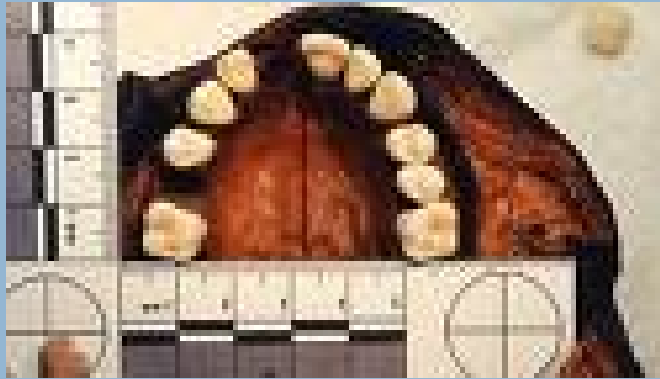


THE FORENSIC SCIENCE PARADOX

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Outline

- First Generation vs. Second Generation
- Concerns:
 - Procedural
 - Evidentiary
 - Dignitary
- Conclusion



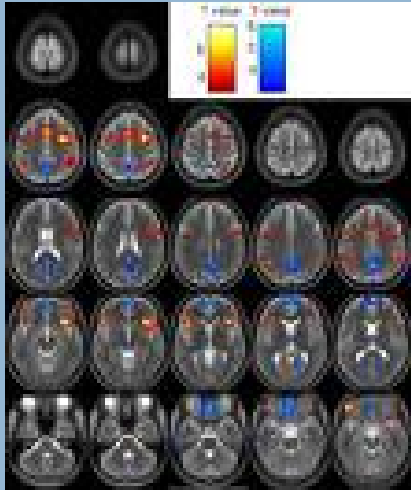
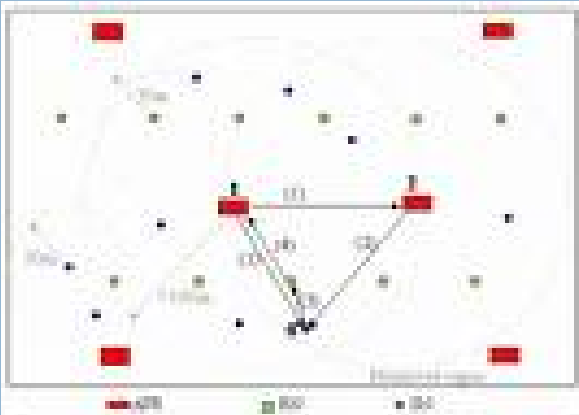
Your baby sitter.

Your baby sitter.

Your baby sitter.

Your baby sitter.





“Second Generation” characteristics

- Applies broadly across wide range of offenses
 - Scientifically robust
 - Mechanically sophisticated
 - Database-based and investigative
- Implicates privacy/proprietary interests

Outline

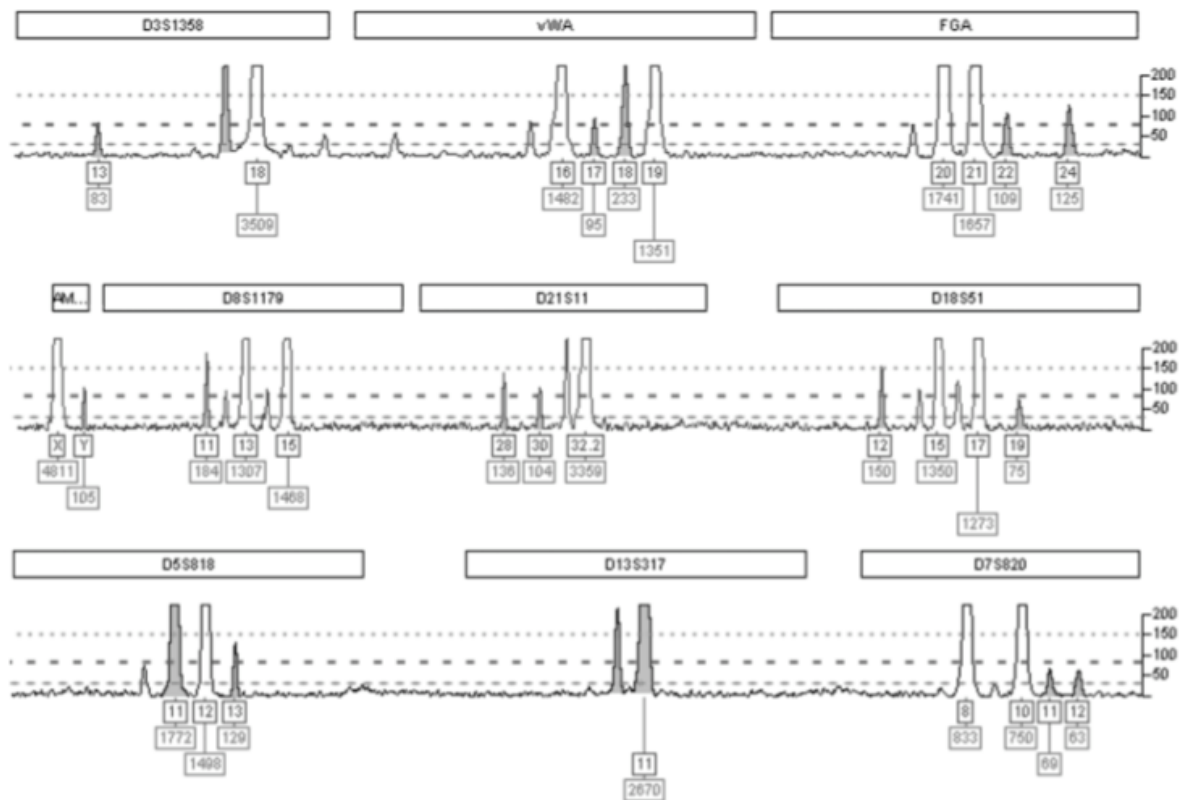
- First Generation vs. Second Generation
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Your baby sister.

Your baby sister.

Your baby sister.

Your baby sister.



Procedural Concerns

- Adversarial (defense) analysis less likely.
- Even when conducted, too costly, cumbersome, & case-specific to be thorough.
- Even when sought, and effective at uncovering problems, it is difficult to get people to listen.

Evidentiary Concerns

- Error rates
 - ▣ case-specific vs. structural errors
- Hearsay
 - ▣ Lab reports
- Burden-shifting temptations
 - ▣ Witness appropriation
 - ▣ Missing evidence arguments
 - ▣ Consciousness of guilt arguments

Dignitary Concerns

- Individual defendant
- Crime victims
- Community

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