Science Internships

Application deadline 9th April 2018.
Click on the title links for more details.

**Renewable Energy Research Internship, China, ICARE HUST**

ICARE Projects are all about clean and renewable energy development, we are constituted by various subjects and research orientations. 23 projects are available for Oxford students to take part in. We offer fundamental Research Positions for undergraduates and advanced Research Positions for Seniors, Masters students and DPhil candidates. We also offer a cultural exchange program as an optional extra at the start of the internship.

**Biology/Pharmacology Research Internship- Venomous Animals Project, Brazil, Instituto Butantan**

Instituto Butantan will provide four Oxford interns with a challenging project over the summer. The internship project available focuses on venomous animals and their toxins. The project is related to a comprehensive understanding of animals involved in human envenomings in four different approaches that are offered to the interns. Classical biochemistry, pharmacology, immunochemistry and systematics techniques as well as modern molecular genetics and clinical discussions will be used by the interns. The project results will improve our understanding of the evolution of venomous animals and how their venoms contributed to their adaptability to different environments and how they affect humans when they are victims of accidents.

**Vaccines Research Internship- Clinical Trials Project, Instituto Butantan, Brazil**

Instituto Butantan will provide an Oxford intern with a challenging project over the summer. The intern will join IBU academic staff and students to complete a six-week research project with the group responsible for clinical trials at the Institute. The project, is related to a comprehensive understanding of different approaches used in clinical trials of new vaccines in Brazil. During their stay at Butantan, the intern will have the opportunity to:

Follow our activities as sponsor of vaccine clinical trials (phase I, II, III and IV)
Participate in scientific discussions regarding dengue and influenza vaccines
Develop skills in Good Clinical Practice and Ethics in Research.

**Biology Museum Education Internship, Instituto Butantan, Brazil**

The Instituto Butantan Cultural Department offers to different audiences educational activities in three museums: Biology Museum, History Museum and Museum of Microbiology. Each museum is dedicated to specific contents and has different narratives, collections and displays. The Oxford student will be able to observe and participate in the educational activities for families and school groups and create educational materials.
Renewable Energy Research Internship, Institute of Energy and Environment - University Of Sao Paulo, Brazil

GBIO, the Research Group in Bioenergy at the Institute of Energy and Environment (IEE), University of Sao Paulo, seeks two interns to contribute to its work on Biogas and Biomethane barriers and perspectives. The project's objective is to evaluate and discuss the potential for biogas and biomethane to complement the natural gas offer in Brazil, aiming to fulfil Brazilian targets under the Paris Agreement on Climate Change Conference. Interns will help to develop our research project under supervision and guidance from the team.

Particle Physics Research Internship, Brookhaven National Laboratory, USA

Brookhaven National Laboratory, New York, is one of the leading laboratories in the USA on High Energy Physics, and has hosted several Nobel Prize-winning experiments in the past decades. This summer internship will give the opportunity to Oxford students to be part of cutting-edge research for the development of novel particle physics detectors.

Biology/Chemistry Content Internship, UniPrepCo Ltd, London

This is NOT your standard internship! As a Content Intern for Biology/Chemistry, you will be instrumental in creating UniPrepCo's online resources. Using your knowledge of Biology and/or Chemistry from your A-levels and your degree, you will create tutorial videos, mock papers and resources to help future applicants succeed in these exams.

Maths/Physics/Engineering Content Internship, UniPrepCo Ltd, London

This is NOT your standard internship! As a Content Intern for Maths/Physics/Engineering, you will be instrumental in creating UniPrepCo's online resources. Using your knowledge of STEP, MAT, PAT, TMUA, or similar exams, you will create tutorial videos, mock papers and resources to help future applicants succeed in these exams.