

# FORENSIC SCIENCE

## IN THIS ISSUE...

Catch up with our latest website news articles and meet some of the team. Click on the arrows to read more.

### NEW FACES

Mark 'Zack' Newton joined us in March. He's a former police officer with 31 years' service, including 15 years as a Drugs Expert Witness. He has a particular specialism in text message interpretation and valuations for POCA.

### IN OTHER NEWS...

- What is reconstruction?
- Diary of a fingerprint specialist
- Can you be nudged into making better motorcycle riding decisions?
- "Not every fingerprint is unique"
- Diary of a drugs expert
- Do you know the 2022 Highway Code Changes?



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## Digital Forensics Update

### Digital forensics document analysis

"Is this document genuine?" is a deceptively difficult question to answer, for a number of reasons. Ross Donnelly explains why, and illustrates with several case examples.



### Artificial Intelligence in Digital Forensics: a force for good or bad?

AI has dominated headlines as the technology rapidly evolves. It's undeniable that there will be an impact on the legal system and, in the context of digital forensics casework, the question arises: is AI a force for good or bad?



### Sexual Harm Prevention Orders - a breach too far?

SHPOs play an important role in keeping vulnerable people and, in particular, children, safe. It is critical to receive impartial technical advice in cases relating to breaches of these orders, as the issues involved can often be complex and sometimes without a defined answer.



## Drugs & Toxicology Update

### Navigating low-THC cannabis regulation

The case of R v Margiotta has implications for pre-Brexit importation of low-THC in England & Wales, highlighting the need to review regulations given the non-narcotic status of such substances.



### Nitazenes - does it ever end? No!

Over the past few years, we have seen the emergence of yet another group of synthetic opioid drugs known as nitazenes (or benzimidazoles). Julian Dunnill discusses manufacture, usage patterns and analysis.



### Kush - an African dread or worldwide spread?

There have been recent reports of a 'new' drug being used in West Africa going by the name of 'Kush'. What do you need to know about this latest smoking mixture?



### The Gold Standard Paradox: BMPEA false positive confirmation for amphetamine in toxicology

BMPEA is a non-controlled amphetamine derivative appearing in at least one dietary supplement in the UK. Given that it could find its way into hair, urine or blood tests, have laboratories adapted their 'gold standard' methods to make sure they can distinguish it from amphetamine?



An opportunity to meet the team...

## REMI OGUNBONA

Forensic Scientist: Cell Site Analysis



### How long have you been a forensic scientist?

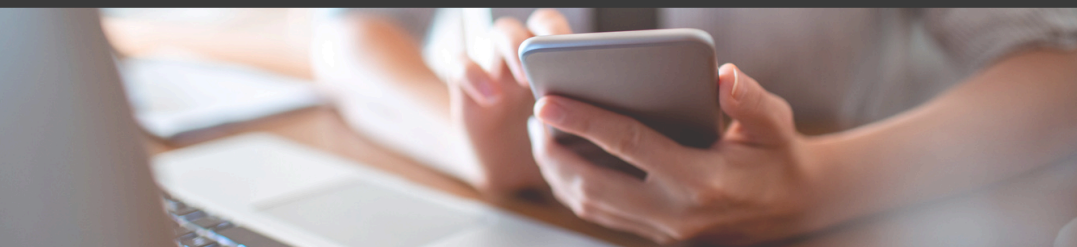
Since 2015, when I got involved with Call Data Records (CDRs) and Cell Site Analysis in High Risk Missing Persons cases at South Yorkshire Police.

### What aspects of the job do you find most interesting?

My 8-year-old will tell you it's spotting cell sites when we're on a road trip! But I find anything within mobile telecommunications interesting. The fact that so much information can be gleaned from a mobile telephone number, even when not in the possession of the physical phone, is fascinating. In more recent times, the fall of Encrochat and the subsequent reliance on Cell Site Analysis to attribute clean and dirty phones to individuals has been a testing, but interesting, development.

### What are your specialisms?

Having spent 4 years conducting and interpreting Radio Frequency survey measurements before joining Keith Borer Consultants, I am well-versed in dealing with this element of Cell Site Analysis. I excel at interpreting the results of the survey and contextualising them alongside the CDRs.



### @KBCforensics

You can follow Keith Borer Consultants on social media for up to date details of CPD training seminars for solicitors and barristers, links to news articles that may be useful to your case and, of course, details of our experts and what we do.

### CrimeLine CPD Podcasts

If you are a CrimeLine subscriber, you can catch up with the experts at KBC in a series of forensic podcasts. Topics include CBD oil, IP addresses & cloud storage, fingerprints, indecent imagery, DNA, fire investigation and handwriting analysis. Look out for new podcasts being added to the series. You'll find them under CPD.



## SERVICES

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