

# Gerald D. Sdoutz, P. Eng.

## CURRICULUM VITAE

### **RELEVANT EXPERIENCE:**

- Experience in all aspects of accident reconstruction, including occupant kinematic response, speed determination, time-distance analysis, impact location, motor vehicle/pedestrian interactions, bicycle/motorcycle reconstruction, seat belt usage analysis, low-speed rear-end analysis, slip and fall analysis, and failure analysis of products, structures and processes
- Approximately 1,750 motor vehicle accidents and injury incidents investigated
- Qualified as an expert witness in the field of engineering and accident reconstruction in Provincial and Supreme Courts of British Columbia

### **ACADEMIC QUALIFICATIONS:**

- 2003 CDR System Operator Course, Collision Safety Institute, Las Vegas, NV
- 2000 Advanced PC-Crash Course, Vancouver, BC
- 1999 Fire Investigation for the Insurance Industry Certificate - Canadian Fire Training Services
- 1996 Bachelor of Applied Science - Mechanical Engineering - University of British Columbia
- 1992 Bachelor of Science - Animal Biology - University of British Columbia

### **PROFESSIONAL WORK EXPERIENCE:**

- 2005 - Present Professional Engineer, Forensic Dynamics Inc. (partner)
- 2001 - 2005 Professional Engineer, Forensic Dynamics Inc.
- 1996 - 2001 Engineer in Training, Forensic Dynamics Inc.
- 1996 UBC Department of Mechanical Engineering

### **PROFESSIONAL ASSOCIATIONS:**

- Association of Professional Engineers & Geoscientists of British Columbia (APEGBC) - Professional Engineer (P. Eng.), Registration #25990

### **OTHER EXPERIENCE :**

- Animations and PC Crash Simulations
- Winter Road Maintenance - Friction Testing
- Traction Testing of Flooring using the English XL Tribometer

**RESEARCH AND PUBLICATIONS:**

**Publications**

- “Were They Wearing Their Seatbelt?” - Journal of Traffic Accident Technology
- “Liquid Anti-Icing Chemicals on Asphalt: Friction Trends”, G.D. Sdoutz and T.S. Leggett, May, 2000
- “Friction Trends of Anti-Icing Chemicals on Tined Concrete”, G.D. Sdoutz and T.S. Leggett, March, 2001