Use Lucidchart to Enhance Your Genetic Genealogy Reports and Presentations

Caileigh McGraw Oldroyd

caileigholdroyd@familysearch.org

COURSE DESCRIPTION:

Learn to create professional pedigree charts and illustrate difficult concepts like DNA Relationships, Inheritance Patterns, and Segment Mapping in your reports and presentations using Lucidchart.

COURSE OBJECTIVES:

While Lucidchart is not specifically designed for genetic genealogy, it can still be utilized to create visual representations and diagrams that help illustrate and organize genetic genealogy data across multiple different DNA companies. Here's how Lucidchart can be used to support your genetic genealogy research reports:

1. **Pedigree Charts:** Use Lucidchart to create pedigree charts that visually represent your genetic family tree. You can include information about ancestors, descendants, and their relationships. This can help you visualize the genetic connections between individuals in your family. You can do this by manually entering the data, or by uploading a CSV of relationship information.

2. **Inheritance Patterns:** Lucidchart can be used to illustrate genetic inheritance patterns, such as autosomal, X-linked, Y-linked, and mitochondrial inheritance through Kinship Diagrams. These diagrams can aid in explaining how specific genetic traits or markers are passed down through generations.

3. **Segment Mapping:** If you're analyzing DNA segments and chromosome mapping, Lucidchart can help you create diagrams that show the locations of shared DNA segments among different individuals. This can be particularly useful for identifying segments of shared DNA and potential common ancestors. You can use conditional formatting in Lucidchart to search for and flag the shared DNA.

4. **Genetic Reconstruction:** Use Lucidchart to create diagrams showing the ancestral origins of different DNA segments or markers.

5. **Dana Leed's Method:** Use Lucidchart to showcase clusters of matches and visualize close cousin relationships.

6. **Research Planning:** Lucidchart can also be used for planning and organizing your genetic genealogy research. You can create flowcharts to outline your research process, track DNA samples, and document your findings.

7. **Data Visualization:** Lucidchart's visualization tools can help you represent complex genetic data in a more understandable format. For example, you can use bar charts, pie charts, and other graphical elements to show the distribution of genetic markers or shared DNA segments.

8. **Collaboration:** You can collaborate with other genetic genealogy researchers by creating shared diagrams in Lucidchart. This can help you collectively analyze DNA data, identify connections, and refine your genetic research.

RESOURCES:

Lucidchart templates used in presentation: [Link](#)

Lucidchart Learning Center: [Link](#)