

http://a3Genealogy.com



# DNA: Our Love - Hate Relationship

What causes some to jump with joy, and others to cry from confusion? What might bring down brick walls, or factualize family folklore? What slips out family secrets, or can shatter our self-identity? What has caused a boost in biotechnology, and anxiety of anonymity? Longed for by law enforcement, Catches cold-case criminals, Connects us to new cousins, and ... Discloses the Network of our Ancestry?<sup>©</sup>

# **DNA** = *Deoxyribonucleic* Acid

## 8 Top a3GenealogyDNA Questions?

- 1. Who Are These **cousins**?
- 2. Am I Native American?
- 3. What's My "real" surname
- 4. What is the significance of the **haplogroup**?
- 5. Can DNA uncover health hints?
- 6. Can I identify my biological unwed mothers
- 7. My father was an unknown soldier, can he be identified?
- 8. I was a child of war; can you connect me to my biological family?

# Bringing Down Brick walls using DNA

- verify a possible point of origin and migratory path of ancestors
- surname-based family tree reconstruction
- identify kinships by "most common recent ancestor" MCRA
- medical genealogy

#### Uses of DNA Brick walls

- Forensic Genealogy Cases
- Medical Hints look at health genes
- Adoption Cases
- Ethnic Breakdowns / Heritage
- Cross-Gender Tests



## Non-Paternity Event (NPE):

- adoptions
- slave holder relationships to slaves
- illegitimate births
- step-parent
- extramarital affair

## DNA Resources

- Genetic Genealogy <u>http://blog.a3genealogy.com/search?q=dna</u>
- Native American DNA https://blog.a3genealogy.com/2022/03/native-american-dna.html
- Family Tree DNA Learning Center <u>https://learn.familytreedna.com/dna-basics/</u>
- 23andMe Blog Posts <u>https://blog.23andme.com/?s=learning</u>
- FlipBoard Magazine: DNA for Genealogists <u>https://flipboard.com/section/dna-for-genealogists.--bNAAyb</u>

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