



THE EPSRC/MRC CENTRE FOR DOCTORAL TRAINING IN
OPTICAL MEDICAL IMAGING (OPTIMA) PRESENTS

ASK ME ANYTHING!

WITH RHONA MUIR

In collaboration with the Glasgow Science Festival 2020





RHONA MUIR

PHD STUDENT, UNIVERSITY OF STRATHCLYDE

WHERE WERE YOU BORN?

Glasgow

WERE YOU ALWAYS INTERESTED IN SCIENCE?

I only started getting interested in science when I went to high school. Initially because doing experiments meant leaving your desk, & getting to chat with friends! I realised it was actually fun in itself, getting to plan & carry out experiments, making it more interactive than other subjects.

IF YOU WEREN'T A SCIENTIST, WHAT WOULD BE DOING NOW?

If I wasn't a scientist, I think I would be running my own dance studio!

WHAT SUBJECT WAS YOUR UNDERGRADUATE DEGREE IN?

Biomedical Engineering

WHAT IS YOUR PHD PROJECT ABOUT?

My PhD project uses light to detect changes in the skin caused by diabetes. Diabetes causes changes in the collagen protein of skin, & this protein is naturally fluorescent. By detecting changes in the fluorescence of skin collagen due to glucose using just light, we hope to be able to detect the potential for any diabetes complications, and so prevent them.

WHAT IS A TYPICAL DAY LIKE?

As a PhD student, your days can vary greatly. Some days require lots of reading papers & planning experiments, other days you are in the lab all day carrying them out. There is then lots of data analysis & writing up results. The variation is great, & means you are rarely bored, or stuck doing the same thing for days on end.

FAVOURITE FOOD?

Houmous

FAVOURITE MUSICIAN?

Taylor Swift

MOST FUN THING YOU'VE EVER DONE?

Gave out the medals at the medal ceremonies for the Glasgow 2014 Commonwealth Games

Contact optima.cdt@gmail.com if you have questions for Rhona, subject line 'AMA'