

## **ACADEMIC CREDENTIALS**

- Doctor of Philosophy, University of Toronto, Dalla Lana School of Public Health (2015).
- 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).
- 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**

- Association of Professionals in Infection Control and Epidemiology (2020 to date)
- 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)

## **UNITED STATES WORK AUTHORIZATION**

- E-2 Treaty Investor Visa

## SECURITY CLEARANCES

- Secret (Level II) – Government of Canada, Canadian Security and Intelligence Service (2012 to 2032).
- Enhanced Reliability - Government of Canada, PWGSC CIISD (2006 to date).

## CAREER EXPERIENCE

- Managing Principal & CEO – CrossSafety Group (January 2023 to date) [www.crosssafety.ca](http://www.crosssafety.ca)
- Founder and President – Dr JH Murphy Consulting Ltd (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 2023-08)
- Instructor in Preventive Medicine – Canadian Forces Health Services Training Centre CFB Borden, and Department of National Defence (2005 to date)
- Partner - Occupational & Environmental Hygiene Consultants Inc. (Barbados) (2005 to date)
- Founder and President - Resource Environmental Associates Limited (1991 to 2025)
- 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)

## SERVICE TO THE PROFESSION

- Member, Chemical Substances TLV Committee, American Conference of Governmental Industrial Hygienists (January 2023 to date).
- Member Candidate, Chemical Substances TLV Committee, American Conference of Governmental Industrial Hygienists (January 2021 to December 2022).
- Peer Reviewer, University of Toronto Medical Journal (2020).
- Peer Reviewer / Editor – “Workplaces and COVID-19: Occupational Health and Safety Considerations for Reopening and Operating During the Pandemic”, Monograph published by the Canadian Standards Association, September 21, 2020.

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- Voting Member – Standing Committee on Hazardous Materials and Activities, National Research Council of Canada (October 2019 – October 2021).
  - Voting Member – Opioid Working Group, American Industrial Hygiene Association (June 2018 to date).
  - Corresponding Member – Cannabis Working Group, American Industrial Hygiene Association (June 2018 to date).
  - Corresponding 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 Helmeeste 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 October 2021)

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## **SIGNIFICANT TEACHING EXPERIENCE – UNIVERSITY OF TORONTO**

- University of Toronto Dalla Lana School of Public Health – CHL6000 Summer Practicum Supervisor for MHSc / MPH (41 students, 1987 to date). Most recently employed and supervised students: Kayati Patel (2021); Jordan Cabral (2020); Cyrus Lee (2020); Lt(N) Joanna Kriese (2019); Lt(N) Ali Burton (2018).
- Course Supervisor (Directed Reading Course), University of Toronto, Dalla Lana School of Public Health – CHL7001H (Fall 2018, Fall 2019).
- Course Co-Supervisor with Prof. Adalsteinn Brown, (Directed Reading Course), University of Toronto, Institute for Health Policy, Management and Evaluation – 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 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 Candidates (2007 - 2017).
- Guest Instructor – University of Toronto, Dalla Lana School of Public Health – CHL 5902H - Advanced Occupational Hygiene - MHSc / MSc / MPH / PhD Candidates (2016 – 2018).

## **SIGNIFICANT TEACHING EXPERIENCE – CANADIAN ARMED FORCES**

- Canadian Forces Health Services Training Centre, CFB Borden – Preventive Medicine QL6A Occupational Health Qualification Course, instructor for 75% of 450 hr, 65-day duration course (2005, 2007, 2010, 2013, 2015, 2018, 2020, 2024).
- Canadian Forces Health Services Training Centre, CFB Borden – Preventive Medicine QL5A Public Health Qualification Course (IAQ and noise instructor, 2017, 2018, 2019).
- 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 2020).

## **PEER REVIEWED PUBLISHED RESEARCH PAPERS, LETTERS AND MONOGRAPHS**

- Murphy, J.H. Letter – What was Measured Doesn't Matter: Comment on Walach H, Weikl R, Prentice J, et al. Experimental Assessment of Carbon Dioxide Content in Inhaled Air With or Without Face Masks in Healthy Children: A Randomized Clinical Trial. *JAMA Pediatr.* Published online June 30, 2021. doi:10.1001/jamapediatrics.2021.2659.

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- Murphy, J.H. Letter – Near vs. Far Field Exposure: Comment on Allen JG, Ibrahim AM. Indoor Air Changes and Potential Implications for SARS-CoV-2 Transmission. *Journal of the American Medical Association*. Published online April 16, 2021. doi:10.1001/jama.2021.5053.
  - Murphy, J.H. “Air Quality in Indoor Environments – A Technical Guide”. Monograph originally to be published in 2021 by Health Canada. Publication delayed by pandemic.
  - Murphy, J.H. Case Report - Possible Manufacturing Workplace Transmission of COVID-19. *Canadian Journal of Infection Control*, Volume 35, Issue 3, Fall 2020.
  - Murphy, J.H. Letter - Correction of Error on Droplet Aerodynamic Behaviour: Comment on Klompas M, Baker MA, Rhee C. Airborne Transmission of SARS-CoV-2: Theoretical Considerations and Available Evidence. *Journal of the American Medical Association*. Published online July 13, 2020. doi:10.1001/jama.2020.12458.
  - Murphy, J.H. Letter - Misinformation on Face Shield Efficacy: Comment on Perencevich EN, Diekema DJ, Edmond MB. Moving Personal Protective Equipment Into the Community: Face Shields and Containment of COVID-9. *Journal of the American Medical Association*. 2020;323(22):2252–2253. doi:10.1001/jama.2020.7477.
  - Murphy, J.H. Letter - Review Article: Personal protective equipment during the coronavirus disease (COVID) 2019 pandemic – a narrative review. *Anaesthesia*, Volume 76, June 4, 2020. doi:10.1111/anae.15145.
  - Kooger J, Ciccotelli W, Schertzberg R, Rocchi A, Vona F, Parkinson J, Vanderlaan K, Murphy J.H., 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, J.H. 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 J.H., and Isber, K. The Environmental Hazards of Biofuels Production in Canada. Produced for Environment Canada, Environment Canada Report, March 2010.
  - Murphy, J.H. Best Practices - Vibration at the Worksite. Government of Alberta Department of Employment and Immigration, Queen's Printer, February 2010.
  - Murphy J.H., and Gowland, JA. Protecting Personnel from Pandemic Influenza. Report produced for the Ontario Ministry of Government Services, Government of Ontario, December 2008.
  - Murphy, J.H. The Ontario Confined Space Compliance Guidebook. Thomson Professional Publishing, ISBN-13: 978-0-459-28284-4, 2006.

- Murphy, J.H. The Federal Employers Health and Safety Manual. Thomson Professional Publishing, ISBN 0-459-56287-8, 1996.
- Sass-Kortsak AM, JT Purdham, J.H. 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.

#### 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).
- Warren A. Cook Award for Best Published Paper, American Industrial Hygiene Association (1992), for: Sass-Kortsak AM, JT Purdham, J.H. 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).

#### CONFERENCE PRESENTATIONS AND MEDIA APPEARANCES

- Murphy, J.H. Perspectives on Occupational Hygiene Ethics. Invited spring symposium presentation, Occupational Hygiene Association of Ontario, March 25, 2021.
- Murphy, J.H. Case Report - Possible Manufacturing Workplace Transmission of COVID-19. Invited fall symposium presentation, Occupational Hygiene Association of Ontario, October 22, 2020.
- Murphy, J.H. COVID-19 – Implications for Occupational Hygiene Advice and Actions. Invited spring presentation, Occupational Hygiene Association of Ontario, May 28, 2020.

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- Murphy, J.H. Fentanyl and Analogues – Occupational Exposure Hazards and Protection. Accepted for presentation at the American Industrial Hygiene Conference, Atlanta USA, May 2020. Not presented - cancellation of conference due to COVID-19 outbreak.
  - Murphy, J.H. Cannabis Legalization – Workplace Health and Safety Implications. Accepted for presentation at the American Industrial Hygiene Conference, Atlanta USA, May 2020. Not presented - cancellation of conference due to COVID-19 outbreak.
  - Murphy, J.H. Occupational Hygiene Ethics 1 and 2. Accepted for presentation at the American Industrial Hygiene Conference, Atlanta USA, May 2020. Not presented - cancellation of conference due to COVID-19 outbreak.
  - 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., Tam, J.M. 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. Lessons 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.
- 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.
- 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)**

- Murphy, J.H. Update on Evidence for Aerosol Transmission of COVID-19 and Implications for Health Care Worker Respiratory Protection, October 7, 2020. Health Sciences Association of British Columbia.
- Murphy, J.H. Respiratory Protection for Health Care Workers Caring for COVID-19 Patients, March 2020. Health Sciences Association of British Columbia.
- Harris J.R, Murphy J.H. Social Housing and the Constructor’s Hat. Institute of Housing Management IHM News, Spring, 2010.
- Murphy, J.H. Advisory Report for the Health Sciences Association of British Columbia and the National Union of Public and General Employees on Respiratory Protection During Care of Influenza Patients. September 2009.
- Murphy, J.H. Protecting Personnel from Pandemic Influenza in Non-Health Sector Work Places, prepared for the Ontario Ministry of Government Services, Contract Reference number OSS-075527. August 2008.
- 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.

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- 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.

#### **DISCLOSED LITIGATION SUPPORT EXPERT ENGAGEMENTS**

- Civil litigation relating to alleged health effects from chemical exposures. Engaged by counsel for the defendants (Kronick Moscovitz Tiedemann Girard), January 2024. *Martinez et al v. Board of Trustees of the California State University et al.* Sacramento County No. 34-2018-0233222. Case settled.
- Civil litigation relating to alleged health effects from chemical exposures. Engaged by counsel for the defendant (Fullerton Beck LLP), December 2023. *Talignani vs. Kingsway Exterminating Co. Inc.* Supreme Court of the State of New York. Expert report produced.
- Civil litigation relating to mold damage to commercial goods. Engaged by counsel for the plaintiff (Silverman Shin & Byrne PLLC), March 2023. *Stallion Inc. v Navigator.* Supreme Court of the State of New York. Case settled.
- Proposed class action litigation relating to COVID-19 pandemic harm to residents and family members of eight care facilities in British Columbia owned or operated by Revera Inc. and affiliated entities, October 2022. Engaged by Slater Vecchio LLP, Vancouver, BC, Canada. Expert report produced. Case discontinued.
- Civil litigation relating to alleged mold health impairment from workplace exposure. Engaged by U.S. Attorney for District of Maryland, U.S. Department of Justice (defendant), February 2022. Baltimore, MD, USA. Expert report produced. Case settled.
- Civil litigation relating to mold real property damage and health impacts. Engaged by counsel (Heinlein Beeler Mingace & Heineman) for the plaintiff, November 2021. Framingham, MA, USA. Expert report produced. Case settled.

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- Rostered asbestos exposure assessment expert. Engaged by counsel (Biedermann Hoenig Semprevivo PC) for a major North American automobile company, March 2021. New York NY, USA.
  - Civil litigation relating to KN95 respirators. Engaged by counsel (Armbrust & Brown PLLC) for the defendant corporation. Expert report produced, March 2021. Texas and Florida, USA. Case discontinued.
  - Judicial urgent review application filed February 25 2021 seeking changes to Ontario Provincial Medical Officer of Health directives on SARS-CoV-2 respiratory protection for health care workers. With consent, expert report prepared for Manitoba Nurses Union in November 2020 filed by Ontario Nurses' Association in support of application. Toronto, Canada.
  - Application for class action certification relating to alleged causation of non-Hodgkin's lymphoma by exposure to Roundup® herbicide. Engaged by counsel (Torys LLP) for the defendant corporations. Expert reports produced, January and June 2021. Toronto, Canada.
  - Dispute between Porter Airlines and Nieuport Aviation relating to the implications of the COVID-19 pandemic for infection transmission risks at Billy Bishop Toronto Centre Airport and commercial liability implications. Engaged by counsel for Nieuport (Osler LLP). Expert reports produced, September – November 2021. Toronto, Canada. Trial testimony given February 2022. \$130 million judgement in favour of Nieuport, October 19, 2022.
  - Labour arbitration relating to asbestos management practices at various facilities of the Toronto District School Board. Engaged by counsel (Dewart Gleason LLP) for the complainant (Canadian Union of Public Employees Local 4400). Expert report produced, January 2021. Mediation settlement. Toronto, Canada.
  - Labour arbitration relating to COVID-19 respiratory protective measures for nurses in clinical, community care and non-care workplace settings. Engaged by in-house counsel for complainant (Manitoba Nurses Union). Expert report produced, November 2020. Mediation settlement. Winnipeg, Canada.
  - Labour arbitration relating to COVID-19 infection prevention and control measures for nurses and breach of mediation agreement. Engaged by counsel (Myers LLP) for complainant (Manitoba Nurses Union). Expert report produced, November 2020. Mediation settlement. Winnipeg, Canada.
  - Labour arbitration relating to worker termination for unsafe behaviour in the workplace. Engaged by counsel (Norton Rose Fulbright LLP) for respondent, March to September 2020. Toronto, Canada. Expert report produced. Mediation settlement late 2020.

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- Labour arbitration and civil litigation relating to COVID-19 infection prevention and control measures in residential care homes and public hospitals. Engaged by counsel (Cavalluzzo LLP) for complainant / plaintiff (Ontario Nurses Association). Expert report produced. Mediation settlement of labour complaint. Court judgement in favour of plaintiff. March-May 2020. Toronto, Canada.
  - Labour arbitration relating to COVID-19 infection prevention and control measures in residential care homes and public hospitals. Engaged by counsel (Myers LLP) for complainant (Manitoba Nurses Union). Expert report produced. Mediation settlement. May-June 2020. Toronto, Canada.
  - Civil litigation relating to intellectual disability allegedly caused by exposure to lead paint. Engaged by plaintiff's counsel (Stephen M. Cantor, P.C.), July 2020 to date (active). Expert reports produced. New York NY, USA.
  - Civil litigation (2 complaints) relating to illness allegedly caused by property mold contamination. Engaged by plaintiff's counsel (Kelly Souza Rocha & Parmenter, P.C.), October 2019 to date (active). Expert reports produced. Case settled. Providence RI, USA.
  - Civil litigation and statutory prosecution (2 separate matters) relating to alleged crop damage caused by spray drift of Roundup® herbicide. Engaged by defence counsel (Killian B. May, Barrister and Solicitor), December 2019 to date (active). Expert reports produced on adequacy of technical investigation by regulatory agency, qualifications of Crown's expert, and consistency of plaintiff's claims with pesticide characteristics and drift behaviour. Greater Toronto Area, Canada. Charges dropped and civil litigation terminated early 2022.
  - Civil litigation relating to personal injury caused by carbon monoxide poisoning in residence. Engaged by plaintiff's counsel (Howie Sacks & Henry LLP), January 2019. Expert report produced. Case settled. Toronto, Canada.
  - Rostered exposure assessment expert, toxic tort litigation pertaining to Roundup®. Engaged by defence counsel (Hollingsworth LLP), June 2019 - present. Washington DC, USA.
  - Civil litigation relating to mold-related property damage caused by construction defects. Engaged by plaintiff's counsel (Robins Kaplan LLP), May 2019. Expert reports produced. Case concluded fall 2022. Boston MA, USA.
  - Civil litigation (9 complaints) relating to alleged Legionnaire's disease caused by hotel water system. Engaged by defence counsel (Getman Schulthess Steere & Poulin P.A), August 2018 to date (active). Expert reports produced. Deposed October 2021. Settled early 2022. Manchester NH, USA.

- Civil litigation relating to personal injury on construction site. Engaged by defence counsel (Nelligan O’Brien Payne LLP), 2017 – 2021. Expert reports produced. Settled late 2021. Ottawa, Canada.
- Civil litigation relating to personal injury from chlorine overexposure at public indoor swimming pool. Engaged by plaintiff’s counsel (Rasmussen Starr Rudy LLP), 2017 – 2019. Expert report produced. Settled 2019. Ottawa, Canada.

**COURT EXPERT TESTIMONIAL RECORD – PRIOR 4-YEAR PERIOD**

- September 8, 2023. Discovered in *Kubicek v. Revera Inc. et al, Supreme Court of British Columbia File No. VLC-S-S-218980.*
- April 24, 2023. Deposed in *Karen Delorme-Barton v. Monsanto Company, Case No. MDL No. 3:16-md-02741-VC / Case No. 3:18-cv-01427.*
- September 20, 2022. Trial testimony in *Olutade Okediji and Ruth Okediji vs. Thomas J. Cataldo Individually and as Trustee of Cole Family Trust, Commonwealth of Massachusetts Middlesex County, Case No. 1881cv00845.*
- February 9, 2022. Trial testimony in *Porter Airlines Inc. et al v. Nieuport Aviation Infrastructure Partners LP, Ontario Superior Court of Justice, Court File No. CV-20-00651807-00CL.*
- October 28, 2021. Deposed in twelve combined actions, *Multiple Individual Plaintiffs v. Sands Resort Management Co., Inc., et al, State of New Hampshire Rockingham County Superior Court, various Court Docket Numbers.*
- September 23, 2021. Discovered in *Jeffrey Deblock and Monsanto Canada ULC, Monsanto Company and Bayer Inc., Ontario Superior Court of Justice, Court File No. 699/19.*
- September 16, 2021. Deposed in *Timothy Constantine v. Monsanto Company et al, United States District Court, Northern District of California, MDL No. 2741 Case No. 16-md-02741-VC.*
- September 2, 2021. Deposed in *Beth Spector and Chuck Spector, wife and husband, v. Monsanto Company, United States District Court, Northern District of California, MDL No. 2741, Case No. 3:20-cv-05532.*

- End -