

ANGELA SHAW

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A highly motivated and influential professional internationally recognised as an expert in the forensic field of gunshot residue (GSR). Previously employed as the Principal Forensic Scientist for the Forensic Science Service (FSS) now Co-Director of the Forensic Firearms Consultancy Ltd and Principal Forensic Services Ltd. Operates at the highest levels with all stakeholders to ensure delivery of quality forensic science and interpretation of complex casework issues and results. Over 17 years' experience providing expert testimony in the UK and internationally on the full range of GSR forensic science cases. Extensive experience of managing projects and delivering results to exacting standards and demanding timelines.

PROFESSIONAL CAREER

- Established the Forensic Firearms Consultancy Ltd in 2012 with Mark Mastaglio, the former FSS Principal Scientist for Firearms. Forensic Firearms Consultancy Ltd has established itself as a market leader in providing independent forensic firearms advice. Also co-founded Principal Forensic Services Ltd with fellow former FSS Principal Forensic Scientists.
- Widely acknowledged expert in the field of gunshot residue and actively participates in the largest working group in the European Network of Forensic Science Institutes, Firearms/GSR Expert Working Group. Presented scientific papers on personal research projects gaining recognition as a leading practitioner in Europe and was unanimously voted onto the working group Steering Committee. Influential collaborator working with European partner laboratories to promote and improve best practice in the field of gunshot residue.
- Worked on complex and sensitive high-profile police investigations in the UK and internationally providing expert witness testimony for over 17 years in cases involving the full range of gunshot residue forensic science from illegal possession of firearms to terrorism. Instructed in a number of Northern Ireland Legacy Inquests providing case specific interpretation and opinion on the use of the sodium rhodizonate test. International work includes high profile cases in Cayman Islands, Bermuda, Turks and Caicos Islands and southeast Asia. Given expert testimony in Crown and Appeal Courts. Forged strong working relationships and received many commendations on level of professionalism and ability to direct complex in-depth investigations and reviews.
- In 2012 won a UK Home Office tender to assist the Forensic Regulator in drafting the Appendices to the Codes of Practice and Conduct for GSR examination. A demanding contract delivered to schedule.
- Former FSS technical advisor to key internal and external stakeholders. Set technical standards and competencies to maintain the quality of casework. Revised all quality documentation and instigated the development of formal reporting guidelines which were the first such guidelines written by a forensic provider and which are now utilised by other forensic laboratories in the UK and Europe. Maintained external quality accreditation (ISO 17025) for Gunshot Residue within the service. Audited European Forensic Laboratories as part of an EU commissioned project to assist laboratories in obtaining external quality accreditation and provided expert opinion.
- Developed all GSR examination Standards and Competencies used by the FSS leading to greater consistency in operating procedures and competence monitoring.
- Managed the rationalisation of two operating units to one centre of excellence based at the FSS to improve best practice and cut costs. Supported colleagues affected by the substantial changes, wrote proposal papers and impact assessments and regularly updated all parties through to successful implementation of all changes to very demanding timescales.
- Co-written a chapter for the textbook 'Crime Scene to Court', published by the Royal Society of Chemistry; a recommended textbook for students, lawyers and police officers interested in forensic science. Published author of a number of articles in professional expert witness journals.
- Devised and managed the delivery of bespoke training courses for trainee forensic scientists and investigators and was responsible for assessing overall performance and readiness to practice as

qualified expert witnesses. Forged collaborations with academic institutions such as King's College London, giving MSc students the opportunity to complete their final year project at the FSS and now FFC Ltd.

- Delivered training and awareness sessions to FSS external customers and international scientists.
- Worked with police forensic and firearms units together with government bodies advising on best practice regarding cross-contamination at crime scenes and during the arrest and apprehension of suspects. Continue to advise the Home Office Forensic Science Regulator's Office on matters concerning GSR.

SUMMARY OF ROLES

Forensic Firearms Consultancy (FFC) Ltd, Director	2012-present
Principal Forensic Services (PFS) Ltd, Director	2012-present
Forensic Science Service	2001-2012
Principal/Consultant Forensic Scientist, Gunshot Residue	2005-2012
Forensic Scientist, Gunshot Residue	2001-2005
Pfizer Pharmaceuticals, Analytical Chemist	1998-2001

EARLIER CAREER

Trainee Analytical Chemist (SmithKline Beecham Pharmaceuticals)	1996-1997
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QUALIFICATIONS, AFFILIATIONS AND TRAINING

- First Class B.Sc. (Hons) in Forensic and Analytical Chemistry at Strathclyde University
- Quality Auditor
- Forensic Science Speciality Editor, The Journal of the British Academy of Forensic Sciences: Medicine, Science and the Law
- Professional Member of The Chartered Society of Forensic Sciences
- Member of the Expert Witness Institute
- Affiliate Member of the GSR Steering Committee for The Organisation of Scientific Area Committees (OSAC) for Forensic Science

AREAS OF EXPERTISE

- **Analytical Thinking:** A perceptive and astute individual who applies in-depth analytical skills to understand and interpret complex scenarios and results.
- **Communication:** An accomplished presenter who communicates at all levels in a professional, clear and unbiased manner.
- **Consultation:** Widely acknowledged expert and technical advisor in the field of gunshot residue who actively supports and promotes best practice and continuous improvement and developments in forensic science.
- **People Management:** An influential role model with the ability to lead and influence. Proactive in encouraging, mentoring and developing individuals with responsiveness and sensitivity.
- **Relationship Building:** Clear vision of customer requirement with proven track record of improving customer satisfaction. A confident negotiator and spokesperson who builds trust and rapport at all levels.
- **Project Management:** Extensive experience of managing both technical and non-technical projects collaborating with a range of stakeholders delivering results and key recommendations to demanding timelines.

PERSONAL

Date of Birth: 31st August 1974
Full EU Driving license

INTERESTS

Scuba diving (qualified PADI Rescue diver), long distance running, cooking, reading and travel.