

SCOTT P. W. WALTERS, B.A.Sc., P.Eng.

WALTERS FORENSIC ENGINEERING INC.

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SPECIALIZED PROFESSIONAL COMPETENCE

- Accident Reconstruction
- Human Factors and Driver Environments
- Roadway Assessment
- Automotive Systems Assessment

ACADEMIC BACKGROUND

- Bachelor of Applied Science, Faculty of Industrial Engineering, University of Toronto, 1987
- Professional Engineer since 1990

OTHER EDUCATION

- “Traffic Accident Reconstruction” course, University of North Florida, Institute for Police Technology and Management (1996).
- “Pedestrian/Bicycle Accident Investigation” course, University of North Florida, Institute for Police Technology and Management (1997).
- “Human Factors in Highway Design” workshop , Institute of Transportation Engineers (1998)
- “Low Velocity Impact” seminar, Canadian Society of Medical Evaluators (1998)
- “Pedestrian and Bicycle Seminar”, Institute for Transportation Engineers (2002)
- “Estimating Driver Response and DRIVE3 Certification” course, Accident Dynamics Research Center, (2004)
- “Crash Data Retrieval (CDR) System Operator” course, Collision Safety Institute (2005)
- “Snow School” course, Ontario Good Roads Association (2015)
- “Weather and Climate in Road Safety and Winter Road Maintenance webinar”, Transportation Association of Canada (2015)
- “Tire Forensics and Accident Reconstruction Seminar”, Canadian Association of Technical Accident Investigators and Reconstructionists (2017)

EMPLOYMENT BACKGROUND

Walters Forensic Engineering Inc. 1993 to present

Forensic Engineer specializing in accident reconstructions and accidents involving human factors concerns.

Walters Consulting Corporation (Toronto) 1990 to 1993

Technical consultant for accident reconstructions, both vehicular and industrial, involving human factors concerns.

Ontario Hydro, Engineering and Construction Services (Toronto) 1987 to 1993

Design Engineer specializing in the design, implementation, and analysis of all aspects of human-machine and human-environment interaction

PROFESSIONAL AFFILIATIONS

- Society of Automotive Engineers since 1998
- Institute of Electrical and Electronics Engineers since 1986
- Canadian Society of Safety Engineering since 1994
- Association of Canadian Ergonomists since circa 1988
- American Society for Testing and Materials circa 2000
- Transportation Association of Canada since 1993
- Canadian Association of Road Safety Professionals since circa 1999
- Canadian Association of Technical Accident Investigators and Reconstructionists since 2005

PUBLICATIONS

- "Engineering Considerations in Slip and Fall Injuries", Legal Focus on Property and General Liability Insurance, December, 1996.
- "CANDU Retube Control System", 5th International Conference on Human Computer Interaction, August 1993.
- "Operator Error", Engineering Dimensions, Professional Engineers of Ontario, July/August, 1993.

CONTRIBUTIONS

- "Forensic Engineering", The Expert, A Practitioners' Guide, Carswell (1995) – Assisted with writing a chapter.
- "Engineering/Personal Injury", Litigators' Guide to Expert Witnesses, Canada Law Book (1997) – Wrote chapter.

SEMINARS GIVEN

- "Accident Reconstruction", Insurance Crime Prevention Bureau of Canada (1998), International Association of Special Investigation Units, Ontario Chapter (1999), Dominion of Canada, Toronto (1999)
- "Low Speed Impact", State Farm Insurance (1996), International Association of Special Investigation Units, Ontario Chapter(1996), Dominion of Canada, Toronto (1999)
- "Raising the red flag: deconstructing fraudulent claims in motor vehicle accidents", Laxton Glass, July 2012
- Fortigo Freight Services. "Safety and Operations Seminar", May 2015
- "Slip and Fall Injury Investigation", "Balancing the Legal, Medical, and Forensic Contributions to Testimony", Insight Information Co., (2003)
- "Human Factors Laboratory and Case Studies", guest lecturer, University of Toronto undergraduate course (1997 to 2001)
- "Slip and Fall and Trip and Fall", Various insurers, property managers, lawyers, 1994 to present.
- "Industrial Safety - Work Practices - Dealing With Physical and Non-Physical Barriers", Continuing Engineering Education, University of Toronto (1994)

COURT APPEARANCES

Provided expert testimony in appearances in:

- Ontario Superior Court of Justice
- Supreme Court of British Columbia
- Queen's Bench of New Brunswick
- Coroners' Inquest
- Tribunal Administratif du Quebec
- Ontario Court of Justice
- Quebec Superior Court
- Queen's Bench of Alberta
- Ontario Labour Arbitration
- Financial Services Commission of Ontario