

## **S583: Whodunit? How to Use DNA to Solve Crimes**

Here are some articles for further reading, if you're interested!

<https://www.nature.com/scitable/topicpage/forensics-dna-fingerprinting-and-codis-736/>

Good overview of forensic DNA collection and some of the issues related to it.

<https://cen.acs.org/articles/95/i37/Thirty-years-DNA-forensics-DNA.html>

Slightly more technical overview of these topics.

<https://www.cnn.com/2017/06/09/health/dna-technology-forensic-evidence/>

Historical perspective and some more key cases.

<https://www.fbi.gov/services/laboratory/biometric-analysis/codis/codis-and-ndis-fact-sheet>

The FBI's fact sheet on CODIS.

<https://www.fbi.gov/services/laboratory/biometric-analysis/codis/ndis-statistics>

CODIS data by state.

<https://www.theatlantic.com/magazine/archive/2016/06/a-reasonable-doubt/480747/>

False conclusions and issues of incompetence in DNA testing.

<https://www.nature.com/articles/d41586-020-02545-5>

The controversy surrounding Parabon Nanolabs' racial profiling methods.

<https://www.nist.gov/featured-stories/dna-mixtures-forensic-science-explainer>

More details about the "mixture problem" concerning trace amounts of DNA.