

Lab- Forensic Anthropology

Background

Forensic anthropology is that branch of applied physical anthropology concerned with the identification of human remains and associated skeletal trauma related to manner of death in a legal context.

A forensic anthropologist is a scientist that identifies human remains using standard scientific technique developed in physical anthropology. Forensic anthropologists are needed to assist in the detection of crime.

Scenario

A local woman, Stacy Lim has been missing for 7 months. She is a 26 year old Asian woman who stands at 5 feet 2 inches. Bones have been discovered in a remote location just outside the area where Stacy was last seen. As the county's forensic anthropologist, you have been called to the scene to collect the bones and bring them back to your lab, where you and your team can determine if the bones are the remains of Stacy Lim.

Task

1. Using standard scientific techniques, you and your team will determine if the bones found are the remains of Stacy Lim. To prove or disprove that the skeletal remains are Stacy's, you will be identifying the sex, race, age, and height using specific bones of the unknown skeletal remains through the collection of data.
2. Part of being a good forensic anthropologist is verifying your data by taking pictures of your measurements and observations. Using your pictures, the headings and subheadings provided, along with your data, create a Google presentation of your findings. Organization and clarity of your presentation will be heavily weighted in your grade. No template will be provided. You will be creating this presentation with your group.

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3. Once you and your team have completed the collection of data, you will analyze the data and report your findings. Use the graphic organizer to organize your evidence and reasons. Finally, using your graphic organizer, you will write a final report of your determination of whether or not the skeletal remains are that of Stacy Lim.

Equipment

Vernier caliper, Protractor, Measuring tape, Metric ruler, calculator, device that can take photos

