

A SCIENTIST JUST LIKE ME



Brianna Green
Biogeochemist

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Hi there! I am Brianna Green— A biogeochemist



Where do I work?

I work in a scientific lab at the University of Tennessee in Knoxville, which is in the USA. Sometimes I get to go to very cold places for work like the North Pole!

What did I like doing when I was at school?

When I was in school, I really enjoyed playing during break time and art. I loved being outdoors and expressing myself by colouring.

What do I like doing in my spare time?

I like to go hiking, shopping, and playing with my dog Bella! I also like to watch movies; my favourite is Indiana Jones: Raiders of the Lost Ark.

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What do I do as a biogeochemist?



As a biogeochemist, I collect soil samples to see what kind of microbes are there. In a way, I'm kind of like an interviewer for the microbes. I ask questions about what they like to eat, what they do, and how they are able to do this.

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

As we experience climate change, lots of things are changing including permafrost (frozen soil) melting. Studying microbes in the permafrost might give us answers about what happens as the temperature warms, and helps work out what we can do about it.

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What I like about my job

What I like about my job is that I get to travel to amazing locations that I otherwise wouldn't have gone to, like the North Pole! I also like that I get to meet a whole bunch of other people that are also excited about science!



Challenges I have faced

I struggled at school with some lessons. I am not very good at maths. A lot of people in science are good at maths but I didn't start out that way. I had to take more lessons and work hard to understand it.

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If you want to be a biogeochemist, you need:

- ✱ **passion** - this is what makes you want to be a scientist in the first place!
- ✱ **to be willing to be wrong** - not everything you do will be right and that's okay! If you make mistakes, you can learn from them
- ✱ **teamwork** - working with other people is important for scientists because everyone has different sets of skills to bring to a science job



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Discussion time

- ✦ Would you like to be a Biogeochemist like Brianna Green?

Why? Why not?



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

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Free supporting resources for geobiochemistry

[The Big Jurassic Classroom](#) - resources and information to support teachers with using their local environments to inspire interest in the UK's geological history. The resources include exciting activities for learning about rocks, fossils and evolution.

Created by the Primary Science Teaching Trust

