

Professional Internships for PhD Students (PIPS)



About the opportunity

QIAGEN Manchester is a world-leading centre for molecular diagnostic applications, focusing on precision diagnostics development in partnership with pharmaceutical collaborators. Our state-of-the-art facility is located on Oxford Road, alongside major hospital and university sites, reinforcing our connections with the healthcare sector and academic communities.

This three-month internship gives current PhD students the opportunity to join a highly motivated team developing PCR-based molecular diagnostic assays. You will gain practical experience in an industry research and development environment, broaden your molecular biology skills, and develop an understanding of the quality and regulatory standards that support diagnostic product development.

Possible Timeframe: Expected intakes are February, June and September

Your tasks

- Design, plan and perform studies supporting the development of new PCR-based diagnostic assays.
- Perform experiments in accordance with relevant quality, safety and regulatory requirements
- Analyse, interpret and communicate results through written reports and presentations.
- Collaborate with the wider product development team and contribute to a safe, organised and efficient laboratory environment.

Your profile

You must be currently completing a PhD in a relevant scientific discipline and have practical experience in molecular biology. Experience in one or more of the following areas would be advantageous: PCR, RT-PCR, primer design, digital PCR or next-generation sequencing.

You will also demonstrate:

- Strong analytical, problem-solving and communication skills.
- A proactive, self-motivated approach.
- Ability to work independently and collaboratively within a multidisciplinary team.
- Commitment to laboratory safety and high-quality science.

For **enquiries or applications**, please contact GGBPIPS@qiagen.com with the subject: **PhD placement – “your name”**