

ROEBUCK FORENSICS

PERSONAL DETAILS



Name	Helen Roebuck
Address	PO Box 390, Sydney, NSW 2001
Contact No.	0431 954 694
Email	helen@roebuckforensics.com.au
Website	www.roebuckforensics.com.au

SKILLS & EXPERIENCE

Forensic biologist with over twenty years' experience in an operational forensic setting, handling and reporting in excess of 1,000 matters. Dedicated expert witness providing testimony in matters including homicide, serious assault, sexual assault and volume crime.

Offers expertise in, and undertakes annual proficiency testing in:

Biological fluid detection and confirmation

- Bloodstain pattern analysis
- DNA analysis and interpretation
- STRmix™ statistical evaluations of DNA evidence

Accepted as an expert and given evidence in the following courts:

- NSW State Coroner's Court
- NSW Local Court
- NSW District Court
- NSW Supreme Court
- NSW Supreme Court of Appeal
- NSW Coroners Court
- Victoria Supreme Court
- Victoria Supreme Court of Appeal
- Queensland Supreme Court
- South Australia District Court
- South Australia Supreme Court
- Tasmania District Court
- United Kingdom Magistrates Court
- United Kingdom Crown Court
- County Court of Northern Ireland

ROEBUCK FORENSICS

EDUCATION

2000	Bachelor of Science (Honours) Biomedical Science at University of Northumbria at Newcastle (UK)
Ongoing	Currently undertaking a PhD Centre for Forensic Science, University of Technology, Sydney

SELECTED CASES

R v Booker [2023] – County Court of Victoria
Evans v The Queen [2023] – Supreme Court of Appeal NSW
R v Smith [2022] – District Court Qld
R v Granaghan [2022] – Crown Court of Northern Ireland
R v Heeley [2022] - Vic
R v Mooney [2022] – District Court NSW
R v O’Meara [2022] – District Court TAS
R v Smith [2021] – District Court Qld
R v Tsakirios [2021] – District Court NSW
R v Lukaj [2021] – District Court SA
R v Chol [2021] – Vic
R v Perre [2021] – Supreme Court SA
R v Chee [2021] – Supreme Court Vic
R v Dukagjini [2021] – Supreme Court NSW
R v O’Keefe [2021] – Supreme Court Qld
R v Beattie [2020] – Supreme Court of Victoria
Rv Ke [2019] – District court NSW
R v TAL [2019] – Supreme Court Qld
R V Lowe [2016] – Supreme Court South Australia
R v Byrne [2020] – Supreme Court of Appeal NSW
R v Kabbout [2020] – District Court NSW
R v Castro Santafe [2020] – District Court NSW
Hassan V R [2018] – Supreme Court of Appeal NSW
JH v R [2017] – Supreme Court of Appeal NSW

ROEBUCK FORENSICS

ACADEMIA

2014 to Date	Centre for Forensic Science, University of Technology, Sydney Industry Fellow
--------------	--

EXPERIENCE

Aug 2023 to current	Roebuck Forensics Principal Forensic Scientist
---------------------	---

Jan 2012 to Aug 2023	Independent Forensic Services Principal Forensic Scientist
----------------------	---

June 2009 to Jan 2012	Senior Reporting Officer NSW Police Force Forensic Services Group
-----------------------	--

March 2009 to May 2012	Division of Analytical Laboratories Senior Forensic Biology Reporting Officer
------------------------	--

Feb 2001 to Jan 2009	Forensic Science Service, United Kingdom Forensic Biology Reporting Officer
----------------------	--

TRAINING COURSES UNDERTAKEN

- 23rd Triennial Meeting of the International Association of Forensic Sciences in conjunction with 26th Symposium of the Australian and New Zealand Forensic Science Society. (Sydney, Nov 2022)
- Assessing and reporting transfer evidence. (IAFS Workshop, Nov 2023)
- Bayesian networks and activity level reporting: Advanced. (ISFG – Online September 2023)
- ISHI Workshop: Applying a Casework Assessment and Interpretation Approach to Probabilistic Genotyping Results. (Online November 2022)
- 25th International Symposium on Forensic Science 'Forensics: Designing the future'. (ANZFSS – Brisbane September 2022)
- ISFG Workshop: Evaluative reporting for contact traces/activity level reporting (online August 2021)

ROEBUCK FORENSICS

- 31st International Symposium on Human Identification (ISHI) (online, Sept 2020)
- Arguing the case for DNA evidence based on probabilistic genotyping:(workshop ISHI online, Sept 2020)
- Validation Principles, practices, parameters, performance evaluations and protocols (workshop ISHI online, Sept 2020)
- STRmix™ User Training (Auckland 2016)
- 23rd International Symposium on the Forensic Science “Together Informing Justice” (ANZFSS – Auckland Sept 2016)
- 22nd International Symposium on the Forensic Sciences “Detect: Decipher: Deliver: The future of Evidence” (ANZFSS – Adelaide 2014)
- 25th Congress of the International Society of Forensic Genetics (Melbourne 2013)
- Effective Forensic Science: Are we using our Experts Effectively? (AAFS symposium - Sydney 2013)
- 21st International Symposium on the Forensic Sciences “Convict to Criminalistics: Past, Present and Future” (ANZFSS - Hobart 2012)
- Genetics in the court’s seminar (Sydney Forensic Network – Sydney 2012)
- Human Identification Field Application Specialist Training (Life Technologies – Singapore 2011)
- Impressions and Expressions, Expert Evidence in Report and Courts (AAFS symposium – Sydney 2011)
- Provision of expert evidence (Forensic Foundations – Sydney 2010)
- Interpretation of Complex DNA Profiles (ANZFSS Workshop hosted by Peter Gill and John Buckleton – Sydney 2010)
- 20th International Symposium on the Forensic Sciences “Forensic Science on Trial” (ANZFSS – Sydney 2010)
- 1st Interpol Australasian Regional DNA Symposium (AFP – Sydney 2010)
- Blood pattern analysis (2005)
- DNA mixtures (2004)
- Body fluid identification and DNA analysis (2002)

PRESENTATIONS TO LEGAL PROFESSIONALS

- Queensland Law Society Criminal Law Conference – August 2023
- Northern Territory Law Society Criminal Lawyers – March 2023

ROEBUCK FORENSICS

- Australian Defence Lawyers Association Conference – March 2022
- Victorian Bar Continuing Professional Development – May 2020
- Victoria Legal Aid Criminal Lawyers – 2019
- Papua New Guinea Lawyers Legal Training Workshop – January 2019
- Queensland Law Society Criminal law DNA masterclass – May 2018
- University of Wollongong LLM Expert Evidence Training – July 2017
- South Australia Law society – August 2016
- Queensland Law Society Criminal Law Conference – September 2016
- NSW Legal Aid criminal law conference – April 2015

PROFESSIONAL MEMBERSHIPS

Australian and New Zealand Forensic Science Society (ANZFSS), professional member

International Society of Forensic Genetics (ISFG)

International Association of Blood Pattern Analysts

Australian Academy of Forensic Sciences

Chartered Society of Forensic Sciences

OTHER

NSW Justice of the Peace

TESTIMONIALS

Recent testimonials from legal professionals are available on request

