Scientific research and development

Science has traditionally been split into fundamental scientific research, carried out in universities, or industrial scientific development, using scientific knowledge to create new products or processes. In practice, it's not so clear cut, with research also taking place in industry, and scientific development also taking place in universities.

**Research Councils**

Engineering and Physical Sciences Research Council (EPSRC) - [www.epsrc.ac.uk](http://www.epsrc.ac.uk)

Biotechnology and Biological Sciences Research Council (BBSRC) - [www.bbsrc.ac.uk](http://www.bbsrc.ac.uk)

Natural Environment Research Council (NERC) - [www.nerc.ac.uk](http://www.nerc.ac.uk)

**Funding Bodies**

National Centre for the Replacement, Refinement & Reduction of Animals in Research (NC3Rs) - [www.nc3rs.org.uk](http://www.nc3rs.org.uk)

Medical Research Council - [www.mrc.ac.uk](http://www.mrc.ac.uk)

The Wellcome Trust - [www.wellcome.ac.uk](http://www.wellcome.ac.uk)

The Royal Society - [http://royalsociety.org](http://royalsociety.org)

**Professional bodies, learned societies and charities**

Royal Meteorological Society
[www.rmets.org](http://www.rmets.org)

Within ‘our activities’ is a ‘careers’ section which provides case studies of meteorologist careers, a list of relevant university courses and details of PhD opportunities.

The Academy of Medical Sciences
[www.acmedsci.ac.uk](http://www.acmedsci.ac.uk)

The website contains an excellent portal dedicated to academic careers. It includes career options, links about funding and interviews with researchers.

British Neuroscience Association
[www.bna.org.uk](http://www.bna.org.uk)

Within education and training section there is a “careers in neuroscience” page as well as a list of selected neuroscience courses.

British Pharmacological Society
[www.bps.ac.uk](http://www.bps.ac.uk)

The BPS is a learned society whose members consist of professionals in academia, health services and commercial sectors.

Careers in Pharmacology
[www.careersinpharmacology.org](http://www.careersinpharmacology.org)

This careers website is run by the British Pharmacological Society.

Association for Human Pharmacology in the Pharmaceutical Industry (AHPPI)
[www.ahppi.org.uk](http://www.ahppi.org.uk)

This site provides information on the regulatory bodies in this area.

Institute of Food Science & Technology (IFST)
[www.ifst.org](http://www.ifst.org)

Within ‘members and networks’ there is information on becoming a chartered scientist.

Institute of Clinical Research
[www.icr-global.org](http://www.icr-global.org)

The ICR is a membership organisation for all professionals working in clinical research.

United Kingdom Science Park Association (UKSPA)
[www.ukspa.org.uk](http://www.ukspa.org.uk)

This website contains a listing of all the science parks in the UK which may act as a useful directory of potential employers.

Institute of Physics
[www.iop.org](http://www.iop.org)

The Institute of Physics is a charity which works to promote the understanding and progression of physics.

The British Society for Cell Biology (BSCB)
[www.bscb.org](http://www.bscb.org)

Includes a Science Writing Competition for its student members which would be good experience for anyone interested in science writing.

Society for Experimental Biology
[www.sebiology.org](http://www.sebiology.org)

Following the ‘educational area’ link provides access to information on careers.
Society of Biology
www.societyofbiology.org
The education section covers topics such as careers for biologists and lists careers events.

London Mathematical Society
www.lms.ac.uk
A particularly useful part of the website is the 'links' section.

British Science Association
www.britishscienceassociation.org
This website contains a useful volunteering section which provides the opportunity to get involved with events.

Association of British Science Writers
www.absw.org.uk
This Association is made of science writers, journalists and broadcasters.

The Association of the British Pharmaceutical Industry (ABPI)
www.abpi.org.uk
The ABPI is a trade association whose member companies produce prescription medication.

Science and Technology Facilities Council
www.stfc.ac.uk
This Council is a non-departmental public body of the Department for Business, Innovation and Skills (DBIS) and is part of Research Councils UK.

Defence Science and Technology Laboratory (Dstl)
www.dstl.gov.uk
Dstl is an agency of the Ministry of Defence and is involved in carrying out research and development of defence technology.

Science Careers
http://sciencecareers.sciencemag.org
This site has an American slant but does contain information relevant to UK and European science as well.

PharmiWeb
www.pharmiweb.com
This pharmaceutical portal provides news and features on current issues in this sector.

PMLive
www.pmlive.com
This is an industry website for the Pharmaceutical sector.

Cafe scientifique
www.cafescientifique.org
These sessions are a forum for debating issues in science.

New Scientist Jobs
www.newscientistjobs.com
The site allows vacancy searching across all areas of science and related sectors.

eMedCareers
www.emedcareers.com
This vacancy database contains hundreds of vacancies across the pharmaceutical and related industries.

Earthworks-jobs.com
www.earthworks-jobs.com
This vacancy site lists jobs in the earth and environmental sciences.

Updated: August 2015
Copyright © 2015 The Careers Group, University of London

The Careers Group believes that all information provided in this publication is correct at the time of publication.