

My CareerHub SERT project adverts for projects that can count as placements

Placement opportunity title

Staff name(s):	Matthew Bennett
Project title:	Behavioural ecology of extinct megafauna in New Mexico
Project location:	New Mexico
Project time (month):	2-3 weeks in June 2019

Project Description

White Sand National Monument (WNSA) in New Mexico is an amazing place. Not only is it the largest gypsum dune field in the World with a unique locally adapted fauna/flora but it also has the highest concentration of ice age vertebrate tracks (footprints) in the Americas. We recently showed how ancient human hunters stalked giant ground sloth [<http://advances.sciencemag.org/content/4/4/eaar7621>] and are currently working on several other amazing footprint related discoveries. We use high-resolution geophysics, photogrammetry and drones to prospect, map and preserve the tracks in 3D while using augmented reality to tell these stories to visitors to the monument. The international team supported by the US National Park Service have a large field campaign planned for late spring early and summer 2019. We are currently seeking support from the National Geographic for this and plan to involve as many US and UK students as possible. Fieldwork is planned for June and will last for between 2 and 3 weeks. This is an ideal project for those interested in Quaternary Geology, palaeo-environmental reconstruction, archaeology and behavioural ecology. An edited version of the Nat Geo Application is attached to help set the scene for the wider project.

Student groups this opportunity is likely to most suit:

Geography, Environmental Sciences, Ecology & Wildlife Conservation, Biological Sciences, MSc Biodiversity Conservation, Archaeology.

How much will it cost?

The total cost is likely to be £2500. Some saving on accommodations may be possible.

Please note that students from the Department of Life & Environmental Sciences will have the opportunity to apply for LES student International Travel Grants (ITG). These are awarded on a competitive basis. Each student ITG is worth £400.

When will this occur?

June 2019 for 2-3 weeks

How many days placement will this count as?

Negotiable with Matthew Bennett – possibly up to 5 weeks if extra work is included.

How many student places are available?

4 (possibly one or two more depending on funding).

How to apply or find out more information

For further information contact Matthew Bennett
mbennett@bournemouth.ac.uk

To apply please send Matthew your CV and a short letter of application explaining why you would like to apply. If accepted onto the placement you must also register your placement place with Julie Gill through myCareerhub for it to count officially as a BU placement.

Deadline for application

31st Jan 2019