



WEEKLY OPPORTUNITIES NEWSLETTER

YEAR 9

w/c 17th April 2023



Dear Student/Parent/Carer,
Recording interactions on Unifrog

Could you let Mrs Farmer know if you take part in any virtual or in person opportunities advertised in this Newsletter please? It is important that young people keep an electronic record of all the interactions you have with Further Education, Higher Education and employers. Please email ffarmer@toothillschool.co.uk with the date of the activity and the name of the activity.

Enjoy

The Toot Hill Careers Team

Use the Contents section to skip to the information relevant for you. You can use the 'Back to Top' button to get back to this Contents section.

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Career Of The Week

Clinical engineer

Also called: Biomedical engineer, bio-engineer

Clinical engineers design, develop and maintain equipment for diagnosing illness and treating patients.



What you'll do

Your day-to-day duties may include:

- testing equipment, like walking aids, wheelchairs and speech synthesizers (known as assistive technologies)
- developing artificial limbs that attach to the patient's own tissue
- making artificial joints, heart valves and hearing implants from new materials
- designing equipment that allows doctors to try new medical techniques, like optical instruments for keyhole surgery
- management of medical equipment, like scanners, imaging machines and monitoring systems
- carrying out quality assurance checks to ensure all equipment is working correctly and safely
- working closely with other medical professionals and technical staff

Record relevant activities you've already done on the [Activities tool](#)

Working hours and environment

You'll usually work around 37.5 hours a week, between 9am to 5pm, Monday to Friday. In the NHS, you may have to work evenings or weekends as part of an on-call rota, depending on your role.

If you work in a hospital, you'll be based in a clinic and an engineering workshop. You'll need to travel locally, usually to manage and maintain medical equipment in hospitals or health centres. You may also need to travel for conferences and meetings.

In research or industry, you'll usually be based in a laboratory. You'll travel to introduce new equipment to hospitals.

Career path and progression

With experience and further training, you could become a consultant, specialising in particular clinical areas, or move into management, teaching or medical research.

Skills required

You'll need:

- excellent technical knowledge
- excellent communication skills for talking to patients
- the ability to prioritise workloads and plan effectively
- budgeting skills

Got evidence of these skills? Record your examples on the [Skills tool](#)

Entry requirements

You'll need a degree in a relevant science or engineering subject (2:1 or higher), or a postgraduate qualification, to apply for the [Scientist Training Programme](#) (STP) – a 3-year on-the-job NHS training scheme.

Alternatively, with a degree you could also find employment in the private sector and work your way up to chartered engineer status.

If you don't have a degree, you could apply for the [Practitioner Training Programme](#) (PTP) – a 3-year degree in healthcare science with NHS work placements.

You'll need to register with the [Health and Care Professions Council](#) once qualified. You could also get into this job through an apprenticeship.

Visit [Health Careers](#) for more details about working as a clinical engineer.

Related Know-how guides

Explore Know-how guides related to this career:

- [Get on the ladder: engineering](#)

Related university subject profiles

These university subjects are related to this career; check out their profiles on the Subjects library:

- [Chemical engineering](#)
- [Electronic and Electrical engineering](#)
- [General engineering](#)
- [Biomedical engineering and Biotechnology](#)

Related career profiles

You may also be interested in:

- [Mechanical engineer](#)
- [Biochemical engineer](#)
- [Biomedical engineer](#)

Explore

Want to see what relevant education and training opportunities are available right now? Search here:

Chemical engineering at uni:

[USA](#) [UK](#) [Canada](#) [Europe](#) [Asia](#) [Australasia](#) [Ireland](#)

Electronic and Electrical engineering at uni:

[USA](#) [UK](#) [Canada](#) [Europe](#) [Asia](#) [Australasia](#) [Ireland](#)

General engineering at uni:

[USA](#) [UK](#) [Canada](#) [Europe](#) [Asia](#) [Australasia](#) [Ireland](#)

Biomedical engineering and Biotechnology at uni:

[USA](#) [UK](#) [Canada](#) [Europe](#) [Asia](#) [Australasia](#) [Ireland](#)

College / Sixth Form:

[UK](#)

Labour Market Information (LMI)

UK Current Jobs

Health associate professionals (SOC3)

UK jobs: 106,915

Nottinghamshire jobs: 1,584 (11th of 214 UK LEAs)

Top 5 LEAs: Kent (2,863), Essex (2,684), Hampshire (2,599), Lancashire (2,461), Hertfordshire (2,047)

UK Salary

Medical and dental technicians (SOC4)

UK annual median: £25,079

Health associate professionals (SOC3)

UK annual median: £25,010

East Midlands annual median: £23,000

Top 3 regions: Wales (£31,040), South East (£26,709), Yorkshire and the Humber (£26,405)

CHARITY FUND RAISING

If you would like to raise money for charity, then Home Instead are offering tables for you to rent at their Table Top Sale on 11 June.



**Home
Instead.**
To us, it's personal

TABLE TOP SALE

When and Where?
Car Park @ 87 Main Street, East Bridgford
Sunday, 11 June 2023
12pm - 3pm

£5 for a table in our car park
Limited number of our tables available to borrow

In aid of:
East Bridgford Wildlife & Biodiversity Group

Please register your interest via either:
Email: fieldsup1@eastnotts.homeinstead.co.uk
Tel: 01949 480480
Visit our office: 87 Main Street

DIGIDATA, Join GSK to gain work experience in April & May

- **First Step year groups** = (7, 8, 9)
- **Next Step year groups** = (10,11,12,13)

First Step

Wednesday 26th April at 4.30pm – [GSK live online career challenge](#) – The Next big discovery! – [Register to attend](#)

Next Step

Wednesday 3rd May at 5pm – [GSK live online career challenge](#) – calling all patients!!
- [Register to attend](#)



Pathway CTM

Pathway CTM offer a free programme to access a range of careers events, opportunities and a chance to connect with employers. The website offers videos of previous events, as well as live apprenticeships and work experience opportunities. There are many virtual opportunities available which are open to students in Year 9-13.

This information will help you to make more informed decisions about your future career choices.

Sign up here to find out more:

Student sign up: <https://pathwayctm.com/student-register/>

Trinity College, Cambridge, Litmus creative writing project

Trinity College has launched The Litmus Creative Writing Project 2023 – an opportunity for Year 9 -11 students currently attending a UK state school to submit a

short piece of writing of under 500 words in poetry, prose or any other format (including artwork) based around a theme for publication. This year's theme is Over the Border.

For further information, please see the following [link](#). The deadline for entries is the 28th July.

If you have any comments or feedback on the Newsletters please email ffarmer@toothillschool.co.uk and not reply to this email as these Newsletters are sent from a no reply email address.

Thank you