

PROFESSIONAL PROFILE

I am a senior scientist with over 25 years' experience in the field of forensic science, which includes over 16 years experience of high profile multi-disciplinary complex casework. My career started at the Forensic Science Service in London where I was employed as a DNA analyst processing both PACE and crime scene samples, and subsequently as a Forensic Scientist in the Sexual Offences team. More recently I was employed at LGC Forensics Ltd (now Eurofins), Teddington as a Lead Scientist & Sexual Offences Forensic Advisor and was DNA Lead for Teddington. I joined ArroGen Forensics Ltd in 2013 delivering a wide portfolio of case review. I now work independently as Director and Consultant Forensic Scientist within my own company, Millington Hingley Ltd.

Over my career, I have been involved in the forensic investigation of hundreds of major incidents. I have reported all aspects of forensic biology including, evaluation and interpretation of body fluids, DNA interpretation and evaluation, using both standard and specialist methods and blood pattern analysis (BPA). I have given expert scientific evidence, including in many high-profile forensic investigations, in courts across England and Wales and also via video link to New Zealand for the prosecution and defence. I have received commendations and letters of appreciation from the Metropolitan Police Service, The British Transport Police, Bedfordshire Police, CPS and judiciary which demonstrate my tenacity, professionalism and my commitment to delivering excellence.

I specialise in reviewing sexual offence cases and evaluating DNA profiling results, including complex mixtures and those generated using high sensitivity and specialist techniques. Over my career I have reported DNA profiles generated using various technologies and am familiar with the strengths and limitations of each. I now regularly review and advise on results that have been subjected to specialist statistical methods, such as STRMix and LiRa.

I have a track record of delivering training and guidance to Defence Counsel, Crown Prosecutors and Police Officers in areas of Forensic Biology and the Interpretation and Evaluation of Scientific Evidence. I am also a Visiting Lecturer at South Bank University, London on their undergraduate programme.

ACADEMIC PROFILE

I have an Honours Degree in Biological Sciences (Genetics and Zoology) and I supplement this foundation with on-the-job training and CPD.

SCIENTIFIC EXPERTISE

I am an experienced forensic scientist with extensive experience in forensic casework. I provide independent consultancy and training in forensic science. I specialise in body fluid & DNA interpretation and sexual offence investigation.

KEY SKILLS

- Evidence-based interpretation of forensic science
- Evaluation of scientific evidence
- Body fluid analysis & interpretation, including transfer & persistence issues
- DNA interpretation (including complex mixtures), NGM, specialist techniques such as YSTR & statistical analysis (STRMix, LiRa) & historic DNA testing
- Blood Pattern Analysis (BPA), including interpretation of bloodstain distribution evidence and expectations of blood transfer in case scenarios
- Laboratory examination of items in a DNA-controlled environment
- Case review, including historic, cold case, sexual offences & major/critical incidents
- Expert witness [UK/international experience]
- Scientific Advisor

ADDITIONAL EXPERTISE

- Training [DNA interpretation, report writing and DNA mixture interpretation, expert witness & sexual offences]
- Customer-focused knowledge transfer & CPD
- Advice on forensic science & strategy
- Utilisation of the National DNA and Missing Persons Database and Interpol