

INDUSTRY PLACEMENT



Are you an undergraduate seeking **paid** industry experience,
studying a Bachelor of Sciences (Earth & Environmental Sciences) and/or Chemistry?
two positions available

About Project Plus

The program places undergraduates and honours students with a company under a collaborative agreement to carry out a project whilst studying. The project is usually an assessable part of the students academic program and can cover a period of 3 to 9 months. The program has a dual mission, to enhance students skills through relevant real-world projects in research development and to profit industry through, expertise transfer, innovation and development.

Industry Sponsored Organisation

"Somnium Technologies is involved in the commercialization of environmentally sustainable technologies. Our current project is directed towards BioDiesel and Water Treatment technology."

Student Benefits

- Receipt of stipend scholarship payments for project activities based @ **\$150.00 per day**
- Links with a company to gain valuable industry experience
- Enhancement of skills through relevant real-world project
- Development of links with a company

Project Title & Number: PP01/08

Industrial and mining water treatment and contaminant removal.

Objective of Project

The project will assist in developing novel water treatment techniques for remote industrial settings, specifically in removing waterborne heavy metal contaminants in the mining sector.

Project Specification and Timetable

- Research effectiveness of a variety of contaminant removal techniques
- Investigate use of biological processes in industrial water treatment techniques
- Refine and adapt outcomes to remote industrial settings

Personal Requirements

- Highly motivated with an ability to work unsupervised
- Well developed communication and interpersonal skills (the research will be conducted in conjunction with a team in Brisbane)
- Strong reporting skills
- Passionate about strong environmental outcomes
- Innovative and able to think outside the square

Academic Qualifications

The ideal candidate will be in their final year of studies with strong experience in **aqueous chemistry** and proven research skills. Knowledge of **hydrogeochemistry/hydrogeology** will be an advantage, as will some familiarity with water treatment techniques and the manipulation of solvents to extract heavy metal contaminants from bio-sorbents.

Other Requirements

We are looking for someone who is passionate about achieving practical solutions for industrial pollution issues. There may be some travel to rural Queensland and Brisbane for this project. A reference from a lecturer will greatly support the application, as will strong grades in relevant subjects.

Division and Contact Person

Gregor Edeson
Director of Innovations
0430 447 111
gregor.edeson@gmail.com

or

Jamie Miller
Managing Director
8303 4187
jamie@somniumtechnologies.com.au

How to Apply?

Interested candidates should submit their current resume by email to tania.johnson@adelaide.edu.au immediately or further information please contact on 83034467.