

Pfizer UK Undergraduate Programme 2019/2020

Analytical Chemistry undergraduate

Pharmaceutical Sciences Small Molecule
Analytical Research and Development (ARD)

Department Overview

Analytical Research and Development (ARD) is responsible for providing a wide range of analytical testing to support the development, testing and release of materials to be used in clinical trials. ARD has a comprehensive suite of modern analytical equipment to generate data, and a complex informatics infrastructure to support the data needs of our business. We manage and interpret the data we generate, to convert it into knowledge that establishes the quality of new medicines.

The department comprises scientists with skills in separation sciences, automation and informatics, structure elucidation, trace analysis, dissolution, stability assessment and process analytical technology.

What can I achieve and what will I be responsible for whilst completing a placement at Pfizer?

A placement year in ARD provides excellent industrial experience and practical use of state-of-the-art analytical instrumentation. Analytical data are the currency of communication in a science-led business, and undergraduates in ARD will develop a much better understanding of the interplay between existing knowledge, practical laboratory science and computational methodologies for experimental prediction and data mining.

The projects available in ARD will focus on some of the following areas:

- Chem-informatics tools for managing and interpreting data
- Application of novel software to predict and/or model molecular behaviour
- Design and application of chromatographic and spectroscopic methods
- Technologies for on-line measurements in manufacturing environments

You will be assigned to a project team working in one or more of the above areas, and develop strong team-working skills as you grow and develop your knowledge. You will be expected to provide creative input into your project, and present progress and findings throughout the execution of your work.

Pfizer offers a diverse environment which allows employees numerous opportunities to grow and develop. This is a great chance to be part of the bigger picture, and to assist in ensuring Pfizer maintains a strong and diverse workforce as well as developing a talent pipeline of future Pfizer colleagues. It is also a fantastic way to obtain a better understanding of the pharma industry and the type of roles that can be found across our sector.

What other opportunities and benefits do Pfizer offer?

In a laboratory-based role, you will find our facilities amongst the best in the industry, and you will have the opportunity to work independently with state-of-the-art instrumentation and informatics infrastructure. In addition to developing your laboratory skills, many

undergraduates find the time to support Pfizer's outreach activities, at Science Fairs, and through our STEM networks. We also support colleagues who wish to develop their presentation skills to a high level.

You will receive a competitive salary along with benefits including 25.5 days annual leave.

When can I start?

Placements will start on 2nd September 2019 and will run for 12 months.

PERSON SPECIFICATION

Type of person we are looking for, in relation to 'Skills', 'Knowledge' and 'Motivation':

- On target for a 2:1 Degree Classification
- Studying for a degree with significant chemistry component
- Strong mathematical/statistical skills, with interest in computational/programmatic methods for data mining and modelling
- Enthusiasm for making measurements using contemporary analytical instrumentation
- Interested to explore analytical chemistry as a career choice
- Confident to work independently, with good team working abilities
- Quick to learn, and flexible approach to assigned activities

Please note that we only accept application forms. Please do not send over your CV or cover letter as they will not be considered.