

A SCIENTIST JUST LIKE ME



Eliza Hunt
Chemist

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Hi there! I am Eliza Hunt – A chemist



Where do I work?

I work in a laboratory at the University of Bristol, where I do experiments. I add different chemicals together which react to make new substances. It's a bit like mixing ingredients when you bake a cake!

What did I like doing when I was at school?

When I was at school, I loved reading and learning languages (especially Spanish)! I didn't love science until I was a bit older and I realised how interesting it is.

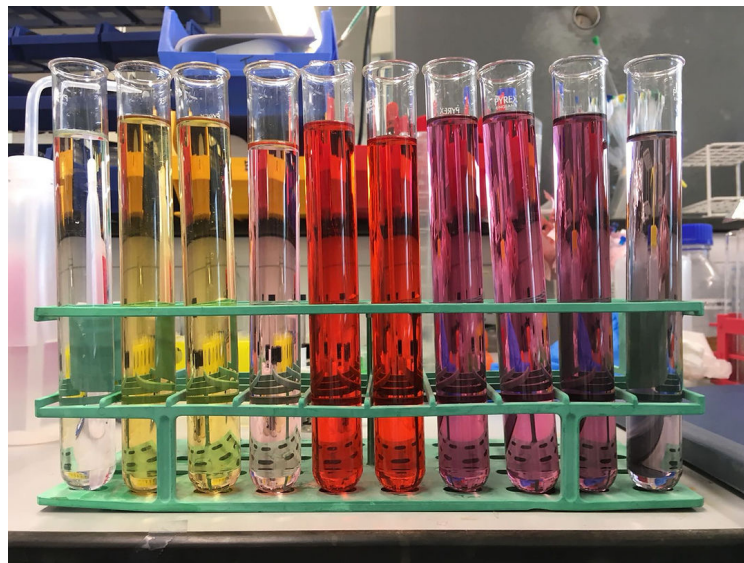
What do I like doing in my spare time?

I love being outdoors and swimming in the sea, running, and cycling. I also love cooking (and eating!).

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What do I do as a chemist?

I make tiny, bright structures called nanoparticles - these particles are over thirty thousand times smaller than the width of a human hair. I use these nanoparticles to try and deliver medicine directly to cancer cells, to kill cancer cells but keep healthy cells alive.



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

Chemists solve problems! This could involve making new medicines to treat diseases (like cancer) or finding new ways to generate sustainable energy - there are so many things that chemists do to make the world a better place.

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What I like about my job

I like working on new and exciting projects to try and help make the world a better place. But my favourite part of my job is visiting schools to talk to students about chemistry and to show them some experiments! It's really rewarding to inspire the scientists of the future.

Challenges I have faced

In the past I have struggled with 'imposter syndrome'. This means that I doubted myself and didn't believe I was good enough to work as a chemist, when really this wasn't true. Always remember to believe in yourself!



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If you want to be a Chemist, you need:

- ✱ **to be inquisitive** and want to know why things are the way they are, like why the sky is blue!
- ✱ **to pay attention to detail** so that you can notice small things that other people might miss
- ✱ **to be great at solving problems**
- ✱ **good team working skills** because chemists collaborate with lots of other scientists

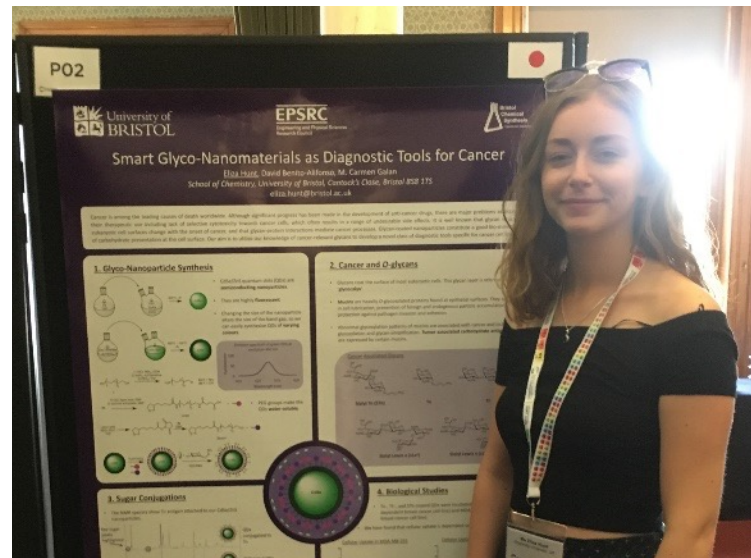


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Discussion time

✳️ Would you like to be a chemist like Eliza Hunt?

Why? Why not?



✳️ What skills and interests do you already have that would help you become a chemist?

✳️ What new skills and knowledge would you need to develop?

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Eliza Hunt is a STEM ambassador. Click [here](#) to access free STEM Ambassador support and resources.

Free supporting resources for chemistry

Starters for science – See 'Paper flowers' and 'Colourful ink'

I bet you didn't know... articles use cutting-edge science research as a context for learning. Teacher Guides can be used as classroom presentations. See:

- How to clean water using a molecular sieve
- The disastrous effects of historical ink
- Slug slime might be the answer for medical adhesives

Created by the Primary Science Teaching Trust

