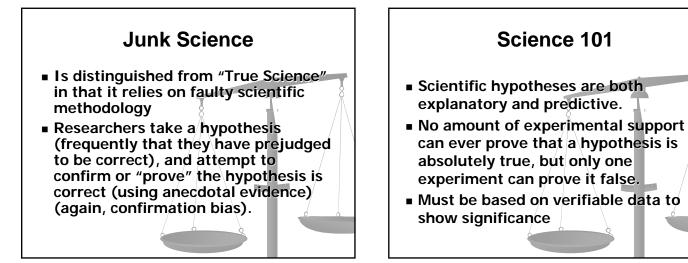
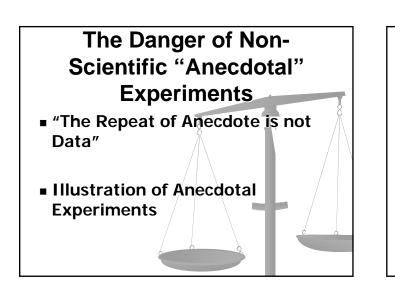
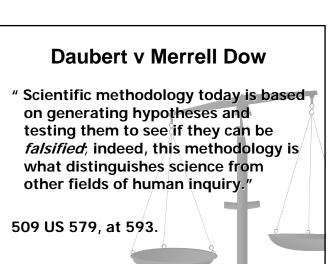


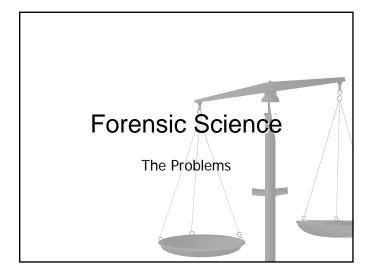
The "True" Scientific Process

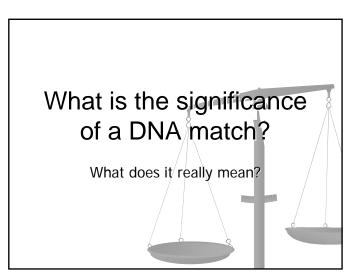
- Takes a hypothesis, and conducts experimentation (collecting data) to disprove that hypothesis
- To prove a theory using the scientific process, you must try to disprove it
- You do not prove a theory true by looking for facts that support it (problems with confirmation bias)



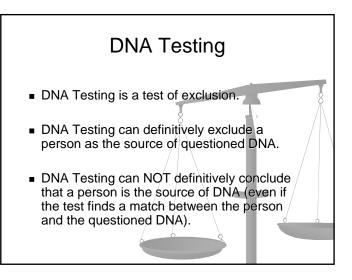


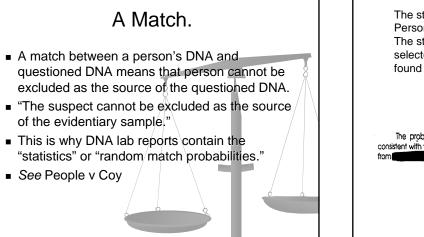






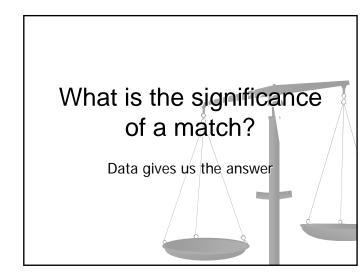
Apparent Causes of **Erroneous Convictions** Eyewitness errors 74% Forensic science Erroneous 66 Fraudulent/Exaggerated 31 Police misconduct 44 Prosecutorial misconduct 40 Bad Lawyering 28 False confessions 19 Dishonest informants 17 False witness testimony 17





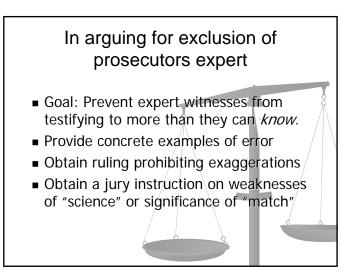
The statistics DO NOT giv Person E is the source of The statistics give the pro selected at random would	the DNA found in Item D. bability that a person
found in Item D.	8
	g an unrelated individual with a DNA profile knob (them D) and the reference blood sample lation are as follows:
Population Database	Frequency
African American	1 in 280, 000, 000
Caucasian) in 730, 000, 000
Hispanic	1 in 3, 750, 000, 000
Hisportic	1110,700,000,000

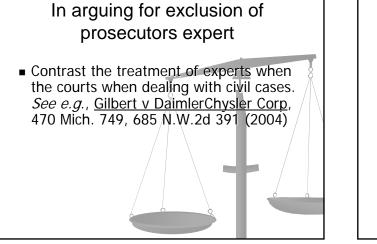
The DNA profile obtained from blood tok evidence of a mixture, CONTRIBUTOR to the DNA profile and MAJOR CONTRIBUTOR to the DNA profile obta	(Item A) CANNOT BE EXCLUDED AS THE	
The DNA profile obtained from blood tak from the right shoulder of the jersey (Item C, Ar Area 2) IS CONSISTENT WITH the DNA profile of		
The probabilities of randomly selecting consistent with the blood taken from the door from		
<u>Population Database</u> African American Caucasian Hispanic	Erequency 1 in 280,000,000 1 in 730,000,000 1 in 3,750,000,000	







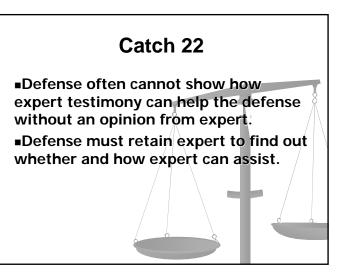




Difficulty in obtaining funds from trial court

- Expensive: Trial courts not willing to throw money away for "needless experts."
- Legal hurdles: People v Tanner, 469 Mich. 437 (2003): It is not enough for defense to show a possibility of assistance for a requested expert. "Without an indication that the testimony would benefit the defense..." a trial court does not abuse its discretion in denying a defense motion for appointment of an expert witness. The defense must show that he cannot safely proceed to trial without such expert assistance.



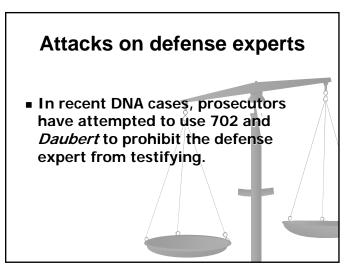


Solution?

- Try 2-step approach.
- Ask Court to permit Defense a minimal amount for consultation.
- Then if after consultation, Defense can show appropriate nexus between expert's opinion and ability to safely proceed to trial, then ask Court to authorize more funds.

Specifics of attack

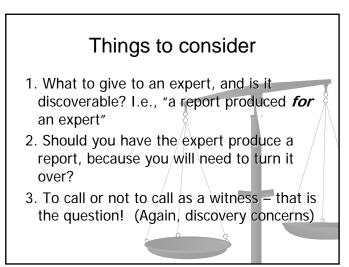
- Judges in other jurisdictions have questioned impartiality of this particular expert's opinion
- Defense expert is not forensic scientist / does not work in crime lab

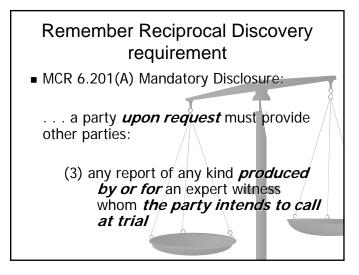


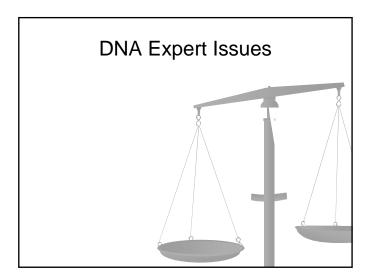
Neither of these attacks has any merit under 702

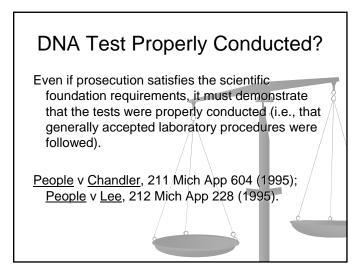
- new MRE 702 does not change the standards for qualification of an expert. The new MRE 702 changes the standards for the introduction of scientific or expert testimony. These are two different concepts.
- Under both former and current MRE 702, "...a witness [can be] qualified as an expert by knowledge, skill, experience, training, or education...."
- Impartiality is no longer a requirement for admissibility of an expert. That was an issue under the old Frye rule and it only applied to the proponent of a novel technique or theory.

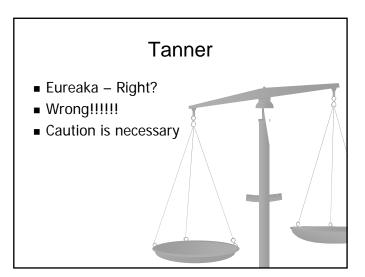


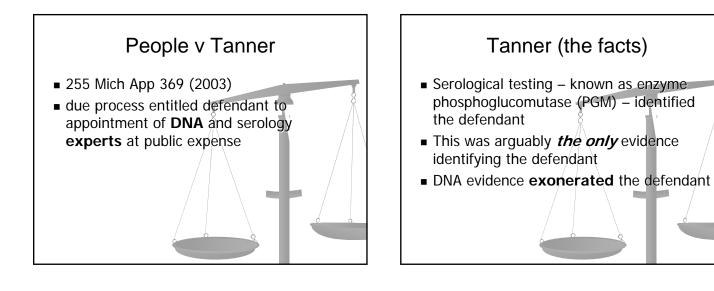


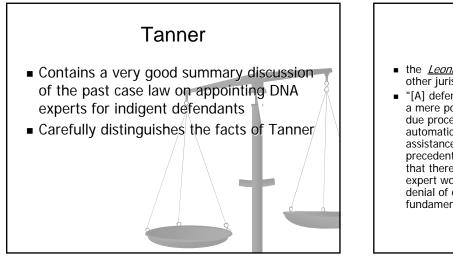


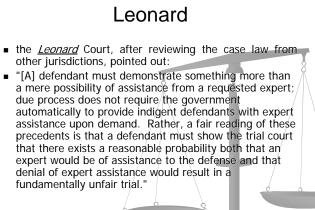












People v Leonard

- 224 Mich App 569 (1997).
- "[u]nder the Due Process Clause, states may not condition the exercise of basic trial and appeal rights on a defendant's ability to pay for such rights." *quoting* <u>Ake v Oklahoma, 470 U.S. 68 (1985)</u>



[C]onsistent with the majority of courts, other than psychiatric experts, a defendant is entitled to the appointment of an expert at public expense only if he cannot otherwise proceed safely to trial without the expert. <u>MCL 775.15</u>. In other words, a defendant must show a nexus between the facts of the case and the need for an expert.



- The <u>Leonard</u> Court found that the trial court erred in granting the defendant a new trial on the basis that the defendant was entitled to a **DNA expert**.
- Specifically, <u>Leonard</u> held that the trial court erred in finding that the defendant was entitled to a **DNA expert** simply because **DNA** evidence was being offered against him.

Tanner

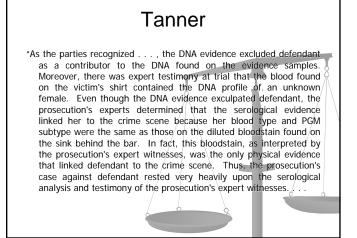
- Used the Leonard rationale
- "To determine whether defendant is entitled to such expert assistance we first consider whether she could otherwise proceed safely to trial without these experts. If defendant could not do so, we then consider whether she was prejudiced and received a fundamentally unfair trial as the result of not having expert assistance. If defendant was so prejudiced, then reversal . . . of her conviction is required."

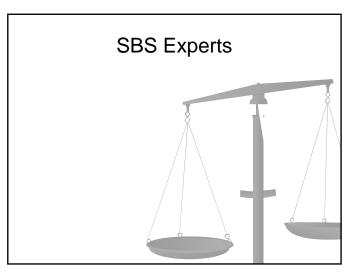
Leonard

However, even assuming that the defendant was erroneously deprived of a **DNA expert**, <u>Leonard</u> stated that any error by defense counsel or the trial court in depriving an indigent defendant of the appointment of an expert is grounds for reversal only "if [the] defendant was prejudiced and received a fundamentally unfair trial as the result of not having expert assistance."

Tanner (the holding) "We believe that the trial court erred in depriving defendant of expert assistance

depriving defendant of expert assistance in the areas of DNA and serology because she could not otherwise proceed safely to trial without such assistance."





Tanner • "Given the critical role of the DNA and blood evidence in this case, it was absolutely essential for defendant to have been provided with expert assistance in the areas of both DNA analysis and serology in order to have a meaningful opportunity in which to prepare her defense against the charges and to respond to the prosecution's three expert witnesses at trial."

SBS Experts

- The kind of expert you need largely depends upon if the child lived or died.
- If the child lived, you need an expert in head injuries, specializing in pediatrics (like a pediatric neurosurgeon).
- Finally, in both cases you will likely need a radiologist to read scans (again, specializing in pediatric head injuries).



