Fealtheare Science Carcer of the Week



Ophthalmic and Vision Scientist

Area of HCS: Physiological Science Pay scale: Band 4-7 £18k-£55k

AMAZING FACT An Amazing 70% of the body's receptors are in the eye!!!

A career to keep your eye on, with a diverse range of tests and assessments are used to diagnose and manage conditions such as glaucoma, cataracts and damage to the back of the eye, the retina.

There are some really cool pieces of equipment that can create images of your eye. These include creating a 4-D image of the optic nerve leaving your eye inside your skull, as well as imaging the individual cells that make up your cornea at the front of your eye!

Your cornea is so precious that you only have one set of cells in your cornea for your entire life! They don't renew or regenerate, so look after your corneas!



VIDEO

We met an awesome ophthalmic scientist in Bristol who did all sorts of scans to Tom's eyes as well as answer questions on her job. You can see how the pictures above were taken and what she had to say by visiting www.medicalmavericks.co.uk/book





What to do to get into this career...

A subject Scientist 5 x GCSEs A – Levels or related BSc Training at Levels 9-4 / A-C, **BTEC Biology**, Programme University including Maths, Chemistry (STP) on a MSc Degree **English and** recommended Qualification Course at Science First or 2:1 Universitv **Top Tip** Alternative courses to Similar careers to look **Consider at University:** for in Life Sciences: Check out the other Practitioner Genetics **Biochemistry** Training Physiology careers **Biomedical Science Pathology** Programme on a including cardiology, Immunology Haematology **Healthcare Science** neurophysiology and **Molecular Biology Clinical Immunology BSc degree in** respiratory physiology. **Life Sciences Cell Biology** Toxicology Physiology Virology **Biological Science** WIN A STETHOSCOPE Check out MedicalMavericksTV on Tweet, Vine or Tag us in a picture of You Tube YouTube for loads of amazing videos you with this careers poster and win on science and the body. a stethoscope!

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