



Employed on Campus 2019 Internship Case Study

Name: Cameron Perumal

Year: 2

Course: Astrophysics



What was your internship?

Scientific Analysis of Heritage Collections
Internship at the Centre for Research
Collections

Description of your role and responsibilities

Main responsibilities: develop understanding of XRF equipment and its use in conservation; talk to collections curators to discuss how XRF can be used with their collections; carry out XRF analysis and interpretation of results, and write up findings in report; engage in outreach (presentations, short films, tours of studio, articles)

Goals: to develop an understanding of collections through scientific examination; to formulate a long term research plan using XRF analysis for the conservation team to use and improve on for future projects; to communicate findings; to create a short film to demonstrate outcomes of internship.

What interested you in this specific role?

The opportunity to combine my science background with my interest for history; to gain new skills; and to better understand conservation science as a field.

How have you benefited from this experience?

I have been able to look at so many artefacts, and learn about them as I went along, as well as being able to use the XRF (X-ray Fluorescence) equipment, and have the ability to work independently.

What advice would you give to future interns?





Take every opportunity during your internship, have fun with it, and learn how to have a good work-life balance.

Where can we find some of your work?

<http://libraryblogs.is.ed.ac.uk/conservation/2019/06/25/scientific-analysis-of-heritage-collections-using-xrf-employ-ed-internship-2019/>

