



# NHS Wales Careers in Healthcare Science

Delivering tomorrow, today!

## LABORATORY SCIENCES

These roles include testing patient samples to ensure the best care; urgent blood cross-matching; genomics sequencing; testing for dangerous viruses and cancer diagnosis.

## CLINICAL COMPUTATIONAL SCIENCES

Computer science, information engineering and mathematics are combined to analyse and interpret data and understand large and complex clinical data sets.

## RADIOGRAPHY

Diagnostic radiographers generate, collect and analyse images, including things that the eye cannot detect. Therapeutic radiographers treat patients for cancer using technical and patient care skills.

## PHYSICAL SCIENCES ENGINEERING

Staff in this area research, develop, test, maintain and apply specialist equipment for patient diagnosis, monitoring and / or treatment.

## PHYSIOLOGICAL SCIENCES

Scientists use specialist equipment, advanced technologies, and a range of procedures to aid diagnosis and rehabilitation in a range of conditions. Staff are based in hospitals or clinics, and work with patients of all ages.

## OPERATING DEPARTMENT PRACTITIONERS

Operating department practitioners (ODPs) are highly skilled and dynamic healthcare professionals who provide care and support to patients at all stages of an operation.



Our workforce play a key role in improving patient care



### ROUTES INTO A HEALTHCARE SCIENCE CAREER

#### WORK BASED LEARNING

Employed Training Route



#### UNDERGRADUATE DEGREE

OR  
Practitioner Training Programme



#### POSTGRADUATE DEGREE

OR  
Scientist Training Programme



Healthcare Scientists are **5%** of the workforce, and are involved in **80%** of all the clinical decisions in the NHS, developing innovative clinical and technological advancements.\*

**We are clinical, we research, we innovate, we educate, we improve, we lead!**

\*Source: Healthcare Science in NHS Wales

