

Pfizer UK Undergraduate Programme 2019/2020

Material Scientist Undergraduate

Global Technology Services, Pfizer Global Supply

Materials Characterisation Team

Department Overview

The Material Characterisation Team is responsible for providing Pfizer's manufacturing sites with advanced material sciences support. Some of the projects supported by the team include; manufacturing troubleshooting investigations, raw material (active ingredient and excipients) characterisation to support new supplier evaluations and foreign particulate matter identification. The team provides information on the physical, chemical and physico-chemical properties of the materials and these can include the active ingredient, excipients, intermediates, blends and finished dosage forms. The data is subsequently shared with a customer in the form of a detailed report.

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

You would be trained in the operation and data interpretation for a wide variety of different advanced analytical techniques. Comprehensive training will be provided for each method which will enable you to conduct experiments autonomously. You will work closely with the project leader to interpret the results and identify conclusions and respond to the customer needs. The techniques you may be trained on include particle size analysis, microscopy, X-ray powder diffraction, surface area, thermal and spectroscopic methods.

You would be working in an exciting, fast-paced environment alongside highly driven and enthusiastic scientists. In addition to the training on different methods, you would also learn project management skills and be able to multi-task effectively. The undergraduate would also be expected to perform a research project in an area defined by the team goals.

Other responsibilities include:

- New technology evaluations.
- Active participation in the site's STEM activities.
- Active participation in the Undergraduates network.
- Performing some laboratory duties.

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':

Technical Ability:

- Good laboratory skills and appreciation for laboratory safety.
- Ability to independently design and carry out experiments.
- Understanding of statistical and chemometric approaches for data analysis and interpretation.
- Sound scientific judgement in own work and in problem solving
- Innovative and creative approach to problem solving
- Sound skills in literature searching and application of findings

Presentation:

- Clear, well organised, enthusiastic and concise presentation
- Open and responsive to suggestions and questions
- Experienced in writing scientific laboratory work

Personal Characteristics

- Enthusiastic, energetic, reliable, ambitious and hard-working.
- Good awareness of customer relations
- Pro-active; makes things happen
- Demonstrates initiative
- Communicates well
- Interactive, asking and listening
- Eager to learn, grow and develop
- Ability to co-ordinate and organise work and resources effectively.
- Drive for results and ability to deliver under pressure.
- Confident in own ability and acknowledges own limitations

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