

Amdana I / About Me

I am currently studying a PGCE in Chemistry with Science. I have a BSc in Medical Biochemistry and a PhD in Nanotechnology. My PhD was centred around making point-of-care biosensors for mental health detection and drug monitoring. Following this I have spent time working within academic research and within industry in the field of clinical trials.

I love music, I play the guitar, both acoustic and electric, I have played rugby all my life and I am currently looking to get involved in coaching. I am also a photographer on the side, mostly Gower landscapes but I have also photographed two weddings.

Cefndir academiaidd / Academic history

Swansea University:

PhD in Nanotechnology (2018)

BSc Medical Biochemistry, 1st Class (2014)

Brecon High School:

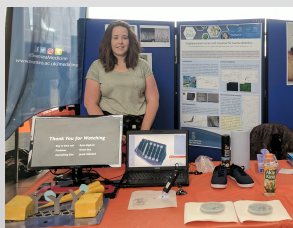
A-Level – Chemistry, Biology & Mathematics with Statistics (2011)

AS-Level – French (2010)

GCSE – 5 A*s, 4 As, 2 Bs, 1 C (2009)

Y math o athro hoffaf bod / The kind of teacher I aspire to be

I will never forget my secondary science teacher, she played a big part in inspiring me to further my studies by making learning fun, engaging and interactive. She truly loved her subject and encouraged her students to love the subject also. It was here that my love for science and for learning developed. I aspire to be a teacher that inspires students to reach their full potential, to encourage a love of learning and a love of science whilst also playing a part in equipping them for their lives ahead. I aim to be engaging and informative whilst also ensuring inclusion of all students.



Rhiannan Forsyth

Rhesymau dros ddewis addysgu fel proffesiwn

Reasons for entering the teaching profession

I decided to become a secondary school teacher because my favourite part of my PhD was the outreach activities that I was lucky enough to be involved in with children from the surrounding Swansea Schools. I enjoyed trying to inspire the children to love the sciences and Chemistry in particular. I also enjoyed working with the children that were disengaged and working hard to find that one sticking point that engaged that child and opened up lots of questions and excitement.

Following the completion of my PhD I have spent time working within industry. However, knowing how education can transform lives, I would now like an opportunity to pass on this knowledge and to contribute to the love of continuous learning and of this subject within the next generation.

Profiad addysgu blaenorol / Previous teaching experiences

Although I currently have no direct teaching experience, I do have an array of other experience of working with children of all ages. I have been involved with STEM Ambassadors Wales, Soapbox Science, Reaching Wider and Swansea science festival. I am also an active member of a creche team and a youth leader for multiple age groups from 3-18 year olds. I have also organised and performed large-scale experiment. demonstrations on four consecutive summer camps.

Meysydd neu pynciau medraf eu haddysgu /

Areas or subjects I could teach

Chemistry, Biology and Physics are my primary subject areas.

I am also interested in teaching some Maths, however I do not have a qualification higher than A-Level