

## Sixth Form Bulletin 11/10/19

Queen Elizabeth High School, Hexham



### University/College

**YEAR 12** Oxford and Cambridge universities are running their joint annual **conference at Newcastle Arena** on Tuesday 17 March 2020. The conference is designed to bring up-to-date information about their courses, the application process, and admissions procedures, at both universities. The events are aimed at Year 12 students and bookings can only be made through school. Applications for places will open in January 2020; we will provide further information nearer the time.

### Enrichment

**BOTH YEARS** Reminder: The **Society for Underwater Technologies** is hosting their annual **STEM event** for Sixth Form students: 'Engineering Under the Waves'. The event will be held on Friday 18 October 2019 at Northumbria University. The event will give students the opportunity to spend time with engineers, work through practical problems, and get insights on routes into engineering. For more information and to book a place, see <https://www.eventbrite.co.uk/e/engineering-under-the-waves-2019-tickets-72303659191>

**BOTH YEARS** The **Courts and Tribunals Judiciary** is launching their first massive open online course (**MOOC**), delivered on FutureLearn in conjunction with King's College London. The course, entitled 'The Modern Judiciary: Who they are, what they do and why it matters', is designed to explain the workings and purpose of the modern Judiciary (judges). The course will run from January 2020. For more information and to pre-register for the course, see <https://www.judiciary.uk/mooc/>

**YEAR 12** Northumbria University is hosting an event for **students interested in studying healthcare-related subjects**: 'Health Alive', at their Coach Lane Campus on Thursday 5 December 2019. The day features sessions on Adult Nursing, Child Nursing, Learning Disability Learning, Mental Health Nursing, Midwifery, and Operating Department Practice. Details of how to sign up for the event will be available soon; we will provide further information shortly.

**YEAR 12** Headstart, the programme for Year 12 students run by the organisation that also does the Year in Industry gap year scheme, will shortly be open for applications. Headstart provides hands-on **Science, Technology, Engineering and Maths (STEM) activities and taster courses** for students who are interested in related courses but would like an opportunity to explore the subject areas further. Headstart courses take place at universities across the UK, giving further information on not just the degree courses available but also the varied career opportunities they'll lead to. As the courses cover a lot of **niche areas** across the STEM fields, Headstart offers a chance to **sample a specialism that might not be available in Taster Sessions anywhere else**, for example Marine Engineering, Nuclear Physics, Forensic Science, Creative Electronic Technologies, and Aerospace Engineering. There are potential bursaries available for students who meet eligibility criteria. The proposed date for applications to open is 1 November 2019; for more information and to sign up for an email reminder see <https://www.etrust.org.uk/headstart-courses>

**BOTH YEARS** InvestIN Education runs a **Young Engineer Programme** (15 December 2019) and a **Young Computer Scientist Programme** (19 January 2020), at **University College London**. The events provide an immersive experience in some of the most cutting-edge areas of innovation, including artificial intelligence, electric vehicle design, interplanetary space travel, and cybersecurity. There will be interactive experiences with experts from Rolls Royce, Samsung, BT, Atkins Global, Reaction Engines, British Airways and many more. For more information and to book, see:

- Young Engineer: <https://investin.org/products/the-young-engineer-programme>
- Young Computer Scientist: <https://investin.org/products/the-young-computer-scientist-programme>

**BOTH YEARS** NUSTEM, who host workshops, events and courses to showcase careers in Science, Technology, Engineering and Maths (STEM), run a series of **public lectures at Northumbria University**. The lectures are held on Thursday evenings in October and November between 5.30pm and 6.30pm, and aim to show why **physics and maths matter and where they can lead**. Upcoming lectures include:

- Scanning Electron Microscopy, by Dr Pietro Maiello from the Department of Mathematics, Physics and Electrical Engineering at Northumbria University: 17 October 2019.
- Liquid Repellency, by Dr Ciro Semperebon from the Department of Mathematics, Physics and Electrical Engineering at Northumbria University: 24 October 2019.
- Electrifying Women: the long history of women in engineering, by Professor Graeme Gooday & Emily Rees from the School of Philosophy, Religion and History of Science at the University of Leeds: 5 November 2019.

For more information and the full programme of lectures, see <https://nustem.uk/eveninglectures/>

## Careers/Apprenticeships

**SCHOOL LEAVERS** QEHS currently has vacancies that would be suitable for a **school leaver or a student who has recently finished university**:

- **Multi-Media Technician** (15 hours per week, term time salary of £6,810). The focus of this role is to provide technical support for specific curriculum areas including art, media, performing arts and music. In addition, we are looking for an individual that could assist with theatre lighting and sound effects and sound tracks to support our Youth Theatre productions.
- **ICT Technican** (22 hours per week, term time salary of £9,600). The primary function of this role is to support the network manager in resolving ICT technical issues on site. Full training and support will be given for the suitable candidate but a passion and desire to work with IT is essential.

The closing date for both vacancies is 4.00pm on Monday 21 October 2019. For more information, see <https://www.qehs.net/index.php/vacancies/>