

CURRICULUM VITAE

Philip Hoyes BEng (Hons) CEng MIMechE MCSFS



INTRODUCTION

Mr Hoyes is Technical Director at GBB and is head of our research department. He has a degree in automotive engineering and is a Chartered Engineer (with the Institute of Mechanical Engineers). Mr Hoyes' expertise covers all aspects of collision investigation; however, he has a particular interest in biomechanics, crash testing, telematics, vehicle diagnostics, and infotainment data. Mr Hoyes is a published, peer reviewed author on the topics of occupant movement and vehicle dynamics.

CASEWORK OVERVIEW

- Over 15 years' professional experience
- Extensive court experience (Magistrates, Civil, Crown courts in the UK and the High Court in the Republic of Ireland).
- Chartered Engineer and Head of GBB Research Department
- Published author – crash testing, biomechanics, vehicle dynamics
- Pedestrians, cyclists, motorcycles, passenger cars, HGVs
- Vehicle inspections and data downloads

ACADEMIC CREDENTIALS

Qualification	Subject	Date
BEng (Hons)	Automotive Engineering	2002

SPECIALISED QUALIFICATIONS

Qualification	Provider	Date
Vehicle System Forensics	Berla Corp	2018
Certificate in Emerging Automotive Technologies	University of Michigan	2015
University Certificate in CPD in Forensic Road Collision Investigation	AiTS and De Montfort University	2012
Expert Witness Training	University of Central Lancashire	2012
Forensic Fire Investigation	Thatcham	2006
Collision Investigation Techniques	RoSPA	2004
Introduction to Estimating Procedures	Thatcham	2004

PROFESSIONAL CREDENTIALS / MEMBERSHIPS

Institution	Level	Date
Engineering Council	Chartered Engineer	2012
Institute of Mechanical Engineers (IMechE)	Member	2012
Chartered Society of Forensic Sciences (CSFS)	Member	2010

PUBLICATIONS/PRESENTATIONS

Details
<p><i>A Study of Human Kinematic Response to Low Speed Rear-End Impacts Involving Vehicles of Largely Differing Masses</i> Henderson. B, Hoyes. P. Presented at the International Congress on Traffic Accident Investigation, Shanghai, November 2009.</p>
<p><i>A Study of Extreme Partial Collisions</i> Henderson. B, Hoyes. P Published in “Impact”, Journal of the Institute of Traffic Accident Investigators, Winter 2009.</p>
<p><i>Is the Whiplash Threshold Really 3 mph?</i> Henderson. B, Hoyes. P, Presented at the Forensic Science Society Spring Conference, York, April 2010.</p>
<p><i>A Study and Comparison of the Effects of Low Speed Change Vehicle Collisions on the Human Body</i> Hoyes. P, Henderson. B, Published in the March 2013 edition of Accident Analysis and Prevention (affiliated with the Association for the Advancement of Automotive Medicine), Elsevier.</p>
<p><i>Measurement of Vehicle Height Changes Under Maximum Braking</i> Henderson. B; Hoyes. P; Hall. M, Published in “Impact”, Journal of the Institute of Traffic Accident Investigators, Spring 2014.</p>
<p><i>A Study into the Propensity for Exhaust Gas Ingress into a Vehicle as a Result of Collision Damage</i> Henderson, B., Hall. M, Hoyes. P. Published in the International Journal of Vehicle Safety, Vol. 8, No 3, 2015.</p>
<p>Annual General Meeting of the Institute of Traffic Accident Investigators, Solihull, 2014</p>
<p>Premex Experts’ Seminars, NEC, Birmingham, 2014</p>
<p>TGC Insurance Fraud Conference, Manchester, 2015</p>

PROFESSIONAL PROFILE

I am a Chartered Engineer and qualified collision investigator with 15 years’ experience of examining vehicles and preparing reports compliant to court rules for the purposes of mechanical failures and collision investigation.

Instructed by both claimant and defendant lawyers plus private and public organisations I am also instructed, and trained, in the role of single joint expert.

A Sweet and Maxwell Legal Hub vetted and registered Expert Witness I have delivered expert evidence in Civil, Magistrate and Crown courtrooms in the UK and in District, County and the High Court in Ireland.

In 2013 His Honour Judge Scarrett described my evidence as being “*more concrete, more supported by tests of a scientific nature and more accurate on the facts of the case.*”

Since 2005 I have been actively involved in collision testing and I am author or co-author of six published research reports. By invitation I presented research at the Annual General Meeting of the Institute of Traffic Accident Investigators (2014), at the Premex Experts’ Seminars, NEC, Birmingham (2014) and at the TGC Insurance Fraud Conference, Manchester (2015) as well as guest lecturer at Sheffield Hallam University.

I am on the peer review panel at Elsevier and periodically review research submitted to the journal ‘*Accident Analysis and Prevention*’.

My current research includes a comparison between accelerations generated by kerb mounts/ dismounts and lateral impacts; vehicle diagnostics and infotainment systems.