APPLICATIONS ARE OPEN FOR FEBRUARY 2024 REGISTRATION FOR PhD STUDENTSHIPS
Three PhD studentships are available on a competitive basis in the following areas 1) Forensic Genetics (Innovative approaches to intelligence and evidence), Anti-Doping Science (Steroid profiling using GC-C-IRMS) and Forensic Traces (Analysis of chemical evidence)

ADVERT GO LIVE DATE: 1st September 2023
DEADLINE FOR CLOSE OF APPLICATIONS IS: 21st September 2023
PANEL INTERVIEW DATE: week commencing 1st October 2023
START DATE: February 2024 (TBC)

OVERVIEW
King's Forensics houses 3 UK Accreditation Service (UKAS) accredited laboratories within its footprint, a mass spectrometry service and expertise in forensic science casework and evaluation. As well as extensive engagement in education (UG, PGT, executive and open access) our impact and knowledge transfer has been significant in recent years. We seek to 'serve the needs and aspirations of society' on behalf of King's College London. Our impact has been endorsed in the 2021 Government Research Excellence Framework where King's Forensics was recognised for 4 case impact studies (ICS): Anti-Doping-Sports Medicine (Sochi, Russian Anti-Doping corruption investigation); Public Health (Drug-Driving detection), Anti-Doping Chemistry (analytical advances to detect cheating in sport) and Biological Sciences (fingermark and trace evidence to detect wildlife crime). King's Forensics has internationally respected expertise that is symbiotically linked to advanced practical skills in sophisticated analytical techniques such as Liquid Chromatography (LC) tandem Mass Spectrometry (MS), High Resolution and Quadrupole Time of Flight (QTOF) Mass Spectrometry, as well as hyphenated Gas-Chromatography (GC) technologies including GC-Isotope-Ratio Mass Spectrometry (IR-MS). We additionally utilise state of the art MiSeq FGx Forensic Genomics System and next-generation sequencing (NGS). King's Forensics carries out research across 6 main themes including Anti-Doping Science, Forensic Genetics, Forensic Traces, Forensic & Analytical Science, International Forensics and Digital Forensics & Cybercrime. **We are recruiting three PhD students to join the forensic genetics, anti-doping science and forensic traces teams.**

TRAINING & SUPERVISION
As an integral part of the King's Forensics PhD programme, these PhD students will join the 2024 cohort and benefit from a course of graduate training as part of their studies. In addition, each student will have a primary and secondary supervisor and will undergo extensive training in the operation and maintenance of the instruments they will use. Additional bespoke support will be provided by the supervisory team as needed.

ENTRY REQUIREMENTS

A first degree in a scientific subject and a second degree demonstrating some specialism in laboratory based analytical or forensic science. A covering letter detailing your chosen area of research and the rationale for your application should be included.

FUNDING

Tuition Fees will be covered as well as a stipend offered over 4 years at UKRI standard rates for studying in London Consumables will be covered by the supervisory team. Part-time study will also be considered.

HOW TO APPLY

Applications should apply to King's College London PhD application portal (https://apply.kcl.ac.uk/). Select Cancer and Pharmaceutical Science Research MPhil/PhD programme and note King's Forensics PhD programme with Kim Wolff (Anti-Doping), Denise Syndercombe Court (Forensic Genetics/Eurofins), and Matteo Gallidabino (Forensic Traces) as supervisors by **21 September 2023.** You should apply as soon as possible.

For more information, please contact the academic lead: Professor Kim Wolff, MBE, Director of King's Forensics, School of Cancer & Pharmaceutical Sciences, Faculty of Life Sciences & Medicine, King's College London.
Kim.wolff@kcl.ac.uk