

www.rsb.org.uk

Biology Careers Resource Guide

www.rsb.org.uk/careers





This reference guide highlights the careers support provided by the **Royal Society of Biology**.

- Clickable URL links appear as www.domain.com

You can find out more about the **Royal Society of Biology** at www.rsb.org.uk





We would like to thank the **Biochemical Society** for their generous support for this project, which has allowed us to produce this Initial Teacher Education resource.

This is part of a collection of new careers resources which help teachers highlight to their students future careers and the opportunities of studying bioscience subjects beyond school.



Biologists study organisms and the relationship they have with their environment.

Job titles you might see for biologists:

- Accountant
- Bioengineer
- Bioinformatician
- Clinical technician
- Curator
- Doctor
- Epidemiologist
- Geneticist
- Librarian
- Mycologist
- Neuroscientist
- Patent lawyer
- Press officer
- Publisher
- Teacher
- Zoologist



What biologists might have studied:

- Biochemistry
- Biotechnology
- Cell biology
- Ecology
- Endocrinology
- Environmental science
- Genetics
- Immunology
- Marine biology
- Microbiology
- Molecular biology
- Neurobiology
- Nutritional science
- Pathology
- Pharmacology
- Physiology
- Plant science
- Zoology



What skills biologists might have developed:

- Analytical skills
- Attention to detail
- Communication
- Creative thinking
- IT skills
- Leadership
- Multitasking
- Numeracy and maths
- Observational skills
- Planning
- Presentation skills
- Problem-solving
- Research
- Resource management
- Scientific techniques
- Self-motivation
- Team working
- Time management



Make a Difference

Posters and a website highlighting career paths biologists can take:



Make a difference
with a career in biology

SOCIETY OF Biology

The Future
Biologists have a vital role to play in exciting developments of the future. Many revolutionary new technologies are closer than you think.

These include:

- analysing your genome and developing personalised medicines
- developing biofuel technologies to help replace fossil fuels
- growing organs from stem cells for transplantation
- finding new ways to clean up pollution

Biologists work at the cutting edge, to produce new and innovative technologies. Follow a career in biology and you can make a difference.

You could tackle some of the big problems facing our society and help to improve our quality of life for the future.

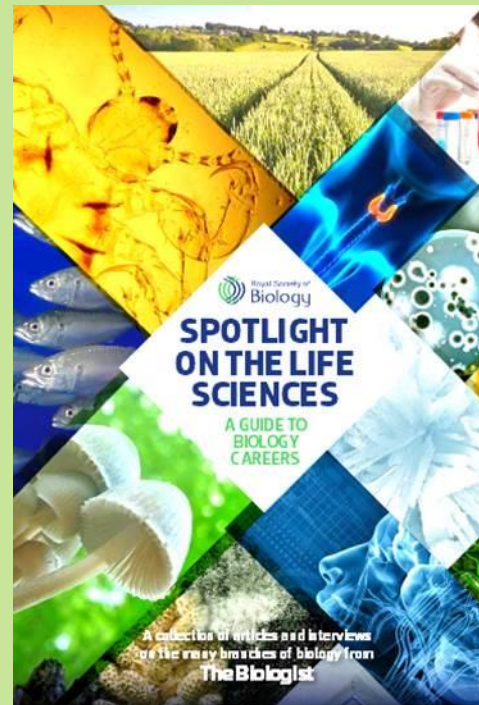
www.societyofbiology.org/careers

www.rsb.org.uk/make-a-difference



Spotlight on the Life Sciences

A guide to biology careers which includes interviews with biologists:

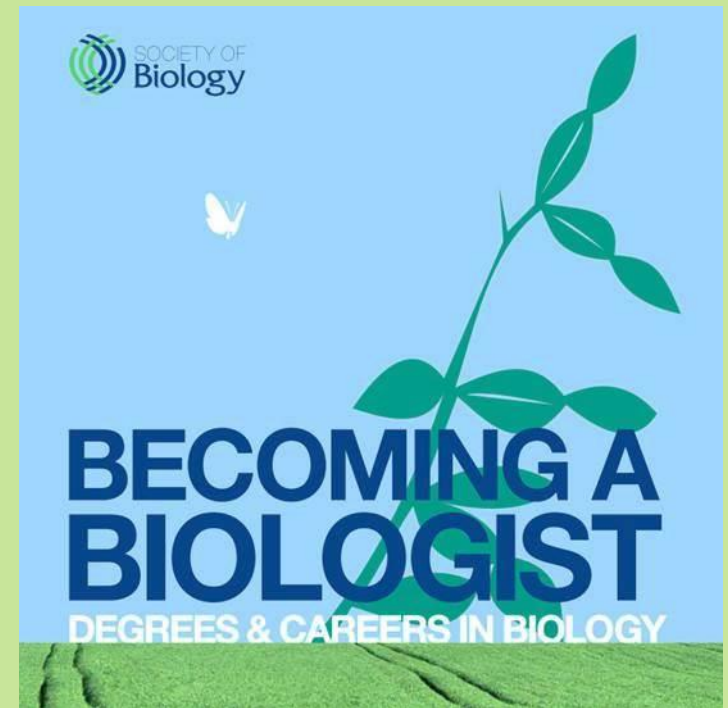


www.rsb.org.uk/spotlight

Becoming a Biologist

Includes information on:

- Biology degrees and alternatives
- Applying to university
- Getting work experience



www.rsb.org.uk/becoming-a-biologist

Careers profiles

Profiles of technicians
and research assistants
working in a variety of
biology-related fields:

Job title:

Research assistant

Organisation:

The Genome Analysis
Centre

Qualifications:

A levels
BSc Biological Sciences

Salary:

£20,000 – £25,000

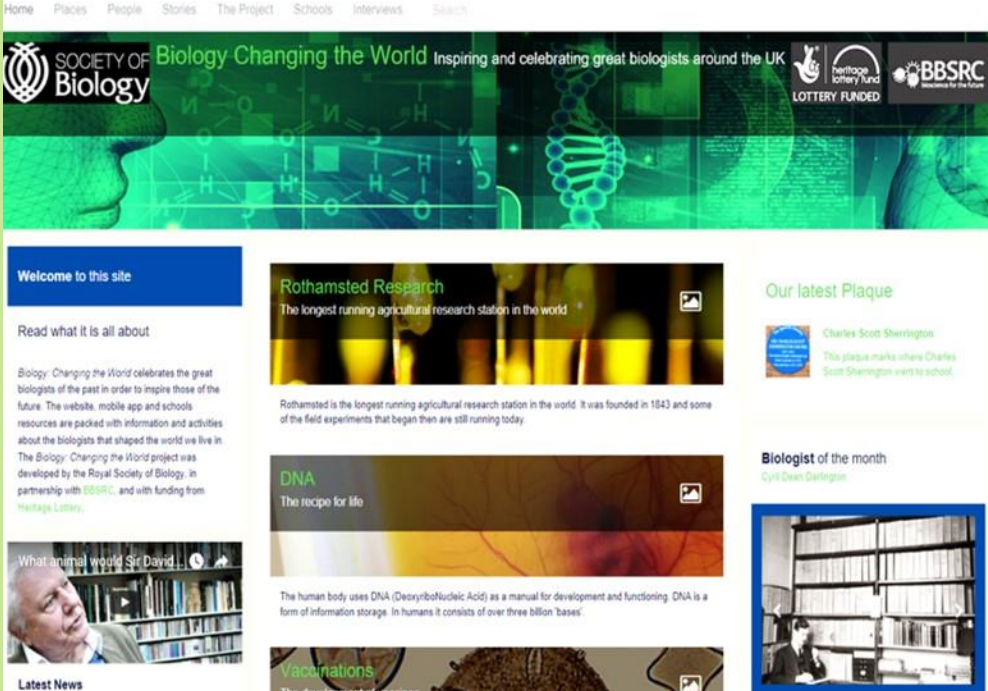


Meena Anissi

www.rsb.org.uk/technician-profiles

Biology Changing the World

A website which celebrates past and present biologists and discoveries that shaped the world:



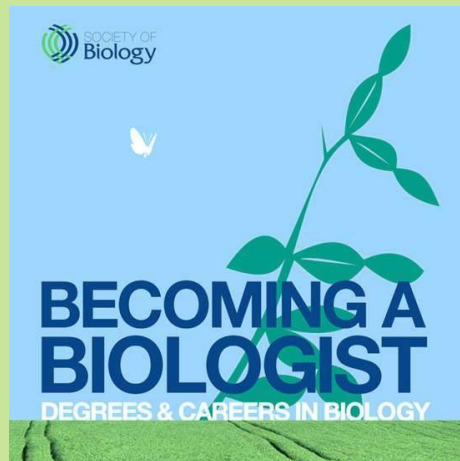
The screenshot shows the homepage of the 'Biology Changing the World' website. At the top, there is a navigation menu with links for Home, Places, People, Stories, The Project, Schools, Interviews, and Search. Below the menu is a large banner with the website's title and tagline: 'Biology Changing the World Inspiring and celebrating great biologists around the UK'. The banner also features logos for the Society of Biology, Heritage Lottery Fund, and BBSRC. The main content area is divided into several sections: 'Welcome to this site' with a brief introduction; 'Read what it is all about' with a paragraph about the project's goals; 'Latest News' featuring a video thumbnail titled 'What animal would Sir David...'; 'Rothamsted Research' with a description of the station; 'DNA' with a description of its function; 'Vaccinations' with a description of their development; 'Our latest Plaque' featuring Charles Scott Sherrington; and 'Biologist of the month' featuring Carl Dean Dattagun.

biologyheritage.rsb.org.uk

Further support from the Royal Society of Biology

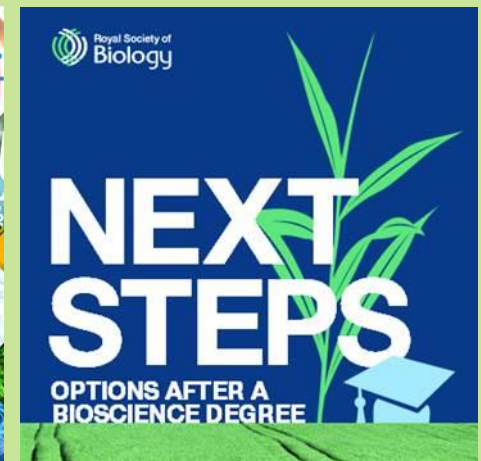
Careers information and guidance resources all available online via:

www.rsb.org.uk/careers



Bioscience Career Resources for Schools

General	
Careers Service	www.careersdirect.gov.uk
Future Skills	www.futurework.org
UCAS Website	www.ucas.ac.uk
University Comparison Website	www.unibites.com
Bioscience Careers	
Biocareers	www.biocareers.org
British Nutrition Foundation	www.nutrition.org.uk
Institute of Food Science & Technology	www.foodscience.org
Genetics Society	www.genetics.org.uk
Institute of Microbiology	www.imm.ac.uk
The Physiological Society	www.understandinglife.org
Royal Microscopical Society	www.rms.org
Royal Society of Chemistry	www.rsc.org
Society for General Microbiology	www.sgm.ac.uk
Royal Society of Plant Biologists	www.rspb.org.uk
Biotechnological Careers	
British Biotechnology Society	www.britishtech.org
British Society for Plant Pathology	www.bspp.org.uk
Environmental Cell	www.environmentalcell.com
Institute of Food Technology	www.ift.ac.uk
Institute of Energy and Environmental Management	www.iiem.ac.uk
Science and Plants for Schools	www.sps.ac.uk
Zoological Society of London	www.zsl.org
Medical and Pharmaceutical Careers	
Association of British Pharmaceutical Industries (ABPI)	www.abpi.co.uk
British Pharmacological Society	www.bps.ac.uk
British Society for Microbiology	www.bsm.ac.uk
British Toxicology Society	www.bts.ac.uk
Institute of Pharmaceutical Sciences	www.ips.ac.uk
MRC Career	www.mrc.ac.uk
Pharmaceutical Science Jobs	www.pharmjobs.com
Scientific Recruitment	
Science Careers	www.sciencecareers.org
Science Careers Network	www.sciencecareers.org
Science Association	www.science.org.uk
Teaching	
Association of Science Education	www.ase.org.uk
Teacher Training	www.tta.org.uk
Tips for finding bioscience work experience placements	



Further support from the Biochemical Society

Careers information and guidance resources all available online via:

www.biochemistry.org/education/schoolsandcolleges.aspx

