PROFESSIONAL PROFILE

I have been a forensic scientist for over 25 years and worked for Lothian & Borders Police laboratory (Scotland), the UK Forensic Science Service (FSS), the Metropolitan Police Service before moving into private practice. I have been involved in the forensic investigation of hundreds of major and critical incidents, predominantly as lead scientist in complex investigations and case review. I have reported all aspects of forensic biology including scene examination, bloodstain pattern analysis (BPA), luminol application, forensic strategy, body fluid analysis and DNA interpretation.

I collaborate with a wide range of practitioners across the CJS and give expert scientific evidence in many high-profile forensic investigations, in courts across the UK and abroad, for the prosecution and defence. I have received commendations and letters of appreciation from North Yorkshire Police, the Metropolitan Police Service Operational Command Unit, CPS and judiciary, which demonstrate my commitment to delivering excellence.

I am Co-Director of Millington Hingley Ltd and work independently as a forensic science consultant. My specialism is in Bloodstain Pattern Analysis (BPA) which I have developed since my initial BPA training with Miami-Dade Police in the late 1990's. I deliver BPA training around the world for professionals and enthusiasts in partnership through Spattered Ltd, a company dedicated to BPA training and education.

I am an advocate of widening participation in forensic science, pro-STEM and pro-collaboration and I regularly undertake activities that contribute to education and social justice. I conduct *pro-bono* work as a member of the Advisory Panel of Inside Justice and am a Trustee of the charity. I am the Forensic Advisor on BBC's Silent Witness.

ACADEMIC PROFILE

I have an MSc Forensic Science, PGCert Teaching & Learning and a BSc (Hons) Biological Sciences (first class). I supplement this with on-the-job training and CPD. I hold visiting positions at Kings College London, University College London, the Academy of Forensic Medical Sciences and Bournemouth University, where I contribute to their forensic education and research programs. I am a professional member of the International Association of Bloodstain Pattern Analysts (MIABPA) and Chartered Society of Forensic Sciences (MCSFS). I regularly publish articles on forensic science.

SCIENTIFIC EXPERTISE

I have a broad understanding of multi-disciplinary forensic science and specialise in the evaluation and interpretation of biological evidence, including BPA. I have built a strong reputation for writing comprehensive scientific reports that explain the strengths and limitations of forensic science in a straightforward manner and in context with case circumstances. I am quality-driven and committed to delivering forensic science that is rigorous and evidence-based.

KEY SKILLS

- Evidence-based interpretation of forensic science
- Evaluation of scientific evidence
- Body fluid analysis & interpretation, including transfer & persistence issues
- DNA interpretation, including profiles created via current and historic processes; specialist techniques & statistics
- Blood Pattern Analysis (BPA), including interpretation of bloodstain distribution evidence and expectations of blood transfer in case scenarios
- Scene examination, including luminol application, and review of scene findings from photographs
- Laboratory examination of items in a DNA-controlled environment
- Case review, including historic, cold case, sexual offences & major/critical incidents
- Animal forensics
- Expert witness [UK/international experience]
- NCA expert register (BPA)

ADDITIONAL EXPERTISE

- BPA Training [Awareness, Intermediate (40-hour IABPA course) & Advanced]
- Customer-focused knowledge transfer & CPD
  Forensic science & strategy advisor, including to the media. Recent projects: BBC: Silent Witness, Expert Witness, Conviction series, Dark Lands; ITV: White House Farm, Des, Stephen; CBS: Wrongly Accused, Murder by the Sea.