

# SHARLENE R. WAUTERS, P. Eng.

## CURRICULUM VITAE

### RELEVANT EXPERIENCE:

- Experienced in all aspects of accident reconstruction; particularly speed determination, time-distance analysis, impact location, motor vehicle/pedestrian interactions, diagramming, seatbelt usage analysis, low-speed rear-end analysis, including occupant kinematic response, visibility analysis, photogrammetry, slip and fall analysis, motorcycle and bicycle reconstruction, as well as winter road maintenance
- Over 800 accidents investigated and reconstructed
- Qualified as an expert witness in the field of engineering and accident reconstruction in British Columbia Supreme Court (Criminal)

### ACADEMIC QUALIFICATIONS:

- 2012 PC-Crash: Expert Skills Workshop
- 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 PC-Crash: Essentials Training
- 2008 Crash Data Retrieval (CDR) System - Technician and Data Analyst Certification
- 2006 Forensic DNA Techniques for the Investigator, Center for Forensic and Security Technology Studies, BCIT
- 2006 Bachelor of Engineering - Aerospace, with Honors, Ryerson University, Toronto, Ontario

### PROFESSIONAL WORK EXPERIENCE:

- 2010 - present Accident Reconstruction Engineer, P. Eng., Forensic Dynamics Inc.
- 2006 - 2010 Accident Reconstruction Engineer, E.I.T., Forensic Dynamics Inc.
- 2004 - 2005 Operations Engineer, Industrial Internship Program, Celestica Inc.

### PROFESSIONAL ASSOCIATIONS:

- Engineers & Geoscientists British Columbia (EGBC)
- National Association of Professional Accident Reconstruction Specialists, Inc. (NAPARS)

### OTHER EXPERIENCE:

- Presenter at Crashteam's Annual Conference, Las Vegas, 2010
- Vehicle skid testing experiments on ice with the RCMP, 2007