

# A SCIENTIST just like me



**Michelle Williams**  
**Radiologist**

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**Hi there! I am Michelle Williams – A radiologist**



## **Where do I work?**

I work at the University of Edinburgh in Scotland. I spend half my time in the hospital and half of my time working in an office with my research team.

## **What did I like doing when I was at school?**

I have always enjoyed learning about the human body. When I was at school, I loved using a microscope to see tiny things. I also liked learning about computers.

## **What do I like doing in my spare time?**

I love drawing pictures and walking in the countryside where I live in Scotland.

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## What do I do as a radiologist?

A radiologist is a type of medical doctor who specialises in looking inside the body. I look at pictures that come from x-rays and scans of the body. My research involves looking at the heart and blood vessels to try and find ways to treat heart disease.

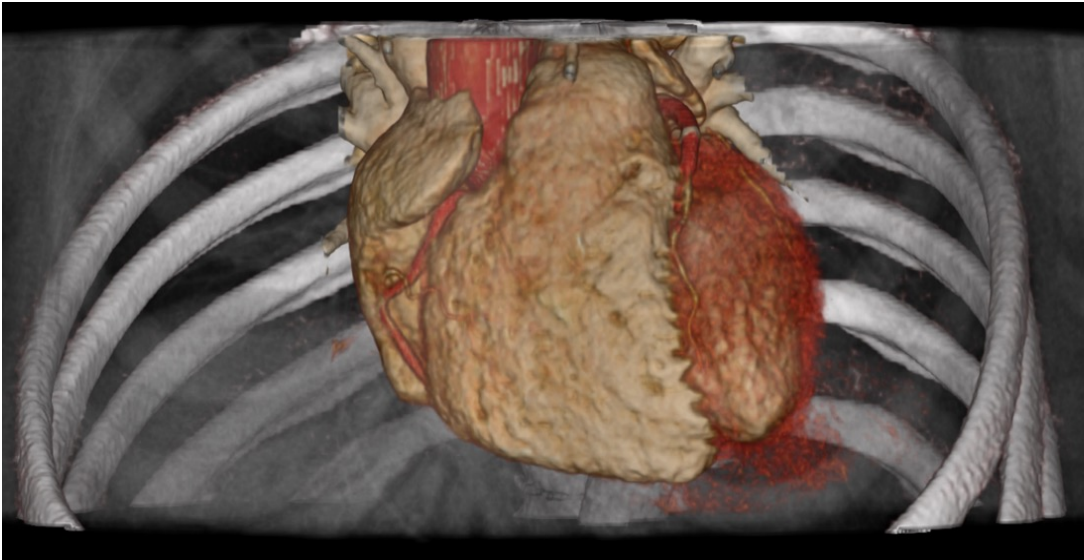


## How does what I do make the world a better place?

Looking inside the body can help us understand how it works. So, for example, heart disease affects one in three people around the world and finding ways of treating it early is important, which can only be done by understanding the body in more detail.

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## What I like about my job



Looking inside the body is amazing – everyone is different! I love using the big and very powerful computers that we use to make the picture of the body.

The pictures we make can be beautiful colours.

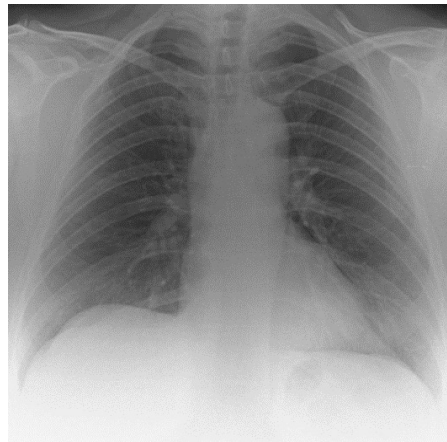
## Challenges I have faced

It takes a long time to train to be a doctor and there are a lot of exams. But it has definitely been worth it.

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If you want to be a radiologist, you need:

- ✦ **be interested in the human body** and how it works
- ✦ **have a good imagination** so you can understand the pictures of inside the body
- ✦ **enjoy asking questions** and want to know how things work
- ✦ **like using computers** to solve problems



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## Discussion time

- ✦ Would you like to be a radiologist like Michelle Williams?

### Why? Why not?

- ✦ What skills and interests do you already have that would help you become a radiologist?
- ✦ What new skills and knowledge would you need to develop?



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## Free supporting resources for radiology and medicine

Science at Work- see 'Meet two doctors'

I bet you didn't know... articles use cutting-edge science research as a context for learning. Teacher Guides describing the research and activities and investigations for children can be used as classroom presentations. For more about medicine see:

- Blood tests could detect cancers
- What small magnetic robots can do
- How to grow a new skin

Created by the Primary Science Teaching Trust

