Sarah M. Davidson, P.Eng.

<u>CURRICULUM VITAE</u>

RELEVANT EXPERIENCE:

- Experience in all aspects of accident reconstruction, including, speed determination, time-distance analysis, impact location, occupant kinematic response, motor vehicle/pedestrian interactions, bicycle/motorcycle reconstruction, seat belt usage, low-speed rear-end analysis, and winter road maintenance
- Over 500 accidents investigated and reconstructed

ACADEMIC QUALIFICATIONS:

- 2009 - Optics, Lighting and Visibility for the Forensic Investigator, Instructors: James S. Sobek and Kevin Johnson
- 2008 - Crash Data Retrieval (CDR) System - Technician and Data Analyst Certification
- 2008 - PC Crash - Essentials Training
- 2007 - Bachelor of Engineering – Mechanical Engineering, with Honours – McGill University

PROFESSIONAL WORK EXPERIENCE:

- 2011 – Present Accident Reconstruction Engineer, P. Eng., Forensic Dynamics Inc.
- 2007 – 2011 Accident Reconstruction Engineer, E.I.T., Forensic Dynamics Inc.
- 2007 Hardware Engineer, E.I.T., Nortel Networks Corp.
- 2006 Aerospace Engineering Intern, Pratt & Whitney Canada Corp.

PROFESSIONAL ASSOCIATIONS:

- Association of Professional Engineers & Geoscientists of British Columbia (APEGBC)