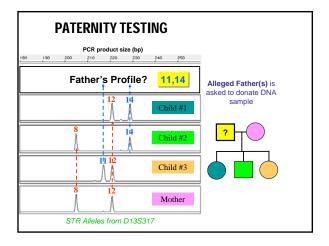
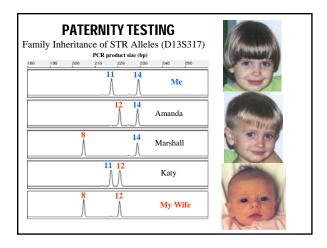


Applications of Human Identity Testing

- Forensic cases -- matching suspect with evidence
- Paternity testing -- identifying father
- Missing persons investigations
- Military DNA "dog tag"
- Convicted felon DNA databases
- Mass disasters -- putting pieces back together
- · Historical investigations and genetic genealogy

Involves generation of DNA profiles usually with the same core STR (short tandem repeat) markers and then MATCHING TO REFERENCE SAMPLE





Tsunami Survivor "Baby 81" Connected to His Parents with DNA

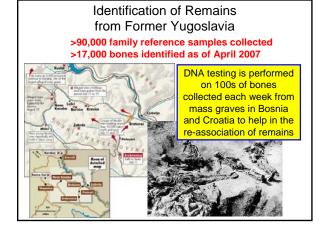
Wednesday, March 2, 2005 Posted: 9:27 AM EST (1427 GMT)

NEW YORK (AP) -- The parents of the infant tsunami survivor nicknamed "Baby 81" say they found it difficult to feel overjoyed about their reunion in the midst of so much tragedy. The 4-month-old Sri Lankan baby and his parents, who were reunited after court-ordered <u>DNA tests proved</u>

<u>their relationship</u>, appeared on ABC's "Good Morning America" Wednesday, a day after their 20-hourlong flight landed in New York.

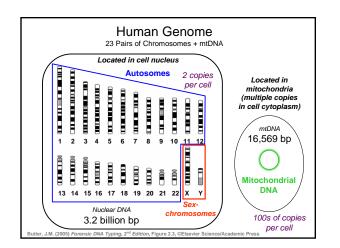


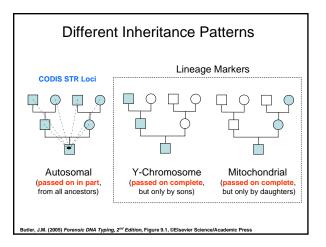
http://www.cnn.com/2005/US/03/02/baby.81.ap/index.html

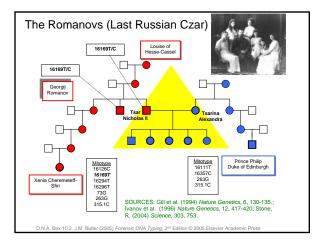


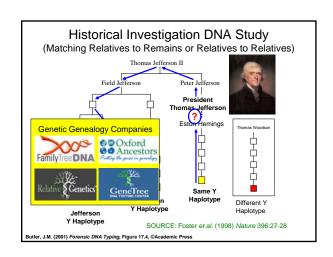


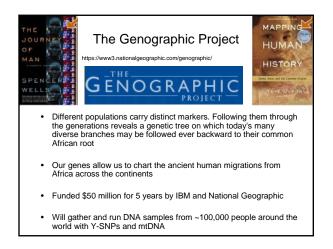


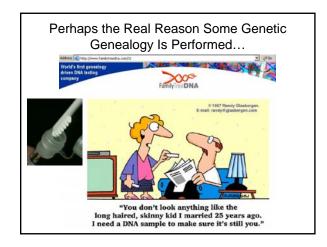


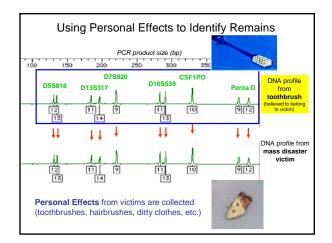


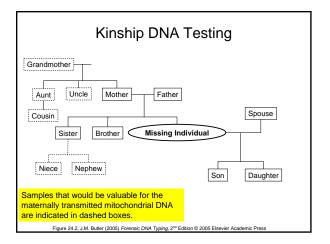


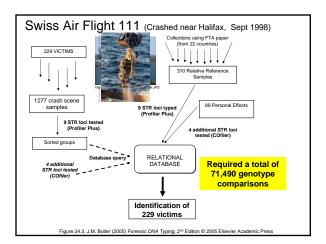


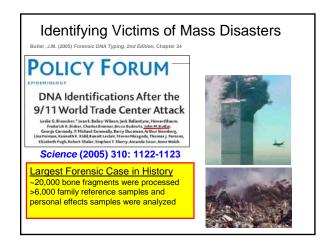












StrBase Short Tandem Repeat DNA Internet Database http://www.cstl.nist.gov/biotech/strbase		
General Information	Forensic Interest Data	Supplemental Info
Intro to STRS (downloadable PowerPoint) STR Fact Sheets Sequence Information Multiplex STR Kits Variant Allele Reports Training Slides	FBI CODIS Core Loci DAB Standards NIST SRMs 2391 Published PCR Primers Y-Chromosome STRs Population Data Validation Studies miniSTRs	Reference List >2500 •Technology Review •Addresses for Scientists •Links to Other Web Sites •DNA Quantitation •mtDNA •New STRs •Forensic SNPs
New information is added regularly		

Conclusions This is an exciting time to be involved in forensic DNA testing However, it is a little scary because technology is advancing so rapidly on some fronts

 Thus, training for both the scientific and legal communities is vital to make the most effective use of the wonderful power of DNA technology

