D-Prep Presents
Investigative Genetic Genealogy

Location: Tempe Police Department
1855 East Apache Blvd
Tempe, AZ 85281

Dates: March 23rd, 2020 | 8:00 AM - 5:00 PM

Tuition: $169.00

The use of Investigative Genetic Genealogy (IGG) has revolutionized law enforcement’s ability to solve cases. IGG utilizes the same type of DNA testing as the direct to consumer DNA companies to identify relatives of unknown suspects that have left DNA at a crime scene and have no match in the CODIS database. IGG can also be used to identify human remains. This course covers the basics of conducting genealogical research utilizing both present day and historical research tools to build family trees. Participants will learn how to narrow down a suspect’s location in the family tree and the legal aspects of utilizing IGG. A discussion of the pitfalls and challenges investigators face when using IGG will be covered along with a best practices model to follow when conducting an IGG investigation.

TOPICS COVERED

Type of DNA testing for an IGG case
Differences between STR and SNP testing
Differences between SNP and Full Genome sequencing
Applications of DNA in investigations.
Y-DNA and MTDNA
Haplo- groups and subclades
Determining relatedness through shared centimorgans
Tools available to predict relatedness
Genealogy Websites utilized in IGG Investigations
Ged Match Genesis
Family Tree DNA
Building Family Trees
Using Ancestry.com & Using Newspapers.com
Merging of family trees
Legal and Policy Implications of Investigative Genetic Genealogy
Current laws and legal rules involving IGG
IGG and the 4th Amendment & Privacy issues related to IGG
Building family trees & identifying a “Target”
Utilizing Google, Spokeo, Accurint and other present-day resources
Create a family tree for each of the top matches
Utilizing census records

Please Register at www.dprep.com