

# **Trevor S. Dinn, P. Eng.**

## **CURRICULUM VITAE**

### **RELEVANT EXPERIENCE:**

- Experience in all aspects of accident reconstruction including event data recorder (EDR) downloads and their interpretation, visibility analysis, occupant kinematic response, occupant position determination, seatbelt usage analysis, speed determination, time-distance analysis, impact location, photogrammetry and video analysis, motor vehicle/pedestrian interactions, articulated vehicle assessments, bicycle and motorcycle reconstruction, vehicle acceleration/deceleration testing, vehicle mechanical component failure causing motor vehicle incidents, and slip and fall analysis
- Involved in the investigation or analysis of over 1000 accidents;
- Qualified as an expert witness in the field of engineering and accident reconstruction in British Columbia Provincial and Supreme Courts (Civil), and BC Provincial Criminal Court

### **ACADEMIC QUALIFICATIONS:**

- 2013 PC-Crash: Online
- 2012 PC-Crash: Expert Skills Workshop
- 2010 Bosch Crash Data Retrieval (CDR) System - Technician and Analyst Course update
- 2009 Optics, Lighting and Visibility for the Forensic Investigator, Instructors: James S. Sobek and Kevin Johnson
- 2008 Human Factors for Traffic Crash Reconstruction, Instructor: Jeffrey W. Muttart
- 2008 Advanced Motorcycle Investigation and Reconstruction, Instructor: Wade Bartlett, P.E.
- 2006 Forensic DNA Techniques for the Investigator, Center for Forensic and Security Technology Studies, BCIT
- 2006 Crash Data Retrieval (CDR) System - Technician and Analyst Course
- 2006 PC-Crash Collision Simulation Software - Advanced Training
- 2004 Australia's National Crash In-Depth Study (ANCIS) Training, Monash University, Melbourne, Australia
- 1999 Advanced Traffic Accident Reconstruction, Institute of Police Training and Management, University of North Florida
- 1994 Bachelor of Mechanical Engineering, DalTech, Dalhousie University
- 1991 Diploma in Engineering, St. Francis Xavier University

**PROFESSIONAL WORK EXPERIENCE:**

- 2007 - Present Professional Engineer, Forensic Dynamics Inc.
- 1999 - 2007 Engineer-In-Training, Forensic Dynamics Inc.
- 2004 - 2005 Vehicle Safety Engineer, Roadway Traffic and Transportation Safety Research Center, United Arab Emirates University
- 1999 Accident Reconstructionist, Impact Analysis Inc.

**PROFESSIONAL ASSOCIATIONS:**

- Association of Professional Engineers & Geoscientists of British Columbia (APEGBC), (P. Eng.
- Washington Association of Technical Accident Investigators (WATAI)
- Member of CATAIR (Canadian Association of Technical Accident Investigators and Reconstructionists)

**OTHER EXPERIENCE:**

- Crash Data Retrieval (CDR) System User's Conference, Houston, Texas, 2008
- WATAI Fall Conference 2007: Yaw Mark Testing & Drag Sleds v. Electronic Devices to Obtain Friction Values
- Vehicle skid testing experiments on ice with the RCMP, 2007
- Vehicle Crash Testing, WATAI Fall Conference, 2006
- Road Safety Research, Policing and Education Conference, Perth, Australia, November, 2004
- Speaker: "Road Traffic Safety: Vision to Reality Symposium", United Arab Emirates University, March, 2004
- SAE "Truck & Bus Safety Conference", Vancouver, BC, March, 2000
- SAE "Heavy Vehicle Rollover Demonstration", Vancouver, BC, July, 2000
- Vehicle & Motorcycle Skid and Drag Factor Testing, Institute of Police Training & Management, 1999