

Vladimir (Val) Chlistovsky

B.A.Sc., CFEI, CVFI, CCFI-C, P. Eng.



120 Watline Avenue
Unit 8
Mississauga Ontario

EDUCATION

Bachelor's Degree of Applied Science (Industrial Engineering), University of Toronto, 1989

ADDITIONAL COURSES

- “Solving the Unsolvable” | Spontaneous Heating | Chemical Fires | Farm Buildings | Garages and Equipment | Electrical Faults, CAFI – Ontario Chapter, 2019
- “JUST ADD GAS??” Investigation and Identification of Incendiary Fires, CAFI – Ontario Chapter, 2018
- Surviving a 1033 Challenge with guest speaker John Lentini, IAAI – Ontario Chapter, 2018
- Advanced Fire Dynamics, Arc Mapping, and Ventilation, CAFI – Ontario Chapter, 2017
- Investigations? Get it Right! Don’t get Burned – Fire Dynamics, Effects of Ventilation, CAFI – Ontario Chapter, 2016
- Hell’s Kitchens – Commercial and Residential Kitchen Fires, Regulations, Hazards and Suppression Systems, CAFI – Ontario Chapter, 2015
- Fire Loss and Fire Code Litigation – Civil and Criminal Implications, International Association of Arson Investigators (IAAI), Ontario Chapter, 2014
- ISO/IEC 17025:2005 Training as a Technical Assessor for Laboratory Accreditation by Standards Council of Canada, 2013
- Fire Pattern Recognition/Certification, Public Agency Training Council (PATC), 2012
- Lightning Basics for Fire Investigations and Expert Evidence Admissibility, CAFI, 2012
- Effective Communication and Human Relations course, Dale Carnegie, 2011
- Solid Fuel-Burning Appliance Fire Investigations, Fire Findings, 2009
- Vehicle Fire, Arson and Explosion Training, NAFI, 2009
- Residential Electricity for Fire Investigators, Fire Findings, May 2009
- Investigating Gas and Electrical Appliance Fires, Fire Findings, 2008
- Certified Fire and Explosions Investigator (CFEI), NAFI, 2008
- Accredited Senior Appraiser designation (ASA), American Society of Appraisers, 2000
- QMI ISO 9001: 2000 Fundamentals course

PROFESSIONAL ENGAGEMENTS/LICENSING

Associations

- Canadian Association of Fire Investigators (CAFI) Former National President
 - Former National President (2016-2018)
 - Current Board Member and Training Chair
 - Currently lead the Webinar Series presentations on fire investigation
 - Led the creation of the Fire Investigator 4 course Professional Learning Certificate promoted by CAFI and for CAFI members
- Professional Engineers of Ontario
- Ontario Society for Professional Engineers
- National Association of Fire Investigators (NAFI)
- Standards Council of Canada, Technical Assessor / Technical Expert for the Certifying Bodies and Laboratory accreditation program

- Accredited Senior member of the American Society of Appraisers (ASA) (former)

Speaking Engagements

- “Fire Investigation, Methodologies and Case Studies”, Ontario Municipal Fire Prevention Officer's Association (OMFPOA) Chapter Presentation, 2019
- “Fire Investigation, Utilizing Arc Mapping for Origin Determination”, The Society of Fire Protection Engineers (SFPE) – Toronto Chapter, 2018
- “Fire Investigation, Methodologies And Case Studies”, Chesley & Area Fire Department, 2017
- “Subrogation: Organizational and Claims Management Strategies”, Canadian Defense Lawyers, Toronto, 2015
- “Equipment Failures & Preventive Measures”, Presented to Aviva Insurance Boiler and Machinery, Equipment and Underwriting Professionals, Toronto, 2015
- “Fire Investigation: Origin and Cause Determination”, Insurance Institute of Ontario, Markham, 2015
- “Fire Science and Fire Investigation”, Technical Standards and Safety Authority (TSSA), Toronto, 2015
- “Seminar Series – The Mechanical Room: Training, Case Studies & Claims”, Giffin Koerth, Toronto, 2014
- “Fire Origin and Cause Investigation, Large Commercial Sites”, Canadian Defense Lawyers, Toronto, 2013
- “Arson, Incendiary, Facts & Falsities”, ISB – University, ISB Canada, Milton, 2013
- “Case Studies in Fire Science and Fire Dynamics”, Northbridge Insurance Adjuster Training, 2012
- “Subrogation – How to Lose Before You Start: Reasons Subrogation Claims Were Lost in the Past and How to Avoid Them”, National Association of Subrogating Professionals (NASP), Toronto, 2011

PUBLICATIONS

- Book: “The Lawyer's Guide to the Forensic Sciences”, wrote Chapter 10: Fire Investigation, Book Editor: Caitlin Pakosh, Irwin Law, published September 2016; ISBN: 978-1552214121
- Article: “Arc Mapping – Finding the Forensic Needle in the Haystack”, published in CAFI Journal magazine, Fire Prevention Officers Association of BC magazine
- Article: “Undetermined Cause: What’s That About?”, published in CAFI Journal magazine, Fire Prevention Officers Association of BC magazine

PROFESSIONAL EXPERIENCE

Accepted as an expert witness in civil court in the Province of Ontario

October 2016 to Present

Forensic Engineer, *Origin and Cause Incorporated*

- Fire and explosion investigations involving structures and vehicles
- Product failure investigations
- Risk analysis, cost assessments, preventive maintenance
- Building, property, and construction failures
- Electrical and gas appliance design, testing, failure analysis and code compliance

- Designated technical expert for the Certifying Bodies and Laboratory Accreditation Program with the Standards Council of Canada (SCC) for gas, oil and solid fuel equipment
- Technical expert for SCC's Certification Body Accreditation Program (CBAP) to ISO/IEC 17065 & CAN-P-1500 for organizations carrying out certification of products to Canadian and International product standards (organizations such as CSA, UL, Intertek)
- Technical expert for SCC's Laboratory Accreditation Program to ISO/IEC 17025 for the competence and proficiency of testing laboratories (laboratories including CSA, UL, Intertek)

December 2007 – October 2016

Practice Lead, Fire Group, **-30- Forensic Engineering (Formerly Giffin Koerth Forensic Engineering)**

- Fire and explosion investigations involving structures and vehicles
- Product failure investigations
- Risk analysis, cost assessments, preventive maintenance
- Building, property, and construction failures
- Building and product failure analysis and code compliance
- Project management of property loss rehabilitations
- Designated technical expert for the Certifying Bodies and Laboratory Accreditation Program with the Standards Council of Canada (SCC)

2000 – 2007, Toronto, ON

Crown Food Service Equipment Ltd.

Manufacturer of commercial food service equipment (OEM manufacturer of steam equipment to Blodgett Oven Co., Vulcan Hart-Hobart, Market Forge Industries and Southbend)

Approvals and Quality Engineer

- Implemented, designed and approved new commercial appliances to CSA electrical and gas codes
- Conducted failure analysis of gas and electric commercial appliances
- Wrote and maintained approval files for CSA (electrical and gas) and UL
- Maintained company ISO9002 Quality System
- Conducted internal quality audits
- Liaised with and led external audit of Quality System with QMI
- Wrote user and service manuals
- Created complex mechanical drawings in AutoCAD 2004

Production Engineer

- Improved and created new production systems and procedures
- Wrote and implemented production testing and verification procedures
- Improved heavy duty commercial gas and electric cooking equipment through the design and development of new and more efficient burner systems and controls

1989 – 2000, Toronto, ON

Loss Prevention Engineering and Research, **FM Global (formerly Factory Mutual Engineering Association)**

- Senior appraiser of building, machinery and equipment of diverse global corporations
- Product/quality auditor for products approved by FMRC as an agency approvals company

- Manufacturing and product testing auditing and development of quality procedures

COMMUNITY INVOLVEMENT

- Former President and member of Toronto Engineering Club of Speakers, a chartered club of Toastmasters International, 2013–2018
- Member of the Board of Directors in a men's fraternity at the University of Toronto since 1993
- Actively serve on the board of directors of the Housing Corporation, running a large house for undergraduate members, providing mentoring to undergraduates and facilitating renovation projects
- Race Course Manager, "A Mid Summer Night's Run", a 30 km/15 km/5 km charity running event taking place every August in the east Toronto Beaches, benefiting SickKids Foundation, 2006–2014