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Industrial Placement Students  
2025-2026



Amgen, the world's leading independent biotechnology company, discovers and develops important therapeutics which bring meaningful improvement to the lives of people all over the world. The extraordinary efforts of our people consistently produce exceptional clinical, operational and financial results.

Science-based and patient-driven, we aspire to be the best human therapeutics company, building our success on innovation, teamwork, risk-taking and the pursuit of excellence.

Key to all this is a culture based on a deep respect for individual talent, high expectations, a full appreciation of the limitless potential of highly motivated teams - and a value system which ensures that every person has every opportunity to make a significant difference.

**We are offering industrial placement roles for:**

2 Statisticians in Biostatistics based in Cambridge/Uxbridge, UK

3 Observational Research Programmers based in Uxbridge, UK

1 Clinical Trial Operations Analyst based in Cambridge, UK

1 Statistician in the Data Science Team based in Cambridge/Uxbridge, UK

Statisticians – Biostatistics – Cambridge / Uxbridge, UK

Biostatisticians are involved in every stage of a clinical trial, including trial design, management and monitoring of ongoing trials, data analysis and interpretation, trial reporting, and maintaining global standards for data collected during clinical trials. Amgen currently has vacancies in their Cambridge and Uxbridge offices for up to two placement students in the Biostatistics department.

Students working in Biostatistics will gain experience in:

* SAS/R programming in the pharmaceutical industry (including extensive training)
* Manipulating, summarising, reporting and interpreting clinical trial data
* Researching and applying statistical models to trial data

Observational Research Programmers - Uxbridge, UK

The Center for Observational Research (CfOR) consolidates Epidemiology, Pharmacovigilance and Health Economics Observational Research into one organization. CfOR designs, conducts, analyses, interprets and publishes observational research that informs the safety, efficacy, effectiveness, and economic value of Amgen products. Observational Research (OR) is an increasingly important component in drug development and commercialisation as it makes it possible to explore large cohorts of diversified patients in a real-world setting, over a long time period. This team contributes evidence regarding the frequency and distribution, as well as the clinical burden of disease, the natural history or clinical course of disease, cost and utilization patterns, and the safety and effectiveness of interventions.

Students working in CfOR will gain experience in:

* SAS programming in the pharmaceutical industry (including extensive training)
* Manipulating, summarising, reporting and interpreting data from complex observational databases
* Working with multiple platforms for manipulating data, such as SAS, Databricks, Spotfire, R and Linux, as well as project management software like Jira
* Epidemiology and statistics

Clinical Trial Operations Analyst – Cambridge, UK

Amgen currently has a vacancy in their Cambridge office for one placement student in the Global Pricing and Payments department (GCP&P) which is responsible for budget design, oversight and payments for clinical trials. The department ensures payments of around £150 million a year, prioritising speed and accuracy of payments. The team have an opportunity to build analysis reports on clinical trial budget data to aid budget planning decisions.

A student working in GCP&P will gain experience in:

- Experience building and maintaining software (Python) to help the budget design, oversight and payments process. (Including Extensive Training)

- Maintaining and optimising large databases, crucial for the pricing and payments process.

- Experience of manipulating, summarising and reporting data.

- Gaining an insight into budget design, oversight and payments for clinical trials.

Statistician - Data Science – Cambridge / Uxbridge, UK

The Data Science team works with different study teams throughout the study design and study conduct phase. They use statistical and machine learning techniques to help optimise study designs and analyse study operational data to increase efficiency of the study. The multi-disciplinary team is made up of Data and Software Engineers and Data Scientists, who work closely together, exploiting the variety of data available both within the company and through industry data sharing initiatives.

A Mathematician/Statistician working in Data Science will gain experience in:

* Advanced mathematical/statistical models for designing and forecasting clinical trials
* Deeper knowledge of programming languages (primary R and potentially Python) and writing software to apply the developed models to the analysis of real trials
* Monte Carlo techniques for simulating various characteristics of clinical trials
* Working with data scientists to learn about various modern directions in Data Science, Artificial Intelligence, etc. and share knowledge

Working arrangements:  
We have 2 offices, one in Cambridge and one in Uxbridge, with the location of the position being dependent on the department that you are applying for. Amgen offers a hybrid working model whereby there is the opportunity to work from home and/or work from the office. Please note that your manager may also be either on-site or working remotely. We encourage students to work from the office where possible to build connections with colleagues both within their department and from other departments.  
  
All applicants should have:

* Excellent exam and course work grades from the first year of their degree (or higher qualification) in programming, mathematics, statistics, or a related discipline
* Good communication and organisational skills and a self-motivated, proactive approach to work
* An ability to work in teams and remain flexible to changing priorities
* A genuine interest in the healthcare/pharmaceutical industry and a willingness to learn new areas
* Excellent data analytical skills and/or a strong understanding of statistics and/or programming and their application
* Ideally, experience in at least one programming language

The successful student will gain:

* Experience of working in a busy department within the pharmaceutical industry
* An understanding of the drug development process
* Insight into other departments within Amgen and how they interact
* Experience of working in teams with other Statisticians, Programmers, Epidemiologists and Analysts
* Opportunities to build a strong professional network and collaborate with fellow students
* Experience with hybrid working, gaining flexibility and developing skills in both remote and in-office environments

Applications via Hays Recruitment: [<https://www.ratemyplacement.co.uk/jobs/28671/amgen/maths-statistics-programming-data-science-and-computer-science-placements>](https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.applybe.com%2Fhaysapply%2Fsearch%2Fvacancy%2Fall%2F1%2F5628459&data=05%7C01%7Ccboston%40amgen.com%7C63dd8aed6d8a4808ea7108dbc8af2913%7C4b4266a6136841afad5a59eb634f7ad8%7C0%7C0%7C638324426872903230%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=ZbYCNoBLT4P8YbkDjxOIxnvFILuG%2F23SS4bQ53QefvI%3D&reserved=0)

## Closing date for applications: 03 Nov 2024

## Industry introduction and virtual interviews: 19–21 November 2024 in our Cambridge offices.