

Faculty of Engineering

Summer Research Program 2023-2024

Project Title: Archaeometallurgy

Supervisor(s): Dr. Erin Brodie

Department: Materials Science and Engineering

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Objective

The main objective of the project is to explore the research overlap between Materials Science and Engineering and Archaeology at Monash.

Project Details

This project explores the intersection between Materials Science and Engineering and Archaeology, bringing valuable materials expertise to archaeological finds in the Department of Ancient Cultures. This may include but is not restricted to; metallographic analysis of Monash collection items, 3D reconstructions of artefacts and replication using 3D printing and reproduction of ancient blooming, casting and forging techniques in collaboration with the Monash Forge.

The project direction can somewhat be tailored to the interests and skillset of the student.

Prerequisites

None

Additional Information

Applicants will be required to attend an interview to discuss their skillset and potential project direction.

