



Curriculum Vitae

DENNIS W. CARTER

EMPLOYMENT

Employer: SOUTHWESTERN COLLISION ANALYSIS
Date: 2010 to Present
Position: Technical Collision Investigator

Employer: THE UNIVERSITY OF WESTERN ONTARIO
MULTIDISCIPLINARY ACCIDENT RESEARCH TEAM
Date: January 2008 to September 2010
Position: Collision and Defect Investigator

Employer: ONTARIO PROVINCIAL POLICE
Western Region Traffic
Date: January 2001 to December 2007 (7 years)
Position: Police Officer Level IV Collision Reconstructionist

Employer: LONDON POLICE SERVICE
Traffic Management Unit
Date: May 1996 to December 2000 (4 years)
Position: Police Officer Level IV Collision Reconstructionist

Employer: LONDON POLICE SERVICE
Traffic Management Unit
Date: May 1994 to May 1996 (2 years)
Position: Police Officer Level III Collision Investigator

Employer: LONDON POLICE SERVICE
Traffic Management Unit
Date: May 1992 to May 1994 (2 years)
Position: Police Officer Level II Collision Investigator

COLLISION INVESTIGATION AND RECONSTRUCTION EXPERIENCE

- Level IV Collision Reconstructionist since 1996
- Over 17 years experience in advanced collision investigation and reconstruction since 1992
- Over 30 years experience in collision investigation since 1977
- Received extensive training related to collision and defect investigation
- Recognized by Ontario Courts as an expert in collision investigation and reconstruction
- Investigated over 1800 traffic collisions

OCCUPANT KINEMATICS AND INJURY BIOMECHANICS EXPERIENCE

- Over 17 years experience examining injury causation and mitigation in motor vehicle collisions
- Received extensive training related to injury mitigation and injury biomechanics in motor vehicle collisions and pedestrian and bicycle collisions
- Investigated approximately 355 collisions involving serious injury or death
- Attended over 35 post-mortems in order to establish manner of death and injury causation
- Conducted research into the Causes of Fatal Collisions for 2.5 years with the UWO Multi-disciplinary Accident Research Team

TRAFFIC SAFETY EDUCATION AND AWARENESS EXPERIENCE

- Conducted extensive traffic safety education through thirty year career as a police officer
- Provided numerous traffic safety training lectures to police collision investigators and reconstructionists
- Instructor at London Police Service Level II Accident Investigation Course from 1996 to 2009
- Provided traffic safety education lectures to university and college students
- Member of the Canadian Association of Technical Accident Investigators and Reconstructionists
- Member of the Canadian Association of Road Safety Professionals
- Responded to many hundreds of public traffic safety inquiries over career

TRAFFIC SAFETY TRAINING

- Canadian Multidisciplinary Road Safety Conference Banff, AB 2012
- Canadian Multidisciplinary Road Safety Conference Halifax, NS 2011
- Canadian Multidisciplinary Road Safety Conference Niagara Falls, ON 2010
- Canadian Multidisciplinary Road Safety Conference Whistler, British Columbia 2008.
- Mapszenes Professional Course Training Standard, Provincial Police Academy Orillia 2006
- Technical Traffic Collision Investigators Seminar Western Region Traffic Unit.2006

- Digital Camera Training Ontario Police College 2006
- Southern Ontario Traffic Investigators Society (SOTIS) on Event Data Recorders, Occupant Kinematics and Search Warrants 2005
- Crush and Energy Analysis Course Provincial Police Academy, Orillia 2005.
- Canadian Multidisciplinary Road Safety Conference Fredericton, New Brunswick 2005.
- Technical Traffic Collision Investigators Seminar Western Region Traffic Unit.2004
- Motorcycle/Bicycle Reconstruction Course Niagara Regional Police 2003
- Commercial Vehicle Reconstruction Course Ontario Police College 2003
- Commercial Vehicle Safety Alliance Course Ontario Ministry of Transportation 2003
- Technical Traffic Collision Investigators Seminar Western Region Traffic Unit.2003
- Commercial Vehicle Safety Alliance Course Ontario Ministry of Transportation 2003
- Estimating Driver Perception and Response Times CATAIR 2002
- Rapid Risk Recognition, Assessment and Response trucks and Terrorism Workshop 2002
- Acceleration and Vericom Familiarization Course 2002
- Dangerous Goods Course Ministry of Transportation 2002
- Technical Traffic Collision Investigators Seminar Western Region Traffic 2002
- OPP Technical Traffic Collision Investigators Slide to Stop and Yaw field-testing
- Canadian Multidisciplinary Road Safety Conference XII in London, ON (June 2001)
- Reconstruction Seminar Electronic Distance Measuring Instrument Leica Total Station 2001
- AutoSketch Computer Diagramming Ontario Provincial Police Fanshawe College 2001
- Acceleration and Vericom PC Training London Police Service 2000
- Electronic Distance Measuring Instrument Sokkia Total Station London Police Service 2000
- Traffic Safety Seminar UWO Multi-Disciplinary Accident Research Team 1999
- AutoCAD LT Computer Diagramming Course Fanshawe College 1999
- Collision Reconstruction Seminar UWO Multi-Disciplinary Accident Research Team
- Pedestrian Collision Reconstruction Course RCMP Waterloo Regional Police 1997
- Level IV Collision Reconstruction Course Canadian Police College 1996
- Laser Speed Detection System Course London Police Service 1996
- Commercial Vehicle Testing Workshop CATAIR 1996
- Traffic and Statement Analysis Seminar Ontario Police College 1995
- Pedestrian and Cyclist Collision Investigation CATAIR 1995
- Commercial Vehicle Seminar CATAIR 1995
- Level III Collision Analysis Course Canadian Police College 1994
- Forensic Science Certificate American Institute of Applied Science 1992
- Level II Collision Investigation Course Waterloo Regional Police Headquarters 1992
- Basic Recruit Accident Investigation Course (Level 1) Ontario Police College 1977

TRAFFIC SAFETY LECTURES PROVIDED

- Provided annual lectures at driver education courses
- Provided lecturer at the University of Western Ontario Forensic Engineering 4427b course in 2010
- Guest lecturer at Fanshawe College Police Foundations course
- Instructor at London Police Service Level II Traffic Accident Investigation Course from 1996 to 2009

- Instructor at Paris OPP Level II Collision Investigation Course in 2005
- Instructor at Chatham OPP Level II Collision Investigation Course in 2005
- Instructor on Pedestrian Collisions to OPP Technical Traffic Investigators and Reconstructionist 2004
- Lecturer on Pedestrian Collisions to OPP Technical Traffic Investigators and Reconstructionists 2001
- Instructor at London Police Service Collision Investigation for New Recruits from 1994 to 2000.
- Instructor at London Police Service Collision Investigation for In-service Training from 1999 to 2000

POST-SECONDARY EDUCATION

- Graduation: 1976
School: NIAGARA COLLEGE
Degree: Completed Law and Security Diploma
- Graduation: 1977
School: C.O. BICK COLLEGE
Degree: Completed Basic Recruit Police Training Course

PUBLICATIONS

- Foster, M., McClafferty, K.J., Shkrum, M.J., Tiessen, P.F. Hibbert, W., Carter, D. “Event Data Recorders: An Impartial Witness”, Proc. of Canadian Multidisciplinary Road Safety Conference XVII, Montreal, Quebec, June 2007