Better World Showcase 2018

Demonstrating how the Faculty of Science & Engineering is Making a Difference

Widening Participation Fellow

Initiative

Widening Participation Fellow, University of Manchester

Now in her third year as WP Fellow, Emily has developed a variety of workshops for a range of learners from infant school to sixth formers, focusing on encouraging students to engage with STEM subjects and enable fair access to higher education for all, regardless of their education and socioeconomic background.

Some of the workshops include:

- But what about the lions, tigers and bears? held in the Natural History gallery at the Manchester Museum, focusing on how climate change impacts animals and how technology is progressing to combat this
- Dream Big challenge to make a chocolate on a lab scale followed by designing a plant to make it industrially. Giving an idea of the scale Chemical Engineers work on.
- Engineering Animals, working in groups to make the most paper animals to encourage students to think about how all parts need to work together to produce and efficient system.
- Alongside workshops, Emily has delivered Why Study Chemical Engineering? talks across Greater Manchester WP targeted areas

Advocate of encouraging female students to engage with science and engineering. Emily regularly takes part in Step into the Future, Engineering a Difference and Dragonfly Day events, all aimed at female students to highlight careers which traditionally do not have a high uptake of females.

How Emily has Made a Difference

Since 2015 Emily has made an exceptional contribution to the University's widening participation initiatives. Her role as a Widening Participation Fellow and being a Manchester Access Programme Tutor has enabled her to make a real difference by engaging and interacting with a wide range of audiences from year 2 to 4 in 'Engineering Animals', college students in 'Why Study Chemical Engineering' to general public engagement through being a ‘Pint of Science Organiser’ and 3 Minute Thesis Finalist. Her work as a STEMnet Ambassador, working closely with the Science Museum group typifies Emily's passion for her work and desire to influence others in a positive way.

Vote for the person or project you feel is doing the most to Make a Difference

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