



INVESTIGATION | ENGINEERING | RESEARCH

CURRICULUM VITAE

RUSSELL DANTON - BSC

PROFESSIONAL PROFILE

Mr Russell Danton is a Forensic Collision Investigator for GBB with over nine years' experience of working in the field of collision investigation for research and litigation purposes. He has vast experience of investigation, analysis, and reconstruction of road traffic collisions involving heavy goods vehicles, passenger cars, motorcycles, bicycles, pedestrians and the highway infrastructure.

Mr Danton has given evidence in court for civil proceedings in the UK and Ireland, working with many major UK and Irish solicitors and insurance companies.

Mr Danton's expertise covers all aspects of collision investigation, including: pre-impact movement of the involved parties, likely impact speeds, vulnerable road user analysis, vehicle occupant movement, seatbelt usage, locus inspections and left-hand drive truck collisions. Mr Danton has a keen interest and experience in investigating pedestrian collisions, considering the kinematics and complexities of such collisions.

Mr Danton has experience of attending live road traffic collisions and conducting retrospective investigations, either inspecting the vehicles some time after the collision or from appraising documentary evidence.

He routinely physically inspects vehicles and assesses the damage sustained in order to consider damage consistency with the reported collision circumstances. Based on the fundamental principles of physics, collision investigation and his knowledge gained from research in the field and reviewing data from full scale crash testing.

Mr Danton has been involved in many areas of transport related research which include: vehicle collision causation, occupant injury causation, identification of common collision scenarios for pedestrian impacts, and various Pan-European research projects including, CASPER, SafetyNet, DaCoTA and SaferBrain, which all looked at collision and injury causation across the European road network.

ACADEMIC CREDENTIALS AND PROFESSIONAL AFFILIATIONS

Qualification	Location	Date
BSc (Hons) Applied Science and Forensic Measurement	University of Teesside	(1998 - 2002)
Accredited Qualification: Forensic Collision Investigation Techniques	AiTs & De Montfort University	2006

SPECIALISED QUALIFICATIONS

Qualification	Location	Date
Forensic Collision Investigation Training	Loughborough University	2004



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Advanced Accident Investigation Techniques	Loughborough University & Nottinghamshire Police	2005 -2006
Expert Witness Training	Forensic Science Service	2003
Introduction to Road Safety Audit Training	TMS Consultancy	2009
Automotive Body Control Systems	RAC	2005
PC Crash & AI Damage	AITS & Hannover University	2005 to 2008

EXPERIENCE AND EMPLOYMENT

Position	Location	Date
Forensic Collision Investigator	GBB (UK) Limited	2011 to present
Research Scientist/Collision Investigator	VSRC, Loughborough University	2006 to 2011
Collision Investigator	VSRC, Loughborough University	2004 to 2006
Forensic Scientist	Forensic Science Service	2002 to 2004

PUBLICATIONS/PRESENTATIONS

Details	Date
Cuerden, Richards, Danton , Hill and Ashton (2007) “ <i>A Comparative Review of Pedestrian Injury Severity with Respect to Car Impact Speed</i> ”, Project Report for the Department for Transport	April to September 2007
Lenard, Maguire, Danton , Reed and Morris (2008) “ <i>The True Effect of the HGV Headlamp Aim Pattern</i> ”, Project Report for the Department for Transport.	November 2008
Danton , Kirk, Rackliff and Hill (2009) “ <i>Left-Hand Drive HGVs and Foreign Truck Drivers in OTS</i> ”, Project Report for the Department for Transport	September 2008
Danton , Kirk and Hill (2009) “ <i>Mainland European Truck Accidents in the UK – Key Issues for Drives</i> ”, Enhanced Safety for Vehicles (ESV) 21 st Conference. Stuttgart, Germany.	June 2009
Lenard, Danton , Hill (2010) “ <i>Accident Data Study in Support of Development of Autonomous Emergency Braking Test Procedures</i> ”. Also presented at the Enhanced Safety for Vehicles (ESV) Conference, 2011, conducted in association with the Thatcham Research Centre	2009 to 2011
Lenard, Badea-Romero, Danton (2014) “ <i>Typical Pedestrian Accident Scenarios for the Development of Autonomous Emergency Braking Test Protocols</i> ”, Accident Analysis and Prevention, Elsevier.	2014
ESV Conference Speaker	Stuttgart, Germany
IFIG Conference Speaker	Liverpool, UK