

## **Julie Elizabeth Allard**

**MSc, CBiol, MRSB, MCSFS**

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An independent Forensic Consultant in the field of biological evidence with over 40 years of scientific experience across a wide range of evidence types. Recognised and respected nationally for her specialism in body fluids, in particular sexual assaults and complex interpretation. Experienced trainer and coach, able to provide bespoke training to a range of clients. Widely published on forensic casework matters.

### **KEY SKILLS AND ACHIEVEMENTS**

- Founded two forensic consultancy companies in 2012 with former Forensic Science Service (FSS) leading scientists:
  - Principal Forensic Services Ltd [www.principalforensicservices.com](http://www.principalforensicservices.com)
  - Forensic Context Ltd [www.forensiccontext.com](http://www.forensiccontext.com)
- Provides a range of high quality body fluid expertise to both companies with specialism in sexual assaults and complex interpretation, primarily to defence lawyers.
- Over 35 years of experience in a large world leading, operational laboratory; with hands-on practical and expert witness skills across a range of biological evidence types - body fluids, blood grouping, DNA, fibres, hairs, blood pattern analysis and crime scene examination.
- Predominantly serious crime cases - homicide, violent crime and sexual offences.
- DNA skills include DNA17 and SGMplus profiling, mixture interpretation and also historic DNA(SLP) and Quad profiling.
- Recognised for high level skills in interpretative cases, able to logically and robustly evaluate case findings in the context of the prosecution and defence accounts.
- Respected advisor and reviewer on complex and high profile matters; provided case specific advice to the Criminal Cases Review Commission (CCRC). Advised the Forensic Regulator on standards related to the medical examination of complainants.
- Regularly managed large and multi-faceted workloads to deliver meticulous work to tight timescales for courts and other clients.
- Presented reliable and credible oral court testimony in hundreds of cases, predominantly at the Old Bailey. Able to explain scientific findings clearly in lay terms and respond professionally when challenged in cross examination.
- Well known and respected as leading body fluid Principal Scientist for 10 years in world leading organisation with over 400 body fluid scientists across seven operational laboratories. Represented the organisation in key positions in national scientific groups, in a scientific regulation body and with non-UK consultancy work. Accountability at Board level and able to address issues at high stakeholder levels.

- Works to the highest standards, founded on in-depth knowledge of quality requirements of accreditation and regulatory authorities. Skilled in understanding and dealing with quality issues, root cause and addressing implications for criminal cases.
- Good relationships with a range of key contacts; knowledgeable and influential in the forensic community.

### **Training and Continuous Professional Development (CPD)**

- Respected for ability to develop and deliver bespoke training materials, as evidenced throughout career for scientific and CJS personnel.
- Delivered interpretation and report/statement writing courses to body fluid scientists on numerous occasions and coached a range of scientists to enhance their skills to interpret the scientific evidence according to the four accepted principles of best practice – balance, logic, robustness and transparency.
- Provided lectures to legal chambers and university students on a range of topics. Developed online training videos about DNA17 profiling.
- Keeps up to date on scientific developments. Has widely published on forensic casework related matters throughout career; invited by Professor Fraser to write sexual offences chapter for the Handbook of Forensic Science.  
(Publication list given in appendix)

## **CAREER SUMMARY**

<b>Forensic Consultant and Director</b> <i>Forensic Context Ltd</i> <i>Principal Forensic Services Ltd</i>	<b>2012 to present</b>
<b>Principal Forensic Scientist</b>	<b>2008-2012</b>
<b>Consultant Forensic Scientist</b>	<b>2001-2008</b>
<b>Reporting Officer in body fluids, DNA, fibres and hairs</b> <i>Forensic Science Service Ltd (FSS)</i>	<b>1996-2001</b>
<b>Reporting Officer in body fluids, DNA, fibres and hairs</b>	<b>1980-1996</b>
<b>Manager of DNA SLP intelligence index</b>	<b>1990-1996</b>
<b>Assistant Forensic Scientist</b> <i>Metropolitan Police Forensic Science Laboratory</i>	<b>1973-1980</b>

## **QUALIFICATIONS**

Professional Member of the Chartered Society of Forensic Sciences  
 M.Sc. Immunology  
 Member of the Royal Society of Biology (Biochemistry) – Hons degree equivalent  
 Chartered Biologist  
 HNC Applied Biology (distinction)

## APPENDIX - PUBLICATIONS

S. Jones, K. Scott, J. Lewis, G. Davidson, **J.E. Allard**, C. Lowrie, B. McBride, L. McKenna, G. Teppet, C. Rogers, N. Clayson, A. Baird, DNA transfer through nonintimate social contact, *Sci. Justice* 56 (2016) 90-95  
<http://dx.doi.org/10.1016/j.scijus.2015.10.004>

P. Hardinge, **J.E. Allard**, A. Wain, S. Watson, Optimisation of choline testing using Florence iodine reagent, including comparative sensitivity and specificity with PSA and AP tests, *Sci. Justice* 53 (2013) 34-40. doi: 10.1016/j.scijus.2012.03.004.

**J.E. Allard**, The relevance of body fluids in the investigation of sexual offences, in: J. Fraser & R. Williams (Eds.), *Handbook of Forensic Science*, Willan Publishing, UK, 2009, pp 142-165.

**J.E. Allard**, A. Baird, G. Davidson, S. Jones, J. Lewis, L. McKenna, C. Weston, D. Scrimger, G. Teppet, A comparison of methods used in the UK and Ireland for the extraction and detection of semen on swabs and cloth samples, *Sci. Justice* 47 (2007) 160-167. doi: 10.1016/j.scijus.2007.09.010.

**J.E. Allard**, The collection of data from findings in cases of sexual assault and the significance of spermatozoa on vaginal, anal, and oral swabs, *Sci. Justice* 37 (1997) 99-108.

S.M. Keating, **J.E. Allard**, What's in a name? - Medical samples and scientific evidence in sexual assaults, *Med. Sci. Law*. 34 (1994) 187-201.

M.J.Greenhalgh, **J.E. Allard**, Experiences with a computerised database of DNA profiles in forensic casework, *Adv. For. Haemogenetics*. 4 (1992) 298-300.

**J.E. Allard**, Series sexual crimes identified by a DNA computerised database, *Adv. For. Haemogenetics*. 4 (1992) 295-297.

**J.E. Allard**, Murder in south London. A Novel use of DNA Profiling, *J. For.Sc.Soc.* 32 (1992) 49-58.

K.G. Wiggins; **J.E. Allard**, The evidential value of fabric car seats and car seat covers, *J. For. Sc. Soc.* 27 (1987) 93-101.

G.M.Willott, **J.E. Allard**, Spermatozoa - Their persistence after sexual intercourse, *For. Sci. Int.* 19 (1982) 135-155.

**J.E. Allard**, Davies A, Further information on the use of p-nitrophenyl phosphate to quantitate acid phosphatase on vaginal swabs examined in cases of sexual assault, *Med. Sci. Law*. 19 (1979) 170-172.