# Comprehensive Analysis of the Bryan Kohberger Case

## Case Study by Simon Tanenbaum certified InfoSec computer forensics specialist

### Introduction

Bryan Kohberger was charged in connection with the Idaho college student homicides — a case that has drawn national attention. By examining the case through a forensic, technical, legal, and behavioral lens, we can see why the evidence against him was overwhelming and why a plea deal became the only logical legal option.

## **Technical and Digital Evidence**

The first major pillar of evidence was the robust digital trail. Kohberger's movements were tracked using cell tower pings, hexadecimal MAC address logs from his phone's network interface card, and surveillance camera footage with forensic timestamps. In addition to passively pinging local networks, his phone also queried open WAN (wide area network) access points and pinged ISP infrastructure. In such cases, the prosecution can subpoena the ISP to obtain detailed forensic logs, metadata, and MAC address information, further corroborating location and movement evidence.

Notably, the digital evidence was explicitly cited by the District Attorney as the primary reason the case was resolved with a guilty plea, emphasizing the crucial role of digital forensics in criminal cases as of 2025. Additionally, surveillance camera footage with NTP-based (Network Time Protocol) forensic time synchronization was also explicitly cited by the DA as a key factor supporting the plea deal, providing irrefutable corroboration of timeline and movement.

Importantly, such surveillance footage can be digitally extracted from the hard drive it resides on using hexadecimal or binary forensic decoders or tools like Autopsy. This process can provide detailed cache timing, file system forensic timestamps, NTP-based timing data, and even raw IP metadata associated with the file. Analysts can further inspect these artifacts using tools like grep on Linux to search and verify specific hexadecimal strings or file signatures within raw disk images. Unless such evidence has been subjected to destructive processes (e.g., formatting or secure wiping), it remains recoverable through hexadecimal decoding and binary reconstruction. Only when a drive is wiped to a binary state of all zeros (or overwritten multiple times) is full recovery effectively prevented.

Furthermore, since the subject purchased weapons off Amazon and attempted to delete that history, forensic imaging software such as FTK Imager used within Autopsy can be employed to create a forensic image of the subject's computer. This allows for recovery of deleted, hidden, or otherwise obscured data, including purchase history and related digital artifacts.

#### **DNA Evidence**

Touch DNA on a knife sheath left at the crime scene provided a strong statistical match, virtually impossible to dispute when combined with other evidence.

### **Behavioral and Psychological Profile**

Kohberger's background in criminal science and fascination with violent crime suggested sociopathic tendencies and an intention to learn investigative methods to evade detection. His demeanor reinforced a cold, calculated profile consistent with premeditated violence.

## **Legal Strategy and Plea Decision**

The convergence of DNA, digital, and video evidence created a "total evidence net," making conviction at trial almost certain. A plea deal to avoid the death penalty and secure life imprisonment was the only rational legal option.

Notably, during hearings, defense counsel filed multiple motions to stop or withhold evidence from trial proceedings, aiming to limit or suppress evidence that would strengthen the prosecution's case and further prove Mr. Kohberger's guilt. Additionally, the defense attempted to argue that Mr. Kohberger has Asperger's syndrome in an effort to claim he was not cognitively aware of his actions, potentially arguing a "non compos mentis" (not of sound mind) defense to reduce culpability. This non compos mentis argument is a legal risk mitigation tactic for the client, as the defense counsel is ethically and professionally responsible for exploring every possible strategy to protect the defendant's legal interests.

#### Conclusion

Bryan Kohberger's case exemplifies the modern power of integrated forensic analysis, merging digital footprints, biological evidence, surveillance data, and behavioral profiling into a unified narrative. His plea decision was not just expected — it was inevitable.