

**SARAH TARRANT-WOODING BSC (HONS).
DIPFMS. MRSC.
SENIOR TOXICOLOGIST**

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FORENSIC SCIENTIST SINCE: 2001



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1 AREAS OF EXPERTISE

1.1 [Forensic Toxicology](#)

1.1.1 Including: Coroners cases, Drugs and alcohol effects, [Drugs driving](#), [Drink driving](#), [Serious crime involving drugs or poisons](#).

2 SUMMARY

2.1 With more than 14 years' in forensic science, Sarah Tarrant-Wooding is an experienced and respected forensic toxicologist. Sarah started her career at Forensic Alliance, latterly LGC Forensics, in 2001 where she trained in all aspects of forensic toxicology including extraction techniques, instrumental analysis and providing expert witness statements. During her time at LGC Forensics Sarah ran analytical instruments including GC-MS, HPLC and GC-FID and became a respected expert in all aspects of analytical testing and in the interpretation of complex results.

2.2 Sarah's toxicological skills and knowledge are considerable, having reported on numerous cases of drink driving, drugs driving, assault, robbery, sexual assault, rape, extortion, suspicious death, poisoning, manslaughter and murder as well as reporting on numerous HM Coroner's cases.

3 EXPERIENCE

- 3.1 Leading forensic toxicologist with over 14 years' experience.
- 3.2 Senior court reporting scientist, with vast experience in appearing on behalf of either the defence or prosecution, as an expert witness. Sarah has appeared in several high profile cases at inquests, as well as in cases tried in the Magistrates and Crown Courts. Sarah excels in ensuring that the evidential value of forensic toxicological analyses is explained in a careful and accessible manner for the benefit of the courts.
- 3.3 Reported several thousand cases, more latterly concentrating on major crime casework predominantly homicide and sexual offences, but also including complex alcohol calculations.
- 3.4 Highly experienced forensic defence expert.
- 3.5 Highly skilled in case assessment, development of case strategy, and comprehensive and detailed interpretation of complex toxicology cases
- 3.6 Highly experienced in analytical methods and techniques, having had hands on experience of a wide range of analytical techniques including gas chromatography-flame ionisation detection (GC-FID), gas chromatography-mass spectrometry (GC-MS), high performance liquid chromatography (HPLC), and enzyme immuno-assay (EIA).
- 3.7 Leading forensic scientist and expert witness in cases involving driving whilst under the influence of drugs and/or alcohol, including technical defence and back calculations.
- 3.8 Expert knowledge of drugs of abuse and prescription and over-the-counter medicines.
- 3.9 Leading expert on the effects of both prescription medicines and illicit drugs.
- 3.10 Experienced and qualified trainer in all aspects of forensic toxicology having developed, written and presented training courses to Forensic Service providers, post-graduate university courses, police, and coroner's officers.

4 COMMITTEE MEMBERSHIPS

- 4.1 Member of the Royal Society of Chemistry
- 4.2 Committee member and founding professional member of the United Kingdom and Ireland Association of Forensic Toxicologists (UKIAFT)
- 4.3 Registered forensic toxicologist with the Council for the Registration of Forensic Practitioners (CRFP), prior to it being disbanded in 2009.

5 NOTABLE WORK

- 5.1 Devised and organised a one day conference, to encourage multi-agency co-operation into death investigation.
- 5.2 Developed and wrote a range of training courses for various sectors of the criminal justice system.
- 5.3 Organised several meetings on behalf of UKIAFT.

6 NOTABLE CASES

- 6.1 [Death of Eva Rausing](#)
- 6.2 R v Whant ([Murder of Nikitta Grender](#))
- 6.3 R v Ayres, Crago, Real ([Death of Ralph Millward](#))
- 6.4 R v Taylor ([Murder of Kate Beagley](#))