



Work experience placements: Towards a career in Chemistry

Are you passionate about Chemistry? Would you like to work in a research laboratory, alongside professional scientists and engineers? Do you want to enhance your CV with professional experience?

The School of Science and Engineering at Teesside University is offering a three-week work experience program in Chemistry for Year 12 students beginning their final year of A level or BTEC study in September 2016. The work placements are aimed at students with an interest in pursuing a career in Chemistry. The students will have the opportunity to work with a scientist in a research laboratory at Teesside University during the summer holidays.

The placement will take place from the 11th to the 29th of July 2016 in the research laboratories at Teesside University (Middlesbrough, TS1 3BA, UK). The students are expected to be in the laboratory from Monday to Friday between 9am and 5pm.

Research Project:

During this work experience, the students will develop a research project in the topic of artificial photosynthesis. Artificial photosynthesis is a research area that investigates new catalysts capable of producing a fuel from water, carbon dioxide and sunlight; mimicking the natural photosynthesis carried out by plants. During this project, the students will synthesise various catalysts for hydrogen production from water, and they will study their properties using various spectroscopic and electrochemical techniques.

Eligibility Criteria:

- Be in your first year of post-16 studies (Year 12 or equivalent).
- Study Chemistry in the A-levels (or equivalent).
- Be available during the whole period of the summer school (11th-29th July 2016, from Monday to Friday between 9am and 5pm).

Application information:

The work experience programme is a free-of-charge event for Year 12 students. The application form should be sent by email to Dr Anna Reynal (a.reynal@tees.ac.uk) before the **31st of May**. All the applications will be reviewed and an email will be sent within two weeks from this deadline to confirm whether the application has been successful or not.

For further information, contact Dr Anna Reynal, Senior Lecturer in Chemistry at Teesside University: a.reynal@tees.ac.uk.

Acknowledgements:

We thank the Solar Fuels Network for sponsoring the work experience placements.



Application form for

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Contact details of the applicant:

Name:	
Address:	
Postcode:	
Home telephone number:	Mobile phone telephone number:
e-mail address:	

Additional information:

Date of birth:
Gender:
School/college:
School's/college's address:
Year group:

Qualifications:

Which subjects are you currently taking?

Application questions:

Explain your interest in Chemistry. What do you enjoy about the topic? (max 150 words)



Why would you like to do work experience in the School of Science and Engineering, at Teesside University? And what do you hope to gain from it? (max 150 words)

Have you taken part in any other science-related activities or events? If so, please give details.

Name of the applicant:

Signature:

Date:

Parent's/Guardian's declaration:

As parent/guardian of the above named applicant, I confirm I agree to his/her participation in this work experience program.

I understand that this is a non-residential placement and the applicant will be responsible for his/her own travel and accommodation.

I confirm that I will enable the applicant to attend each day of the program (Monday to Friday from the 11th to the 29th of July) between the hours of 9am and 5pm.

Name of the parent/guardian:

Signature:

Date:



What happens next?

Please, complete this application form and return it by email to Dr Anna Reynal (a.reynal@tees.ac.uk) before Tuesday **31st of May 2016**. We will notify all the applicants whether they have been successful or not by email before Wednesday 15th of June 2016.

If you have any questions, please email Dr Anna Reynal.

Note that only 3 placements are available within this program, and is likely to be over-subscribed. Candidates who are not initially offered a placement may be put on a waiting list. Any candidate who wishes to withdraw from the program should inform us immediately, so that their place can be offered to someone else.