla Lana School of Public Health (2013 - 2016)
- Member – Education Committee, Dalla Lana School of Public Health (June 2017 to date)

COMMUNITY SERVICE

- Our Lady Queen of the World Church - Church Organist (2009 - 2017)
- Member of Parish Council, St. Mary's Roman Catholic Church (2005 - 2007)

AWARDS AND HONOURS

- Robert A. Richardson Award for Excellence in International Business Studies, University of Toronto Rotman School of Management, and Canadian Exporter's Association (1994).

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- Warren A. Cook Award for Best Published Paper, American Industrial Hygiene Association (1992), for: Sass-Kortsak AM, JT Purdham, JH Murphy, Bozek PR. Exposure of hospital operating personnel to potentially harmful environmental agents. American Industrial Hygiene Association Journal, Volume 53, Issue 3, pages 203 - 209, 03/01/1992.
- Donald T. Fraser Memorial Medal (Awarded to the graduate combining marks in the top 1% with faculty judged potential for significant future professional contribution), University of Toronto, Graduate School of Community Health, Faculty of Medicine (1986).
- Open Fellowship, University of Toronto (1985).
- Professional Training Bursary, Ontario Ministry of Labour (1984, 1985).
- Ontario Graduate Scholarship, Ontario Ministry of Training, Colleges and Universities (1984, 1985).

PEER REVIEWED PUBLISHED RESEARCH PAPERS AND MONOGRAPHS

- Kooger J, Ciccotelli W, Schertzberg R, Rocchi A, Vona F, Parkinson J, Vanderlaan K, Murphy JH, Richardson, S. Occupational Illness amongst Laboratory Workers from an Initially Unrecognized Laboratory Exposure to *Coccidioides immitis/posadasii*. American Journal of Infection Control , Volume 41 , Issue 6 , S78 - S79, 2013.
- Murphy, JH and Almosnino, S. "A Scoping Study on Occupational Health and Safety Issues in Dilbit and Synbit Spill Response". Internal contract report to Environment Canada, March 2015.
- Murphy JH, and Isber, K. The Environmental Hazards of Biofuels Production in Canada. Produced for Environment Canada, Environment Canada Report, March 2010.
- Murphy, JH. Best Practices - Vibration at the Worksite. Government of Alberta Department of Employment and Immigration, Queen's Printer, February 2010.
- Murphy JH, and Gowland, JA. Protecting Personnel from Pandemic Influenza. Report produced for the Ontario Ministry of Government Services, Government of Ontario, December 2008.
- Murphy, JH. The Ontario Confined Space Compliance Guidebook. Thomson Professional Publishing, ISBN-13: 978-0-459-28284-4, 2006.
- Murphy, JH. The Federal Employers Health and Safety Manual. Thomson Professional Publishing, ISBN 0-459-56287-8, 1996.
- Sass-Kortsak AM, JT Purdham, JH Murphy, Bozek PR. Exposure of hospital operating personnel to potentially harmful environmental agents. American Industrial Hygiene Association Journal, Volume 53, Issue 3, pages 203 - 209, 03/01/1992.

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CONFERENCE PRESENTATIONS AND MEDIA APPEARANCES

- Murphy, J.H. Fentanyl and Analogues – Occupational Exposure Hazards and Protection. Accepted for presentation at the American Industrial Hygiene Conference, Atlanta USA, May 2020.
- Murphy, J.H. Cannabis Legalization – Workplace Health and Safety Implications. Accepted for presentation at the American Industrial Hygiene Conference, Atlanta USA, May 2020.
- Murphy, J.H. Occupational Hygiene Ethics 1 and 2. Accepted for presentation at the American Industrial Hygiene Conference, Atlanta USA, May 2020.
- Murphy, J.H. Fentanyl and Analogues – Occupational Exposure Hazards and protection. American Industrial Hygiene Association Florida Chapter Fall Symposium, Orlando USA, Friday October 18, 2019.
- Murphy, J.H. Board EHS Committees – Do They Make Any Difference? American Industrial Hygiene Conference, Minnesota USA, Tuesday May 21, 2019.
- Murphy, J.H. An Innovative Method for Qualification of Military Occupational Hygienists. American Industrial Hygiene Conference, Minnesota USA, Tuesday May 21, 2019.
- Murphy, J.H. A Review of the Evolution of Occupational Hygiene Masters Program Curricula – 1970s to Date. American Industrial Hygiene Conference, Minnesota USA, Tuesday May 21, 2019.
- Murphy, J.H. Fentanyl and Analogues – Occupational Exposure Hazards and Protection. American Industrial Hygiene Conference, Minnesota USA, Tuesday May 21, 2019.
- Murphy, J.H. Cannabis Legalization – Workplace Health and Safety Implications, Professional Development Course 402. American Industrial Hygiene Conference, Minnesota USA, Sunday May 19, 2019.
- Murphy, J.H. Fentanyl and High Potency Drugs Operational Safety, Professional Development Course 102. American Industrial Hygiene Conference, Minnesota USA, Saturday May 18, 2019.
- Murphy, J.H. Fundamentals of Fentanyl for Occupational Hygienists. Occupational Hygiene Association of Ontario. 2017 OHAO Fall Symposium, October 2017.
- Harris, J., McKellar, K., Yoon, R., Murphy, J.H., Hancock-Howard, R., Coyte, P. Cost-utility Analysis of Automated External Defibrillators in Office Settings. Canadian Association for Health Services and Policy. Canadian Association for Health Services and Policy Research Conference, Toronto, Ontario, May 2014

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- Harris, J., McKellar, K., Yoon, R., Murphy, J.H., Hancock-Howard, R., Coyte, P. Cost-utility Analysis of Automated External Defibrillators in Office Settings as an Occupational Health and Safety Intervention. Canadian Public Health Association. Canadian Public Health Association Conference, Toronto, Ontario, May 2014
- Murphy, J.H. Investigation of a Mysterious Outbreak of Occupational Dermatitis. Occupational Hygiene Association of Ontario. 2013 OHAO Fall Symposium, October 2013.
- Ciccotell, W., Schertzberg, R., Rocchi, A., Vona, F., Kooger, J., Parkinson, K., Vanderlann, J., Murphy, J.H., Fuller, J., Richardson, S.E. Occupational Illness Amongst Laboratory Workers from an Initially Unrecognized Laboratory Exposure to *Coccidioides immitis/posadasii*. Conference of the Association for Professionals in Infection Control and Epidemiology, Fort Lauderdale, FL, June 8-10, 2013.
- Murphy, J.H. Lessons in Legionella. Public Health Ontario. Professional Development Day - Eastern Ontario Public Health Units, October 28, 2012.
- Murphy, J.H. Preventing Legionella Contamination and Legionnaires Outbreaks in Long Term Care. York Region Public Health. Seminar for York Region Long Term Care and Residential Care Facilities, October 17, 2012.
- Murphy, J.H. H1N1 – The Second Wave. American Industrial Hygiene Association. Telweb Event, October 2009.
- Murphy, J.H. Protecting Personnel from Pandemic Influenza. American Industrial Hygiene Association. AIHCE Toronto '09, May 2009.
- Murphy, J.H. Lesson's In Legionella. Occupational Hygiene Association of Ontario. Fall Symposium, September 2007.
- Murphy, J.H. Joint Health and Safety Committees - Are they Effective. Southam Information Services. OSH '97 Conference and Exhibition, October 1997.
- Murphy, J.H. The Government's New Directions in OH&S Policy. Southam Information Services. OSH' 96 Conference and Exhibition, October 1996.
- Murphy, J.H. Where Toxic Substance Regulation Seems to be Going -- Nowhere. Canadian Manufacturers of Chemical Specialties. Annual Conference, June 1995.
- Murphy, J.H. Accreditation, Workwell and Employer Incentive Programs. Health and Safety in the Municipal Workplace, March 1995.
- Murphy, J.H. Certification and the Workplace Health and Safety Agency. Carswell Publishing. Certification and the Workplace Health and Safety Agency Conference, November 1993
- Murphy, J.H. Common Features in Excellent OHS Programs. Health and Safety in the Municipal Workplace, June 1993.

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- Murphy, J.H. Future Trends in Health & Safety in Ontario. Ontario Government Human Resources Council. Annual Symposium, June 1993.
- Murphy, J.H. Health & Safety Policy in Ontario - Management Implications. Carswell Publishing. Carswell BCOHS Seminar on OHS Public Policy in Ontario, June 1993.
- Murphy, J.H. Environment, health and safety policy implications of current economic constraints. Health and Safety Human Resources Council of the Ontario Government. Annual Symposium, May 1993.
- Murphy, J.H. Television interview: Christina Pockmursky with John Murphy, Consultant, and Tim Millard, Assistant Deputy Labour Minister on the subject of the Workplace Health and Safety Agency. TV Ontario. Business Week, April 1, 1992.
- Murphy, J.H. How to Perform (and Pass) a Workwell Audit. The Centre for Professional Learning. NEER and Workwell Seminar, March 3, 1992.
- Murphy, J.H. Update on the Joint Steering Committee on Hazardous Substances in the Workplace. Canadian Manufacturers of Chemical Specialties Association. Annual Symposium, January 21, 1992.
- Sass-Kortsak A.M., J.T. Purdham, J.H. Murphy, P.R. Bozek. Factors influencing exposure of operating room nurses and anaesthetists to anaesthetic gases and vapours, methylmethacrylate and X-radiation. American Industrial Hygiene Association. AIHCE Salt Lake City 1991, June 1991.
- Murphy, J.H. Organizational Aspects of OHS Program Implementation. Richard De Boo /Thomson Professional Publishing. Seminar - Implementing Bill 208, May 28, 1991.
- Murphy, J.H. Practical Advice on Conducting a Health & Safety Audit. Richard De Boo /Thomson Professional Publishing. Seminar - Implementing Bill 208, May 28, 1991.
- Murphy, J.H. Practical Advice on Conducting a Health & Safety Audit. The Centre for Professional Learning. Occupational Health & Safety: Bill 208 and Employer Issues, November 1, 1990.
- Paull M.J., Murphy J.H. A Hazardous Materials Information System for University of Toronto Medical Laboratories. American Industrial Hygiene Association. AIHCE Montreal '87, June 1987.

OCCUPATIONAL HEALTH AND SAFETY PUBLIC POLICY PAPERS

- Murphy, J.H. Accreditation: The Past, Parallels and Prospects. Report No. 95-1, Business Council on Occupational Health and Safety in Ontario, April, 1995. [This paper formed the basis for the current legislative policy on accreditation in Ontario under the *Occupational Health and Safety Act*].
- Murphy, J.H. Strategic Directions for the Ontario Ministry of Labour. Report No. 94-1, Business Council on Occupational Health and Safety in Ontario, 1994.

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- Murphy, J.H. Occupational Health & Safety in Ontario: A Time for Reflection and Reform. Report 93-1 of the Business Council on Occupational Health and Safety in Ontario, April, 1993. [This paper influenced the subsequent Ontario Conservative Party government to implement a variety of reforms to the *Occupational Health and Safety Act* and *Workplace Safety and Insurance Act*, and to focus the Ontario Ministry of Labour on high impact workplace accident outcomes.]

PUBLISHED TECHNICAL PAPERS (NOT PEER REVIEWED)

- Harris J.R, Murphy J.H. Social Housing and the Constructor's Hat. Institute of Housing Management IHM News, Spring, 2010.
- Murphy, J.H. Update: Generic Hazardous Substances Regulation. Health in the Workplace, Volume 6, Number 10, 1993.
- Murphy, J.H. Generic Hazardous Substances Regulation Approaches. Occupational Health and Safety Law Reports, Volume 5, Number 3, 1993.
- Murphy, J.H. Certified Members: A Critique of the Workplace Agency's Certification Core Training. Occupational Health and Safety Law Report, Volume 4, Number 2, 1992.
- Murphy, J.H. Purchasing Practices in Health & Safety Management. Health in the Workplace, Volume 5, Number 8, 1992.
- Murphy, J.H. Business Unprepared for Role in Bipartite System. Health in the Workplace, Volume 5, Number 12, 1992.
- Murphy, J.H. Significant changes imminent to Workplace Hazardous Substances Regulations in Ontario. Canadian Environmental Regulation & Compliance News, Volume 3, Number 8, 1992.
- Murphy, J.H. Let's Start Thinking About Accreditation. Occupational Health and Safety Law Report, Volume 4, Number 1, 1991.
- Smith, M.D., and Murphy, J.H. Hazardous to Your Health: The Cost of New Toxic Substance Regulations May be Tough for Ontario Employers to Swallow. Human Resources Professional, November, 1991.
- Murphy, J.H. Ministry Re-organization. Occupational Health & Safety Law Review, Volume 3, Number 4, 1991.

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SIGNIFICANT OCCUPATIONAL HEALTH AND SAFETY TEACHING EXPERIENCE

- Canadian Armed Forces and Department of National Defence - Safety Management Course, Hazardous Occurrence Investigation Course, Occupational Health Course - Canadian Forces Officers, NCMs, DND Supervisors and Managers (2011 to date).
- Canadian Forces Health Services Training Centre, CFB Borden – Preventive Medicine QL6A Occupational Health Qualification Course, primary instructor, (several serials, 2005 date).
- Canadian Forces Health Services Training Centre, CFB Borden – Preventive Medicine QL5A Public Health Qualification Course (IAQ and noise instructor, 2017, 2018, 2019).
- Course Supervisor (Directed Reading Course), University of Toronto, Dalla Lana School of Public Health – CHL7001H (Fall 2019).
- Course Co-Supervisor (Directed Reading Course), University of Toronto, Dalla Lana School of Public Health – HAD7001H (Fall 2018 - Summer 2019).
- Contributing Instructor: University of Toronto, Dalla Lana School of Public Health - CHL 5914H - Physical Agents I – Noise & Vibration - MHSc / MSc / MPH Graduate Candidates (2010 – 2016).
- Contributing Instructor: University of Toronto, Dalla Lana School of Public Health - CHL 5904H - Perspectives in Occupational Health and Safety - Legal and Social Context - MHSc / MSc / MPH/ PhD Graduate Candidates (2007 - 2017).
- Guest Instructor – University of Toronto, Dalla Lana School of Public Health – CHL 5902H - Advanced Occupational Hygiene - MHSc / MSc / MPH/ PhD Graduate Candidates (2016 – 2018).
- Resource Environmental Associates Limited - Delivery of thousands of hours of instruction to hundreds of client organizations and more than 10,000 individuals (1996 to date).
- University of Toronto Dalla Lana School of Public Health - Summer Practicum Supervisor for MHSc / MPH Candidates (> 15 students) - MHSc / MPH Candidates (1987 to date).

SPECIFIC EXAMPLES OF CLIENT AND PROJECT EXPERIENCE

Available upon request.

- End -