



Introducing:

Anitta Thomas
Assistant Physicist



Why did you choose to train as a Healthcare Scientist?

Learning about Medical Physics in my final year at university inspired me to apply for a postgraduate role.

I graduated from the Medical Physics programme and am looking forward to advancing my career in this field one step at a time. Having a postgraduate degree helped me to understand I am in the right direction professionally. As a new NHS employee working as an Assistant Physicist, the training opportunities in the NHS are really benefitting me in developing my skills and furthering my knowledge.

“My role provides exciting new challenges every day, there is no typical day as an Assistant Physicist within the NHS. One day, I could be doing daily quality assurance testing on fully robotic radiotherapy devices, the next day I could be creating treatment plans for patients, my role has so much variety and diversity!”

What have you learnt so far?

At present, I am working on an exciting project which is aimed at accumulating the true dose delivered to cervical cancer patients and comparing that with the planned dosage using cone-beam computed tomography systems (CBCT) image and deformable registration.

This taught me how to use a Treatment Planning System and how to contour the organs of a risk (bladder and rectum) of cervical cancer patient.



Growing up, I was always encouraged to do a job that would make a positive impact on many people. As a health care professional, you are constantly working to improve the quality of life of patients, which makes each day incredibly rewarding and fulfilling!