

Women in Engineering - Newsletter

Despite the world being a little crazy at the moment, we hope this newsletter inspires you - you'll find some of the amazing things STEM professionals are achieving during lockdown to **#ShapeTheWorld** and what the RNLI is getting up to.



Hannah
Materials Scheduler

“ I work in the Engineering department at the RNLI, but not as an engineer. Instead I work with and support the engineers that fix the Lifeboats out on the coast. In my role, I work closely with different departments, acting as the centre point of the puzzle between the engineers around the coast, Coastal Maintenance & Support teams, the Procurement team and the Warehouse.

A key part of my role is coordinating modification roll out plans and making sure the correct parts arrive at the correct location at the required time, so the Lifeboats can remain operational and continue to save lives at sea. Therefore I expedite the orders with the Procurement team and help prioritise requirements if needed, to ensure that we can get the items to the jobs on time. These materials may be to assist with a repair, or a brand new spare to replace a broken part. Alternatively it could be a number of materials required for standard planned maintenance activity - a bit like servicing a car!

As part of my role, I get to go out and about, visiting the team on the coast. In my two years at the RNLI, I have visited 14 Lifeboat stations, 3 Support Centres, 4 out of 6 RNLI Regions and provided training to staff on the coast around the UK and Ireland. By visiting the teams at their locations, this helps me to improve my knowledge of the assets our teams use and also understanding the issues they encounter at the front end service around the coast which we can then look at to make improvements.

It's a big team effort and there are definitely no 2 days the same. I love the variation my job provides me."

Engineering in chocolate?!

Did you know that 1 million bars of chocolate are produced in the UK every day? But how does chocolate get that 'snap'? QEPrize Ambassador Steve Maughan shows a tasty experiment you can do at home to explore the tempering process of your favourite snack!

[Read more](#)



Women of the RNLI

Women have always played hands-on role saving lives at sea since the RNLI was formed in 1824. In the early days of the RNLI, lifeboat launch and recover was often undertaken by women, though it was still considered bad luck for women to actually crew the boats. Today across Britain and Ireland there are 351 female operational crew working with the RNLI.

[Find out more](#)



Project CARE COVID-19 African Rapid Entrepreneurs



Supporting engineering entrepreneurs to make and supply PPE for healthcare facilities in sub-Saharan Africa.

Engineering innovation to fight COVID-19 in Africa

Five female entrepreneurs are combining their engineering and business skills in the fight against COVID-19 in sub-Saharan Africa. Project CARE was initiated in early April as it became clear that the virulence and rapid transmission of COVID-19 could cause widespread infection and loss of life even in countries with robust national healthcare systems like the UK's.

The team are helping support small to medium engineering businesses and projects in sub-Saharan Africa to temporarily pivot or improve their businesses to help address the many challenges of COVID-19.

[Read more here](#)