

# Ross Kwok

GENETICIST

Edinburgh, Scotland

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*I am a XXX. I have worked on XXX. I am a proponent about XXX. This CV is version controlled and compiled with code.*

## Education

### PhD in Forensic Science: Evaluating the Viability of Obtaining DNA Profiles from DNA Encapsulated Within the Layers of Counterfeit Banknotes

STAFFORDSHIRE UNIVERSITY

2019 → 2022

- Research Chapter 1: Evaluation of DNA in Counterfeit Banknotes.
- Research Chapter 2: Simulated Procedural Study to Evaluate the Presence of DNA in Composite Counterfeit Banknotes.
- Research Chapter 3: Genetic Evaluation of Counterfeit Banknotes.

### Msc First Class in Forensic Science

STAFFORDSHIRE UNIVERSITY

2017 → 2018

### Msc in Genetics

UNIVERSITY OF ABERDEEN

2016 → 2017

### BSc (Hons) Upper Second Class in Zoology

UNIVERSITY OF ABERDEEN

2012 → 2016

## Employment

### Sales Assistant

THE WORKS

Edinburgh, Scotland

May 2016 → September 2016

- Position focussed on customer service and relations.

### Volunteer

CHENGDU PANDA BREEDING RESEARCH BASE

Chengdu, China

2015 →

- Husbandry and care for pandas as part of a conservation project.

### Volunteer

NATIONAL TRUST

Edinburgh, Scotland

2022 →

- Assisted in the construction of a 'roundhouse'.

### Volunteer

OXFAM RECORD STORE

Edinburgh, Scotland

2012 → 2016

- Sales assistant.

## Skillset

### Computer software

WORD, EXCEL, AND RELATED MICROSOFT SOFTWARE

### Statistical software

MINITAB, SPSS, AND (SOME) R

### Genomic software

MRBAYES, DNASP, FINCHTV, CLC, FIGTREE, ARLEQUIN, CLUSTALX, PROSEQ, BLAST, FUNCASSOCIATE, MULTIARRAY VIEWER, GENEMAPPER

### Laboratory skills

POLYMERASE CHAIN REACTION TECHNIQUES (QPCR), DNA/RNA EXTRACTION (PHENOL CHLOROFORM, CHELEX RESIN, SILICA SPIN COLUMNS AND MAGNETIC BEAD EXTRACTIONS), GEL ELECTROPHORESIS, AGAROSE GEL DIGESTION, CAPILLARY ELECTROPHORESIS, PCR THERMOCYCLERS (BOTH FOR STANDARD PCR AND QPCR), FUME HOODS, GEL ELECTROPHORESIS EQUIPMENT, HEAT BLOCKS, QUBIT FLUOROMETER AND NANODROPS

## Forensic skills

GRIM, MSP, PLM, TLC, FINGERPRINT ANALYSIS, DNA PROFILING, BLOOD SPATTER AND PRESUMPTIVE AND CONFIRMATIVE BODY FLUID TESTING

## Languages

ENGLISH (FLUENT), CANTONESE (FLUENT)

## Conferences

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### Guest speaker

*The Centre for Crime, Justice and Security, University of Staffordshire*

TITLE: AN EVALUATION OF TWO ADHESIVE MEDIA FOR THE RECOVERY OF DNA FROM LATENT FINGER-MARKS: A PRELIMINARY STUDY

2022

### Guest speaker

*The Centre for Crime, Justice and Security, University of Staffordshire*

TITLE: EVALUATING THE VIABILITY OF OBTAINING DNA PROFILES FROM DNA ENCAPSULATED WITHIN THE LAYERS OF COUNTERFEIT BANKNOTES

2022

### Presenter at The 28th International Congress of the International Society of Forensic Genetics

*Prague*

TITLE: XXX

2019

## Publications

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### Evaluating the viability of obtaining DNA profiles from DNA encapsulated between the layers of composite counterfeit banknotes.

*Forensics Science International Genetics International: Genetics Supplement Series, 7, pp. 438-440*

KWOK, R., KENNY, D. AND WILLIAMS, G.A.

2019

• <https://doi.org/10.1016/j.fsigss.2019.10.043>

### An evaluation of two adhesive media for the recovery of DNA from latent fingerprints: A preliminary study.

*Forensic Science International, [online] 344(4), 111574*

KWOK, R., PARSONS, R., FIELDHOUSE, S. AND WALTON-WILLIAMS, L.

2023

• <https://doi.org/10.1016/j.forsciint.2023.111574>

## Memberships

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### Chartered Society of Forensic Science

### International Society of Forensic Genetics