

**CLARE JARMAN BSc (Hons) MSc
PRINCIPAL BIOLOGIST**

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Academic Qualifications

1999, University of Strathclyde, MSc in Forensic Science

1998, University of Strathclyde, Immunology and Pharmacology, BSc (Hons) 2:1

Forensic Science Career

2007 – present day, Forensic Access, Principal Biologist

At Forensic Access I work on police cases and examinations on behalf of the defence. Police case work has included a range of case and evidence types and has included murder cases and cold case reviews. Police case work has also included peer reviewing for different forensic providers. Defence case work has involved a wide range of case and evidence types including paper reviews of small DNA cases, complex reviews and re-examinations of assault, sexual assault and murder cases and appeal and CCRC cases.

I have attended and given evidence in court on numerous occasions and have attended scenes of crime under instruction of both the defence and the prosecution.

Whilst at Forensic Access I have developed and taught several training courses in DNA profiling, Blood Pattern Analysis and Court Attendance as well as presenting on DNA and BPA to lawyers and barristers as part of their accredited CPD programs.

In addition, I have been involved in the development of laboratory procedures and validation experiments working towards UKAS 17025 accreditation which we were awarded in May 2010.

2000 – 2007, Forensic Alliance which then merged into LGC Forensics, Forensic Biologist

I began working for Forensic Alliance in January 2000 where I spent two years assisting senior reporting scientists in a range of biology examinations, both in the lab and at scenes of crime. In October 2001, having completed and passed a range of DNA training courses, tests and a Viva, I was signed off to report biology cases. Over the following years I became competent in DNA mixtures analysis, enhanced DNA techniques such as LCN and post PCR clean up, blood pattern analysis and blood enhancement. I have attended scenes of crime throughout my career and was signed off to lead and report scene examinations in 2004. In 2006, LGC Forensics took over Forensic Alliance and I continued to work for LGC Forensics.

From 2005 onwards I became a lead scientist and worked mainly on murder cases with some assault and sexual assault cases. I also undertook work on a small number of defence cases and cold cases. My role as lead scientist on such cases, particularly the larger, more complex cases, involved planning and adapting case strategies, scientific examinations and interpretations, an awareness of a range of evidence types, an ability to manage my work and the work of others working under my instruction, an understanding and

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management of case finances and an ability to liaise primarily with the police investigation team and also with lawyers and other scientists. I regularly gave evidence in court as well as discussing and presenting my evidence in case conferences.

I line managed various individuals and small teams during my time at LGC and was line managing three members of staff when I left the company in July 2007. I was based at the Culham Site, although in 2003 I completed a 3 month secondment to the Risley laboratory.

During my career I have also:

- Attended the Safety Working Party as representative for Biology at Forensic Alliance and Forensic Access
- Developed and taught two basic BPA courses to senior investigating officers and senior SOCO's (2007)
- Developed and taught repeated DNA single source and a DNA mixtures analysis course. Developed and implemented court room assessments and vivas for single source DNA reporting
- Taught on Thames Valley Police CID training
- Given demonstrations of the use of luminol to groups of police officers and SOCO's
- Given a BPA presentation to the Young Persons Forensic Society Conference and organised BPA workshops for the attendees (2007)
- Ran blood pattern workshops on Indoor Scene Workshops for various police forces
- Gave lectures to various police forces and NPIA
- Run BPA awareness days for scenes of crime officers
- Lectured on BPA and DNA to barristers and solicitors as part of their CPD schemes (accredited through the Bar Standards Board and Solicitors Regulation Authority)
- Lined managed more junior scientists
- Mentored various junior scientists in various aspects of casework and training
- Written, developed and validated scientific standard operating procedures for Forensic Access

SKILLS

Reporting

I report the following:

- Body fluid examination and interpretation
- Use of luminol and LCV and an awareness of other blood enhancement techniques
- DNA (STR) profiling results (including the use of Genemapper and Genescan)
- Simple and complex DNA mixture analysis
- Damage examination and interpretation
- Blood pattern analysis at scenes and in the lab

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I report and specialise in the following types of cases:

- Complex sexual assault, assault and homicide cases involving any of the evidence types listed above
- Cold case reviews
- Reviews, reanalysis and examinations on behalf of the defence or prosecution

Case management

I have a great deal of experience of managing cases where numerous evidence types and complex scenarios must be considered.

Presentation skills

Present complex scientific information to lay people in case conferences, court rooms and as part of my lecturing to barristers and solicitors for their accredited CPD programs.

Any other relevant information

RELEVANT TRAINING PROGRAMMES

From January 2000	Forensic Alliance Apprenticeship training in examination of items, preservation of evidence, continuity and integrity of items; fibre examiner training; analysis of wood (Durham University)
Autumn 2001	Forensic Alliance STR profiling Court Reporter training
December 2001	Bart Epstein and Terry Laber Blood Pattern Analysis Workshop
January 2003	Forensic Alliance SGM+ Complex mixtures reporting
2000 to June 2004	Forensic Alliance 'On the job' scene examination and interpretation training at scenes culminating in a written test, 5 assessed scenes and a mock BPA scene
July 2005	International Association of Identification Workshops, St Louis, Missouri
10 January 2006	Forensic Alliance Luminol and LCV reporter training

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May 2007	LGC Forensics 34 Cycle (LCN) and Enhancement (3100e and DNA SenCE) DNA training
January 2010	Forensic Access Footwear awareness training
August 2015	DNA17 training

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

I am a member of the Forensic Science Society am also listed on the NPIA register. I was registered with CRFP.