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The UK Agri-Food Science Directory



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Gibbs Building, 215 Euston Road
London, NW1 2BE

Telephone : (0)207 611 8327
Fax: (0)207 611 8416
Website: www.ukcds.org.uk

£20.00



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Preface



*Professor John Beddington,
CMG FRS, Government Chief
Scientific Adviser*

The world faces an enormous problem – in the short-term, unprecedented price surges experienced over the last year have led to a global food price crisis. Reversals in the gains made in the fight against poverty and hunger, humanitarian crises and social unrest are evident in many parts of the world. In the long-term, humanity is faced with the burden of feeding a rapidly increasing population projected to grow from 6.2 billion today to around 9.5 billion by 2050, with fewer resources, all under the shadow of climate change and environmental degradation.

Governments in rich and poor countries alike have been forced to consider a variety of measures to deal with these mounting challenges. Rising food costs, for example, have caused many to question government policy to increase the production of renewable energy from biofuels since much needed arable land has been diverted from food production. Ironically, the gains we have made towards the rightful goal of alleviating global poverty are exacerbating the situation. As people become wealthier an increasing proportion rise out of poverty and leave a bigger footprint on the planet's resources, as they demand high-value agricultural products and more meat and processed food, compared with the desperately poor.

If these food security challenges are to be successfully addressed, other complex issues such as climate change, water conservation and the need for low carbon energy will also need to be tackled. A new 'greener revolution' will be essential if global food security is to be achieved. A rapid and large investment in science, technology, innovation and knowledge exchange is needed to develop sustainable agricultural practices that improve our ability to win the battle against the pests and diseases that ruin in the region of 40% of crops in the field, cause significant post-harvest losses and limit livestock production. All the improvements in productivity need to be achieved with smarter use of fertilisers, pesticides and water. We also need to recognise that fisheries provide around a third of global livestock production and we must find ways to preserve and enhance aquatic sources of protein – what some have called a 'blue revolution'.

The UK has a significant opportunity to continue to deliver excellent, innovative science to contribute to solving the world's food security problems and I welcome the IATC and UKCDS initiative to raise awareness of UK agri-food science expertise in this directory.

*Professor John Beddington, CMG FRS,
Government Chief Scientific Adviser*

Introduction



*Philippa David,
Director, IATC*



*Dr Andrée Carter,
Director, UKCDS*

The UK is a recognised world leader in science, innovation, research and development. As a result of this expertise our agri-food sector is one of the most productive, innovative and safe in the world. It is perhaps for this reason that we have taken the provision of safe, plentiful food for granted – but increasingly, the UK agri-food science sector has a major role to play in supporting the global response to the current food and biofuel security challenges through research collaboration and knowledge exchange.

UK science is the key to continued advances in productivity and sustainability. Take rinderpest – an infectious cattle disease – during the last major outbreak in 1982 – 1984 it had a devastating impact on Africa's livestock, causing losses valued at over £300m. UK scientists were behind the development of a vaccine that has resulted in near global eradication of this disease. For an estimated investment of only £2m, the overall economic benefit to Africa alone, is estimated to be at least £25b in additional food output, plus the unquantifiable, positive impact on peoples' livelihoods.

The International Agri-Technology Centre (IATC) and the UK Collaborative on Development Sciences (UKCDS) have jointly produced this second edition of *The UK Agri-Food Science Directory* to raise the understanding and profile of our considerable national and international agri-food science expertise.

The directory provides an exciting opportunity to link UK institutions and scientists with overseas partners including, international governments, businesses and fellow scientists. Funded by the Regional Development Agencies and UK Trade and Investment (UKTI), IATC promotes and supports the UK's agri-food science sector to develop and realise its international potential. UKCDS works to facilitate coordination and raise awareness of UK science that can benefit developing countries. We are working together to ensure that those who want to access UK agri-food science skills and know-how have the relevant information and contacts.

Throughout 2009 we will liaise with the scientific communities and other stakeholders both in the UK and overseas to understand how *The UK Agri-Food Science Directory* can be developed to ensure that key information is readily available and accessible, and to provide an international platform for recognition and promotion of the UK's agri-food science capability. We would be very pleased to hear views from both scientists and the user community.

Philippa David, Director, IATC
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Dr Andrée Carter, Director, UKCDS
a.carter@ukcds.org.uk



How to use this Directory

The Directory is divided into three sections

Section 1 – Directory of Organisations

This section provides an alphabetical listing of organisations in the agri-food science sector. Each entry gives a brief overview of the organisation, its key areas of research and contact details. Information has been extracted from publicly accessible websites and every attempt has been made to provide consistent information within the limitations of each individual website and the vastly differing structures of UK scientific organisations. Priority has been given (but is not limited to) those organisations or parts of organisations that have a clear agricultural, food science and technology or aquaculture focus that have more than a single publication listed in the science mapping section.

All universities are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

For international dialling, telephone numbers should be preceded by +44 and the (0) ignored.

Section 2 – Science Mapping Profiles

The science mapping section provides a hierarchical listing of subjects by Sector, Sub-Sector and Topic followed by the top ten leading institutions prioritised by the number of published papers from January 2006 – September 2008 capturing the most recently published research performed by UK institutions. The science mapping profiles have been produced using the CAB Abstracts database (www.cabi.org) which provides comprehensive coverage of research outputs from over 150 different countries and in over 50 different languages.

The database covers all agricultural and related disciplines, including veterinary science, horticulture, aquaculture, food science and nutrition, biotechnology, applied economics, environmental science, and international development. For logistical reasons, each search profile is restricted to the top ten results, where this restriction creates a long "tail" of institutions with a small number of hits, a subject expert has used relevance to determine which ones should appear in the top ten.

Section 3 – Science Funding Organisations

This section lists some of the main UK funding agencies, their areas of interest and contact details.

The audience for this publication is primarily targeted at individuals and organisations outside of the UK looking to find specific skills, expertise and know-how within the fields of agri-science, food science and aquaculture. UK institutions and users of the directory are invited to contribute their views on how future editions of *The UK Agri-Food Science Directory* can be improved to better service the needs of those wishing to access UK institutions and their scientists.

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Section 1 Directory of Organisations



This first section comprises a list of all the agricultural and food related research organisations in alphabetical order.

Please note that all Universities are included under 'U' in alphabetical order even if they refer to themselves as 'X' University as opposed to University of 'X'.

1 Abbeydale Vetlink Veterinary Training

The company was established in 1992 by the present owner John R Corsan, the aim was to provide the veterinary profession with a wide portfolio of services. Vetlink now employs over 25 people throughout the UK, all selected for their expertise in their particular field and their ability to deliver programmes of the highest calibre. The Company has the expertise and skills necessary to develop bespoke training for its clients no matter what size.

Vetlink also has a team of market researchers who can meet the demands of particular research briefs that either require rapid results or a broad canvas of opinion.

Address: Abbeydale Vetlink Veterinary Training Ltd,
20 Glevum Way, Abbeydale,
Gloucester, GL4 9BL
Telephone: (0)1458 210818
Email: info@abbeydale-vetlink.org.uk
Website: www.vetlink.co.uk

2 ADAS UK

ADAS is the UK's largest independent provider of environmental consultancy, rural development services and policy advice. ADAS consultants have a unique combination of insight and practical experience, underpinned by robust, informed, science-based information. As a result, ADAS has a hard earned reputation for the delivery of solutions that benefit the environment and improve client performance.

The company's great strength is its breadth and depth of expertise spanning the entire environmental sector together with crop and livestock research and at the practical end, its waste contracting and composting business.

Services

- Environmental services
- Sustainable crop management
- Animal health and welfare
- Waste and composting
- GREEN grain (Genetic Reduction in Energy use in Emissions of Nitrogen through cereal production: www.greenrain.org)
- Conservation advice (www.defra.gov.uk/rds/farmadvice/default)

Address: ADAS, Woodthorne,
Wergs Road,
Wolverhampton, WV6 8TQ
Telephone: (0)845 7660085
Website: www.adas.co.uk

3 The Agri-Food and Biosciences Institute (AFBI)

AFBI, is one of the world's leading providers of scientific research and services to government, non-governmental and commercial organisations. With a unique breadth of facilities and scientific capability in agriculture, animal health, food, environment, biosciences and economics, AFBI conducts a wide range of valuable projects for both the public and private sectors.

Research areas

- Crop and grass production
- Livestock production
- Animal health and welfare
- Food quality and processing
- Food safety
- Fisheries and their environment
- Environmental management
- Economics and rural development
- Forestry

Address: AFBI Headquarters, 18a Newforge Lane,
Belfast, BT9 5PX
Telephone: (0)28 9025 5689
Fax: (0)28 9025 5035
Email: info@afbini.gov.uk
Website: www.afbini.gov.uk

4 Alana Ecology

One of the leading suppliers of environmental research and monitoring equipment, actively expanding to cover a broad range of outdoor, forestry and surveying equipment. The existing range of over 2,200 products appeals to naturalists, scientists, country parks, schools and universities but many products have a wider appeal so Alana also has many home-based customers.

Address: The Old Primary School,
Church Street, Bishop's Castle,
Shropshire, SY9 5AE
Telephone: (0)1588 630173
Fax: (0)1588 630176
Website: www.alanaecology.com

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

5 ALcontrol Laboratories

ALcontrol Laboratories is one of the largest environmental (water, land and air), food and oil analysis organisations in the UK and Ireland with nationwide coverage and comprehensive accredited analysis to industry and legislative guidelines and requirements.

Services

- Same day refrigerated sample collections throughout the UK
- Electronic reporting and data management systems on customers' site
- Computer generated interim 'out of specification' reports to customers' own limits
- Comprehensive analysis service for both microbiological and chemical analysis
- Extensive technical expertise across both microbiology and chemical testing
- Common methods and systems of quality control across all our laboratory sites
- In addition to food analysis, the laboratories offer a comprehensive UKAS accredited analysis service for drinking water, effluents, soils, air emissions and workplace monitoring

Address: ALcontrol Rotherham,
Templeborough House, Mill Close,
Rotherham, S60 1BZ

Telephone: (0)1709 841000

Fax: (0)1709 841079

Website: www.alcontrol.co.uk

6 Allium and Brassica Centre

Founded in 1982 to independently advise growers and co-operatives in all aspects of bulb onion and brassica production and storage, the centre provides R&D and consultancy services. The Centre has state-of-the-art controlled atmosphere storage for up to 3,100 tonnes of produce.

Research areas

- In-house trials and development
- Co-operative R & D with research stations / Universities and grower organisations
- Technical advice on crop protection and full crop management
- Design and construction service for new facilities
- Store control systems design, installation and management service
- A major service in supply of onion sets and in-house variety development
- Bulk purchase where advantageous, of set seeds, crop covers, propane supplies

Address: Wash Road, Kirton, Boston,
Lincolnshire, PE20 1QQ

Telephone: (0)1205 723414

Fax: (0)1205 722995

Website: www.abcentre.co.uk

7 Applied Enzyme Technology (AET)

AET is a company with core expertise in protein stabilisation. Application of the company's expertise and patented technology has resulted in the successful stabilisation of many enzymes spanning a wide variety of applications. AET's research and development programme continues to generate and characterise novel tools for the stabilisation of labile enzymes of interest in many different industries including the pharmaceutical and environmental industries.

Services

- Improve protein stability
- Increase product shelf life
- Remove the need for refrigeration
- Improved operational stability
- Increase activity of your preparation
- Reduce manufacturing costs

Address: Monmouth House, Mamhilad Park,
Pontypool, Gwent, NP4 0HZ

Telephone: (0)1495 750505

Fax: (0)870 052 8250

Email: sales@gwent.org

Website: www.aetltd.com

8 Animal Health Trust (AHT)

The aim of the AHT is to gain a clear understanding of diseases in animals through scientific endeavour and its application to their welfare. AHT develop new technology aimed at improving diagnosis, prevention and cure of inherited infectious and non-infectious diseases. Multidisciplinary teams investigate disease at the molecular, cellular, whole animal and population level and apply state-of-the-art equipment and resources to develop expertise in specific clinical and scientific disciplines.

Research areas

- DNA testing
- Genetics
- Infectious diseases: bacteriology, immunology, virology
- Oncology

Address: Animal Health Trust, Lanwades Park,
Kentford, Newmarket, Suffolk, CB8 7UU

Telephone: (0)1638 751000

Website: www.aht.org.uk

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

9 Aquaculture Wales (AqWa)

AqWa is dedicated to developing and transferring sustainable aquaculture approaches for Wales and internationally, through innovative R&D, advocacy, education and training. Instigated in 2003 with support from the European Union, the Welsh Assembly Government and Swansea University, AqWa operations now form part of the multi-institutional Welsh Institute for Sustainable Environments (WISE).

The team's research activities are coordinated from the Centre for Sustainable Aquaculture Research (CSAR), located at Swansea University.

Address: School of the Environment and Society,
Swansea University,
Singleton Park,
Swansea, SA2 8PP

Telephone: (0)1792 602030

Fax: (0)1792 295447

Website: www.aquaculturewales.com

10 Ardtoe Marine Laboratory

Research areas

- Feeds and additives trials
- Equipment testing
- Product and protocol development
- Supply of biological materials

Address: Ardtoe Marine Laboratory,
Ardtoe, Acharacle, Argyll,
PH36 4LD, Scotland

Telephone: (0)1397 875000

Website: www.ardtoemarine.co.uk

11 Ashfield Green Farm

Fertiliser research.

Research areas

- Sugar beet nutrition
- Magnesium fertilisers in soil and plants:
 - Comparisons and usage

Address: Ashfield Green Farm,
Wickhambrook, Newmarket,
Suffolk, CB8 8UZ

Telephone: (0)1440 820328

Email: p.draycott@btinternet.com

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

12 Aviagen

Aviagen invests about 10% of turnover annually in research focused on delivering continuous, balanced progress of existing product lines and on developing new products to meet changing market needs. Through the application and integration of novel techniques and new technologies, continuous progress in the right balance of economically desirable traits is made, while at the same time delivering standards of health, food safety and welfare.

Address: Newbridge, Midlothian,
EH28 8SZ

Telephone: (0)131 333 1056

Fax: (0)131 333 3296

Email: infoworldwide@aviagen.com

Website: www.aviagen.com

13 Avon Vegetation Research

Research areas

- Herbicide use in woodland

Address: Avon Vegetation Research Limited,
PO Box 1033, Nailsea, Bristol, BS48 4FH

14 Bayer CropScience

Bayer CropScience is one of the world's leading crop science companies and is well known for its development and marketing of solutions for the safeguarding of crops, the protection from pests, diseases and weeds and the modern approach to seed treatment. Bayer CropScience takes its leadership role seriously and is now setting the standard in the areas of product and environmental stewardship.

Bayer Environmental Science combines all non-agricultural applications from lawn care to pest control covering both the professional care and consumer areas. The professional products and services enhance healthy living conditions and improve the quality of life. Bayer Environmental Science is a leader in non-crop pest management and weed control.

Bayer Garden UK, as one of the largest garden fertiliser and plant care companies in Europe, provides gardeners and householders with easy-to-use, efficient solutions for gardening success, including the market leading brands Baby Bio and Provado. The objective: to provide a full range of products and solutions that help the amateur produce excellent results in their garden.

Address: Bayer CropScience,
230 Cambridge Science Park,
Milton Road,
Cambridge, CB4 0WB

Telephone: (0)1223 226500

Fax: (0)1223 426240

Website: www.bayercropscience.co.uk

15 BCPC

BCPC (formerly known as the British Crop Protection Council) brings together as Corporate Members representatives of a wide range of organisations with an interest in furthering the science and practice of crop production. Between them they cover research, the agrochemical industry, the services, contractors, distributors, education, agricultural engineering, plant breeding/biotechnology, overseas development, government and regulatory concerns.

BCPC sets out to inform and influence decision makers, the scientific community, farmers and their advisers and the general public about issues which affect crop production as a key component of agriculture, horticulture and food production. It does this primarily by producing factual strategy reports on key topics for decision makers and organises debates (fora) on topical issues by informed audiences and reports on the fora are recorded.

It provides independent, unbiased data and training publications on a wide range of topics generally focused on the crop production industries.

Address: BCPC,
7 Omni Business Centre,
Omega Park, Alton,
Hampshire, GU34 2QD

Telephone: (0)1420 593200
Fax: (0)1420 593209
Email: publications@bcpc.org
Website: www.bcpc.org

16 Beaufort Cottage Equine Hospital

Opened by The Queen in April 1998, Beaufort Cottage Equine Hospital provides a state-of-the-art surgical facility to deal with an ever increasing surgical case load, both from the local practice and referred by veterinary surgeons around the country.

Research areas

- Surgery: colic, gynaecological, laparoscopic, laser and orthopaedic
- Caesarean section
- Head and neck investigations
- Ophthalmology
- Intensive care
- Foal care unit
- Artificial insemination
- Isolation

Address: Beaufort Cottage Equine Hospital,
Cotton End Road,
Exning, Newmarket,
Suffolk, CB8 7NN, UK

Telephone: (0)1638 577754
Fax: (0)1638 577989
Website: www.rossdales.com

17 Bell Equine Veterinary Clinic (BEVC)

Bell Equine Veterinary Clinic (BEVC) one of the UK's most progressive equine veterinary practices. Located in the heart of Kent, BEVC was established in 1991. Since then it has expanded to become a large specialist equine hospital and ambulatory practice. BEVC is committed to clinical research, development, and education, both for clients and veterinary surgeons.

Address: Bell Equine Veterinary Clinic, Mereworth,
Maidstone, Kent, ME18 5GS

Telephone: (0)1622 813700
Fax: (0)1622 812233
Email: info@bellequine.com
Website: www.bellequine.co.uk

18 Babraham Institute

The Babraham Institute undertakes innovative scientific research to discover the molecular mechanisms that underlie normal cellular processes and immune systems and functions, and how, over lifetime, their failure or abnormality may lead to disease. Its work is recognised as internationally competitive, and in some areas, world-leading.

Research areas

- Developmental genetics and imprinting
- Chromatin and gene expression
- Lymphocyte signalling and development
- Cognitive and behavioural neuroscience
- Molecular signalling
- Inositide

Address: The Babraham Institute, Babraham Research
Campus, Cambridge, CB2 4AT

Telephone: (0)1223 496000
Fax: (0)1223 496002
Email: babraham.contact@bbsrc.ac.uk
Website: www.babraham.ac.uk

19 Bodycote

Bodycote Health Sciences Europe provides testing and advice to ensure that the products consumed and the environment around us are safe and comply with current legislation. The products tested range from food and water, consumer goods and pharmaceuticals to soils, air and asbestos.

Services

- Pharmaceutical
- Environmental
- Food and consumer products

Address: LawLabs House, 121 Shady Lane,
Birmingham, B44 9ET

Telephone: (0)800 633 5705
Email: healthsciences@bodycote.com
Website: www.healthsciences.bodycote.com

20 Booth Smith Food Technology

Booth Smith Food Technology harnesses the best experience and know-how to achieve professional results helping new food business, food plant planning, developing new food products in the fastest time and with least risk to its clients.

The team consists of highly skilled chilled food consultants, ready meals consultants and many more food technologists developing new food products, choosing appropriate technology and packaging, designing plant layouts and implementing food industry projects large and small.

Booth Smith Food Technology has its own offices in the UK, USA, Middle East and India.

Services

- Foodstuffs
- Food processes
- Developing new food products
- Ingredient sourcing and testing
- Food markets
- IT systems
- Food technology
- Food industry planning
- Food factory and processing line planning

Address: Booth Smith Food Technology,
Ingleby, Derby,
Derbyshire, DE73 7HW

Telephone: (0)1332 862894
Fax: (0)1332 864616
Email: info@boothsmithfoodtechnology.com
Website: www.boothsmithfoodtechnology.com

21 British Antarctic Survey (BAS)

British Antarctic Survey (BAS) is a component of the Natural Environment Research Council (NERC).

Based in Cambridge, United Kingdom, it has, for almost 60 years, undertaken the majority of Britain's scientific research on and around the Antarctic continent. It now shares that continent with scientists from over 30 countries.

Research areas

- Climate change
- Geology
- Biodiversity, evolution and ecosystems
- Sustainability of the southern ocean biological resources

Address: British Antarctic Survey,
High Cross,
Madingley Road,
Cambridge, CB3 0ET

Telephone: (0)1223 221400
Fax: (0)1223 362616
Website: www.antarctica.ac.uk

22 British Geological Survey (BGS)

The British Geological Survey (BGS) is the world's longest established national geological survey and the UK's premier centre for earth science information and expertise. The BGS provides expert services and impartial advice in all areas of geoscience. Its client base is drawn from the public and private sectors both in the UK and internationally. The BGS has around 800 staff, of whom over 500 are scientists with a range of governmental, commercial, industrial, technical and managerial experience.

Address: London Information Office,
Natural History Museum,
Earth Galleries, Exhibition Road,
London, SW7 2DE

Telephone: (0)207 589 4090
Fax: (0)207 584 8270
Website: www.bgs.ac.uk

23 British Society of Animal Science

The Society's aim is to enhance the understanding of animal sciences and their integration into animal production. To achieve this the Society runs conferences, workshops and meetings for those interested in animal science to meet and exchange information, ideas and experiences. It also produces the monthly journal, 'Animal'.

Address: British Society of Animal Science,
PO Box 3, Penicuik,
Midlothian, EH26 0RZ

Telephone: (0)131 445 4508
Fax: (0)131 535 3120
Email: bsas@sac.ac.uk
Website: www.bsas.org.uk

24 British Sugar

British Sugar is an internationally active company and the leading supplier of sugar to the UK market. BS products are represented in the leading brands of all of the major global food and drink manufacturers. The scale and nature of its operations means that behind every product is the total assurance of food safety, product traceability, security of supply and a commitment to continual product innovation. British Sugar maintains a market leading position through anticipating customer needs and by constantly improving service standards. Sites are registered to the international ISO 9001 standard for quality management and it works to the highest standards of environmental care.

Address: British Sugar plc, Sugar Way,
Peterborough PE2 9AY

Telephone: (0)1733 563171
Fax: (0)1733 422967
Website: www.britishsugar.co.uk

25 British Trust for Ornithology (BTO)

The BTO undertakes collaborative research, surveys and impact assessments of birds in different habitats. BTO has long provided objective and scientific information to many groups, including government agencies, engineers, planners, ecologists, industrialists, farmers, developers, conservation bodies and others responsible for aspects of land management.

Where appropriate, BTO collaborates actively with those who have complementary expertise such as the statutory conservation agencies, universities and other research institutes. Collaborative work with Europe is promoted through BTO involvement in EURING (European Union of Ringing) and in the European Bird Census Council.

Address: BTO, The Nunnery, Thetford,
Norfolk, IP24 2PU
Telephone: (0)1842 750050
Fax: (0)1842 750030
Email: info@bto.org
Website: www.bto.org

26 Broom's Barn Applied Crop Sciences

Part of Rothamsted Research, Broom's Barn carries out high quality strategic and applied research for the benefit of UK arable farmers, with particular emphasis on the sugar beet industry. Its role includes interacting with, and acting as a link between, the arable industry and the national and international biological sciences community.

Research areas

- Biotechnology
- Crop productivity
- Entomology
- Liaison
- Plant pathology
- Virology
- Weed research
- Plant clinic

Address: Broom's Barn, Higham,
Bury St. Edmunds,
Suffolk, IP28 6NP
Telephone: (0)1284 812200
Fax: (0)1284 811191
Website: www.rothamsted.bbsrc.ac.uk/broom

Note:

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27 Butterworth Laboratories

With over 30 years experience in contract analytical chemistry, Butterworth Laboratories combines classical techniques and the latest technology to deliver cost effective, reliable and rapid solutions for clients.

With a client base that consists of major multi-national blue chip companies through small consultancies to University departments and private individuals, Butterworth Laboratories has the capacity to accommodate a wide range of contracts.

Services

- Chemicals
- Food, drink and tobacco
- Environmental
- Health and safety

Address: Butterworth Laboratories Ltd,
54-56 Waldegrave Road,
Teddington,
Middlesex, TW11 8NY
Telephone: (0)208 977 0750
Fax: (0)208 943 2624
Website: www.butterworth-labs.co.uk

28 CAB International

CABI's mission is to improve people's lives worldwide by providing information and applying scientific expertise to solve problems in agriculture and the environment.

CABI is an international organisation with a network of centres and offices around the world. Its publishing operation is best known for the CAB Abstracts database and its series of derivative products, the most comprehensive sources of global agricultural research information in the world.

It also publishes some 65 new books per annum in all agricultural subject areas, and a range of multimedia compendia in crop protection, animal health and production, forestry and aquaculture.

International development

The International Division works with donors to tackle some of the world's most challenging problems in plant protection, the management of invasive species, agricultural sustainability and biological diversity.

CABI also maintains the National Collection of Fungus Cultures and provides a range of microbial services including identifications and industrial consultancies.

Address: CAB International,
Nosworthy Way,
Wallingford,
Oxfordshire, OX10 8DE
Telephone: (0)1491 832111
Fax: (0)1491 829292
Email: enquiries@cabi.org
Website: www.cabi.org

29 Campden BRI

Campden BRI (formerly Campden and Chorleywood Food Research Association) is a membership based organisation and provides practical scientific, technical, legislative and information support to the food and drink, brewing and alcoholic beverages and allied industries.

Its activities are underpinned by a member-led strong programme of research and development, and includes analysis and testing, product innovation, process validation, consultancy, auditing, and training.

Many of its service activities are independently accredited and can be tailored to meet specific client needs. It also publishes leading industry guidance on best practice and legislation.

Research areas

- Manufacturing technologies – food processing (heating, chilling, freezing), aseptic technology, microwave heating, malting and brewing, milling, baking and extrusion technology, and process control and instrumentation, packaging technology
- Safety assurance – including hygiene and sanitation, microbiology and preservation, processing technologies, analysis and testing (microbiological, chemical), and quality and safety management
- Product development and quality – consumer studies, market insights, sensory science, authenticity testing, shelf-life evaluation, labelling and legislation, agri-food production, ingredients, raw materials, raw material technology
- Underpinning science – cereal science, microbiology, chemistry and biochemistry, molecular biology

Campden BRI also has a subsidiary company in Budapest, Hungary, from where it provides a wide range of consultancy, support and trouble-shooting activities to Eastern Europe

Address: Campden BRI, Chipping Campden,
Gloucestershire, GL55 6LD
Telephone: (0)1386 842000
Fax: (0)1386 842100
Website: www.campden.co.uk



30 Centre for Environment, Fisheries and Aquaculture Science (Cefas)

Cefas is an internationally renowned aquatic scientific research and consultancy centre. Cefas aims to be the prime source of high quality science used to conserve and enhance the aquatic environment, promote sustainable management of its natural resources, and protect the public from aquatic contaminants.

Research areas

- Ecosystem interactions
- Organism health
- Resource management

Cefas operates at three sites:

Address: Cefas Burnham Laboratory,
Remembrance Avenue,
Burnham-on-Crouch, Essex, CM0 8HA
Telephone: (0)1621 787200
Website: www.cefas.co.uk

Address: Cefas Lowestoft Laboratory,
Pakefield Road, Lowestoft,
Suffolk, NR33 0HT
Telephone: (0)1502 562244
Website: www.cefas.co.uk

Address: Cefas Weymouth Laboratory,
The Nothe, Barrack Road,
Weymouth, Dorset, DT4 8UB
Telephone: (0)1305 206600
Fax: (0)1305 206601
Website: www.cefas.co.uk

31 Central Laboratories

Central Laboratories has always prided itself in being able to align its services with the needs of its customers. Central Laboratories has decided to focus its business on Near Infra-Red Reflectance (NIR) spectroscopy, an analytical technique guaranteed to provide rapid, reliable and accurate results at a fraction of the cost of reference chemistry.

Having been involved in all areas of food and feed testing for the last 30 years Central Laboratories realises that customers need analytical techniques that can be used at the production site by non-skilled staff, yet still be as reliable as traditional methods of analysis.

Address: Central Laboratories,
The Byre, Pury Hill Farm,
Nr Alderton, Towcester, NN12 7LS
Telephone: (0)1327 810910
Fax: (0)1327 810911
Email: cpiotrowski@central-labs.co.uk
Website: www.central-labs.co.uk

32 Central Science Laboratory (CSL)

CSL is an organisation dedicated to applying science in protection of food-chain safety and environmental health. Through developing and applying knowledge CSL supports its customers in assessing risks, delivering sustainable environmental solutions and responding to emergencies. CSL provides research, surveillance, technical services, consultancy and training, supporting customers in achieving four primary outcomes:

- A healthy environment
- Sustainable land use
- A safe food supply chain
- Resilience against contingency events

Food Science Group

The Food Science Group applies the highest standards of scientific excellence to provide innovative research and analytical services in support of the aims of UK Government, the European Commission, regulatory authorities and the food industry.

Scientific services

- Bird management
- Environmental risk assessment
- REACH services
- Food and feed analytical services
- Knowledge management
- Plant clinic
- Proficiency testing
- Training
- Wildlife economy management

International development

Research focuses in the areas of plant health, sustainable agriculture and food safety working in East Africa, Argentina, Russia, Turkey, India, China, Malta, Cyprus, Slovakia, Estonia and Thailand.

Address: Central Science Laboratory,
Sand Hutton,
York, YO41 1LZ
Telephone: (0)1904 462000
Email: info@csl.gov.uk
Website: www.csl.gov.uk

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

33 Centre for Ecology and Hydrology (CEH)

CEH is the UK's Centre of Excellence for research in the land and freshwater environmental sciences. CEH's staff has specialist skills in a wide range of environmental disciplines, ranging from the smallest scale (the gene) to the largest scale (whole Earth systems).

Research is aimed at improving understanding both of the environment, as seen today, and the natural processes that underlie the Earth's support systems – for example climate and water resources. CEH is particularly interested in the impacts of human activity on natural environments.

CEH aims to generate workable solutions to today's pressing environmental problems.

Research areas

- Biodiversity
- Biogeochemistry
- Water
- Climate change
- Sustainable economies

The CEH has sites at Bangor, Edinburgh, Lancaster, Monks Wood, Oxford and Wallingford.

Address: Centre for Ecology and Hydrology,
Wallingford,
Maclean Building,
Benson Lane,
Crowmarsh Gifford,
Wallingford,
Oxfordshire, OX10 8BB
Telephone: (0)1491 838800
Fax: (0)1491 692424
Email: enquiries@ceh.ac.uk
Website: www.ceh.ac.uk

34 Cherry Valley Farms

The UK's duck 'experts' and the largest duck producer in the UK, selling over 9 million ducks every year.

Address: Cherry Valley Farms Ltd,
Rothwell, Market Rasen,
Lincolnshire, LN7 6BJ
Telephone: (0)1472 371271
Website: www.cherryvalley.co.uk

35 Close Consultancy

Close Consultancy offers expert technical advice to the pig industry on all aspects of pig nutrition and production.

Email: will@closeconsultancy.com
Website: www.closeconsultancy.com

36 Eclipse Scientific Group

Eclipse Scientific Group is one of Europe's leading independent laboratories, with an international reputation for high quality analysis, support and advice. It is a single source of support services to the food and drinks industries.

Services

- Microbiology
- Nutritional analysis
- Vitamins
- Pesticide residues
- Additives
- Minerals
- Veterinary residues
- Milk testing
- Allergen testing
- Technical and consultancy

Address: Eclipse Scientific Group, Metcalfe Way,
Bridge Street, Chatteris,
Cambridgeshire, PE16 6QZ
Telephone: (0)845 2309910
Fax: (0)1354 692215
Email: enquiries@esglabs.co.uk
Website: www.eclipsescientific.co.uk

37 East Malling Research (EMR)

EMR is the principal UK provider of top-class basic, strategic and applied horticultural research and development for the perennial crops sector. Launched in 2004, EMR builds on a 90-year history and world-class reputation for revolutionary research in this field. EMR is a company limited by guarantee and a registered charity operating from two sites in Kent at East Malling and Wye.

Research areas

- Breeding and molecular genetics
- Pest and disease biology and management
- Crop and post-harvest physiology
- Growing systems
- Technology and knowledge transfer

Industry-focused teams of scientists integrate their knowledge of genetics, genomics, biochemistry, entomology, pathology, agronomy and plant physiology to address current industry issues and deliver innovative solutions, particularly applied to:

- Top fruit
- Soft fruit
- Hops
- Hardy nursery stock
- Hardwood trees
- Plants as a source of non-food products

Address: Warwick HRI, Warwick University, East Malling
Research, East Malling, Kent, ME19 6BJ
Telephone: (0)1732 843833
Fax: (0)1732 849067
Website: www.emr.ac.uk

38 Elm Farm Research Centre

Elm Farm Research Centre develops and supports sustainable land-use, agriculture and food systems, primarily within local economies, which build on organic principles to ensure the health and well-being of soil, plants, animals, man and the environment.

EFRC was established as a 'Centre of Excellence' to address the major issues raised by a global economy based on an intensive agricultural system.

It is the UK's leading research, development and advisory institution for organic agriculture, having played a pivotal role in the development of organic research, policy and standards since 1980. EFRC's research is aimed at answering the needs and addressing the questions of the UK organic sector.

Address: Hamstead Marshall, Near Newbury,
Berkshire, RG20 0HR
Telephone: (0)1488 658298
Fax: (0)1488 658503
Email: elmfarm@efrc.com
Website: www.efrc.com

39 Equine Reproductive Services, Messenger Farm

Services

- Routine gynaecological monitoring of mares
- Treatment of problem breeding mares
- Evaluation of stallion fertility
- Barren mare clinics
- Artificial insemination (chilled and frozen semen)
- Management of older breeding mares
- Behavioural problems in mares

Address: Equine Reproductive Services,
Messenger Farm, Ryton, Yorkshire, YO17 6RY
Telephone: (0)1653 668190
Fax: (0)1653 668191
Website: www.pycock.co.uk

40 Equine Studies Group, WALTHAM Centre for Pet Nutrition

The Equine Studies Group is dedicated to advancing the science of nutrition and is committed to sharing its work with veterinarians, scientists and horse owners around the world.

Research areas

- Nutrition and health
- Nutrition and behaviour
- Nutrition and performance
- Nutritional science

Address: Equine Studies Group, WALTHAM Centre for
Pet Nutrition, Melton Mowbray, Leicestershire
Website: www.spillers-feeds.com

41 Eurofins UK

Eurofins Scientific is a leading international group of laboratories providing an unparalleled range of testing and support services to the pharmaceutical, food, environmental and consumer products industries and to governments.

Services

- Agro sciences
- Environmental sciences
- Food testing-nutritional testing, residues and contaminants, food microbiology, food authenticity
- Forensic sciences
- Genetic services
- Genomic services
- Product testing

Address: Eurofins Environmental Services Ltd,
318 Worples Road, London, SW20 8QU
Telephone: (0)20 8946 8621
Website: www.eurofins.co.uk

42 European Centre for Marine Biotechnology

The European Centre for Marine Biotechnology offers international development facilities for new-business tenants and wider partners. All commercial organisations, whatever the scale, will benefit from operating within the hub of this marine focused cluster.

The European Centre for Marine Biotechnology is the centre of a network of facilities with individuals, groups and companies moving freely between centres across the globe, enhancing collaboration and facilitating market penetration.

The European Centre for Marine Biotechnology is home to Aquapharm Biodiscovery Ltd. Culture Collection of Algae and Protozoa (CCAP), GlycoMar and the Scottish Association for Marine Science (SAMS), employing over 135 scientists and leading many national and international research programmes.

Address: European Centre for Marine Biotechnology,
Dunstaffnage Marine Laboratory, Oban,
Argyll, PA37 1QA
Telephone: (0)1631 559000
Fax: (0)1631 559001
Email: elaine.walton@sams.ac.uk
Website: www.ecmb.org

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43 Fisheries Research Services Marine Laboratory (FRS)

FRS is an agency of the Scottish Government Marine Directorate (SGMD). FRS provides expert scientific and technical advice to Government on marine and freshwater fisheries, aquaculture and the protection of the aquatic environment.

Science at FRS is conducted to facilitate the provision of advice to the Scottish Government and also to a range of Government departments. FRS' science programme can be broadly categorised into research, monitoring and advice.

Research areas

- Understanding the functioning of aquatic ecosystems
- Understanding and quantifying human impacts on aquatic ecosystems, particularly on living resources and the aquatic environment
- Evaluating options for sustainable fishing and aquaculture

Address: FRS Marine Laboratory,
PO Box 101, 375 Victoria Road,
Aberdeen, AB11 9DB
Telephone: (0)1224 876544
Fax: (0)1224 295511
Website: www.marlab.ac.uk

44 Food Additives and Ingredients Association

The Food Additives and Ingredients Association is affiliated to the Chemical Industries Association and represents companies whose principal business is the manufacture and marketing of food additives and ingredients.

The organisation promotes better awareness of the role additives play in modern food.

Address: FAIA, 10 Whitchurch Close,
Maidstone, Kent, ME16 8UR
Website: www.faia.org.uk



45 Food Analytical Laboratories

Set up in June 2006 with more collective experience than most other food testing laboratories Food Analytical Laboratories is the largest and fastest growing privately owned food testing organisation in the UK.

With over 85 employees, as of mid August 2008, the company provides the most cost effective, highest quality and fastest turnaround times for food testing in a new 20,000 sq ft laboratory complex.

Services

- Microbiological testing
- Nutritional and chemical analysis
- Due diligence support services
- On-site rapid hygiene testing products
- Audit and consultancy services
- Pesticides, effluents, vitamins
- Asbestos and *legionella* testing services

Address: The Old Mill,
Oxford Road,
Stoke-on-Trent,
Staffordshire, ST6 6QP
Telephone: (0)1782 822355
Fax: (0)1782 818515
Email: info@falabs.co.uk
Website: www.falabs.com

46 Food Chain, Centre of Industrial Collaboration (CIC)

The Food Chain CIC has been actively involved in delivering the power of science to food and drink companies since 2004, providing scientific delivery as well as facilitating projects and innovation.

The Food Chain has a proven track record working directly with food and drink companies to help them solve problems and improve their production and products.

Research areas

- The organisations facility for food research enables the food industry to meet new technical challenges, harness leading-edge science and seize new commercial opportunities in food production

Address: Food Chain CIC, University of Leeds,
Leeds, LS2 9JT
Telephone: (0)1133 437593
Fax: (0)1133 432982
Email: info@foodchaincic.co.uk
Website: www.foodchaincic.co.uk

47 Food Climate Research Network

The Food Climate Research Network aims to provide a comprehensive research, policy and communications resource focusing on how the global greenhouse gas impacts of UK food consumption might be reduced.

Research areas

- Seeks to improve our understanding of the impacts associated with the food chain and the options for emissions reduction, focusing both on the technological and behavioural dimensions

Address: Centre for Environmental Strategy,
Faculty of Engineering and Physical Sciences,
University of Surrey, Guildford,
Surrey, GU2 7XH
Telephone: (0)1483 686670
Fax: (0)1483 686671
Website: www.fcrn.org.uk

48 Food Label Consultancy (flc)

flc is run by a team of qualified food professionals with a wealth of experience in the development and cost effective production of good quality, safe and legal foods.

The company's services are used mainly, but by no means exclusively, by smaller food manufacturers and distributors.

flc was set up in 2000 to offer production and technical experience to food companies across the North of England and flc's client base has continued to grow significantly using external funding wherever possible.

Services

- HACCP and due diligence
- Preparation for formal accreditation
- Traceability
- Internal auditing
- Legal food labelling and nutrition information
- Factory layout and design

Address: flc, 83 Leeds Road,
Leeds, LS16 9BE
Telephone: (0)113 203 7353
Website: www.foodlabel.co.uk

49 Food Technology Centre (FTC)

Established in 1999, the main aim at FTC has been to provide training programmes and technical services to meet the Welsh food industry's long-term needs and to aid in the development of manufacturing and food processing throughout the UK.

Services

- New product development services – providing advice and technical support to new and existing companies for innovative new food products
- Collaborative development projects where companies require the use of facilities to pilot new, innovative products with the support of qualified food technologists
- Assistance in meeting the demands of the market
- Analysis of food products

Address: The Food Technology Centre,
Coleg Menai, Llangefni, LL77 7HY
Telephone: (0)1248 383345
Fax: (0)1248 751482
Email: paul.roberts@menai.ac.uk
Website: www.foodtech-llangefni.co.uk

50 Foodtest Laboratories

Foodtest provides the food and drink industry with a complete range of food testing and laboratory analysis to ensure the safety, quality and legality of manufacturing operations. Foodtest provides a complete food testing solution and in-house dedicated microbiological, chemical, nutritional and consultancy operations to ensure the most complete laboratory analysis for its clients.

Services

- Microbiological analysis
- Chemical analysis
- Nutritional analysis
- LIMS-laboratory information management systems
- Food industry consultation, advice and auditing

Address: Foodtest Laboratories Ltd, Unit 10a,
Langthwaite Grange Industrial Estate,
South Kirkby, Pontefract, WF9 3AP
Telephone: (0)1977 608 319
Website: www.foodtest.co.uk

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51 Forest Research

Forest Research is the UK's principal organisation for forestry and tree related research.

Research areas

- Evaluating woodland resources and potentials
- Land regeneration and urban greening
- People, trees and woodlands
- Protecting trees
- Sustainable forest management
- Tree improvement and forest genetics
- Woodland biodiversity
- Woodlands and the environment

Address: Forest Research, Alice Holt Lodge,
Farnham, Surrey, GU10 4LH
Telephone: (0)1420 22255
Fax: (0)1420 23653
Website: www.forestresearch.gov.uk

52 Forum Bioscience

Forum Bioscience started as a distributor of life science ingredients to the pharmaceutical, food, feed and health products industries. Today, it is a diverse life science group that adds value to the life science industries through:

- Sourcing and marketing of ingredients and finished products
- Product life cycle management
- Catalytic consulting across the life sciences value chain
- Bringing a raft of customers to its clients' concepts

Address: 41-51 Brighton Road, Redhill, Surrey, RH1 6YS
Telephone: (0)1737 773711
Fax: (0)1737 773116
Website: www.forum.co.uk

53 Game Conservancy Trust

The Game Conservancy Trust conducts research into the ecology and biology of game species and their environmental requirements.

Research areas

- Farmland game
- Farmland wildlife
- Upland game
- Upland wildlife
- Predation control studies
- Trout ecology
- Game-bird health
- Monitoring schemes

Address: The Game Conservancy Trust,
Fordingbridge, Hampshire, SP6 1EF
Telephone: (0)1425 652381
Website: www.gct.org.uk

54 Genus Breeding

Genus Breeding is part of the world's leading provider of bovine genetics and reproduction services, marketing in more than 70 countries around the globe. Alongside this is its technologically advanced range of forage, nutrition, foot and udder care products. Through Genus' extensive research and development programme, its cutting-edge technology is being used to maximise the potential of beef and dairy farms throughout the world.

Address: Genus Breeding Ltd, Alpha Building,
London Road, Nantwich,
Cheshire, CW5 7JW
Telephone: (0)870 162 2000
Email: cs@genusbreeding.co.uk
Website: www.genusbreeding.co.uk



55 Greenwood, Ellis and Partners, Veterinary Surgeons

Address: Greenwood, Ellis & Partners, Reynolds House,
166 High Street, Newmarket,
Suffolk, CB8 9AQ
Telephone: (0)1638 663004
Fax: (0)1638 663521
Email: vets@greenwoodellis.co.uk

56 GW Pharmaceuticals

GW Pharmaceuticals is licensed by the UK Home Office to work with a range of controlled drugs for medical research purposes. The Group's lead programme is the development of a product portfolio of cannabinoid products.

Address: GW Pharmaceuticals plc,
Porton Down Science Park, Salisbury,
Wiltshire, SP4 0JQ
Telephone: (0)1980 557000
Email: info@gwpharm.com
Website: www.gwpharm.com

57 Harper Adams, University College Centre for Rural Innovation (CfRI)

Harper Adams generates knowledge to support innovation in rural and regional businesses, by:

- Provision of technical research services and business consultancies
- Making its science, engineering and market research facilities available to support the needs of businesses and public or voluntary sector organisations
- Supporting business networking and development
- Providing training programmes and work-based qualifications to businesses and professional groups
- The development of new technologies

Research areas

- Rural entrepreneurship
- Innovation for sustainable farming
- Food chain safety
- Linking urban and rural economies and communities
- Sustainable technology and rural economy
- Rural advisers and agencies
- Rural professional practice

Address: Harper Adams University College,
Newport, Shropshire, TF10 8NB
Telephone: (0)1952 815328
Email: info@cfri.co.uk
Website: www.harper-adams.ac.uk

58 Harper Adams University College Business Management and Marketing Group

The research interests of Business Management and Marketing Group members range from supply chain management, food desserts, branding and retailing through to organisational slack resources and competition.

Address: Harper Adams University College, Newport, Shropshire, TF10 8NB
Telephone: (0)1952 815386
Fax: (0)1952 814783
Email: mhingley@harper-adams.ac.uk
Website: www.harper-adams.ac.uk/groups/business

59 Henry Doubleday Research Association (HDRA), Garden Organic Ryton

Garden Organic's scientific research aims to develop and improve the techniques used in organic agriculture and to advance the knowledge of organic production systems, focusing on commercial organic horticulture in temperate areas and on sustainable agriculture in developing countries.

Research areas

- Crop technology
- Pests, diseases and weeds
- Economics and marketing policy
- Soil nutrient dynamics
- Landscape and amenity horticulture

International development

The International development programme promotes and facilitates organic and ecological agriculture in Africa, Asia and Latin America with a goal to contribute to the wider understanding and practice of sustainable agriculture as a means to improving food security and environmental resilience.

Research areas

- Farming systems
- Crop husbandry and agroforestry
- Sustainable markets
- Management and utilisation of *Prosopis*
- Capacity building

Address: Garden Organic Ryton, Coventry, Warwickshire, CV8 3LG
Telephone: (0)247 630 3517
Fax: (0)247 663 9229
Email: enquiry@hdra.org.uk
Website: www.gardenorganic.org.uk/research

60 Huntingdon Life Sciences

Huntingdon Life Sciences is one of the world's largest contract research organisations. Founded in 1952 in the UK, the company is now an international business with resources on three continents. Originally the company concentrated upon nutrition, veterinary and biochemical research.

Services

- Pharmaceutical
- Crop protection: ensures that the use of crop protection chemicals is as safe as possible for humans (including farm workers and food handlers), animals and the environment and determining what happens to any crop protection residues in our food, in the soil, in water; what are the effects on wildlife and how do different products react with each other?
- Biopharmaceutical
- Chemical
- Veterinary: provides a comprehensive service to support the industry in meeting regulatory requirements in the fields of efficacy, target animal and human safety, and product quality
- Food: An understanding of plant genetics has enabled the development of crops with new characteristics of herbicide and insect resistance, as well as improved nutritional content. These crop varieties are subjected to rigorous comparison with their traditional counterparts for the assessment of safety to man and the environment. Huntingdon aims to ensure that foods are as safe as possible for us and our animals

Address: Huntingdon Research Centre, Woolley Road, Alconbury, Huntingdon, Cambridgeshire, PE28 4HS
Telephone: (0)1480 892 000
Fax: (0)1480 890 693
Email: sales@ukorg.huntingdon.com
Website: www.huntingdon.com

61 Hammersmith Food Research (HFR)

Hammersmith Food Research is an NHS company established to provide high quality human nutrition research to industry partners. HFR seeks to work closely with industry to develop specific services to address current needs in a cost-effective manner.

Services

- GI measurement
- GI consultancy
- Randomised controlled trials
- General consultancy

Address: Hammersmith Food Research, Ground Floor Hammersmith House, Du Cane Road, London, W12 0HS
Telephone: (0)208 383 3328
Website: www.foodresearch.co.uk

62 Hannah Research Institute

The Hannah Research Institute was established in 1928 as one of a collection of UK government-funded but independent research institutes to promote the scientific development of agriculture, forestry and fisheries.

The Institute's initial remit was to undertake research on dairying, addressing specific problems associated with that industry.

Address: Hannah Research Park, Ayr, Scotland, KA6 5HL
Telephone: (0)1292 477006
Fax: (0)1292 476829
Website: www.hannahresearch.org.uk

63 Holo-Analysis Services

Address: 66 Bathgate Road, London, SW19 5PH
Telephone: (0)208 946 9575

64 GCL Laboratories

G C Laboratories Ltd, is an analytical chemistry consultancy involved in the qualitative and quantitative analysis of all types of products to identify and quantify their constituents.

It has a wide knowledge of analytical techniques for determining compounds in agrochemicals, pharmaceuticals, veterinary products, food, the environment and miscellaneous products from industrial and private sources.

GC Laboratories is involved in analyses at all levels, from the macro, which covers areas such as formulation analyses, quality control, storage stability trials, five batch analyses, to the micro, such as the determination of trace amounts of pesticide residues in crops, food and water.

Address: G C Laboratories Ltd, Analytical Chemistry Centre, 6 Fen End, Astwick Road, Stotfold, Hitchin, Hertfordshire, SG5 4BA
Telephone: (0)1462 733770
Fax: (0)1462 733898
Email: enquiries@gclabs.com
Website: www.gclabs.com

65 Genon Laboratories

The Genon team comprises of a team of scientists with more than 30 years of experience in immunological testing and molecular biology. Genon Laboratories Ltd is a UKAS accredited testing laboratory, accredited for gluten (general foods), DON and Aflatoxin B1 (cereals and animal feedstuffs), and a range of GMOs in food and feed.

Services

- Mycotoxin testing
- Authenticity and adulteration
- Genetically modified organism detection
- Residue and contaminant testing
- Free consultancy service
- HACCP, training and consultancy
- Hygiene assessment

Address: Genon Laboratories Limited, Unit 6a Top Land Country Business Park, Cragg Vale, Hebden Bridge, West Yorkshire, HX7 5RU
Telephone: (0)1422 884287
Fax: (0)1422 884287
Email: enquiries@genonlabs.co.uk
Website: www.genonlabs.co.uk

66 IGD

IGD works with consumers, companies and individuals throughout the food and grocery chain to provide information, research and leading edge best practice to help companies grow their business and develop their people.

Research areas

- Provides leading-edge research and information in both the domestic and international markets for food and grocery products and the challenges ahead. The work focuses on the whole food and grocery chain from the consumer, retailing and foodservice, to manufacturing, wholesaling, distribution and farming

Address: IGD, Grange Lane, Letchmore Heath, Watford, Hertfordshire, WD25 8GD
Telephone: (0)1923 857141
Fax: (0)1923 852531
Email: igd@igd.com
Website: www.igd.org.uk



67 Industry Council for Packaging and the Environment (INCPEN)

INCPEN is a research organisation, which draws together an influential group of companies who share a vision of the future where all production, distribution, and consumption are sustainable.

Services

- Ensure that policy on packaging makes a positive contribution to sustainability
- Encourage industry to minimise the environmental impact of packaging and packaged goods and continuously improve packaging
- Explain the role of packaging in society

Address: INCPEN, SoanePoint, 6-8 Market Place, Reading, Berkshire, RG1 2EG
Telephone: (0)118 925 5991
Fax: (0)118 925 5993
Email: info@incpen.org
Website: www.incpen.org

68 Institute for Animal Health

The Institute of Animal Health has three laboratories specialising in different areas of animal health research.

Research areas

- Compton Laboratory – research on endemic diseases of cattle, pigs, poultry and sheep
- Pirbright Laboratory – research on diseases of farm animals exotic to the UK
- Neuropathogenesis Unit – research on transmissible spongiform encephalopathies

Address: Institute for Animal Health, Compton Laboratory, Compton, Newbury, Berkshire, RG20 7NN
Telephone: (0)1635 578411
Fax: (0)1635 577237
Email: animal.health@bbsrc.ac.uk
Website: www.iah.bbsrc.ac.uk

Address: Institute for Animal Health, Neuropathogenesis Unit, Ogston Building, West Mains Road, Edinburgh, EH9 3JF
Telephone: (0)131 667 5204
Fax: (0)131 668 3872
Website: www.iah.bbsrc.ac.uk

Address: Institute for Animal Health, Pirbright Laboratory, Ash Road, Pirbright, Woking, Surrey, GU24 0NF
Telephone: (0)1483 232441
Fax: (0)1483 232448
Website: www.iah.bbsrc.ac.uk

69 Institute of Food Research (IFR)

The Institute of Food Research's vision is to be a world-leading contributor to harnessing food for health and controlling food-related disease.

IFR is a not-for-profit company with charitable status sponsored by the Biotechnology and Biological Sciences Research Council (BBSRC). IFR is the UK's only integrated basic science provider focused on food.

Research areas

- Gastrointestinal biology and health
- Commensals and microflora
- Phytochemicals and health
- Micronutrients
- Personalised nutrition
- Structuring foods for health
- Pathogens: molecular microbiology
- Pathogens: physiology and predictive ecology
- Many collaborative projects with UK, European and overseas industrial and research partners and one-to-one confidential projects with a range of food companies

Address: Norwich Research Park, Norwich, Norfolk, NR4 7UA
Telephone: (0)1603 255000
Fax: (0)1603 507723
Website: www.ifr.ac.uk

70 Institute of Food Science and Technology (IFST)

The Institute of Food Science and Technology (IFST) is the leading independent qualifying body for food professionals in Europe and the only professional body in the UK concerned with all aspects of food science and technology. Through the expertise of its members, IFST is uniquely placed to provide independent objective information on food issues. Institute statements are publicly available, prepared and peer-reviewed by experts within the IFST membership and are uninfluenced by sectional or 'political' motives.

Services

- Information statements
- Advisory statements
- Publications
- Events

Address: Institute of Food Science and Technology, 5 Cambridge Court, 210 Shepherds Bush Road, London, W6 7NJ
Telephone: (0)207 603 6316
Fax: (0)207 602 9936
Email: info@ifst.org
Website: www.ifst.org

71 Institute of Grassland and Environment Research (IGER)

The former Institute of Grassland and Environmental Research (IGER) in Wales, has merged into Aberystwyth University and, together with the University's Institutes of Biological Sciences and Rural Sciences, has formed the new Institute of Biological Environmental and Rural Sciences **see the (IBERS) Universities – Aberystwyth.**

IGER at North Wyke Research is the home of grassland systems science within Rothamsted Research, a BBSRC institute. It undertakes internationally excellent science that elucidates the interactions between soil, microbes, plants, animals, water and the atmosphere within grassland-dominated landscapes.

Address: North Wyke Research, Okehampton, Devon, EX20 2SB
Telephone: (0)1837 883500
Fax: (0)1837 82139
Website: www.northwyke.bbsrc.ac.uk

72 Institute of Zoology, Zoological Society of London

Research at the Institute of Zoology is organised into seven research themes:

- Wild animal health and welfare
- Behavioural and evolutionary ecology
- Biodiversity and macroecology
- Genetic variation, fitness and adaptability
- Population and community ecology
- Reproductive biology
- Wildlife epidemiology

Address: Institute of Zoology, Zoological Society of London, Regents Park, London, NW1 4RY
Telephone: (0)207 722 3333
Fax: (0)207 586 2870
Email: enquiries@ioz.ac.uk
Website: www.zoo.cam.ac.uk

Note:

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73 Intertek, Food Testing Services

Intertek laboratories provide analytical testing solutions for the food industry and food related industries. Intertek analytical food chemistry expertise is available for a wide range of applications and products. The laboratories are equipped with modern analytical instrumentation operated by experienced chemists.

Food testing capabilities include:

- Food properties: food composition, quality, safety, nutritional analysis, identification and labelling
- Food supplements, vitamins, additives, preservatives, dyes and other ingredients
- Heavy metals, toxins, pesticide residue, trace residual analysis
- Problem solving, test method development, food package analysis
- Visit full food testing laboratory services
- Full food safety related services
- Food safety overview
- Food Inspection overview
- Agricultural bulk cargo inspection services including fertilisers

Address: 25 Savile Row, London, W1S 2ES
Telephone: (0)1708 680248
Website: www.intertek-cb.com

74 International Aquafeed Association (IAA)

IAA is positioned to play a central role in assuring the progressive development and sustainable expansion of the aquafeed industry by driving the adoption of better commercial practices.

Address: IAA, 214 Prestbury Road, Cheltenham, Gloucestershire, GL52 3ER
Telephone: (0)1242 267707
Website: www.aquafeed.org

75 International Fishmeal and Oil Organisation (IFFO)

IFFO is the international not-for-profit organisation which represents fishmeal and fish oil producers and related trades throughout the world.

Address: International Fishmeal and Oil Organisation, 2 College Yard, Lower Dagnall Street, St Albans, AL3 4PA
Telephone: (0)1727 842844
Website: www.iffonet

76 International Institute for Environment and Development

The International Institute for Environment and Development is an international policy research institute and non-governmental body working for more sustainable and equitable global development.

Research areas

- Natural resources
- Human settlements
- Governance
- Climate change
- Sustainable markets

Address: International Institute for Environment and Development, 3 Endsleigh Street, London, WC1H 0DD

Telephone: (0)207 388 2117

Fax: (0)207 388 2826

Email: info@iied.org

Website: www.iied.org

77 International Institute for Tropical Agriculture (IITA)

IITA is an Africa-based international research-for-development organisation, established in 1967, with an office in London.

IITA's vision is to be Africa's leading research partner in finding solutions for hunger and poverty. With more than 100 international scientists based in various stations across Africa, IITA is dedicated to the development of technologies that reduce producer and consumer risk, increase local production, and generate wealth.

IITA is supported primarily by the Consultative Group for International Agricultural Research (CGIAR) (www.cgiar.org).

Research areas

- Banana and plantain systems
- Cereals and legumes systems
- Roots and tubers systems
- Agriculture and health
- Agro-biodiversity
- Horticulture and tree systems
- Opportunities and threats
- System-wide programme on IPM
- Germplasm health
- Genebank

Address: LW Lambourn & Co., Carolyn House, 26 Dingwall Road, Croydon, Surrey, CR9 3EE

Website: www.iita.org

78 International Pesticide Application Research Centre (IPARC)

IPARC has focused on application methods for smallholder farmers. It emphasises practical and cost-effective techniques to manage pests, while reducing the use of chemical pesticides and promoting the efficacy of natural processes and alternative biological agents. Based in Berkshire, England, IPARC has been an integral part of pesticide research at Silwood Park for more than 50 years. It has specialised in the needs of small-holder farmers, application techniques for migrant pest and vector control. IPARC is a World Health Organisation (WHO) collaborating centre, and its activities have been endorsed by the Pesticide Evaluation Scheme (WHOPES).

Research areas

- Selection and use of sprayers appropriate for developing countries
- Rational pesticide use (RPU) in integrated crop and pest management systems
- Design and development of spraying equipment and ancillary equipment (e.g. Controlled Droplet Application (CDA) and low volume systems)
- Standards setting for application equipment and sprayer testing (for WHO, FAO and the Inter-African Phyto-Sanitary Council)
- Biopesticide formulation and application
- Nozzle evaluation: droplet spectrum analysis; collaboration with the BCPC nozzle classification scheme
- Participatory training of farmers and trainers

Address: Department of Biological Sciences, Imperial College, Silwood Park Ascot, Berkshire, SL5 7PY

Telephone: (0)207 594 2248

Fax: (0)207 594 2339

Email: d.wright@ic.ac.uk

Website: www.iparc.org.uk

79 John Innes Centre (JIC)

JIC is an independent, international centre of excellence in plant science and microbiology. The scientific research at the Centre makes use of a wide range of disciplines in the biological and chemical sciences.

Research areas

- Biological chemistry
- Cell and developmental biology
- Crop genetics
- Disease and stress biology
- Metabolic biology
- Molecular biology
- Computational biology

Address: Colney Lane, Norwich, Norfolk, NR4 7UH

Telephone: (0)1603 450000

Fax: (0)1603 450045

Website: www.jic.ac.uk

80 JSR Genetics

JSR Genetics integrates JSR Healthbred, JSR Newsham and Cotswold Pig Development Company, providing pig producers with an unparalleled range of products and services and a wide choice of top quality breeding stock and semen.

Research areas

- Quantitative genetics
- Carcass, meat and eating quality
- Health and welfare
- Reproduction and artificial insemination
- Molecular genetics and genomics
- Housing and nutrition

Address: JSR Genetics, Southburn, Driffield, East Yorkshire, YO25 9ED

Telephone: (0)1377 227799

Fax: (0)1377 229403

Website: www.jsrgenetics.com

81 JW Aquaculture

JW Aquaculture is the parent company of the group providing advice and offering designs for culture systems, for any species.

Services

- Aquaculture
- System design
- Consultancy
- Education
- Aquatic pest management
- Environmental

Address: 28 Gnoll Park Road, Neath, South Wales, SA11 3DG

Email: enquiries@jwaquaculture.co.uk

Website: www.jwaquaculture.co.uk



82 Leatherhead Food International

Leatherhead Food International is a global and independent provider of food information, market intelligence and technical and food research services, delivering consultancy services varying from large scale Government research, through individually tailored client information projects, to nutritional, sensory and consumer studies.

LFI has 1,000 members internationally, who it supports daily with the whole range of its food expertise, and with its regular training programmes.

Research areas

- Nutrition and health
- Food quality
- Food safety
- Consumer and sensory science
- Food ingredients
- Confectionery

Address: Leatherhead Food International, Randalls Road, Leatherhead, Surrey, KT22 7RY

Telephone: (0)1372 376761

Fax: (0)1372 386228

Email: help@leatherheadfood.com

Website: www.leatherheadfood.com

83 Levington Environmental and Levington Laboratories

Levington Environmental and Levington Laboratories are independent environmental testing, analysis and consultancy services.

Established in 1986, the laboratories have worked successfully for over 400 clients from multinational plc's to private individuals.

Working mainly in East Anglia the company has built-up an excellent reputation for an efficient, cost effective service.

Services

- Environmental sampling and analysis for air, land and water pollution
- Soil nitrogen analysis
- Scanning electron microscopy (SEM) analysis
- Workplace COSHH assessments, air quality monitoring and survey work

Address: Levington, Iken House, 8 Acer Road, Rendlesham, Suffolk, IP12 2GA

Telephone: (0)1394 460000

Fax: (0)1394 420951

Website: www.levington.com

84 LGC

LGC is an international leader in the laboratory services, measurement standards, reference materials and proficiency testing marketplaces. LGC's products and services enable customers to achieve excellence in investigative, diagnostic and measurement science and to conform to international statutory and regulatory standards.

Services

- LGC has four operating divisions that focus upon: forensic science; pharmaceutical and biotechnology research, development and quality control; food chain and environmental surveillance and safety; life science, genomics, proteomics and basic research
- LGC plays a prominent role in food, agriculture and environmental safety programmes throughout Europe providing well established, dependable, high quality and highly sensitive analysis.

Address: LGC, Queens Road, Teddington, Middlesex, TW11 0LY
Telephone: (0)208 943 7000
Fax: (0)208 943 2726
Email: info@lgc.co.uk
Website: www.lgc.co.uk

85 Liphook Equine Hospital

The equine practice offers a full range of both routine and emergency advice and treatments for horses. The laboratory provides rapid and reliable diagnostic results for its own vets and for colleagues in referring practices throughout the country. Hospital services range from lameness investigations to heart scans, from liver biopsies to colic surgeries and from arthroscopy to neonatal foal care.

Address: Liphook Equine Hospital, Forest Mere, Liphook, Hants, GU30 7JG
Telephone: (0)1428 723594
Fax: (0)1428 722263
Email: info@theleh.co.uk
Website: www.liphookequinehosp.co.uk

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86 Macaulay Institute

Founded in 1930, the Macaulay Institute is an international centre for research and consultancy on the environmental and social consequences of rural land uses.

Interdisciplinary research, across the environmental and social sciences, aims to support the protection of natural resources, the creation of integrated land use systems and the development of sustainable rural communities.

Research areas

- Changing landscapes
- Climate change
- Society and countryside
- Soil quality
- Understanding biodiversity
- Water resources

Address: Macaulay Land Use Research Institute, Craigiebuckler, Aberdeen, AB15 8QH
Telephone: (0)1224 498200
Fax: (0)1224 311556
Email: enquiries@macaulay.ac.uk
Website: www.macaulay.ac.uk

87 Marchwood Scientific Services (MSS)

Based in Southampton MSS is a leading provider of quality laboratory services to the environmental and food sectors.

Services

- Food analysis. Over the past few years the protection of food from potentially hazardous residues such as dioxins, PCBs and pesticides has become a major topic of public interest. MSS is a leading provider of quality laboratory services to the food industry, and is the market leader in the analysis of dioxins and furan concentrations in food samples

Environmental Services

- Dioxins analysis
- Stack sample analysis
- Air sample analysis
- Contaminated land
- Services for waste management industry
- Environmental monitoring services
- Organic analysis

Address: Marchwood Scientific Services Ltd., Unit 4 Marchwood Industrial Park, Marchwood, Southampton, Hampshire, SO40 4PB
Telephone: (0)2380 669126
Fax: (0)2380 669127
Email: enquire@marchwood-scientific.co.uk
Website: www.marchwood-scientific.co.uk

88 Marine Stewardship Council (MSC)

The MSC is the world's leading certification and eco-labelling programme for sustainable seafood. MSC develops standards for sustainable fishing and seafood traceability. It ensures that MSC-labelled seafood comes from, and can be traced back to, a sustainable fishery.

Address: MSC Head Office (Worldwide) and Regional Office – Europe, Middle East and Africa, 3rd floor, Mountbarrow House, 6-20 Elizabeth Street, London, SW1W 9RB
Telephone: (0)207 811 3300
Fax: (0)207 811 3301
Website: www.msc.org

89 Merrivale Research

Address: Merrivale Research, Exton Lane, Exeter, EX3 0PP

90 Moredun Research Institute

MRI is a grant-aided public body, receiving core funding from the Scottish Government, supplemented by competitive awards. Commercial research is undertaken by Moredun Scientific Ltd.

Research areas

- Research spans all levels of biological organisation, from molecular through cellular, tissue, organ, whole animal and population studies within three research divisions: bacteriology; parasitology; virology and three cross-divisional multidisciplinary themes: immunology; molecular biology; pathology

Address: Pentlands Science Park, Bush Loan, Penicuik, Midlothian, EH26 0PZ
Telephone: (0)131 445 5111
Fax: (0)131 445 6111
Website: www.mri.sari.ac.uk

91 Moulton College

Research undertaken at the College has a direct application to the land based industries and focuses on addressing real issues.

Research areas

- Animal welfare
- Environmental management
- Equine
- Veterinary health studies

Address: Moulton College, West Street, Moulton, Northamptonshire, NN3 7RR
Telephone: (0)1604 491131
Email: enquiries@moulton.ac.uk
Website: www.moulton.ac.uk

92 MRC Human Nutrition Research (HNR)

HNR has brought together a strong multi-disciplinary team of specialists, with backgrounds in nutrition, dietetics, medicine, physiology, endocrinology, biophysics, chemistry, biochemistry, molecular biology, mathematics and statistics. HNR has a multi-disciplinary structure that creates a truly integrated scientific approach, established around a core of internationally renowned scientists with a strong reputation among international collaborators, particularly in Europe, Africa, Asia and South America.

Research areas

- Nutrition and bone health research
- Micronutrient status research
- Bioanalytical sciences
- Population nutrition research
- Nutrition and health research

Address: MRC Human Nutrition Research, Elsie Widdowson Laboratory, Fulbourn Road, Cambridge, CB1 9NL
Telephone: (0)1223 426356
Website: www.mrc-hnr.cam.ac.uk

93 Natural Resources Institute (NRI)

NRI is a leader in natural resources research, promoting efficient management and use of renewable natural resources in support of sustainable livelihoods. Research is primarily focused on developing and emerging economies. However, much of the work involves interaction with the developed world where it is equally applicable.

NRI's research contributes to the environmentally sound management of physical and biological resources for use by future generations, and to the development of human and social capital.

Research areas

- Plant diseases
- Chemical ecology and plant biochemistry
- Agro-ecology and insect behaviour
- Biological-based crop protection
- Post-harvest and value addition
- Vector-borne diseases of animals and humans

Address: Natural Resources Institute, University of Greenwich at Medway, Central Avenue, Chatham Maritime, Chatham, Kent, ME4 4TB
Telephone: (0)1634 880088
Fax: (0)1634 880077
Email: nri@greenwich.ac.uk
Website: www.nri.org

94 Natural History Museum

The Natural History Museum has been gathering knowledge about the natural world for 250 years. Research tackles today's issues of biodiversity decline, disease, climate change and environmental pollution and NHM is one of the world's premier institutions for naming, describing and classifying all life on Earth.

Research areas

- Botany
- Entomology
- Mineralogy
- Palaeontology
- Zoology

Address: Cromwell Road,
London, SW7 5BD
Telephone: (0)207 942 5000
Website: www.nhm.ac.uk

95 National Institute of Applied Biology (NIAB), Molecular Research Group

NIAB is a plant science research organisation developing parental plant breeding material, research, technical services and training in plant genetic resources for world-wide use.

A major new function of NIAB is to engage in pre-competitive plant breeding with a mandate to produce a portfolio of novel traits targeted at specific end-uses. This initiative will develop new traits and capture them in germplasm that is acceptable and usable by commercial plant breeding companies. The main focus will be on environmentally and nutritionally relevant, strategic traits in line with the needs of UK government and society.

Research areas

- Genetics and breeding
- Diversity genomics
- Disease resistance
- Novel and non-food crops

Address: NIAB, Huntingdon Road, Cambridge, CB3 0LE
Telephone: (0)1223342200
Fax: (0)1223 277602
Website: www.niab.com

96 Nautilus Consultants

Formed in 1979, Nautilus Consultants has consistently provided practical strategic advice to natural resource users, managers and planners. The company has been a long-term proponent of sustainable development, taking an interdisciplinary and integrated approach to development problems. Nautilus sets itself apart by providing bridging services between natural resource, environmental, economic, commercial and socio-political interests.

The company's work has focused on economic planning and commercial development in the fields of fisheries and coastal economies, undertaking work spanning the continents – Africa, Asia, Europe, and the Americas – as well as a wide range of island economies – in the Pacific, the Atlantic, the Indian Ocean and the Caribbean. More recently Nautilus has added to and broadened its portfolio of work whilst still continuing to grow its fisheries related business.

Address: Nautilus UK, Nautilus Consultants,
6 Crossland Crescent,
Peebles, EH45 8LF
also
Nautilus Consultants Ltd.,
Highland Office, Strathpeffer, IV14 9AW
Telephone: (0)1721 729839
Website: www.nautilus-consultants.co.uk

97 New England Seafood

New England Seafood is a major supplier of fresh and frozen premium sustainable fish and seafood in the UK and one of the largest importers of fresh tuna.

Customers include the UK's leading supermarkets as well as smaller retail outlets; restaurant chains; food service markets and wholesale sectors nationwide.

The company sources in excess of 30 species of wild and farmed fish and seafood from over 40 countries worldwide and its expertise lies in a passion for responsible sourcing, as well as its value-adding, turning raw material into a hand-crafted product.

Address: New England Seafood International Limited,
48 Cox Lane, Chessington,
Surrey, KT9 1TW
Telephone: (0)208 391 91777
Website: www.neseafood.com

98 Nexxus – The West of Scotland Bioscience Network

Nexxus promotes and supports research excellence, innovation and knowledge transfer within the life science community in the West of Scotland.

The West of Scotland has a thriving bioscience research community, one of the largest in Europe. In excess of 2,600 researchers, working in four universities, and a number of research institutes, work in interdisciplinary science and clinical collaborative networks.

The West of Scotland is home to 166 bioscience companies, including diagnostics, therapeutics, medical devices, contract research and manufacturing.

Research areas

- Bio imaging
- Bioinformatics
- Obesity and diabetes
- Veterinary medicine

Address: 10 The Square,
University Avenue,
Glasgow, G12 8QQ
Telephone: (0)141 330 5381
Fax: (0)141 330 2747
Email: info@nexxusscotland.com
Website: www.nexxusscotland.com

99 OCA UK

OCA UK Ltd provides specialist arboricultural claims investigation and arboricultural mitigation services to UK insurers, UK Councils, loss adjusters, engineers and solicitors.

Address: OCA Colchester, 4 The Courtyards,
Phoenix Square, Severalls Park,
Wyncolls Road, Colchester,
Essex, CO4 9PE
Telephone: (0)1206 751626
Fax: (0)1206 855751
Website: www.oca-arb.co.uk

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100 Overseas Development Institute (ODI)

The Overseas Development Institute's mission is to lock together high quality applied research, practical policy advice, and policy-focused dissemination and debate.

Research areas

- Humanitarian policy
- International economic development
- Poverty and public policy
- Research and policy in development
- Rural policy and governance

Address: Overseas Development Institute,
111 Westminster Bridge Road,
London, SE1 7JD
Telephone: (0)207 922 0300
Email: odi@odi.org.uk
Website: www.odi.org.uk

101 PASH Beverage Research

P.A.S.H. Beverage Research produces a 'Topical and Timely' series of periodic reports relating to current issues in the beverage industry.

Consultancy – P.A.S.H. Beverage Research provides consultancy services including single client ad-hoc research projects.

Address: PASH Beverage Research,
44 Lindsey Drive, Crowle,
North Lincolnshire, DN17 4NY
Telephone: (0)1724 712143
Email: info@pashbeverageresearch.com
Website: www.pashbeverageresearch.com

102 Pesticide Action Network UK (PAN UK)

PAN UK promotes healthy food, agriculture and an environment which will provide food and meet public health needs without dependence on toxic chemicals, and without harm to food producers and agricultural workers. PAN UK is an independent, non-profit organisation. It works nationally and internationally with like-minded groups and individuals concerned with health, environment and development to:

- Eliminate the hazards of pesticides
- Reduce dependence on pesticides and prevent unnecessary expansion of use
- Increase the sustainable and ecological alternatives to chemical pest control

Address: 56-64 Leonard Street, London, EC2A 4LT
Telephone: (0)207 065 0905
Fax: (0)207 065 0907
Email: admin@pan-uk.org
Website: www.pashbeverageresearch.com



103 Pfizer Animal Health, Veterinary Medicine Research and Development

Pfizer Animal Health focuses on medicines and vaccines for livestock and companion animals. With its premier position in the UK market, the company discovers, develops and markets a wide range of animal medicines, including vaccines, antibiotics and both internal and external parasiticides for farm livestock, horses and family pets.

Research areas

- Allergy and respiration
- Cardiovascular, metabolic and endocrine diseases
- Dermatology
- Gastrointestinal and hepatology
- Genitourinary
- Inflammation
- Infectious diseases
- Neuroscience
- Oncology
- Ophthalmology
- Pain

Address: Pfizer Limited, Walton Oaks, Dorking Road, Tadworth, Surrey, KT20 7NS
 Telephone: (0)1304 616161
 Website: www.pfizer.co.uk

104 Plant Health Solutions

With 20 years experience of leading applied and strategic research in agriculture and horticulture, and especially in the fields of plant pathology and microbiology, Plant Health Solutions can provide research and development solutions for microbial and plant disease problems, from small laboratory studies to large collaborative multi-site trials. Advice can also be provided on the statistical design, analysis and interpretation of clients own trials/studies.

Address: Plant Health Solutions, 20 Beauchamp Road, Warwick, CV34 5NU
 Telephone: (0)1926 498214
 Website: www.planthealth.co.uk

105 Plymouth Marine Sciences Partnership

The Plymouth Marine Sciences Partnership provides access to seven leading scientific organisations dedicated to the study of the marine environment and global ecosystems.

Research areas

- Sustainable energy
- Earth observation
- Ecosystem modelling
- Biogeochemistry
- Coasts and beaches
- Ecological status and health
- Novel technology
- National assets
- Policy and socio-economics
- Monitoring
- Biodiversity
- Molecular and cell sciences
- Estuarine management

Address: Plymouth Marine Sciences Partnership, c/o The Laboratory, Citadel Hill, Plymouth, Devon, PL1 2PB
 Telephone: (0)1752 633234
 Email: forinfo@pmsp.org.uk
 Website: www.pmsp.org.uk

106 Premier Nutrition Products

Premier Nutrition was founded and is operated by some of the world's leading nutritionists. PNP provides nutrition information to manufacturers of animal food. To get the information, customers buy micro ingredients individually, or premixed at food safe factories.

Address: Premier Nutrition Products Ltd, Brereton Business Park, The Levels, Rugeley, Staffordshire, WS15 1RD
 Telephone: (0)1889 572500
 Email: info@premiernutrition.co.uk
 Website: www.premiernutrition.co.uk

107 Rare Breeds Survival Trust

The purpose of the Trust is to secure the continued existence and viability of the UK's native farm animal genetic resources (FAnGR).

The Trust:

- Gathers and interprets information to produce population statistics for all its endangered breeds
- Collaborates with research organisations to identify breed characteristics
- Advises, supports and works with breed societies to ensure that important bloodlines and essential genetics are identified and diversity maintained
- Promotes the value of native breeds to the public and represents their interests to government

Address: Rare Breeds Survival Trust (RBST), Stoneleigh Park, Nr Kenilworth, Warwickshire, CV8 2LG
 Telephone: (0)247 669 6551
 Fax: (0)247 669 6706
 Website: www.rbst.org.uk

108 Reading Scientific Services (RSSL)

RSSL provides science and technology outsourcing to the global food, drink, pharmaceutical, healthcare and consumer goods industries and their suppliers in the agriculture, ingredients and chemicals sectors.

RSSL's business is founded on scientific expertise and industry-leading customer service operating within the framework of externally accredited quality systems.

Services

- Food analysis services
- Pharmaceutical analytical testing services
- Investigative analysis
- Emergency response services
- New food product and ingredient development
- Clinical sciences
- Food training
- Pharmaceutical training
- Consultancy
- Food E-news

Address: Reading Scientific Services Limited, Reading Science Centre, Whiteknights Campus, Pepper Lane, Reading, Berkshire, RG6 6LA
 Telephone: (0)118 986 8541
 Fax: (0)118 986 8932
 Email: enquiries@rssl.com
 Website: www.rssl.com

109 Roslin Institute

The Roslin Institute works in a wide range of disciplines including molecular and cell biology, quantitative genetics, developmental biology, bio-informatics, comparative and functional genomics.

Research areas

- Genetics and genomics
- Neuropathogenesis
- Developmental biology
- Infection and immunity

Address: Roslin Institute, Roslin BioCentre, Roslin, Midlothian, EH25 9PS
 Telephone: (0)131 527 4200
 Fax: (0)131 527 4499
 Website: www.roslin.ac.uk

110 Roslin BioCentre

Roslin BioCentre capitalises on a wealth of knowledge and skills across a critical mass of leading scientists and organisations including the Roslin Institute, Moredun Institute, University of Edinburgh, Royal Dick Veterinary School, Scottish Agricultural College and Heriot Watt University.

Address: Roslin BioCentre, Roslin, Midlothian, EH25 9PS
 Telephone: (0)131 200 6400
 Fax: (0)131 200 6401
 Email: info@roslin-biocentre.com
 Website: www.roslinbiocentre.com

111 Rossdale and Partners, Beaufort Cottage Stables

Since Peter Rossdale established Rossdale and Partners in 1959, it has developed into an internationally renowned equine veterinary practice that is now the largest in the UK, with 25 clinicians working from two locations.

In 1997 a purpose-built equine hospital was completed at the Exning site, providing surgical, medical, neo-natal and intensive care facilities.

Address: Rossdale and Partners, Beaufort Cottage Stables, High Street, Newmarket, Suffolk, CB8 8JS
 Telephone: (0)1638 663150
 Fax: (0)1638 660157
 Website: www.rossdales.com



112 Rothamsted Research

The mission of Rothamsted Research is to be recognised internationally as a primary source of first-class scientific research and new knowledge that addresses stakeholder requirements for innovative policies, products and practices to enhance the economic, environmental and societal value of agricultural land.

Rothamsted Research will accomplish its mission by:

- Enhanced crop quality and more sustainable systems of production
- Environment-enhancing management practices for crops and associated habitats; Protection and remediation of soil quality
- New sustainable products from crops
- Conservation and utilisation of biodiversity
- Elevating societal confidence in science for agriculture

Research areas

- Bioenergy and climate change
- Crop genetic improvement
- Soils and ecosystem function
- Sustainable pest and disease management
- Mathematical and computational biology

Address: Rothamsted Research,
Harpenden,
Hertfordshire, AL5 2JQ

Telephone: (0)1582 763133

Fax: (0)1582 766981

Website: www.rothamsted.bbsrc.ac.uk

113 Rothamsted International (RI)

RI is a non-profit making charity working towards sustainable agriculture in developing and emerging countries.

RI aims to share research excellence across the developing and emerging countries of the world for the benefit of agricultural and environmental sustainability – improving food quality and production for all, including the world's poorest people.

Visiting RI Fellows make use of the current, state-of-the art, facilities and expertise at Rothamsted Research, the oldest agricultural research station in the world.

RI's main activities include managing two Fellowship schemes, and co-ordinating and supporting international projects in Africa, the Americas, Eurasia and South East Asia.

Address: Rothamsted International,
Harpenden,
Hertfordshire, AL5 2JQ

Telephone: (0)1582 763133
Ext. 2441

Email: rothamsted.international@bbsrc.ac.uk

Website: www.rothamsted-international.org

114 Rowett Institute of Nutrition and Health

The Rowett Institute of Nutrition and Health is part of the College of Life Sciences and Medicine at the University of Aberdeen.

The Institute brings together extensive capabilities and expertise in nutritional research to pursue cutting edge science aimed at preventing disease and improving health through good nutrition.

Research areas

- Developing an understanding of the biological activity of specific nutrients at a cellular level
- The identification and development of biomarkers to aid in the detection and prevention of diet-related diseases
- Understanding the basis of individual differences in responses to diet

Address: The Rowett Institute of Nutrition and Health,
Greenburn Road, Bucksburn,
Aberdeen, AB21 9SB

Telephone: (0)1224 712751

Fax: (0)1224 715349

Website: www.rowett.ac.uk

115 Royal Agricultural College, Cirencester

The Royal Agricultural College, Cirencester, is a leading university college offering education and training for the agricultural, land, food business, equine and property industries.

Research areas

- Countryside and rural economy
- Food chain research
- Rural property, market and development
- Equine
- Agricultural systems
- RICS CAP Reform briefing papers

Address: Royal Agricultural College,
Stroud Road, Cirencester,
Gloucestershire, GL7 6JS

Telephone: (0)1285 652531

Fax: (0)1285 650219

Website: www.royagcol.ac.uk

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116 Royal Botanic Garden, Edinburgh

The Garden is first and foremost a scientific institution, dedicated to discovering and describing plants and their relationships, evolution, conservation and biology.

This research is underpinned by the Garden's internationally important collections of living and preserved plants, a large specialist library, and by modern well-equipped laboratories.

Research areas

- Tropical diversity
- Major floras
- Genetics and conservation
- Cryptogamic plants and fungi

Address: 20A Inverleith Row,
Edinburgh, EH3 5LR

Telephone: (0)131 552 7171

Fax: (0)131 248 2901

Website: www.rbge.org.uk

117 Royal Botanic Gardens, Kew

Research focuses mainly on the collections of plants, both living and preserved, and scientific literature. Full use is made of the extensive human knowledge base and expertise in taxonomy and horticulture in the institute as a whole.

Research, documentation and conservation are all based on the collections in the Gardens, curated and conserved through its horticulture. Kew scientists work within cross-departmental science teams involving staff from the three science departments – the Herbarium, the Jodrell Laboratory and the Seed Conservation Department – and in many instances, information services and horticulture and public education.

Research areas

- Collections
- Baseline plant diversity research
- Comparative plant biology
- Sustainable utilisation of plant resources
- Conservation and environmental monitoring

Address: Royal Botanic Gardens Kew,
Richmond, Surrey, TW9 3AB

Telephone: (0)208 332 5000

Fax: (0)208 332 5197

Email: info@kew.org

Website: www.rbgekew.org.uk

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

118 Royal Horticultural Society

Established in 1804, the Royal Horticultural Society is the UK's leading gardening charity dedicated to advancing horticulture, promoting and encouraging gardening.

Research areas

- Cultivated plant taxonomy
- Soils, plant establishment and cultivation
- Plant diseases
- Plant pests

Address: Royal Horticultural Society,
80 Vincent Square, London, SW1P 2PE

Telephone: (0)845 260500

Email: info@rhs.org.uk

Website: www.rhs.org.uk

119 Royal Society for the Prevention of Cruelty to Animals (RSPCA)

The RSPCA works to promote kindness and prevent cruelty to animals. The RSPCA bases its animal welfare stance on moral and ethical values of care and compassion, but relies on sound science to inform its decision-making, formulate its policies, define its strategies, and promote change for the improvement of animal welfare.

The on-going work of the farm animals department includes the development of detailed welfare specifications and health plan notes for all the main farmed species. These standards are used by Freedom Food, the RSPCA's farm animal welfare food labelling scheme, and have been adapted for use by similar schemes in other countries including the USA, Canada and Australia.

Address: Wilberforce Way, Southwater, Horsham,
West Sussex, RH13 9RS

Telephone: (0)870 333 5999

Fax: (0)870 753 0284

Website: www.rspca.org.uk



120 Royal Society for the Protection of Birds (RSPB)

The RSPB bases its policies and actions on the best scientific knowledge available. Whether deciding which species are of most conservation concern, managing habitats on its reserves or pressing for changes to the European Union's Common Agricultural Policy, the RSPB bases its work on sound science.

Research areas

- Conservation science
- Monitoring and survey
- Terrestrial research
- Aquatic research
- Biodiversity science
- International research
- Conservation data management
- Reserves ecology

Address: RSPB UK Headquarters, The Lodge, Sandy, Bedfordshire, SG19 2DL
Telephone: (0)1767 680551
Email: science@rspb.org.uk
Website: www.rspb.org.uk

121 RTS Resource

RTS Resource Ltd takes an active role in helping clients to gain new business through the understanding of food markets and trends. For nearly 20 years, RTS has measured, analysed and forecast the international market for food and drink, ingredients, packaging and process equipment and uses this experience to help its clients fulfil their potential.

Research areas

- Forecasting
- Market for convenience food and drink
- Ingredients usage – flavours
- Market intelligence
- Improve sales performance
- Market mapping
- Acquisitions
- International expansion
- Packaging
- Information on demand
- Retail and foodservice trends

Address: RTS Resource Ltd, The Creative Industries Centre, Wolverhampton Science Park, Glaisher Drive, Wolverhampton, WV10 9TG
Telephone: (0)1902 422282
Fax: (0)1902 422281
Email: mail@rts-resource.com
Website: www.rts-resource.com

122 SAL

SAL Ltd is an independent laboratory specialising in accredited analytical services for the environmental, safety, chemical, petrochemical and manufacturing sectors of industry throughout the UK and world wide. SAL provides extensive analytics for both the foods and feeds sectors.

Research areas

- Contaminants and toxins, e.g. heavy metals and dioxins
- Spoilage: mould, rancidity, fermentation, breakdown proteins
- Composition – fat, protein, water
- Pesticide residues
- Additives, colours, sweeteners
- Labelling
- Origin tracing

Address: 9 Hadfield Street, Manchester, M16 9FE
Telephone: (0)161 874 2400
Fax: (0)161 874 2468
Email: sales@saltd.co.uk
Website: http://limsgate.saiman.co.uk

123 Scotland Food and Drink Information Service

Scotland Food and Drink is the industry-led organisation which has ambitious plans to create a food and drink industry worth £10 billion by 2017. The organisation guides industry in order to make the most of the natural resources, the skills and energy of the Scottish food and drink businesses.

Services

- Scotland food and drink innovation zone
- Food and health research services

Address: 18 Logie Mill, Logie Green Road, Edinburgh, EH7 4HS
Telephone: (0)131 524 8640
Email: sales@saltd.co.uk
Website: www.scottishfoodanddrink.com

124 Scottish Agricultural College (SAC)

SAC research is designed to help improve the sustainability of land-based industries. SAC works on crop and livestock systems and the wider rural economy.

Research areas

- Land economy and the environment
- Sustainable livestock systems
- Crops and soils
- Animal health

Address: King's Buildings, West Mains Road, Edinburgh, EH9 3JG
Telephone: (0)131 535 4074
Website: www.sac.ac.uk

125 Scottish Agricultural College, Crop and Soil Research Group

The aim of the SAC Crop and Soil Systems research programme is 'to develop systems of crop production which minimise the use of agrochemicals and maximise the efficiency of the plants own natural defence mechanisms'. SAC's interest in farming systems is focussed on their sustainability.

Research areas

- Epidemiology
- Maximising host defence
- Organic systems research

Address: Corporate Information Office, SAC, King's Buildings, West Mains Road, Edinburgh, EH9 3JG
Telephone: (0)131 535 4000
Website: www.sac.ac.uk

126 Scottish Agricultural College, Food Marketing Research

The SAC Food Marketing Research team focuses on the study of agri-food marketing issues, ranging from the farm through to the consumer.

In many instances this involves a 'whole chain' or 'network' approach which embraces the marketing environment within which agri-food supply chains and networks operate. This approach enables the major drivers of change – such as developments in agri-food policy, globalisation and consumer behaviour – to be analysed and identified along with their consequences.

Research areas

- Marketing and supply activity, including:
 - The activities of major retailers and processors
 - Customised chains of small and medium sized food processors
 - Local, regional, direct and collaborative marketing activities.

Research questions frequently involve:

- Marketing strategy development forenhanced competitiveness
- Supply chain relationships, efficiency and effectiveness
- The implications of marketing environment change
- The rural development implications of agri-food marketing activities
- The policy implications of market failure

Address: Communications Unit, SAC (Scottish Agricultural College), King's Buildings, West, Mains Road, Edinburgh, EH9 3JG
Telephone: (0)131 535 4000
Website: www.sac.ac.uk/research/lee/about/foodmarketresearch/

127 Scottish Agricultural College, Veterinary Services

The eight veterinary disease surveillance centres within SAC employ 26 veterinary surgeons who have the backing of over 100 scientific and support staff.

Services

- Diagnostic laboratory services and specialist advice to veterinary surgeons in the farm and companion animal sectors
- National disease surveillance for Defra and the Scottish Executive
- Support for statutory control schemes, e.g. Brucellosis, BSE.
- Health schemes – sheep and goat health schemes, cattle health schemes
- Research and development including trials for the animal health industry
- Education and training including CPD courses and postgraduate research
- Bull and ram testing for breeding soundness
- Support for the Scottish sheep scab initiative and liver fluke campaign
- Information – news and events, disease hot topics, publications, specialist articles

Address: Veterinary Services, SAC, Allan Watt Building, Bush Estate, Penicuik, EH26 0PH
Telephone: (0)131 535 31390
Website: www.sac.ac.uk/consultancy/veterinary

128 The Scottish Association for Marine Sciences (SAMS)

SAMS is Scotland's premier marine science research organisation committed to increasing knowledge and stewardship of the marine environment through research, education, maintenance of research infrastructure, and knowledge transfer.

Research areas

- Physics, sea ice and technology
- Biogeochemistry and earth sciences
- Ecology
- Microbial and molecular biology

Address: The Scottish Association for Marine Science, Dunstaffnage Marine Laboratory, Oban, Argyll, PA37 1QA
Telephone: (0)1631 559000
Fax: (0)1631 559001
Email: info@sams.ac.uk
Website: www.sams.ac.uk

129 The Scottish Centre for Ecology and the Natural Environment (SCENE)

SCENE is at the centre of Scotland's first National Park and is situated in a National Scenic Area.

As a purpose-built field station, SCENE offers residential accommodation for visiting groups and high quality accommodation for researchers.

Address: The Scottish Centre for Ecology and the Natural Environment, Rowardennan, Drymen, Glasgow, G63 0AW
Telephone: (0)1360 870271
Fax: (0)1360 870381
Email: scene@bio.gla.ac.uk
Website: www.gla.ac.uk/departments/scene/

130 Scottish Crop Research Institute (SCRI)

A broad multidisciplinary approach to fundamental and strategic research, and technology transfer, are special strengths of the SCRI.

Programmes span the disciplines of: genetics and breeding; molecular and cellular biology; biotechnology; plant pathology (bacteriology, entomology, mycology, nematology and virology); plant physiology and cell biology; environmental science; plant chemistry and biochemistry; agronomy; molecular ecology; vegetation dynamics; bioremediation; serology; physics; mathematics; bioinformatics and statistics.

Genetics and enhanced breeding of selected crops and biotechnology, lie at the core of the research, development and training programmes. Plant scientists from the University of Dundee are also based at SCRI.

- Research areas**
- Environment-plant interactions
 - Genetics
 - Plant pathology
 - Plant products and food quality

Address: Scottish Crop Research Institute, Invergowrie, Dundee, DD2 5DA
Telephone: (0)1382 562731
Fax: (0)1382 562426
Email: info@scri.ac.uk
Website: www.scri.sari.ac.uk

Note:
All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

131 Scottish Environment Protection Agency (SEPA)

SEPA is Scotland's environmental regulator and adviser, responsible to the Scottish Parliament through Ministers.

As well as having a role in controlling pollution, SEPA works with others to protect and improve the environment.

Address: SEPA Corporate Office, Erskine Court, Castle Business Park, Stirling, FK9 4TR
Telephone: (0)1786 457700
Fax: (0)1786 446885
Website: www.sepa.org.uk

132 Seabait

The farm at Lynemouth in Northumberland uses heated cooling water from Alcan's power station, enabling the ragworm to grow throughout the year.

In this way, millions of worms are produced every month from Seabait's high intensity production system. Seabait also has operations in the USA and South-East Asia.

Since its conception in 1985, Seabait has recognised the importance of continued research and development, and has invested substantial resources to this end. Seabait's research and development department works closely with the world leading polychaete biologists in the University of Newcastle upon Tyne to ensure it is always at the forefront of research into marine worms.

Address: Seabait Limited, Woodhorn Village, Ashington, Northumberland, NE63 9NW
Telephone: (0)7891 050492
Email: seabait@seabait.com
Website: www.seabait.com

133 SCA NuTec

SCA NuTec manufactures and markets a range of animal nutrition and health products, and provides technical support to all species including: ruminants; swine; poultry; equine and pets.

Emphasis is placed on research and development, quality control and innovation supported by a wealth of technical expertise in all aspects of animal nutrition and health.

Address: SCA Mill, Dalton Airfield Industrial Estate, Dalton, Thirsk, North Yorkshire, YO7 3HE
Telephone: (0)1845 578125
Website: www.scanutec.com

134 Shelton Sportsturf Drainage Solutions

Almost all soils drain naturally but in the majority of cases the speed of natural drainage is insufficient to meet today's sporting requirements.

Shelton Sportsturf Drainage Solutions has developed specialist land drainage machinery and techniques that do away with the upheavals caused by earlier methods. To this end it has developed sportsturf drainage equipment that has high daily outputs, is robust, reliable, efficient and effective.

Address: Shelton Sportsturf Drainage Solutions, Baumber House, Baumber, Horncastle, Lincolnshire, LN5 5NF
Telephone: (0)1507 578288
Fax: (0)1507 578790
Email: sheltons@baumberhouse.fsnet.co.uk
Website: www.sheltonsdrainage.com

135 Shepton Veterinary Group

The Surgery was founded in 1921, and operates out of a purpose-built building and has eight surgeons. The practice is divided into two sections: large animal / equine, and companion animal. The practice has been granted approved centre status for the cattle health and production courses, by the Royal College of Veterinary Surgeons, reflecting the group's commitment and expertise in cattle medicine.

Address: Allyn Saxon Drive, Shepton Mallet, Somerset, BA4 5QH
Telephone: (0)1749 341761
Fax: (0)1749 342363
Email: vet@sheptonvet.com
Website: www.sheptonvet.com

136 The Sir Alister Hardy Foundation for Ocean Science (SAHFOS)

SAHFOS is an international charity that operates the Continuous Plankton Recorder (CPR) survey. The CPR Survey's marine monitoring programme has been collecting data from the North Atlantic and the North Sea on the ecology and biogeography of plankton since 1931.

The unique marine biological dataset provides a wide range of environmental and climatic indicators and is used by marine scientists and policy makers to address marine environmental management issues such as harmful algal blooms, pollution, climate change and fisheries. SAHFOS is based in Plymouth, UK, and cooperates with sister CPR surveys around the globe.

Address: The Laboratory, Citadel Hill, Plymouth, Devon, PL1 2PB
Telephone: (0)1752 633288
Website: www.sahfos.ac.uk

137 Society for Veterinary Epidemiology and Preventive Medicine (SVEPM)

SVEPM is a body founded in 1982 and comprises of over 300 veterinary and non-veterinary members from 24 countries.

Address: Visit website for email and individual member details.
Website: www.svepm.org.uk

138 Soil Association

The Soil Association is the UK's leading campaigning and certification organisation for organic food and farming, building public awareness to influence government and industry attitudes to issues such as:

- Genetic engineering in food
- Pesticides
- Threat to wildlife from intensive agriculture
- Antibiotics
- Closure of small abattoirs
- Harmful effects of intensive farming on food quality and safety

The Soil Association symbol can be found on over 70% of Britain's organic produce – a guarantee that it has been grown or produced to the highest standards of organic integrity. The SA also undertakes certification of timber and wood products.

Soil Association Certification Ltd enforces these standards through certification and regular inspections of producers, processors and suppliers.

Address: Bristol House, 40-56 Victoria Street, Bristol, BS1 6BY
Telephone: (0)117 314 5000
Fax: (0)117 314 5001
Email: info@soilassociation.org
Website: www.soilassociation.org



139 South Wales Food Laboratory

The South Wales Food Laboratory Ltd is a privately owned, totally independent laboratory, specialising in food microbiology and food quality control. It currently services over 100 food manufacturers.

It is staffed by food technologists and food microbiologists and is definitely not an academic based business.

Services

- Microbiology enumeration
- Detection of pathogens
- General microbiology services
- UKAS accredited chemical analysis

Address: South Wales Food Laboratory Ltd, Imperial House, Imperial Park, Coedkernew, Newport, South Wales, NP10 8UH

Telephone: (0)1633 811805

Fax: (0)1633 811804

Email: info@swfoodlab.co.uk

Website: www.swfoodlab.co.uk

140 Sports Turf Research Institute (STRI)

STRI is the independent market leader in turf grass research and agronomy. It is the UK's national centre for consultancy in sports and amenity turf and a recognised world centre for research.

STRI's consultancy team advises at over 2,000 turf facilities, including: golf; soccer; rugby; cricket; racing; bowling and tennis.

Address: St Ives Estate, Bingley, West Yorkshire, BD16 1AU

Telephone: (0)1274 565131

Fax: (0)1274 561891

Website: www.stri.co.uk



141 Syngenta – Jealott's Hill International Research Centre

The sizeable UK research and technology operations are critical to the success of Syngenta. They play a vital role in the discovery and development of products to help protect the world's crops from the ravages of insects, pests and diseases. Jealott's Hill, established in 1927, is a centre of excellence for discovery and bio-performance research and is a key site for environmental sciences. It is Syngenta's largest research site, employing over 800 scientists and support staff.

Research areas

- The discovery and development of new crop protection chemicals
- Research focused on supporting and further developing the existing product range (seeds and crop protection)
- The development of new traits that will enhance crops – including traits to improve yield, tolerance to pests and disease, improve nutritional value, add new health benefits or improve processing characteristics
- The integration of chemical and trait based solutions
- Licensing and collaboration in pursuit of new business opportunities based on Syngenta's proprietary technology and core skills

Address: Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY

Telephone: (0)1344 424701

Fax: (0)1344 455629

Website: www.syngenta.co.uk

142 Tepnel Life Sciences

Tepnel Life Sciences is a UK-based international life sciences products and services group with two divisions, Molecular diagnostics and research products and services. The company has laboratories, manufacturing and operations in the USA, UK and France with over 200 employees. Target markets are pharmaceutical, biotechnology, healthcare, hospitals, academic/research institutes, food manufacturers and regulatory authorities.

Research and services

- Life science
- Pharmaceutical services
- Immunology
- Food safety – food allergen testing, adulteration testing, GMO testing, speciation testing, mycotoxin testing

Address: Tepnel Research Products and Services, Heron House, Oaks Business Park, Crewe Road, Wythenshawe, Manchester, M23 9HZ

Telephone: (0)161 946 2200

Fax: (0)161 946 2211

Email: info@tepnel.co.uk

Website: www.tepnel.com

143 The Arable Group (TAG)

TAG is a unique trials organisation, funded predominantly by farmer subscriptions.

TAG provides independent, agronomic information to progressive arable farmers, using information derived from the largest network of agronomic trials in the country.

TAG is run by farmers, for farmers and the Board of TAG consists of farmers. In each region, local Technical Committees guide the trials work of each centre and have assisted the Board in making TAG the most successful agronomic trials and advisory organisation in the UK.

Address: The Arable Group, Daglingworth, Gloucestershire, GL7 7AH

Website: www.thearablegroup.com

144 The Heather Society

Founded in 1963, to promote and encourage interest in heathers, it now has worldwide membership covering Europe, Africa, the Americas, Australasia and the Far East.

Address: The Heather Society, Denbeigh, All Saints Road, Creeting St. Mary, Ipswich, Suffolk, IP6 8PJ

Telephone: (0)1449 711220

Fax: (0)1449 711220

Email: heathers@zetnet.co.uk

Website: www.users.zetnet.co.uk/heather

145 The Scotch Whisky Research Institute

The Scotch Whisky Research Institute provides a centre of scientific excellence dedicated to the needs of the distilled beverage industry.

Its aim is to assist its member companies in improving their products and processes and to maintain the position of Scotch Whisky and other spirits in world markets. Sited on the research park of Heriot-Watt University, the Institute houses facilities for work in all areas of spirit manufacture.

Address: The Scotch Whisky Research Institute, The Robertson Trust Building, Research Avenue North, Riccarton, Edinburgh, EH14 4AP

Telephone: (0)131 449 8900

Email: general.swri@swri.co.uk

Website: www.swri.co.uk

146 Tree Research Laboratory

See **University of Reading, School of Biological Sciences, Centre for Horticulture and Landscape** page 68.

147 Tyndall Centre for Climate Change Research

The Tyndall Centre brings together scientists, economists, engineers and social scientists, who together are working to develop sustainable responses to climate change through trans-disciplinary research and dialogue on both a national and international level – not just within the research community, but also with business leaders, policy advisors, the media and the public in general.

Research areas

- Informing international climate policy
- Constructing energy futures
- Building resilience to climate change
- International development, sustainable coasts;
- Engineering cities
- Integrated modelling

Address: Zuckerman Institute for Connective Environmental Research, School of Environmental Sciences, University of East Anglia, Norwich, Norfolk, NR4 7TJ

Telephone: (0)1603 593900

Fax: (0)1603 593901

Email: tyndall@uea.ac.uk

Website: www.tyndall.ac.uk

148 Unilever R & D Colworth

The Colworth laboratory has a history of innovation.

For over 50 years it has built a reputation for scientific excellence in many fields, including: agribusiness, speciality chemicals, food technology, product safety and environmental impact.

Services

- Corporate research – accessing the latest developments in science to deliver new business opportunities for Unilever
- Life science
- Safety and Environmental Assurance Centre (SEAC)
- Foods – two Global Centres of Excellence are located at Colworth – drinks and iced foods
- The Scientific Services Group
- Sustainable agriculture

Address: Unilever R&D Colworth, Colworth House, Sharnbrook, Bedford, MK44 1LQ

Telephone: (0)123 478 1781

Website: www.unilever.co.uk

149 University of Aberdeen, Oceanlab

University of Aberdeen Marine Electronics and Mechanical Engineering, Oceanlab has a continuing research programme aimed at improving the engineering systems produced for biological research, investigating the use of new materials and continually striving to provide innovative solutions to the design problems generated from work in the deep oceans.

Research areas

- Development of full ocean depth sub-sea windowed housings
- Variable buoyancy systems
- Low power PC based data logging systems for high-end video applications
- Marine biological research
- Research within the marine theme includes fundamental and applied studies in a wide range of contrasting marine ecosystems. Work has been carried out in habitats from the inter-tidal down to the abyssal deep sea, and from Arctic to Antarctic waters
- A broad suite of approaches including, remote sensing, instrumentation and modelling are used to study populations in-situ. Particular emphasis is placed on understanding how individuals and populations respond to extreme and changing environments

Address: University of Aberdeen, Oceanlab, Newburgh, Aberdeenshire, AB41 6AA
Telephone: (0)1224 274401
Fax: (0)1224 274402
Email: oceanlab@abdn.ac.uk
Website: www.oceanlab.abdn.ac.uk

150 University of Aberdeen, Institute of Biological and Environmental Sciences

The Institute of Biological and Environmental Sciences is addressing the fundamental biological consequences of environmental change. The Institute has significant international expertise in understanding and modelling the soil/microbe/plant interface, the population and physiological responses of animals and plants from habitats as diverse as the deep ocean and tropical forests, along with environmental effects on mammalian physiology, the immune functions of fish and fundamental relationships between diseases and their vectors.

Research areas

- Biological interactions in soil
- Ecology
- Integrative physiology

Address: Zoology Building, Tillydrone Avenue, University of Aberdeen, Aberdeen, AB24 2TZ
Telephone: (0)1224 272861
Fax: (0)1224 272396
Email: c.barrie@abdn.ac.uk
Website: www.abdn.ac.uk/biologicalsci

151 University of Aberdeen, School of Medical Sciences

The School is a centre of excellence for core studies in a wide diversity of disciplines related to cell and tissue function.

Research areas

- Cell and developmental biology
- Microbiology
- Neurosciences

Address: School of Medical Sciences, University of Aberdeen, IMS Building, Foresterhill, Aberdeen, AB25 2ZD
Telephone: (0)1224 555872
Fax: (0)1224 555844
Website: www.abdn.ac.uk/sms/research

152 University of Abertay Dundee, Avian Reproduction Group

Research areas

- Developing technology for the captive breeding of endangered species
- Defining the nature and incidence of sperm abnormalities in avian species
- Understanding the links between the molecular basis of sperm : egg interaction and speciation in birds
- Investigating the opportunities for immunocontraception of bird pests

Address: University of Abertay Dundee, Kydd Building, Dundee, DD1 1HG
Telephone: (0)1382 308045
Fax: (0)1382 308095
Website: www.abertay.ac.uk



153 University of Aberystwyth, Institute of Biological, Environmental and Rural Sciences (IBERS)

IBERS is a new venture that has brought together staff from the Institutes of Rural Sciences and Biological Sciences at Aberystwyth University, and the Institute of Grassland and Environmental Research (IGER) in Wales.

Around 300 research, teaching and support staff conduct basic, strategic and applied research in biology from the level of genes and other molecules to the impact of climate change and bio-energy on sustainable agriculture and land use. It also provides high level research and skills training.

Research areas

- Plant, animal and microbial genomics
- Cell biology and physiology
- Plant and animal genetics and breeding
- Agriculture
- Parasitology
- Ecology
- Social sciences
- Evolutionary process

IBERS is spread across the three University Campuses, each with its own postal address:

Address: Gogerddan Campus – IBERS, Aberystwyth University, Gogerddan, Aberystwyth, Ceredigion, SY23 3EB
Telephone: (0)1970 823000
Email: ibers@aber.ac.uk
Website: www.aber.ac.uk/en/ibers

Address: Penglais Campus – IBERS, Aberystwyth University, Penglais, Aberystwyth, Ceredigion, SY23 3DA
Telephone: (0)1970 622316
Email: ibers@aber.ac.uk
Website: www.aber.ac.uk/en/ibers

Address: Llanbadarn Campus – IBERS, Aberystwyth University, Llanbadarn, Aberystwyth, Ceredigion, SY23 3AL
Telephone: (0)1970 624471
Email: ibers@aber.ac.uk
Website: www.aber.ac.uk/en/ibers

154 University of Bangor, School of Ocean Sciences

The School of Ocean Sciences is one of the largest university marine science multi-disciplinary departments in Europe.

Research areas

- Climate change science
- Novel applications of marine materials
- Sustainable use of marine resources

Address: School of Ocean Sciences, University of Wales Bangor, Menai Bridge, Anglesey, LL59 5AB
Telephone: (0)1248 382846
Fax: (0)1248 716367
Email: oss011@bangor.ac.uk
Website: www.sos.bangor.ac.uk

155 University of Bangor, Centre of Arid Zone Studies Natural Resources (CAZS-NR)

CAZS-NR is a semi-autonomous self-funding centre within the College of Natural Sciences, University of Bangor. The centre has over 20 years' experience of rural development work in some of the world's poorest countries.

A central focus of CAZS-NR is the promotion of agricultural and forestry development and the provision of technological and scientific innovation to improve natural resource development and management.

Work has concentrated on arid and semi-arid lands but, in recent years, the work of the Centre has evolved to encompass virtually all agro-ecological zones and spans many countries across Africa, Asia and Europe.

CAZS-NR is an internationally recognised centre for research in the fields of participatory crop improvement, renewable natural resources and environmental and landscape conservation.

Much of the research is directed at farmer, community and policy levels, mainly in developing countries of Asia and Africa.

Research areas

- Crop improvement research
- Climate and crop production
- Biodiversity and conservation
- Livelihood and natural resource management

Address: CAZS-NR, Bangor University, Bangor, Wales, LL57 2UW
Telephone: (0)1248 382346
Website: www.cazs.bangor.ac.uk

156 University of Bangor, School of Environment and Natural Resources

The School of the Environment and Natural Resources has extensive experience in ecology and land-use and the exploitation of natural plant and animal-based resources.

It has research interests and specialist expertise in agriculture, forestry, economics, soil science and applied ecology.

Research areas

- Plant and soil science
- Natural resource ecology
- Conservation and management
- Crop and forest science

Research is strongly interdisciplinary and involves close collaboration across the land use, environmental, biological and chemical disciplines

Address: Research Office,
University of Wales Bangor,
9th Floor, Alun Roberts Building,
Deiniol Road, Bangor,
Gwynedd, LL57 2UW

Telephone: (0)1248 382532

Email: m.hurman@bangor.ac.uk

Website: www.bangor.ac.uk/research

157 University of Birmingham, School of Biosciences

Research areas

- Molecular cell biology
- Molecular microbiology
- Organismal and environmental biology
- Plant genetics and cell biology
- Structural biology
- Molecular pathobiology

Address: School of Biosciences,
University of Birmingham,
Edgbaston,
Birmingham, B15 2TT

Telephone: (0)1244 145400

Website: www.biosciences.bham.ac.uk

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

158 University of Birmingham, Chemical Engineering, Formulation Engineering Research

Research strengths are in design and characterisation of micro-structured products, and in heat and mass transfer, fluid flow, particle technology and materials engineering across chemical, biological and physical systems.

Research areas

- Speciality products
- Food, health and nutrition: research into structured foods food hygiene and food safety
- Bio-industries
- Energy and chemical industries

Address: Chemical Engineering,
The University of Birmingham,
Edgbaston, Birmingham, B15 2TT

Telephone: (0)1214 145354

Fax: (0)1214 145377

Email: e.j.hares@bham.ac.uk

Website: www.eng.bham.ac.uk/chemical/

159 University of Bradford, School of Pharmacy (BSP)

Bradford School of Pharmacy (BSP) carries out research with an emphasis on nanotechnology and drug delivery, neuroscience, and cancer chemotherapy.

Address: University of Bradford, Richmond Road,
Bradford, West Yorkshire, BD7 1DP

Telephone: (0)1274 234661

Fax: (0)1274 235600

Email: pharmacy@bradford.ac.uk

Website: www.brad.ac.uk/acad/lifesci/pharmacy



160 University of Bristol, Equine Centre, Department of Clinical Veterinary Science

The Equine Centre encompasses all of the equine activities within the Division of Companion Animals.

It consists of two integrated sections, the Equine Hospital and the Langford House Equine Practice.

The Equine Hospital is a dedicated equine referral centre, which provides specialist advice, diagnosis and treatment for horses throughout the South West of England and Wales.

The Division's staff provides expertise which covers all of equine medicine and surgery, including performance evaluation and ENT surgery, colic surgery, lameness evaluation and orthopaedic surgery, ophthalmology and medical investigations and treatment.

Address: Equine Centre,
Department of Clinical Veterinary Science,
University of Bristol,
Langford,
Bristol, BS40 5DU

Telephone: (0)1179 289000

Website: www.vetschool.bris.ac.uk/langford

161 University of Bristol – The Food Refrigeration and Process Engineering Research Centre

The Food Refrigeration and Process Engineering Research Centre is a multi-disciplinary R & D team of researchers, scientists, engineers and technologists providing expert solutions to the food (and associated) industries.

Research areas

- Air cycle refrigeration
- Automation and robotics
- Computational Fluid Dynamics (CFD)
- Cutting and separation
- Decontamination
- Energy
- Microwaves
- Process modelling
- Refrigerated cabinet testing
- Refrigeration
- Vacuum Insulation Panels (VIPs)

Address: FRPERC,
Churchill Building,
Langford,
Bristol, BS40 5DU

Telephone: (0)1179 289239

Fax: (0)1179 289314

Website: www.frperc.bris.ac.uk

162 University of Bristol, School of Chemistry

Research in the School of Chemistry is coordinated through the three sections.

Research areas

- Organic and biological chemistry
- Inorganic and materials chemistry
- Physical and theoretical chemistry

Address: The School of Chemistry, University of Bristol,
Bristol, BS8 1TS

Telephone: (0)117 928 7645

Fax: (0)117 925 1295

Website: www.chm.bris.ac.uk

163 University of Bristol, School of Veterinary Science

The Bristol School of Veterinary Science has been training veterinary surgeons for over 50 years. It is top rated in both teaching and research activities and has excellent links with the veterinary profession.

Research areas

- Animal behaviour and welfare
- Food science and food safety
- Infection and immunity
- Matrix biology

Address: School of Veterinary Science,
University of Bristol, Southwell Street,
Bristol, BS2 8EJ

Telephone: (0)117 928 9000

Website: www.vetschool.bris.ac.uk

164 Brunel University, Institute for the Environment

Research areas

- Clean process technology
- Ecosystems and disease environments
- Eco-toxicology
- Environmental change
- Climate change
- Geological and hydrological hazards
- Waste and industrial wastewater treatment
- Water, climate change and chemicals in the environment

Address: Institute for the Environment,
Brunel University, Uxbridge,
Middlesex, UB8 3PH

Telephone: (0)1895 266105

Email: john.sumpter@brunel.ac.uk

Website: www.brunel.ac.uk/about/acad/ife

165 University of Cambridge, Department of Chemical Engineering

Research interests in the Department of Chemical Engineering cover a broad range of topics concerned with chemical, biochemical and process engineering.

Research areas

- Modelling
- Measurement
- Microstructure engineering
- Processes

Address: Department of Chemical Engineering,
University of Cambridge,
New Museums Site,
Pembroke Street,
Cambridge, CB2 3RA

Telephone: (0)1223 334777
Fax: (0)1223 334796
Website: www.cheng.cam.ac.uk

167 University of Cambridge, Department of Land Economy

The Department is a leading international centre of research into the environment, law and economics, property, finance and resource management.

Research areas

- Real estate and urban analysis research group
- Environmental economy and policy research group
- Centre for environmental research
- Rural business unit
- Cambridge centre for climate change mitigation research
- The centre for law and environment and development

Address: Department of Land Economy,
19 Silver Street,
Cambridge, CB3 9EP

Telephone: (0)1223 337147
Fax: (0)1223 337130
Website: www.landecon.cam.ac.uk

166 University of Cambridge, Department of Clinical Veterinary Medicine

The Department of Veterinary Medicine at Cambridge is at the forefront of veterinary science and education and is a centre of excellence for teaching and research.

There is a thriving research environment at Cambridge Veterinary School.

Research areas

- Infection and immunity
- Neurobiology
- Comparative animal genetics
- Animal welfare
- Epidemiology

The Equine Hospital offers a complete referral service for all equine orthopaedic, surgical, medical and reproductive cases, from the smallest child's pony to international competition horses.

It provides a full range of services including: video endoscopy; laparoscopy and arthroscopy; ASIF fracture fixation; nuclear scintigraphy; thermography; radiotherapy; shock wave therapy and ophthalmological surgery.

Address: Department of Clinical Veterinary Medicine,
University of Cambridge,
Madingley Road,
Cambridge, CB3 0ES

Telephone: (0)1223 337642
Fax: (0)1223 337610
Email: research@vet.cam.ac.uk
Website: www.vet.cam.ac.uk

168 University of Cambridge Department of Plant Sciences

There are several research laboratories in the department, conducting research.

Research areas

- Transport, signalling and metabolism
- Plant cell development
- Pathology and epidemiology
- Ecology
- Ecophysiology

Address: Department of Plant Sciences,
University of Cambridge,
Downing Street,
Cambridge, CB2 3EA

Telephone: (0)1223 333900
Fax: (0)1223 333953
Email: reception@plantsci.cam.ac.uk
Website: www.plantsci.cam.ac.uk

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

169 University of Cambridge, Department of Physiology

In 2006 the Department of Physiology, Development and Neuroscience, (PDN), was formed from the merger of the Departments of Anatomy and Physiology. PDN remains the home of preclinical teaching in anatomy and physiology for both medical and veterinary students.

Research areas

- Cellular and systems physiology
- Development biology and reproduction
- Neuroscience
- Form and function

Address: Department of Physiology,
University of Cambridge,
Downing Street, Cambridge, CB2 3EG

Telephone: (0)1223 333772
Email: hod@pdn.cam.ac.uk
Website: www.pdn.cam.ac.uk/research

170 University College London, Department of Biology

Research areas

- Molecular cell and developmental biology
- Ecology and evolution
- Human and population genetics
- Plant biology and microbiology

Address: Department of Biology,
University College London,
Gower Street, London, WC1E 6BT

Telephone: (0)207 679 7098
Website: www.ucl.ac.uk/biology



171 Cranfield University, National Soil Resources Institute

The National Soil Resources Institute is a well established centre within the Natural Resources Department which leads Cranfield's research on soil specifically by:

- Understanding the physical, chemical and biological processes that make up soil systems and that provide capacity for soil-based ecosystem services
- Creating, maintaining and exploiting inventories and monitoring systems for soil resources
- Describing processes that expose or protect soils from threats (e.g. organic matter loss, erosion, contamination, compaction, loss of biodiversity and sealing), and developing policy and better technology for soil management and conservation in both rural and urban areas, including for sports surfaces
- Applying engineering design and evaluation methods to improve the performance of off-road vehicles, construction equipment and agricultural machines

Address: Cranfield University, Silsoe,
Bedfordshire, MK45 4DT

Telephone: (0)1234 754086
Email: appliedsciences@cranfield.ac.uk
Website: www.silsoe.cranfield.ac.uk

172 Cranfield University, Bioscience

Bioscience activities are diverse, and range from providing novel diagnostic devices and monitoring systems for health, the conservation of food quality, bio-monitoring and bioinformatics to forensic science.

Research areas

- Environment and water including:
 - Water and sanitation
 - Water policy and governance
 - Water and wastewater technology and risk management for the water sector
- Food quality and safety including:
 - Plant science
 - Applied mycology
 - Toxin and contaminant detection
- Bioinformatics

Telephone: (0)1234 750111
Email: biosciences@cranfield.ac.uk
Website: www.cranfield.ac.uk/bioscience

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173 Cranfield University, Centre for Sports Surface Technology

Research areas

- Design and maintenance of sports surfaces
- Human-surface interactions
- Sustainable sports surfaces
- Technology for sports surface measurement

Telephone: (0)1234 754086
Email: appliedsciences@cranfield.ac.uk
Website: www.cranfield.ac.uk/sas/sst

174 Cranfield University, Environment

Cranfield combines its scientific expertise in the management of water, soil and biodiversity with world-class innovation in environmental engineering and business management to provide truly sustainable solutions.

Research areas

- Policy and economics
- Regulation and risk
- Business management
- Energy and carbon
- Materials and waste management
- Monitoring and information
- Environment and health
- Land
- Water

Telephone: (0)1234 750111
Email: environment@cranfield.ac.uk
Website: www.cranfield.ac.uk/environment

175 University of Edinburgh, The Royal (Dick) School of Veterinary Studies

The college was reconstituted as an integral part of the University of Edinburgh in 1951 and became a full faculty in 1964. The School is now a part of the College of Medicine and Veterinary Medicine.

Research areas

- Preclinical veterinary sciences
- Veterinary clinical studies
- Pathology
- Tropical animal health

Address: Royal (Dick) School of Veterinary Studies,
University of Edinburgh, Summerhall,
Edinburgh, EH9 1QH
Telephone: (0)131 650 6130
Fax: (0)131 650 6585
Email: dickvet@ed.ac.uk
Website: www.vet.ed.ac.uk

176 University of Edinburgh, The Royal (Dick) School of Veterinary Studies, Easter Bush Veterinary Centre

Address: Easter Bush Veterinary Centre,
Easter Bush, Roslin, Midlothian, EH25 9RG
Telephone: (0)131 650 6130
Fax: (0)131 650 6585
Email: dickvet@ed.ac.uk
Website: www.vet.ed.ac.uk

177 University of Edinburgh, School of Biological Sciences

The School of Biological Sciences leads the field in fundamental biological research and innovative, multi-disciplinary science. With about 110 academic staff covering the full range of biology from molecular structure to evolutionary and population biology, the School is one of the largest and most comprehensive in Britain.

It comprises six research-focused Institutes:

- Cell biology (including the Wellcome Trust Centre for Cell Biology)
- Evolutionary biology
- Immunology and infection research
- Molecular plant science
- Stem cell research
- Structural and molecular biology

Address: The School of Biological Sciences,
University of Edinburgh,
Michael Swann Building,
King's Buildings, Mayfield Road,
Edinburgh, EH9 3JR
Telephone: (0)131 650 5560
Fax: (0)131 650 6556
Email: jeffrey.robinson@ed.ac.uk
Website: www.biology.ed.ac.uk



178 University of Edinburgh, School of GeoSciences

Research areas

- Subsurface geoscience
- Global change
- Human geography
- Earth observatory
- Environmental sustainability

Address: School of GeoSciences,
The University of Edinburgh,
Grant Institute, The King's Buildings,
West Mains Road, Edinburgh, EH9 3JW
Telephone: (0)131 650 7542
Fax: (0)131 668 3184
Email: info@geos.ed.ac.uk
Website: www.geos.ed.ac.uk

179 University of Edinburgh, Institute of Molecular Plant Sciences (MPS)

MPS is part of the School of Biological Sciences at the University of Edinburgh. The MPS research uses genetics, biochemistry and cell biology to examine how plants develop, function and evolve.

Research areas

- Plant development and evolution
- Biochemistry and metabolomics
- Plant pathology and fungal biology
- Cell and systems biology

Address: Institute of Molecular Plant Sciences,
University of Edinburgh, King's Buildings,
Mayfield Rd, Edinburgh, EH9 3JH
Telephone: (0)131 650 5318
Fax: (0)131 650 5392
Email: andrew.hudson@ed.ac.uk
Website: www.biology.ed.ac.uk/research/institutes/plant



180 University of East Anglia, School of Biological Sciences

The School takes an holistic approach to studying biological mechanisms by integrating genome information with pure and applied research on microbial, plant and animal systems and ecological studies of populations.

Research areas

- Organisms and environment
- Cells and tissues
- Molecules and pathways

Address: School of Biological Sciences,
University of East Anglia, Norwich,
Norfolk, NR4 7TJ
Telephone: (0)1603 592269
Email: enqoff.bio@uea.ac.uk
Website: www.bio.uea.ac.uk/research

181 University of East Anglia, School of Development Studies

The School of Development Studies (DEV) applies economic, social and natural sciences to the study of international development, with special emphasis on social and environmental change and poverty alleviation.

Research areas

- AIDS and development
- Literacy and development
- Climate change and development
- Globalisation and development
- Gender and development
- Poverty and well-being
- Livelihoods
- South Asia
- Disability and development
- Natural resources and environment
- Ageing and development
- Conflict, governance and development

Address: School of Development Studies,
University of East Anglia, Norwich,
Norfolk, NR4 7TJ
Telephone: (0)1603 593113
Fax: (0)1603 591327
Email: env.admiss@uea.ac.uk
Website: www.uea.ac.uk

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182 University of East Anglia, School of Environmental Sciences

Many members of ENV belong to research centres which are part of, and located within, the School.

Research areas

- Climatic Research Unit (CRU)
- Centre for Social and Economic Research on the Global Environment (CSERGE)
- Tyndall Centre for Climate Change Research (TYN)
- Centre for Environmental Risk (CER)
- Laboratory for Global Marine and Atmospheric Chemistry (LGMAC)
- Centre for Ecology, Evolution and Conservation (CEEC, jointly with the School of Biological Sciences)
- Centre for Economic and Behavioural Analysis of Risk and Decision (CEBARD) held jointly with the School of Economic and Social Studies and the School of Medicine, Health Policy and Practice

Several of these Centres are housed in the new Zuckerman Institute for Connective Environmental Research (ZICER) building, designed to strengthen integration and interaction between faculty, researchers and post-graduates.

Address: University of East Anglia, Norwich,
Norfolk, NR4 7TJ
Telephone: (0)1603 593113
Fax: (0)1603 591327
Email: env.admiss@uea.ac.uk
Website: www.uea.ac.uk/env

183 University of East Anglia, Centre for Social and Economic Research on the Global Environment

Based at the University of East Anglia, CSERGE is a leading interdisciplinary research centre in the field of environmental and sustainable development, linking natural and social science theories, tools and methods. CSERGE undertakes policy relevant interdisciplinary research on environmental issues.

Research areas

- Economic analysis
- Environmental valuation
- Political and institutional analysis
- Integrated environmental-economic modelling
- Risk analysis
- Multi-stakeholder mediations techniques
- Life cycle assessment
- Geographical information systems

Address: CSERGE, School of Environmental Sciences,
University of East Anglia, Norwich,
Norfolk, NR4 7TJ
Telephone: (0)1603 593738
Fax: (0)1603 593739
Email: d.turnbull@uea.ac.uk
Website: www.uea.ac.uk/env/cserge

184 University of Essex, Department of Biological Sciences

The Department was formed in August 1995 by the merger of the Department of Biology, and the Department of Chemistry and Biological Chemistry. Research is divided into five research groups of which plant productivity and sustainable agriculture are one.

Research areas

- Environmental effects and controls on photosynthesis
- Impact of global environmental change on plant and crop growth
- Measurement and modelling of plant and crop growth
- Plant water use, evaporation, carbon fluxes and microclimate
- Control of photosynthetic carbon fixation
- Plant molecular biology
- Control of plant gene expression
- Sustainable agriculture
- Signalling pathways that control defence gene expression in plants subject to high light stress
- Drought responsive gene expression in legumes and *Arabidopsis thaliana*

Address: Department of Biological Sciences,
University of Essex, Wivenhoe Park,
Colchester, Essex, CO4 3SQ
Telephone: (0)1206 873323
Fax: (0)1206 872592
Email: jpretty@essex.ac.uk
Website: www.essex.ac.uk/bs

185 University of Essex, Marine Science Group

A recurrent theme is to understand how responses at the cellular level (molecular, physiological) inform of environmental processes that operate across large scales (coastal and ocean biogeochemistry, biodiversity). Therefore, many aspects of the Group's research considers the form and function of aquatic systems as a result of climate change that has been predicted. A wide range of national and international research projects currently operate.

Research areas

- Environmental microbiology
- Biogeochemical cycling
- Aerosols
- Marine ecology
- Marine ecosystem function

Address: Department of Biological Sciences,
University of Essex, Wivenhoe Park,
Colchester, Essex, CO4 3SQ
Telephone: (0)1206 873337
Fax: (0)1206 872592
Website: www.essex.ac.uk/bs/marsci/welcome.html

186 University of Exeter, Centre for Rural Research, Department of Geography

The Department boasts a lively thriving and innovative research environment, with an international reputation for research.

Research areas

- Food relocalisation
- Sustainable lifestyles
- Sustainable farming
- Rural development

Address: School of Geography,
Archaeology and Earth Resources,
University of Exeter, Amory Building,
Rennes Drive, Exeter, Devon, EX4 4RJ
Telephone: (0)1206 873337
Fax: (0)1206 872592
Email: geography@exeter.ac.uk
Website: www.sogaer.ex.ac.uk/geography

187 University of Exeter, School of Engineering, Computer Science and Mathematics

Research within the School is organised into three research institutes. Each institute has its own research centres, providing the focus for significant multi-disciplinary research activity, transferring technology between academia and industry. The Advanced Technologies Research Institute (ATRI) is involved in the management of water systems.

Address: School of Engineering, Computer Science
and Mathematics, Harrison Building,
North Park Road, Exeter, Devon, EX4 4QF
Telephone: (0)1392 263628
Fax: (0)1392 264067
Email: secam@ex.ac.uk
Website: www.secam.ex.ac.uk

188 Universities of Exeter and Plymouth, Peninsula Medical School

The Peninsula Medical School was established as a partnership between the Universities of Exeter and Plymouth and the NHS in Devon and Cornwall in August 2000.

Research areas

- Biomedical and clinical sciences
- Health and social care
- Clinical education
- Peninsula Postgraduate Health Institute (PPHI)

Address: Peninsula Medical School,
The John Bull Building,
Tamar Science Park,
Research Way, Plymouth,
Devon, PL6 8BU
Telephone: (0)1752 437300
Fax: (0)1752 517842
Email: pmsenq@pms.ac.uk
Website: www.pms.ac.uk/pms

189 University of Glamorgan, Welsh Enterprise Institute, Business School

Research areas

- Accounting Research Unit
- Welsh Unit for Research in Marketing
- Purchasing and Supply Applied Research Unit
- Welsh Enterprise Institute (WEI) Research Unit
- Welsh Research Unit for Governance and Leadership
- Welsh Institute for Competitive Advantage

Address: University of Glamorgan, Pontypridd,
Wales, CF37 1DL
Telephone: (0)1443 480480
Website: http://bus.glam.ac.uk/research



190 Glasgow Caledonian University, Biological and Biomedical Sciences

The Department of Biological and Biomedical Sciences is a multi-disciplinary department which encompasses biochemistry and molecular biology, food science, forensic and analytical sciences, microbiology, nutrition and dietetics, and physiology and pharmacology.

These disciplines are organised into two divisions: the Division of Biomolecular, Microbial and Food Sciences and the Division of Physiology, Pharmacology and Nutrition.

Research areas

- Cell and molecular biomedicine
- Pharmacological and physiological bioscience
- Microbial and food science

Address: Department of Biological and Biomedical Science,
School of Life Sciences,
Glasgow Caledonian University,
Charles Oakley Laboratories,
Cowcaddens Road,
Glasgow, G4 0BA

Telephone: (0)141 331 3209

Fax: (0)141 331 3208

Email: bio@gcal.ac.uk

Website: www.gcal.ac.uk/sls/Bio

191 University of Glasgow, Institute of Comparative Medicine

The Institute of Comparative Medicine (ICM) is the multidisciplinary research base of the Faculty of Veterinary Medicine. Its mission is to integrate research activities across the broad field of research encompassing infectious and genetic diseases of animals and man, to develop novel animal models of human disease and to foster translational research in veterinary medicine.

The Faculty maintains a multidisciplinary research culture that is responsive to advances in technology and changing priorities in the international arena.

Research areas

- Population and animal health
- Comparative pathobiology
- Infection and immunity

Address: Faculty of Veterinary Medicine,
464 Bearsden Road,
Glasgow, G61 1QH

Telephone: (0)141 330 5700

Fax: (0)141 942 7215

Email: bio@gcal.ac.uk

Website: www.gla.ac.uk/vet/research

192 University of Gloucestershire, Countryside and Community Research Unit (CCRI)

Research areas

- Agriculture
- Food and land use
- Community and economy

Address: Countryside and Community Research Unit,
University of Gloucestershire,
Dunholme Villa,
Park Campus,
Cheltenham,
Gloucestershire, GL50 2RH

Telephone: (0)1242 714122

Website: www.ccric.ac.uk

193 University of Hertfordshire, Agriculture and Environment Research Unit (AERU)

AERU is a research, consultancy and training team based in the Science and Technology Research Institute (STRI) at the University of Hertfordshire. Specialising in agri-environmental science, AERU's general objectives are to encourage sound environmental practices on farms and to enhance the reputation and competitiveness of the UK agricultural and food industry.

The core business of the AERU is agriculture and horticulture but this also includes:

- Environmental impact assessment and auditing (previous projects: site assessments, planning and regulatory assessment of new chemicals and drugs)
- Material flows and balancing (used in energy, water and waste efficiency assessments)

Address: AERU, STRI, University of Hertfordshire,
College Lane, Hatfield,
Hertfordshire, AL10 9AB

Telephone: (0)1707 284548

Fax: (0)1707 284185

Email: aeru@herts.ac.uk

Website: www.herts.ac.uk/aeru

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

194 Heriot Watt University, School of Life Sciences

Food Science

Food science within the biology programme encompasses academic staff with research interests in food microbiology, proteins as food ingredients, molecular nutrition and plant biotechnology.

Research areas

- Research studies in this area are wide-ranging and encompass food composition, stability of dairy products during storage, computer modelling of protein interactions, yeast metabolism, and cereal science. Research also focuses on diet and gene interactions and the impact of diet on epigenetic mechanisms. As such, food science research at the School embraces research at the International Centre for Brewing and Distilling (ICBD) and a variety of projects from the biological sciences programme

Centre for Marine Biodiversity and Biotechnology (CMBB)

The CMBB was created with a Research Development Grant from the Scottish Higher Education Funding Council in 1999. Its purpose is to establish a unit for combining a variety of traditional studies with molecular genetic analysis of marine organisms that could be applied to taxonomic problems, monitoring marine pollution and the biotechnical exploitation of naturally occurring substances.

Research areas

- Taxonomy and distribution of marine algae
- Ecology of marine benthic macrofauna and meiofauna and marine microbiology
- The chemistry and biology of pollution impacts
- Marine habitat mapping for conservation purposes in the UK and abroad (e.g. in Galapagos, mainland Ecuador, Colombia and Panama)
- Impact of climate change on marine species distributions and consequences for conservation management

To complement these areas, staff work in areas including: environmental ecotoxicology; immunology of marine organisms; fish and shellfish diseases and related research on mariculture and fisheries

Address: School of Life Sciences,
John Muir Building,
Heriot-Watt University,
Edinburgh, EH14 4AS

Telephone: (0)131 451 3457

Fax: (0)131 451 3009

Email: s.j.dewar@hw.ac.uk

Website: www.foodscience.hw.ac.uk

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

195 University of Hull, Hull International Fisheries Institute (HIFI)

HIFI is a specialist unit at the University of Hull that undertakes a range of educational, training, consultancy and research work. Established in 1989, HIFI staff and associates have a wide experience in the fisheries, conservation and aquatic resource management fields.

The recent integration of the Institute into the Department of Biological Sciences has allowed greater collaboration and diversification in the research, consultancy and teaching programmes HIFI is able to offer.

Research areas

- HIFI's research programme covers a wide range of disciplines in the field of natural resources, fisheries and the environment. The programme specialises in applied research, with emphasis on the scope for sustainable development, management and commercial developments

Address: Hull International Fisheries Institute,
University of Hull, Hull,
East Yorkshire, HU6 7RX

Telephone: (0)1482 466427

Fax: (0)1482 465458

Email: hifi@hull.ac.uk or i.g.cowx@hull.ac.uk

Website: www.hull.ac.uk/hifi



196 Imperial College London, Department of Environmental Science and Technology

The Centre for Environmental Policy provides a unique interface between science and technology and the economic and policy context in which it is developed and applied. Its focus is on environmental and development issues, including energy, pollution, conservation of natural resources, food security and poverty reduction.

Research areas

- Environmental economics, environmental evaluation, cost benefit analysis, cultural economics
- Environmental law
- Environmental policy, rural change, conservation
- International development, history of world agriculture
- Rural poverty reduction
- GM crops and the impact of ozone pollution
- Natural resource management
- Agricultural development
- Agricultural development economics
- Institutional economics
- Rural livelihoods
- Sampling, grain storage, pest management, area-wide pest control
- Water resources

Address: Centre for Environmental Policy,
Imperial College London,
South Kensington Campus,
London, SW7 2AZ

Telephone: (0)207 594 9300
Fax: (0)207 594 9334
Email: cep@imperial.ac.uk
Website: www3.imperial.ac.uk/environmentalpolicy

197 Imperial College London, Department of Mechanical Engineering, Food Technology

The theme of the Food Technology research is to develop solutions to meet the industry's needs for precise control and optimisation of food processing as well as improvement of product quality.

The group specialises in the research of texture/mechanical properties and has extensive experience in the rheology and fracture mechanics of food materials. It is one of the few research groups in the world that uses the latest developments in computer modelling techniques for investigating texture.

Research areas

- Material modelling and characterisation
- Experimental and numerical modelling of various industrial processes such as rolling, extrusion and cutting
- Correlation between sensory evaluation and mechanical characterisation
- Development of on-line indentation techniques for use in product quality control
- Study of surface frictional characteristics

Address: Imperial College London, South Kensington
Campus, London, SW7 2AZ

Telephone: (0)207 589 5111
Website: www3.imperial.ac.uk/foodtechnology

198 University of Kent, Durrell Institute of Conservation and Ecology (DICE)

DICE is dedicated to building capacity and undertaking research necessary to conserve biodiversity and the functioning ecosystems upon which people depend.

DICE was established in 1989 as Britain's first research and postgraduate training centre in conservation science, and named in honour of Gerald Durrell.

Research areas

- Biodiversity conservation
- Biodiversity management

Address: Durrell Institute of Conservation and Ecology,
University of Kent, Canterbury,
Kent, CT2 7NS

Telephone: (0)1227 764000
Fax: (0)1227 827289
Website: www.kent.ac.uk/anthropology/dice

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All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

199 Kings College London, School of Biomedical and Health Sciences

The Nutritional Sciences Health Division is concerned with identifying dietary factors that are associated with increased risk of chronic disease and understanding the metabolic basis for diet related disease.

Research areas

- Diet and cardiovascular health
- Diet and gastrointestinal health
- Iron and zinc metabolism
- Metabolic response to injury
- Nutrition survey

Address: King's College London, Strand,
London, C2R 2LS

Telephone: (0)207 836 5454
Website: www.kcl.ac.uk/schools/biohealth/

200 University of Lancaster, Department of Biological Sciences

Research takes an integrated approach that spans the full range of disciplines, from the molecular to the community scale.

The key strength of the Department is being at the interface between biology and the environment, where its interests range from the effects of the environment on plants and plant communities, through to environmental causes of human disease.

The department is part of the new Lancaster Environment Centre (LEC), a major international centre of excellence in environmental research.

Research areas

- Plants and environment
- Ecology research group
- Biomedical sciences unit

Address: Department of Biological Sciences,
Lancaster University, Bailrigg,
Lancaster, LA1 4YQ

Telephone: (0)1524 593763
Fax: (0)1524 593192
Email: biology@lancaster.ac.uk
Website: www.lancs.ac.uk

Note:

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201 University of Lancaster, Lancaster Environment Centre (LEC)

The LEC brings together environmental researchers of international reputation to form one of the largest groups of its kind anywhere in Europe.

Research areas

- Environmental change and pollution
- Geosciences
- Environment and society
- Catchment and aquatic processes
- Organisms and the environment
- The Lancaster Environment Centre has formed a number of integrating research centres to address environmental issues of national and international importance and integrates Centre of Ecology and Hydrology (see page 18) and University science:
 - The Centre for Sustainable Chemical Management
 - The Centre for Environmental Informatics
 - The Centre for Sustainable Energy
 - The Centre for Sustainable Water Management
 - The Centre for Sustainable Agriculture

Address: The Lancaster Environment Centre,
Lancaster University,
Lancaster, LA1 4YQ

Telephone: (0)1524 510223
Email: ec@lancs.ac.uk
Website: www.lec.lancs.ac.uk

202 University of Leeds, Centre for Plant Sciences (CPS)

The CPS is a multidisciplinary research centre within the Institute of Comparative and Integrative Biology. This is one of three institutes within the Faculty of Biological Sciences at the University of Leeds.

A particular strength of the CPS is the range of expertise available to link whole organism biology, through organelle and cellular processes, with protein and carbohydrate biochemistry to molecular biology and protein engineering.

Research areas

- Cell and developmental biology
- Signal transduction and gene expression
- Biotechnology and development of bio-safe GM crops

Address: Faculty of Biological Sciences,
University of Leeds,
Leeds, LS2 9JT

Telephone: (0)113 343 2863
Fax: (0)113 343 3144
Email: plants@leeds.ac.uk
Website: www.plants.leeds.ac.uk



203 The University of Leeds, The Proctor Department of Food Science

The Proctor Department of Food Science has always been a leader in the teaching of food science. It has built up a reputation over more than 40 years as one of the world's leading academic institutions in this subject, and as collaborators with major food producers and other academic institutions.

Research areas

Food Colloids Group:

- Optimization of protein/lipid/polysaccharide ingredients for the formulation and stabilization of dispersed systems
- Development of improved understanding of the properties of adsorbed proteins and nanoparticles at fluid interfaces
- Control of microstructure and rheology of gels, foams and emulsions.

Food Chemistry and Biochemistry Group:

- Metabolism, bioactivity and potential health benefits of flavonoids
- Properties and analysis of food allergens
- Consequences of the variable nutritional content of ethnic and regional foods

Address: Proctor Department of Food Science, University of Leeds, Leeds, LS2 9JT
Telephone: (0)113 343 2958
Fax: (0)113 343 2982
Website: www.food.leeds.ac.uk

204 University of Lincoln, Animal Behaviour, Cognition and Welfare Group

In September 2002, Riseholme Park saw the completion of its most recent round of development. This included the refurbishment of the laboratories in the Lindsey Centre and investment of over £2 million in purpose built animal and equine facilities. The Equine Unit includes stabling for 40 horses, riding, training and rehabilitation facilities that are used in equine research.

Research areas

- Equine behavioural problems
- Equine physiology including; metabolic enzyme activity; exercise tolerance; cell volume regulation; membrane transport
- Welfare of stabled horses

Address: Animal Behaviour, Cognition and Welfare Group, University of Lincoln, Riseholme Park, Riseholme, Lincoln, Lincolnshire, LN2 2LG
Telephone: (0)1522 882000
Email: ejubbs@lincoln.ac.uk
Website: www.lincoln.ac.uk/dbs/abc

205 University of Lincoln, Faculty of Media, Humanities and Technology, Food Manufacturing Technology

Food manufacturing research takes place at the Holbeach Technology Park which is the University of Lincoln's specialist food campus lying in the heart of the Lincolnshire Fens.

Services

- Sensory evaluation training
- Product development
- Sales support: provision of consumer research; product benchmarking; market analysis

Address: Holbeach Campus, Minerva House, Holbeach Technology Park, Park Road, Holbeach, Spalding, Lincolnshire, PE12 7PT
Telephone: (0)1406 493000
Fax: (0)1406 493030
Email: holbeach@lincoln.ac.uk
Website: www.lincoln.ac.uk/holbeach

206 University of Liverpool, Faculty of Veterinary Science

The Faculty of Veterinary Science organises its research by groupings in a number of themes which cross department and faculty boundaries and introduce a broad perspective to research.

Research areas

- Animal molecular physiology
- Epidemiology
- Infectious diseases
- Mammalian behaviour and evolution
- Musculoskeletal systems

Address: Faculty of Veterinary Science, The University of Liverpool, Liverpool, L69 7ZJ
Telephone: (0)151 794 5977
Email: deanvets@liverpool.ac.uk
Website: www.liv.ac.uk/vets

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

207 University of Liverpool, School of Biological Sciences

Research in the School covers a broad spectrum of areas, ranging from molecular biology through to evolutionary biology, and has a strong focus on interdisciplinary research.

Research areas

- Animal sciences
- Physiology
- Behavioural ecology
- Evolutionary psychology
- Cell signalling
- Chemical biology
- Conservation biology
- Evolutionary biology
- Functional and comparative genomics
- Host-parasite biology
- Marine and freshwater systems
- Microbiology
- Molecular oncology
- Stem cell biology
- Plant sciences
- Structural biology

Address: School of Biological Sciences, University of Liverpool, The BioScience Building, Liverpool, L69 7ZB
Telephone: (0)151 795 4400
Fax: (0)151 795 4414
Website: www.liv.ac.uk/biolsci

208 University of London, Queen Mary

The School of Biological and Chemical Sciences was established in August 2005 as a result of the merger of the School of Biological Sciences and the Department of Chemistry.

Research areas

- Evolutionary genetics includes: using DNA analysis for studies in behavioural ecology; human genetics; conservation genetics; chromosome evolution in plants and animals; cases of 'natural' genetic modification; the molecular biology of mosquitoes; transposable elements; the biotechnological exploitation of model

Address: School of Biological and Chemical Sciences, Queen Mary, University of London, Mile End Road, London, E1 4NS
Telephone: (0)207 882 3200
Fax: (0)208 983 0973
Email: sbcs@qmul.ac.uk
Website: www.sbcs.qmul.ac.uk

209 University of London, Royal Holloway, School of Biological Sciences

The School of Biological Sciences was created in 1994 from the former Departments of Biochemistry and Biology to foster research and teaching collaboration across the biological sciences.

Research areas

- Biomedical sciences
- Ecology, evolution and behaviour
- Plant molecular sciences
- Chemical and bio-analytical sciences

Address: School of Biological Sciences, Royal Holloway, University of London, Egham, Surrey, TW20 0EX
Telephone: (0)1784 443559
Website: www.rhul.ac.uk/biological-sciences

210 University of London, Royal Veterinary College (RVC), Camden Campus

The RVC's Camden Campus is close to central London and is the principal location for the Beaumont Animals Hospital.

Address: The Royal Veterinary College, Royal College Street, London, NW1 0TU
Telephone: (0)207 468 5000
Website: www.rvc.ac.uk

211 University of London, Royal Veterinary College (RVC), Hawkshead Campus

The RVC focuses on four research themes and organises its research-active academics and its postgraduate students into eight groups of between ten and 20 researchers led by a senior member of staff.

Research areas

- Musculoskeletal biology:
 - Bone Research Group
 - Locomotion (muscle, tendon and biomechanics) Research Group
- Reproduction, genes and development:
 - Reproduction Research Group
 - Genes and Development Research Group
 - Cardiovascular and inflammation biology
- Infection and immunity:
 - Pathogen Biology Research Group
 - Host Response Research Group
 - Population Biology and Disease Control Research Group

Address: Royal Veterinary College, University of London, Hawkshead Lane, North Mymms, Hertfordshire, AL9 7TA
Telephone: (0)1707 666333
Fax: (0)1707 652090
Website: www.rvc.ac.uk

212 London Metropolitan University, Microbiology Research Unit, Department of Health and Human Sciences

Research areas

- Predictive microbiology
- Survival of foodborne pathogen
- Probiotics
- Traditional fermentations

Address: Department of Health and Human Sciences,
London Metropolitan University,
166-220 Holloway Road,
London, N7 8DB

Telephone: (0)207 133 2571

Email: j.sutherland@londonmet.ac.uk

Website: www.londonmet.ac.uk/depts/hhs/mru

213 University of London St. George's Hospital Medical School, Division of Cellular and Molecular Medicine (CMM)

This newly formed Division of Cellular and Molecular Medicine integrates different disciplines within St George's providing a diverse and rich source of expertise. The objectives of CMM are to gain insights into human biology in health and disease at the molecular, cellular, and functional level. Research interests within CMM span areas of molecular and cellular biology as applied to acquired and inherited disease.

Address: St. George's, University of London,
Cranmer Terrace, London, SW17 0RE

Telephone: (0)208 672 9944

Website: www.sgul.ac.uk



214 University of London, Department of Development Studies, School of Oriental and African Studies (SOAS)

SOAS is the only higher education institution in the UK specialising in the study of Asia, Africa and the near and Middle East.

Research areas

- Centre for Development, Environment and Policy (CeDEP)
- Centre for Development Policy and Research (CDPR)
- Centre for Ethnic Minority Studies (CEMS)
- Centre for Financial and Management Studies (CeFIMS)
- Centre for Gender and Religions Research (GRR)
- Centre for Gender studies
- Centre for International Studies and Diplomacy (CISD)

Address: School of Oriental and
African Studies,
University of London,
Thornhaugh Street,
Russell Square,
London, WC1H 0XG

Telephone: (0)207 637 2388

Website: www.soas.ac.uk

215 Loughborough University, Water, Engineering, and Development Centre (WEDC)

WEDC is one of the world's leading institutions concerned with education, training, research, and consultancy relating to the planning, provision, and management of infrastructure for development.

Research areas

- Emergency water supply and sanitation
- Enterprise development
- Environment and health
- Hydroinformatics
- Institutional development
- Knowledge management
- Solid waste management
- Transport
- Urban services
- Water and sanitation

Address: WEDC,
Loughborough University,
Leicestershire, LE11 3TU

Telephone: (0)1509 222885

Fax: (0)1509 211079

Email: wedc@lboro.ac.uk

Website: http://wedc.lboro.ac.uk

216 University of Manchester, Faculty of Life Sciences

Plant Sciences

Researchers in Plant Sciences aim to understand the endogenous and extrinsic factors which regulate plant growth, development, evolution and adaptation. Experimental approaches range from studies of individual molecules through to the whole plant in its natural environment. Well characterised model plants such as *Arabidopsis* as well as crops and natural species are used in interdisciplinary approaches which entail interactions between groups and across the Faculty of Life Sciences.

Research areas

- Biochemistry and genetics of plastids
- Cell and developmental biology
- Plant adaptation, acclimation and evolution

Adaptive Organismal Biology

Research in this area seeks to understand the responses of complex biological systems to environmental challenge using comparative and model-hopping approaches at whole organism, tissue, cell and gene expression levels to understand how organisms interact with their environment.

Research areas

- Aquatic integrative biology
- Functional ecology of freshwaters with particular reference to phytoplankton / zooplankton diversity
- Population dynamics and the cycling of macro-nutrients and trace metals in running and standing waters

Address: School of Biological Sciences,
University of Manchester, Stopford Building,
Oxford Road, Manchester, M13 9PT

Telephone: (0)161 275 5632

Fax: (0)161 275 5586

Website: www.ls.manchester.ac.uk

217 University of Manchester, School of Chemical Engineering and Analytical Sciences – Sataka Centre for Grain Process Engineering

Research areas

- Primary cereal processing including: flour and rice milling
- Secondary cereal processing – e.g. breadmaking and breakfast cereal production
- Novel uses of cereals including: fermentation technology applied to cereals

Address: School of Chemical Engineering
and Analytical Science,
The University of Manchester, PO Box 88,
Sackville Street, Manchester, M60 1QD

Telephone: (0)161 306 9320

Email: enquiries-ceas@manchester.ac.uk

Website: www.ceas.manchester.ac.uk

218 Middlesex University, School of Health and Social Sciences

The Traditional Chinese Medicine (TCM) course at Middlesex University was the first named degree of its kind in the world outside China and is taught in partnership with the Asanté Academy of Chinese Medicine.

The Academy has become one of the leading Chinese Medicine Clinics in Europe providing a comprehensive service of specialist treatment covering all areas of Chinese Medicine.

Address: School of Health and Social Sciences,
Middlesex University,
Queensway, Enfield,
Middlesex, EN3 4SA

Telephone: (0)2084 115975

Website: www.md.ac.uk

219 National Fisheries Laboratory, Environment Agency

Address: National Fisheries Laboratory,
Environment Agency,
Brampton, Huntingdon,
Cambridgeshire

Telephone: (0)8708 506506

220 Newcastle University, Institute for Research in Environment and Sustainability (IRES)

The Faculty brings together research in the engineering, agriculture and biological sciences as well as the physical sciences. The diversity is exceptional and ensures it is at the forefront of innovative thinking in research.

IRES seeks to provide sustainable solutions to environmental problems through the interdisciplinary study of urban, rural and marine environments.

Address: School of Agriculture,
Food and Rural Development,
King George VI Building,
University of Newcastle upon Tyne,
Newcastle upon Tyne, NE1 7RU

Telephone: (0)191 222 5955

Fax: (0)191 222 7811

Website: www.ncl.ac.uk

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

221 Newcastle University, Centre for Rural Economy (CRE)

CRE is a research centre at the University of Newcastle specialising in interdisciplinary social science and applied policy research oriented towards the achievement of a sustainable rural economy.

The CRE hosts the Rural Economy and Land Use Programme.

Research areas

- The integration of land and water use
- The environmental basis of rural development
- Sustainable food chains
- Economic and social interactions with the rural environment

Address: Centre for Rural Economy,
School of Agriculture,
Food and Rural Development,
University of Newcastle,
Newcastle upon Tyne, NE1 7RU

Telephone: (0)191 222 6623

Fax: (0)191 222 5411

Email: cre@ncl.ac.uk

Website: www.ncl.ac.uk/cre

222 Newcastle University, School of Agriculture, Food and Rural Development

The School continues a long tradition within Newcastle University of advancing knowledge through its teaching and research activities. It promotes excellence in research and teaching in the natural and social sciences relating to food, agriculture, rural environments, the countryside and the rural economy.

Research areas

The research is divided into three over-arching areas, each with interdisciplinary collaboration which is central to the School's strategy:

- Molecular agriculture
- Integrated agricultural systems
- Rural economy

The School hosts the Centre for Rural Economy (CRE), Institute for Research in Environment and Sustainability (IRES), Centre for Renewable Energy from Land (CREEL) and the Nafferton Farm.

Address: School of Agriculture,
Food and Rural Development,
Agriculture Building, Newcastle University,
Newcastle upon Tyne, NE1 7RU

Telephone: (0)191 222 6900

Fax: (0)191 222 7811

Email: afrd-enquiries@ncl.ac.uk

Website: www.ncl.ac.uk/afrd

223 Newcastle University, Centre for Renewable Energy from Land (CREEL)

CREEL is being established at Cockle Park Farm so that the technologies and wider implications associated with the use of renewable sources of energy from the land can be promoted via research, education and demonstration.

CREEL brings together agriculturalists, natural scientists, environmentalists, economists, social scientists and a range of people from different engineering disciplines to examine issues relating to renewable energy from land in an integrated and holistic manner.

Address: School of Agriculture,
Food and Rural Development,
Agriculture Building, Newcastle University,
Newcastle upon Tyne, NE1 7RU

Telephone: (0)191 222 6900

Email: afrd-enquiries@ncl.ac.uk

Website: www.ncl.ac.uk/afrd/research/centres/creel

224 Newcastle University, School of Marine Science and Technology

The School of Marine Science and Technology is the largest and broadest-based marine school in the UK, covering the fields of marine engineering, marine biology, naval architecture, offshore engineering, coastal management and small craft technology, and enjoys a substantial international reputation.

Research areas

- Energy and the environment
- Industrial competitiveness
- Marine biogeochemistry
- Marine biotechnology
- Marine ecology

Address: School of Marine Science and Technology,
Armstrong Building,
Newcastle University,
Newcastle upon Tyne, NE1 7RU

Telephone: (0)191 222 6718

Fax: (0)191 222 5491

Email: marine@ncl.ac.uk

Website: www.ncl.ac.uk/marine

Note:

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225 Newcastle University, Nafferton Farm, Centre for Organic Agriculture

The Nafferton farming business comprises two main farm units run from the base at Nafferton Farm in the Tyne Valley.

The principal objectives of the farm are to provide:

- A land-based research facility for the Faculty of Science, Agriculture and Engineering, especially in the area of organic production
- Demonstration facilities for teaching purposes
- A viable farming business

Address: School of Agriculture,
Food and Rural Development,
King George VI Building,
University of Newcastle upon Tyne,
Newcastle upon Tyne, NE1 7RU

Telephone: (0)191 222 5955

Fax: (0)191 222 7811

Website: www.ncl.ac.uk

226 University of Northumbria – Nutrials

Nutrials is a new service for industry that brings together expert research scientists from Northumbria University. With expertise in a wide range of areas relating to functional food science and nutraceuticals, Nutrials offers all the scientific and technical resources needed to meet the new scientific and legislative challenges facing food companies and health product manufacturers today.

The group's collective knowledge is provided through three highly respected research teams within Northumbria University:

- Human Cognitive Neuroscience Unit (HCNU)
- Nutrition, Exercise and Appetite Research Group (NEAR)
- Biomolecular and Biomedical Research Centre (BBRC)

Research areas

- Diet, nutrition and appetite
- Antioxidants
- Cognitive and mental performance
- Physical performance and fitness

Address: Nutrials, Ellison Building,
Northumbria University,
Newcastle upon Tyne, NE1 8ST

Telephone: (0)191 204 8818

Email: ba.nutrials@northumbria.co.uk

Website: www.northumbria.ac.uk/
/researchandconsultancy/sa/nutrials

227 University of Nottingham, Division of Food Sciences

The Division, located in the School of Biosciences at the Sutton Bonington Campus, is an international centre for fundamental and industrial food, microbiological, brewing and biochemical teaching and research.

Research areas

- Brewing science
- Flavour Research Group
- Food structure
- Microbiology and food safety
- The National Centre for Macromolecular Hydrodynamics

Address: Division of Food Sciences, University of
Nottingham, Sutton Bonington Campus,
Loughborough, Leicestershire, LE12 5RD

Telephone: (0)1159 516141

Fax: (0)1159 516142

Email: Lynne.Moseley@nottingham.ac.uk

Website: www.nottingham.ac.uk/biosciences/foodsci

228 University of Nottingham, School of Biosciences

Research is centred round five divisions and the School is home to a number of major research centres.

Research areas

- Agricultural and environmental sciences: animal production, crop science and agricultural management/economics
- Animal physiology: physiology of reproduction in mammals, particularly in relation to improving or regulating fertility
- Food sciences: flavour technology; food microbiology, safety and structure; and the BBSRC National Centre for Macromolecular Hydrodynamics
- Nottingham *arabidopsis* stock centre
- Nutritional biochemistry: control and manipulation of the nutritional and processing quality of animal and plant products; nutritional enhancement of fat and protein content in animals and food authentication; control of farm animal growth; nutritional evaluation of animal feed; fetal programming and health; diet-health interactions in man; population based studies in human nutrition and dietetics
- Plant sciences: processes regulating plant growth, development and quality, and investigations into the interactions between plants, their environment, and other organisms
- Rural Business Research Unit: production of Farm Business Surveys, research into farm management practices and economic issues affecting producers and the rural community

Address: University of Nottingham, Sutton Bonington
Campus, Loughborough, Leicestershire, LE12 5RD

Telephone: (0)1159 516400

Fax: (0)1159 516032

Email: biosciences-enquiries@nottingham.ac.uk

Website: www.nottingham.ac.uk/biosciences

229 University of Nottingham, Institute of Clinical Research, Queen's Medical Centre

The Institute of Clinical Research is a major overarching centre of excellence committed to high quality, integrative, translational and population based research. It draws together research excellence from across the University, delivered by five key centres of medical and scientific expertise.

Research areas

- Centre for Population Studies (CPS)
- Centre for Integrated Systems Biology and Medicine (CISBM)
- Wolfson Digestive Diseases Centre (WDDC)

Address: University of Nottingham,
Queen's Medical Centre,
University Hospital, Nottingham, NG7 2UH

Telephone: (0)1158 230509

Email: alexandra.erven@nottingham.ac.uk

Website: www.nottingham.ac.uk/icr/

230 Nottingham Trent University, School of Science and Technology

A major theme of the School is interdisciplinary research bringing together fundamental and applied research to provide benefit to people and society.

Within Biomedical Sciences the two main themes are health and disease and biomolecular and microbial analysis: detection methods for common and emergent foodborne pathogens such as *Campylobacter*, *Salmonella*, *Listeria* and more recently *Cronobacter (Enterobacter) sakazakii*, ranging from chromogenic agars, immunomagnetic separation and also hygiene assessment via ATP swab techniques.

Research areas

- *Cronobacter (Enterobacter) sakazakii*
- *Campylobacter* and related organisms
- Food surveys

Address: School of Science and Technology,
Nottingham Trent University,
Clifton Lane, Nottingham, NG11 8NS

Telephone: (0)1158 483529

Fax: (0)1158 486636

Email: stephen.forsythe@ntu.ac.uk

Website: www.ntu.ac.uk/research/school_research/sat
www.foodmicrobe.com

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

231 Oxford Brookes University, Nutrition and Food Research Group

Formed in 1984, The Nutrition and Food Research Group, part of Oxford Brookes University, has gained international recognition for the quality of its research in nutritional science. The group aims to provide high quality customer focused research programmes and consultancy services to the food and nutrition industry.

Research areas

- Health issues: obesity; satiety; energy metabolism; body weight regulation; as well as looking at the clinical benefits of functional foods in helping to prevent and tackle these problems
- In depth studies are to be carried out on the effect of glycaemic index, particularly on women and children and the impact on cardiovascular risk factors and immune/inflammatory disease. The goal is to understand the interactions within diet that contribute to the development of these health problems for the purpose of developing and evaluating new nutritional strategies and products that will enhance treatment and prevention

Address: Oxford Brookes University,
Headington Campus, Gypsy Lane,
Oxford, OX3 0BP

Telephone: (0)1865 483818

Fax: (0)1865 483618

Website: www.brookes.ac.uk/lifesci/research/nfrg/

232 University of Oxford, Oxford Forestry Institute

The University the Oxford Forestry Institute has been fully incorporated into the Department of Plant Sciences. Research into forestry issues continues, as previously.

Research areas

- Ecology and silviculture
- Forest genetics and tree improvement
- Forest biodiversity and plant systematics
- Forest biotechnology
- Other research activities
- Wood anatomy
- Properties and uses forest policy and economics
- Ecophysiology

Address: Oxford Forestry Institute,
Department of Plant Sciences,
University of Oxford,
South Parks Road,
Oxford, OX1 3RB

Telephone: (0)1865 275000

Fax: (0)1865 275074

Email: ofi@plants.ox.ac.uk

Website: www.plants.ox.ac.uk/ofi

233 University of Oxford, Department of Plant Sciences

The Department possesses world-class strengths across the breadth of modern plant science. Oxford Forestry Institute has been fully incorporated into the Department of Plant Sciences (see page 64).

Research areas

- Biochemistry and cell biology
- Comparative developmental genetics
- Evolution, ecology and systematics

Address: Department of Plant Sciences,
University of Oxford, South Parks Road,
Oxford, OX1 3RB

Telephone: (0)1865 275000

Fax: (0)1865 275074

Website: www.dps.plants.ox.ac.uk

234 University of Oxford, Department of Zoology

The Department of Zoology carries out research on a very broad range of topics, with an emphasis on problems involving how organisms evolve and interact with their environment.

Research areas

- Behaviour
- Disease
- Ecology
- Evolution and development

Address: Department of Zoology,
University of Oxford,
The Tinbergen Building,
South Parks Road,
Oxford, OX1 3PS

Telephone: (0)1865 271234

Website: www.zoo.ox.ac.uk



235 University of Paisley, Department of Biological Sciences

In August 2007 the University of Paisley merged with Bell College to create the University of the West of Scotland.

The research carried out within this Department is varied and wide ranging, involving collaboration with other University staff as well as with colleagues in industry and other academic institutions. The applied nature of the research, with applications in industry, medicine and agriculture, attracts significant external funding.

Research areas

- Biosensors
- Neuropharmacology
- Enzyme technology
- Neurovascular inflammation
- Agrochemicals
- Ecology, animal behaviour and stable isotopes
- Molecular biology
- Animal cell culture
- Plant cell culture

Address: Biological Sciences,
University of Paisley, Scotland, PA1 2BE

Email: peter.birch@paisley.ac.uk

Website: www-biol.paisley.ac.uk

236 University of Plymouth, School of Biological Sciences

Research areas

- Terrestrial ecology: the Terrestrial Ecology Research Group (TERG) takes an integrated approach to the sustainable use of natural and agricultural ecosystems for the conservation of biodiversity and the provision of ecosystem services
- Marine biology: aquatic biodiversity and ecology, conservation biology and pollution, developmental plasticity and ecophysiology, behavioural ecology and global climate change
- Ecotoxicology: The Ecotoxicology and Stress Biology Research Centre (ESBRC) addresses how organisms deal with exposure to environmental stresses (anthropogenic and natural, chemical and physical) and biotic stresses (infection and disease)
- Nutrition and health sciences: aquatic animal nutrition and health, animal nutrition and production, human nutrition, crop physiology

Address: School of Biological Sciences,
University of Plymouth,
Drake Circus,
Plymouth, Devon, PL4 8AA

Telephone: (0)1752 584600

Email: biolsci@plymouth.ac.uk

Website: www.plymouth.ac.uk

237 University of Plymouth, Marine Institute

The Marine Institute consolidates the ongoing marine activities in the Faculties of Science, Technology and Social Science and Business into a coherent programme.

The Marine Institute has over 160 specialist researchers whose work focuses on coasts, estuaries and shelf sea systems following a 'hilltops to ocean' approach, providing opportunities to develop research projects with well established research teams and helping to offer innovative solutions to the difficult issues facing today's seas and coasts.

Research areas

- Assessing and predicting change
- Sustainable use and protection of seas and coasts
- Understanding marine and coastal systems

Address: University of Plymouth Marine Institute,
A403 Portland Square,
Drake Circus, Plymouth,
Devon, PL4 8AA

Telephone: (0)1752 233719

Fax: (0)1752 233554

Email: marineinstitute@plymouth.ac.uk

Website: www.research.plymouth.ac.uk/marine

238 University of Plymouth, Marine Biology and Ecology Research Centre (MBERC)

Members of MBERC take a question driven approach to science that provides a basis for high quality research and research-informed teaching.

The group consists of closely collaborating biologists and ecologists from marine, freshwater and terrestrial backgrounds, with research interests ranging from epigenetic effects on individual organisms to functional processes in ecosystems and including topical issues such as the impact of climate change and ocean acidification.

Research areas

- Aquatic biodiversity and ecology
- Conservation biology and pollution
- Developmental plasticity and ecophysiology
- Behavioural ecology
- Global climate change

Address: MBERC, Room 611,
Davy Building,
Drake Circus, Plymouth,
Devon PL4 8AA

Telephone: (0)1752 232967

Fax: (0)1752 232970

Email: s.rundle@plymouth.ac.uk

Website: www.research.plym.ac.uk/mberc

239 University of Portsmouth, Centre for the Economics and Management of Aquatic Resources (CEMARE)

CEMARE is based within the Department of Economics at the University of Portsmouth. Since its establishment in the early 1960s, to promote multi-disciplinary research into marine resources, it has developed into a substantial centre for research, consultancy, training and advanced studies in fisheries economics and management, aquaculture, recreational and freshwater fisheries management and coastal zone management.

Research areas

- Bioeconomic modelling of fisheries
- Economic and legal evaluations of fisheries management measures
- Economics of marine aquaculture
- Analysis of fish markets
- Traditional management of artisanal fisheries
- Analysis of the regional role of the seafood industry
- Valuation of aquatic resources and wetlands
- Marine resource damage assessment

The geographical scope of CEMARE's research activities is extensive. Previous and present research projects include the UK and wider Europe, along with Australia, Bangladesh, Brazil, Cameroon, Chad, India, Mauritania, Morocco, Nigeria, Romania, Senegal, Slovenia, Sri Lanka, Cambodia, Thailand and Vietnam.

Address: CEMARE,
Portsmouth Business School,
University of Portsmouth,
St George's Building,
141 High Street, Portsmouth,
Hampshire, PO1 2HY

Telephone: (0)2392 844082

Fax: (0)2392 848502

Email: cemare.library@port.ac.uk

Website: www.port.ac.uk/research/cemare/



240 Queen's University Belfast, Institute of Agri-Food and Land Use (IAFLU)

IAFLU also conducts cutting edge, environmental, food safety and nutritional research of local, national and international importance. It provides a strong and motivating research environment and the concentration of academic staff in key thematic areas maintains international standing in these specialisms.

Research areas

- Environmental economics
- Economics of energy
- Urban land use of water quality
- Sustainable catchment management
- Valuing biodiversity, agri-environment and outdoor recreation and of waste management
- Food safety including microbiological and chemical threats which can arise in the food supply chain
- Human nutrition and health research at the food-health interface in IAFLU focuses on the effect of diet on human health

Address: Institute of Agri-Food and Land Use,
Queen's University Belfast,
David Keir Building,
Belfast, BT9 5AG

Telephone: (0)289 0976508

Website: www.qub.ac.uk/schools/InstituteofAgri-FoodLandUse/Research

241 University of Reading, School of Agriculture, Policy and Development

The School is organised into five research areas:

- Animal science; Crops; Economics; Environment; Livelihoods
- Many research topics are wide-ranging and encompass several disciplines across the School and University, particularly sustainability and international development. The economics research group is the best initial contact point for these subjects, unless the primary focus is clearly animals, crops or environment.

Animal Science

Animal-derived food products that make a positive contribution to human nutrition and are conducive to long-term health produced in a welfare friendly way while minimising production and environmental costs.

Research areas

- Animal Science Research Group (ASRG), incorporating:
 - Centre for Dairy Research; Nutritional Sciences Research Unit; Biomathematics
- Veterinary Epidemiology and Economics Research Unit (VEERU)

Crops

Temperate and tropical crop physiology from seed development, storage and germination to crop senescence and food quality for sustainable agriculture in current and future environments.

Research areas

- Crop science, incorporating:
 - Plant Environment Laboratory (PEL)
 - Crop Research Unit (CRU)
 - Seed Science Laboratory
 - Crop Protection Research Group

Economics

Marketing, management and microeconomics in the food chain – applied economic analysis contributing to the socio-economic evaluation of policies and research in an interdisciplinary setting.

Research areas

- Economics Research Group, incorporating:
 - Centre for Agricultural Strategy;
 - Agriculture and Food Investigation Team (AFIT) (Farm Business Surveys)
- Centre for Food Economics Research
- Research in Agricultural Development
- Farm Management Unit
- Collaborative Unit for Biotechnology Economics (CUBES)

Environment

Reconciling agriculture with the conservation of biodiversity through increasing the understanding of ecological processes and interactions in agro-ecosystems.

Research areas

- Centre for Agri-Environmental Research, incorporating:
 - Biodiversity, land-use and climate change
 - Biodiversity and ecosystem services
 - Biodiversity conservation within multi-functional landscapes
 - The science of scale
 - Science and society

Livelihoods

Putting people at the centre of development – analysing the human and social dimensions of economic, technological and institutional change at local, national and global levels.

International Development Research, incorporating:

- Information, communication and innovation
- Governance and sustainable management of natural resources
- Poverty, gender and social change
- Livestock Development Group

Address: School of Agriculture, Policy and Development,
University of Reading, Whiteknights,
PO Box 237, Reading, Berkshire, RG6 6AR

Telephone: (0)1183 788482

Website: www.reading.ac.uk/apd

242 University of Reading, School of Biological Sciences

The School was formed in 2005 from the former Schools of Animal and Microbial Sciences, Applied Statistics and Plant Sciences.

The School consists of three departments:

- Biomolecular sciences
- Environmental biology
- Quantitative biology and statistics

Biomolecular sciences

The UK's first microbiology department was founded in 1957 at Reading. Today, its research activities are broad-based, covering a wide range of aspects of biomolecular science. The school contributes to the food chain and health research theme within the University.

Environmental biology

Research in this section deals primarily with ecology and evolutionary biology – and the applied links between these disciplines – wildlife conservation and the biological control of agricultural pests and diseases.

Within the section, there are three specialist research groups:

- Centre for Plant Diversity and Systematics
- Centre for Horticulture and Landscape: assessment of novel products, shelf life trials and chemical analyses, software for growers and the International Cocoa Germplasm Database
- Centre for Wildlife Assessment and Conservation

Quantitative biology and statistics

The Quantitative Biology and Applied Statistics Section was established in August 2007, bringing together staff with expertise in applied statistics and those with expertise in quantitative biology, to reflect cross-disciplinary research interests.

Applied Statistics staff have a long record of excellence in teaching, research and consulting connected with challenging applications of statistics, particularly in the life sciences. The section incorporates the Statistical Services Centre which works in Europe and worldwide, offering training and advisory services in statistics and data management.

Address: School of Biological Sciences,
AMS Building,
The University of Reading,
Whiteknights, Reading,
Berkshire, RG6 6AJ
Telephone: (0)1183 788094
Website: www.reading.ac.uk/biologicalsciences

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

243 University of Reading, Human and Environmental Science, Department of Soil Science

Soil Science at the University of Reading is the only university department in the UK that is devoted to the study of soils. Formally established in 1964, its origins go back to the establishment of courses in agriculture at Reading in the late 19th century.

Research areas

- Soil biochemistry
- Water, gases and vegetation
- Pollutants and nutrients
- Microbes, invertebrates and plants
- Pedogenesis
- Soil evaluation
- Ecotoxicology
- Physical properties
- Sampling spatial variability
- Soil technology
- Composts and synthetic soils
- Stabilisation and solidification

Address: Department of Soil Science,
School of Human and
Environmental Sciences,
University of Reading, Whiteknights,
Reading, Berkshire, RG6 6DW
Telephone: (0)1183 786557
Fax: (0)1183 786660
Email: s.m.hawthorne@reading.ac.uk
Website: www.rdg.ac.uk/soilscience



244 University of Reading, School of Chemistry, Food Biosciences and Pharmacy, Department of Food Biosciences

The Department of Food Biosciences is the largest department of its kind in the UK.

Research areas

- Food microbial sciences
- Gut microbiology
- Food safety
- Molecular systematics
- Food and bioprocessing sciences
- Biotechnology and biochemical engineering
- Food processing sciences
- Human nutrition

Address: Department of Food Biosciences,
PO Box 226, Whiteknights,
Reading, Berkshire, RG6 6AP
Telephone: (0)1183 788700
Fax: (0)1189 310080
Email: food@reading.ac.uk
Website: www.food.rdg.ac.uk

245 Robert Gordon University, School of Pharmacy and Life Sciences

Research areas

- Biomedical sciences
- Formulation and delivery
- Medicinal chemistry
- Nutrition and dietics
- Pharmacy education
- Pharmacy practice

Address: School of Pharmacy,
Robert Gordon University,
Schoolhill,
Aberdeen, AB10 1FR
Telephone: (0)1224 262553
Fax: (0)1224 262555
Website: www.rgu.ac.uk/pharmacy

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

246 University of St Andrews, Fish Behaviour and Biodiversity Research Group

The primary aim of the research group is to link behaviour and evolution, asking on the one hand how adaptive behaviour evolves and on the other how behaviour shapes the course of evolution. Concerned with the conservation of fish biodiversity the research group is examining the role of behaviour in the survival of endangered populations. Much of the work is based in the neotropics, particularly Trinidad, Mexico and Brasil, though the group also has projects in the UK.

Address: Fish Behaviour and Biodiversity Group,
University of St. Andrews, School of Biology,
Gatty Marine Laboratory, KY16 8LB
Website: www.st-andrews.ac.uk/~guppy

247 University of St Andrews, Sea Mammal Research Unit (SMRU)

SMRU provides impartial, independent and innovative science that has high relevance to society. It carries out interdisciplinary research into the biology of marine mammals, trains marine mammal scientists through undergraduate and postgraduate teaching and advises governments, non-governmental organisations and industry on conservation issues.

Research areas

- Instrumentation
- Dive behaviour
- Social behaviour/cognition
- Acoustics
- Toxicology
- Endocrinology/physiology
- Disease
- Immunology
- Abundance estimation
- Population modelling
- Distribution
- Genetics
- Demographics
- Reproduction
- Habitat preference
- Feeding/diet
- Foraging ecology
- Communications/social interactions
- Industrial impacts/interactions
- Fishery interactions
- Oceanography

Address: SMRU, Gatty Marine, Laboratory, University
of St Andrews, St Andrews, Fife, KY16 8LB
Telephone: (0)1334 462630
Fax: (0)1334 462632
Email: smru@st-andrews.ac.uk
Website: www.smru.st-andrews.ac.uk

248 University of Sheffield, Department of Animal and Plant Sciences

The Department of Animal and Plant Sciences at the University of Sheffield is one of the largest in the UK devoted to the study of whole organism biology.

Research areas

- Biodiversity and conservation
- Ecosystem ecology
- Evolutionary biology and behavioural ecology
- Global change
- Plant science
- Population and community ecology

Address: Department of Animal and Plant Sciences
University of Sheffield,
Western Bank,
Sheffield, S10 2TN

Telephone: (0)1142 222000

Website: www.shef.ac.uk/aps

249 University of Sheffield, Robert Hill Institute

The Robert Hill Institute (RHI) was established in 1989 to consolidate and enhance the University's reputation for research into photosynthesis.

Research in the Institute focuses on all aspects of photosynthesis, in plants and micro-organisms, from molecular and cellular aspects to ecophysiology and global change. It combines genetic, spectroscopic, biochemical and cell biological approaches to analyse processes such as light harvesting, effects of biotic and abiotic stress and plant responses to elevated carbon dioxide.

The Institute is an interdepartmental research activity of the Departments of Animal and Plant Sciences and Molecular Biology and Biotechnology.

Address: Robert Hill Institute,
University of Sheffield, Western Bank,
Sheffield, S10 2TN

Telephone: (0)1142 222000

Website: www.shef.ac.uk/rhi

250 University of Sheffield, Department of Landscape

The Department of Landscape is a major research centre for landscape and environmental planning and design.

Research areas

- Landscape ecology
- Landscape horticulture and planting design
- Landscape planning and environmental sustainability

Address: Department of Landscape,
Floor 3, Arts Tower,
Western Bank, Sheffield, S10 2TN

Telephone: (0)1142 220600

Fax: (0)1142 754176

Email: landscape@sheffield.ac.uk

Website: www.shef.ac.uk/landscape

251 Sheffield Hallam University, Food Innovation and Research Centre (FIRC)

As a leading University within the national and international food arena, FIRC has expertise in a number of key areas.

The Centre's main objective is to understand the requirements of the complete food supply chain and provide it with appropriate services common to all levels, from retailer, through major groups, to small and medium sized companies.

Services

- Sensory evaluation and consumer studies
- Textural and microbiological analysis
- New product development and reformulation
- Quality control and assurance
- Food marketing and strategic management
- Training courses, workshops and seminars
- Knowledge transfer
- Food legislation advice
- Consultancy services for the manufacturing process including: Food legislation advice; sensory evaluation and consumer studies; textural and microbiological analysis; new product development and reformulation; quality control and assurance and manufacturing 'Operational Excellence'

Address: FIRC, Sheffield Hallam University,
City Campus, Howard Street,
Sheffield, S1 1WB

Telephone: (0)114 225 2044

Fax: (0)114 225 5268

Email: j.roberts@shu.ac.uk

Website: www.shu.ac.uk/research/firc

252 University of Southampton, Department of Civil and Environmental Engineering

Research utilises strengths in core engineering and environmental science disciplines to address real-life problems that often do not lend themselves to traditional technical investigation.

Research areas

- Bio-energy
- Institute for Irrigation and Development Studies
- Sustainable Energy Research Group
- Under-utilised crops
- Waste Management Research Group
- Water

Address: Department of Civil and
Environmental Engineering,
Lanchester Building (7),
Room 5029,
University of Southampton,
Highfield, Southampton,
Hampshire, SO17 1BJ

Telephone: (0)23 8059 4652

Fax: (0)23 8067 7519

Email: civilenv@soton.ac.uk

Website: www.civil.soton.ac.uk

253 University of Southampton, Institute of Irrigation and Development Studies

The Institute of Irrigation and Development Studies is a multi-disciplinary postgraduate centre within the Department of Civil and Environmental Engineering at the University of Southampton. It is involved in teaching, research, consulting and training both nationally and internationally.

Research areas

- Production, processing and marketing of tropical fruit crops
- Gender issues in water, hygiene and sanitation
- Renewable energy from crops and agrowaste
- Soil and water management

Address: Lanchester Building (7),
Room 5029, School of Civil Engineering
and the Environment,
University of Southampton,
Highfield, Southampton,
Hampshire, SO17 1BJ

Telephone: (0)23 8059 4652

Fax: (0)23 8067 7519

Email: civilenv@soton.ac.uk

Website: www.civil.soton.ac.uk

254 University of Southampton, School of Biological Sciences

The research interests within the School cover a wide variety of areas, with significant interdisciplinary research collaborations within the School and in the University including medicine, environmental sciences and the physical and engineering sciences.

Research areas

- Ecology and evolutionary biology
- Growth and persistence of populations
- Ecological and evolutionary aspects of animal behaviour
- Dynamics of species coexistence
- Plant biology
- Trees as sources of renewable, carbon neutral energy
- Membrane transport proteins involved in the acquisition and distribution of essential nutrients around the plant
- Defences against disease-causing organisms and vectors
- Control of chloroplast development
- Regulation of tetrapyrrole synthesis
- Functioning of plants in relation to the environment, particularly changes in light, CO₂, heavy metals, ozone and plant pathogens

Address: School of Biological Sciences, University of
Southampton, Bassett Crescent East,
Southampton, Hampshire, SO16 7PX

Telephone: (0)23 8059 4397

Fax: (0)23 8059 4269

Email: ecology@soton.ac.uk

Website: www.sbs.soton.ac.uk

255 University of Southampton – SERPENT

Collaborating closely with key players in the oil and gas industry, the "Scientific and Environmental ROV Partnership using Existing iNdustry Technology" (SERPENT) project aims to make cutting-edge ROV technology and data more accessible to the world's science community, share knowledge and progress deep-sea research. The programme interacts with science and conservation groups globally to transparently communicate the project to the public, increasing the awareness of our fragile marine resources.

SERPENT is a global project hosted by the DEEPSEAS group, within Ocean Biogeochemistry and Ecosystems (OBE) at the National Oceanography Centre, Southampton (NOCS). The project has a network of UK and global partners.

Address: DEEPSEAS Group, Ocean
Biogeochemistry and Ecosystems
Room 496/15, National Oceanography
Centre, European Way, Southampton,
Hampshire, SO14 3ZH

Telephone: (0)23 8059 6355

Fax: (0)23 8059 6247

Email: bjb@noc.soton.ac.uk

Website: www.serpentproject.com

256 University of Stirling, Institute of Aquaculture

The Institute is the top rated aquaculture department in the UK. It is the leading international centre in its field and is the largest of its kind in the world bringing together cross-disciplinary, world class researchers to meet the wide range of challenges faced as aquaculture grows to meet global demands.

Research focuses on fundamental questions relating to strategies for sustainable aquaculture, whether in modern commercial markets or in feeding poor communities in developing countries.

Fundamental research on environments, reproduction, genetics, aquatic health, nutrition and feed supplies, on production systems, on markets, and on social and economic impacts all play significant roles.

The Department for International Development (DFID) supports research carried out by the Institute in a range of countries including Malawi, Mexico, India and Sri Lanka.

Research areas

- Aquaculture Systems and Development Group (incorporating DFID funded research, Fields of Fish at the Eden Project and the Aquaculture and Fish Genetics Research Programme)
- GIS and Applied Physiology Group
- Disease Group
- Aquatic Vaccine Group
- Parasitology Group
- Fish welfare
- Environment Group
- Nutrition Group
- Reproduction and Genetics Group

Address: Institute of Aquaculture, University of Stirling, Stirling, Stirlingshire, FK9 4LA
 Telephone: (0)1786 467874
 Fax: (0)1786 472133
 Email: aquaculture@stir.ac.uk
 Website: www.aqua.stir.ac.uk

257 University of Stirling, Aquaculture and Fish Genetics Research Programme (AFGRP)

Research areas

- Seed production
- Aquatic animal health
- Markets
- Systems

Under each of these themes there are several sub-categories, for example aquaculture in irrigation systems under the Systems theme, which brings together information from AFGRP and other DFID research programmes.

The cross-cutting theme of gender is also included as AFGRP has collaborated with a range of institutions to research and promote increased awareness of gender roles in aquaculture.

Address: AFGRP, Institute of Aquaculture, University of Stirling, FK9 4LA
 Telephone: (0)1786 467900
 Fax: (0)1786 451462
 Email: afgpr@stir.ac.uk
 Website: www.dfid.stir.ac.uk/afgrp

258 University of Stirling School of Biological and Environmental Sciences

Research areas

- Ecological and environmental processes (including remote sensing of aquatic environments and soil processes)
- Geoarchaeology and environmental history
- Evolutionary ecology and conservation

Address: School of Biological and Environmental Sciences, University of Stirling, Stirling, FK9 4LA
 Telephone: (0)1786 467840
 Fax: (0)1786 467843
 Website: www.sbes.stir.ac.uk

259 University of Surrey, School of Biomolecular Sciences and Molecular Science

The School consists of 76 academic, 57 research, 33 technical and 55 support staff, over 1,000 undergraduate and postgraduate students.

Research areas

- Microbial sciences: bacteria, fungi, protists and viruses (studied to the molecular level) associated with disease, food, or the environment.
- Nutrition, dietetics and food sciences: The approach is to combine advanced molecular, cellular and metabolic technologies with population based studies to characterise the influence of genotype and phenotype on diet, health and disease interactions, to improve the strategic management of diet throughout the life cycle and to identify the factors which influence the palatability and safety of food.

Address: School of Biomedical and Molecular Sciences, University of Surrey Guildford, Surrey, GU2 7XH
 Telephone: (0)1483 686400
 Fax: (0)1483 686401
 Email: sbms@surrey.ac.uk
 Website: www.surrey.ac.uk/SBMS/

260 University of Sussex, Department of Biology and Environmental Science

The School consists of 76 academic, 57 research, 33 technical and 55 support staff, and a student cohort of over 1,000 undergraduate and postgraduate students.

Research areas

- Evolution and developmental genetics
- Neuroscience and behaviour including insect navigation
- Environmental systems and processes incorporating the plant stress unit addresses: adaptation of plant genomes under stress; proteomics and genomics; heat shock proteins; chaperones and oxidative stress; drought; carbon partitioning; salinity; conventional and marker-aided plant breeding; environmental heterogeneity and plant ecology

Address: University of Sussex, School of Biological Sciences, Falmer, Brighton, Sussex, BN1 9QG
 Telephone: (0)1273 678057
 Website: www.biols.susx.ac.uk

Note:

All the university listings are included under 'U', in alphabetical order, even if they are referred to as 'X' University as opposed to University of 'X'.

261 University of Sussex, Institute of Development Studies (IDS)

IDS is one of the world's leading organisations for research, teaching and communications on international development.

Research areas

- Knowledge, technology and society: health; agriculture; environment; making technologies work for the poor; science and citizenship
- Globalisation: Asian drivers of global change: China and India; regionalism; value chains and standards; putting enterprises and growth back onto the poverty agenda
- Governance: state effectiveness; collective action and public policy; politics; law and rights; security; conflict and fragile states
- Participation, power and social change: participation in politics and governance; institutional learning and change; the theory and practice of participation
- Vulnerability and poverty reduction: social protection; work and vulnerability; climate change and disasters

Address: IDS, University of Sussex, Brighton, Sussex, BN1 9RE
 Telephone: (0)1273 606261
 Email: ids@ids.ac.uk
 Website: www.ids.ac.uk

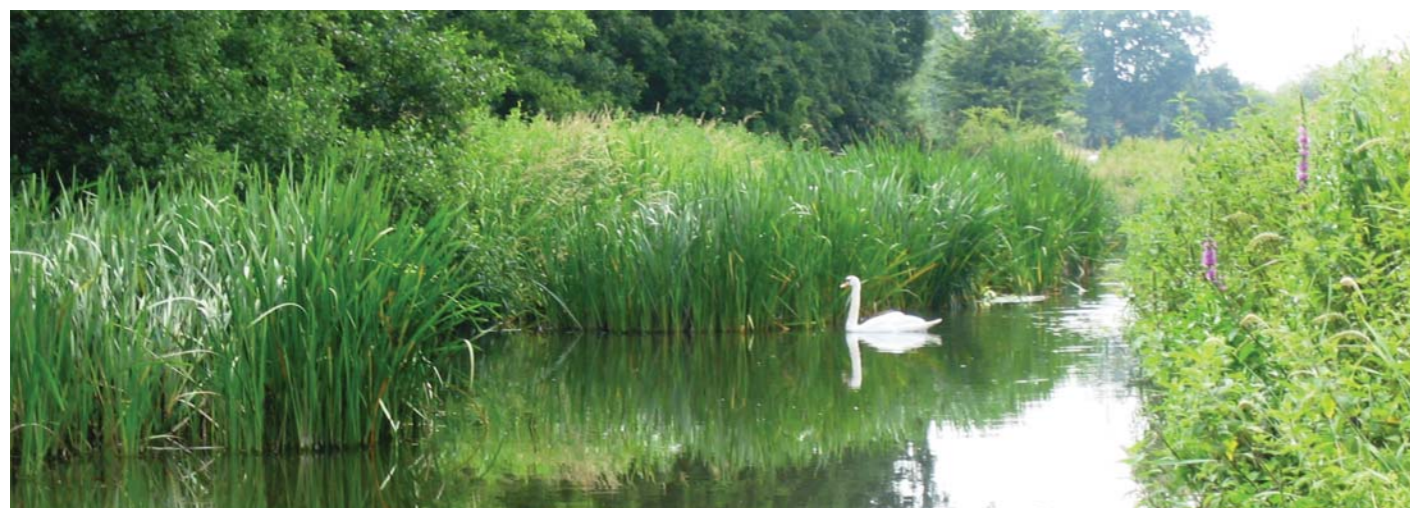
262 Swansea University, Centre for Sustainable Aquaculture Research (CSAR)

CSAR is a new state-of-the-art facility to research methods of cultivating fish and shellfish under environmentally-friendly conditions. CSAR is developing new approaches to fish and shellfish farming, focused on providing the highest standards of animal health and welfare, without risk to the natural environment. The 750 square metre controlled environment facility provides a world-class platform for research on the sustainable aquaculture of practically any tropical or coldwater marine or freshwater fish or invertebrate.

Research areas

- Aquaculture water quality control and effluent management
- Nutritional requirements and feed evaluation for farmed aquatic animals
- Fish and crustacean immunology

Address: CSAR, Swansea University, Singleton Park, Swansea, SA2 8PP
 Telephone: (0)1792 205678
 Fax: (0)1792 295157
 Website: www.swan.ac.uk/research/centresandinstitutes/CentreforSustainableAquacultureResearch



263 Swansea University, School of Environment and Society, Department of Biological Sciences

The School offers a stimulating, multidisciplinary environment for study and research at all levels and in all of the main biological subject areas.

Research areas

- Biomolecular mass spectrometry
- Pathobiology and aquaculture
- Trophic dynamics
- Behavioral, physiological and molecular ecology

Address: Department of Biological Sciences, School of the Environment and Society, Swansea University, Singleton Park, Swansea, SA2 8PP

Telephone: (0)1792 295 361

Website: www.swan.ac.uk/biosci

264 University of Ulster, School of Biomedical Sciences

The School of Biomedical Sciences has an outstanding record of success in research. It comprises 58 members of academic staff together with 53 research and 16 technical staff and 142 postgraduate research students.

Research areas

- Bioimaging
- Cancer and ageing
- Diabetes
- Biomedical genomics
- Food biotechnology
- Microbiology
- Pharmaceutical technology
- The Northern Ireland Centre for Food and Health (NICHE)
- Stem cell and epigenetics
- Systems biology and vision science
- Collaborations between groups or with centres of excellence outside the University are important features of the groups' activities and productive links currently extend to 25 countries

Address: School of Biomedical Sciences, University of Ulster, Cromore Road, Coleraine, Co. Londonderry, BT52 1SA

Telephone: (0)287 0324121

Fax: (0)287 0323023

Email: cs.downes@ulster.ac.uk

Website: www.science.ulster.ac.uk/biomed

265 University of Wales Institute Cardiff, School of Health Sciences (formerly Applied Sciences)

The School has a growing reputation for strategic and applied research in biomedical science, food science and environmental science.

Research areas

- Biomedical Science Enterprise and Research Centre (BSERC)
- Food Research and Consultancy Unit (FRCU)
- Centre for Health, Safety and Environment (CHSE)

Address: Cardiff School of Health Sciences UWIC, Llandaff Campus, Western Avenue, Cardiff, CF5 2YB

Telephone: (0)2920 416070

Website: www.uwic.ac.uk/sas

266 University of the West of England, Faculty of Applied Sciences

Research areas

- Centre for Research in Analytical, Materials and Sensor Science (CRAMSS): international recognition in sensor sciences, employing a multi-disciplinary approach to the research and applications of sensors for the agri-food, environmental and biomedical sectors
- Centre for Research in Plant Science (CRIPS) including: temperate and tropical forest research; downy mildews; molecular genetics of plant pathogenic bacteria; post-harvest spoilage
- Centre for Research in Environmental Science (CRES) including: biofuels; environmental change and water quality
- Genomics Research Institute

Address: Faculty of Applied Sciences, University of the West of England, Frenchay Campus, Coldharbour Lane, Bristol, BS16 1QY

Telephone: (0)1173 283285

Email: richard.luxton@uwe.ac.uk

Website: www.science.uwe.ac.uk/research

267 University of York, Centre for Ecology, Law and Policy (CELP)

CELP conducts interdisciplinary research on the environment. The aim is to integrate the disciplines of ecology, law and policy in order to reach a better understanding of how society and the environment interact.

Research areas

- Fire management in the Australian tropics
- Mapping plant species diversity
- Tanzanian law
- Bioclimatic modelling
- The ecology and management of Tanzanian forests

Address: CELP, Environment Department, University of York, York, YO10 5DD

Email: cjm8@york.ac.uk

Website: www.york.ac.uk/res/celp

268 University of York, Department of Biology

The Biology Department was founded in 1965 as an integrated and multidisciplinary unit.

Research areas

- Biochemistry and biophysics
- Bioinformatics and mathematics
- Developmental biology
- Ecology and evolution
- Infection and immunity
- Molecular and cellular medicine
- Molecular microbiology
- Plant biology

Address: Department of Biology, University of York, PO Box 373, York, YO10 5YW

Telephone: (0)1904 328500

Fax: (0)1904 328505

Email: biology@york.ac.uk

Website: www.york.ac.uk/depts/biol

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

269 Veterinary Laboratories Agency (VLA)

VLA is an Executive Agency of the Defra. VLA is a regional network of 16 veterinary laboratories, including one in Scotland, two in Wales, and a central facility near Weybridge in Surrey.

Additionally there are two surveillance centres at the Liverpool and London Veterinary Schools. VLA provides all sectors of the animal health industry with animal disease surveillance, diagnostic services and veterinary scientific research.

Research areas

- Animal welfare
- Bacterial diseases
- Endemic diseases
- Food safety
- Geographical Information System (GIS)
- International trade
- MED-VET-NET
- Radiochemistry
- Risk analysis
- Transmissible Spongiform Encephalopathies (TSE's)

Address: VLA, Woodham Lane, Addlestone, Surrey, KT15 3NB

Telephone: (0)1932 341111

Fax: (0)1932 347046

Email: enquiries@vla.defra.gsi.gov.uk

Website: www.defra.gov.uk/corporate/vla

270 University of Warwick, Warwick HRI

Warwick HRI was formed in April 2004 following the integration of Horticulture Research International's (HRI) sites at Wellesbourne and Kirton with The University of Warwick.

Warwick HRI, a devolved Department of The University of Warwick, is the principal UK organisation tasked with carrying out horticultural research and development and transferring the results to industry.

Research areas

- Horticulture and crop systems
- Environment and ecology
- Plant science
- Microbial sciences
- Mathematical biology, biometrics, genomics, bioinformatics

Address: Warwick HRI, Wellesbourne, Warwick, Warwickshire, CV35 9EF

Telephone: (0)2476 574455

Fax: (0)2476 574500

Website: www2.warwick.ac.uk/fac/sci/whri

271 Watton Produce Company

Watton Produce was established in 1947, growing and supplying top quality produce to consumers through a network of independent traders and supermarkets in the UK.

Products grown by Watton Produce are available at local markets or local high street supermarkets; Sainsbury's, Marks and Spencer, Boots, Asda and Tesco.

Address: Watton Produce Company,
Hargham Road, Shropham, Attleborough,
Norfolk, NR171DT
Telephone: (0)1953 498481
Fax: (0)1953 498709
Email: info@wattonproduce.co.uk
Website: www.wattonproduce.co.uk

272 Wellcome Trust, Sanger Institute

The Sanger Institute is a genome research institute primarily funded by the Wellcome Trust.

The Sanger Institute uses large-scale sequencing, informatics and analysis of genetic variation to further understanding of gene function in health and disease and to generate data and resources of lasting value to biomedical research.

Research areas

- Human genetics
- Model organism genetics
- Pathogen genetics
- Bioinformatics
- Sequencing

Address: Wellcome Trust Sanger Institute,
Wellcome Trust Genome Campus,
Hinxton, Cambridge, CB10 1SA, UK
Telephone: (0)1223 834244
Fax: (0)1223 494919
Website: www.sanger.ac.uk

273 West Ridge Veterinary Practice

Address: West Ridge Veterinary Practice,
31 Park Hill, Tiverton,
Devon, EX16 6RW
Telephone: (0)1884 860236

274 Westward Laboratories

Westward Laboratories was established in July 1992 following the Food Safety Act of 1990 which required food manufacturers to monitor their processes, practices and finished products. The company rapidly grew into one of the UK's premier independent food testing laboratories.

The team at Westward Laboratories includes qualified chemists and microbiologists, who conduct daily routine microbiological testing and chemical analysis on finished products; regular pathogen tests for evidence of *Salmonella*, *Listeria*, *E. coli* and other food poisoning organisms, as well as environmental monitoring.

Westward offers a bespoke consultative and support service to Samworth Brothers' manufacturing sites in the UK.

Address: Westward Laboratories,
Granite Way,
Callington,
Cornwall, PL17 7SB
Telephone: (0)1579 386219
Fax: (0)1579 383932
Email: admin@westwardlabs.co.uk
Website: www.samworthbrothers.co.uk

275 Wickham Laboratories

Founded in 1962, Wickham Laboratories Ltd is one of the UK's longest established independent contract analytical service providers. Wickham Laboratories is a contract testing and technical consultancy service providing support to the biotechnology, food, healthcare, medical device, pharmaceutical and veterinary industries.

Services

- Bioanalysis
- Food
- Microbiology
- Toxicology

Address: Wickham Laboratories Ltd,
Winchester Road,
Wickham, Fareham,
Hampshire, PO17 5EU
Telephone: (0)1329 832511
Fax: (0)1329 834262
Email: mail@wickhamlabs.co.uk
Website: www.wickhamlabs.co.uk

276 Wildlife Trusts

With a vision: 'an environment rich in wildlife for everyone' the Wildlife Trusts are the largest UK charity exclusively dedicated to conserving all UK habitats and species. They campaign for the protection of wildlife, manage more than 2,500 nature reserves spanning over 80,000 hectares and lobby for better protection of the UK's natural heritage.

Address: The Wildlife Trusts, The Kiln, Waterside,
Mather Road, Newark
Nottinghamshire, NG24 1WT
Telephone: (0)8700 367711
Fax: (0)8700 360101
Email: enquiry@wildlifetrusts.org
Website: www.wildlifetrusts.org
www.rswt.org

277 Wildlife Veterinary Investigation Centre

The Wildlife Veterinary Investigation Centre (VIC) has been set up with three main objectives:

- To investigate incidents of wildlife mortality, such as where numbers of animals are reported dead or dying
- To monitor the health status of wildlife, especially those species in decline or threatened
- To examine healthy specimens and build a database of normal values. These would include things like body weight, organ size, tissue trace element levels and blood counts.

Address: Cornwall Wildlife Trust, Five Acres, Allet,
Truro, Cornwall, TR4 9DJ
Telephone: (0)1872 273939
Fax: (0)1872 225476
Email: enquiry@wildlifetrusts.org
Website: www.cornwallwildlifetrust.org.uk

278 WRc

WRc plc is an innovative, research-based group, providing consultancy in the water, waste and environment sectors. WRc assists governments and regulatory bodies in creating soundly based regulation. It also helps organisations impacted by regulation (particularly water utilities, their suppliers, local authorities, agricultural and waste organisations) to optimise operational efficiency and minimise risk.

WRc has a strong research and development base and a proven track record of delivering quality-assured, innovative and technologically robust projects around the world.

Address: WRc plc Frankland Road, Blagrove,
Swindon, Wiltshire, SN5 8YF
Telephone: (0)1793 865000
Fax: (0)1793 865001
Email: solutions@wrcplc.co.uk
Website: www.wrcplc.co.uk

279 Wood Veterinary Group

Gloucester Laboratories is an integral part of the Wood Veterinary Group. The laboratory service is often used by pharmaceutical companies in trial work for the registration or development of new animal medicines.

Address: Wood Veterinary Group, 125 Bristol Road,
Quedgeley, Gloucester, GL2 4NB
Telephone: (0)1452 541663
Fax: (0)1793 865001
Email: gloslabs@mailbox.co.uk
Website: www.woodvet.co.uk

280 Writtle College

Research is a significant part of the work at Writtle College. The College aims to expose all undergraduate and postgraduate students to research and development to promote its importance in today's world.

The overall objective of research at Writtle College is to provide the skilled staff and quality of information required by the land-based industries, to allow them to develop and compete in today's technological business environment.

Research areas

- Crop physiology and production
- Post-harvest technology
- Animal science, production and management
- Landscape management and garden design
- Business and leisure management
- Countryside management

Address: Writtle College, Chelmsford,
Essex, CM1 3RR
Telephone: (0)1245 424200
Fax: (0)1245 420456
Email: info@writtle.ac.uk
Website: www.writtle.ac.uk



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Section 2 UK Agri-Food Science Mapping

The science mapping section provides a hierarchical listing of subjects by Sector, Sub-Sector and Topic followed by the top ten leading institutions prioritised by the number of published papers from January 2006 – September 2008 capturing the most recently published research performed by UK institutions. The science mapping profiles have been produced using the CAB Abstracts database (www.cabi.org) which provides comprehensive coverage of research outputs from over 150 different countries and in over 50 different languages.

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Soil science		Microbial science	Total	678
			Macaulay Institute	31
			University of Aberdeen, School of Biological Sciences	31
			Lancaster Environment Centre, Centre for Ecology and Hydrology	29
			John Innes Centre	22
			Bangor University, School of the Environment and Natural Resources	21
			Scottish Crop Research Institute	19
			University of Cardiff, School of Biosciences	15
			Rothamsted Research	14
			University of Warwick, HRI	13
University of Sheffield, Department of Animal and Plant Sciences	11			
Soil science		Fertilisers	Total	303
			Rothamsted Research	24
			Institute of Grassland and Environmental Research	12
			ADAS Gleadthorpe	11
			University of Warwick, HRI	9
			ADAS Boxworth	7
			Agri-Food and Biosciences Institute	7
			University of Aberdeen, School of Biological Sciences	7
			Imperial College London	6
			University of Newcastle, Nafferton Ecological Farming Group	6
Macaulay Institute	5			
Soil science		Irrigation	Total	145
			University of Aberdeen, King's College	13
			University of East Anglia, School of Development Studies	8
			University of Cranfield, Centre for Water Science	5
			University of Lancaster, Centre for Sustainable Water Management	4
			Imperial College London, Department of Civil and Environmental Engineering	3
			University of Edinburgh, Institute for Infrastructure and Environment	3
			ADAS Gleadthorpe	2
			University of Cranfield, Institute of Water and Environment	2
			University of Birmingham, School of Geography, Earth and Environmental Sciences	2
University of Loughborough, Water, Engineering and Development Centre	2			
Soil science		Ecochemistry / soil chemistry	Total	16
			University of Stirling, School of Biological and Environmental Sciences	2
			Kingston University, Centre for Earth and Environmental Sciences Research	1
			Centre for Ecology and Hydrology, Hill of Brathens	1
			University of Cranfield, Cranfield Centre for EcoChemistry	1
			Central Science Laboratory, York	1
			Macaulay Institute	1
			University of Aberdeen, School of Biological Sciences	1
			University of Plymouth, School of Earth	1
			University of Wales, School of Environment and Natural Resources	1
University of York, Stockholm Environment Institute-York	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Cereals	Crop science / crop production	Total	143
			Rothamsted Research	24
			University of Nottingham, School of Biosciences	8
			University of Reading, School of Agriculture	6
			University of Newcastle, Nafferton Ecological Farming Group	6
			Queen's University Belfast	5
			ADAS Boxworth	4
			Harper Adams University College	4
			National Institute of Agricultural Botany	4
			Scottish Agricultural College, Craibstone Estate	4
Scottish Agricultural College	4			
Crops	Cereals	Genetics / plant breeding	Total	192
			Rothamsted Research	23
			John Innes Centre	21
			Scottish Crop Research Institute	13
			National Institute of Agricultural Botany	10
			University of Reading	8
			ADAS Boxworth	4
			University of Oxford, Department of Plant Sciences	4
			University of Manchester, Faculty of Life Sciences	4
			University of Wales Aberystwyth, Institute of Biological Sciences	4
Central Science Laboratory, York	3			
Crops	Cereals	Seed science	Total	58
			Rothamsted Research	11
			University of Reading, School of Agriculture	5
			University of Oxford, Department of Plant Sciences	4
			Scottish Crop Research Institute	4
			ADAS Boxworth	3
			Central Science Laboratory, York	3
			University of Wales, Centre for Arid Zone Studies	3
			University of Aberdeen, School of Biological Sciences	3
			University of Sheffield, Department of Animal and Plant Sciences	2
University of Manchester, Satake Centre for Grain Process Engineering	1			
Crops	Cereals	Agbiotech	Total	135
			Rothamsted Research	22
			John Innes Centre	14
			Scottish Crop Research Institute	12
			National Institute of Agricultural Botany	7
			University of Oxford, Department of Plant Sciences	4
			University of Wales Aberystwyth, Institute of Biological Sciences	4
			University of Manchester, Satake Centre for Grain Process Engineering	4
			University of Manchester, Faculty of Life Sciences	3
			Central Science Laboratory, York	2
Syngenta, Jealott's Hill International Research Centre	2			
Crops	Cereals	Crop protection	Total	144
			Rothamsted Research	17
			John Innes Centre	9
			Central Science Laboratory, York	7
			Scottish Crop Research Institute	7
			The Arable Group	7
			University of Newcastle, Nafferton Ecological Farming Group	4
			National Institute of Agricultural Botany	4
			Silsoe Research Institute	4
			Harper Adams University College	3
University of Greenwich, Natural Resources Institute	2			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Cereals	Irrigation technologies	Total	5
			Rothamsted Research	2
			British Geological Survey	1
			Agri-Food and Biosciences Institute, Applied Plant Science Division	1
			University of Wales, Henfaes Research Centre	1
Crops	Cereals	Organic agriculture	Total	63
			University of Newcastle, Nafferton Ecological Farming Group	7
			University of Nottingham, School of Biosciences	5
			Rothamsted Research	5
			Elm Farm Research Centre	3
			University of Cranfield, National Soil Resources Institute	3
			Scottish Agricultural College	3
			Agri-Food and Biosciences Institute	2
			CABI Europe	2
			Royal Agricultural College	1
Scottish Agricultural College, Craibstone Estate	1			
Crops	Cereals	Plant physiology	Total	150
			Rothamsted Research	20
			University of Reading, School of Agriculture	8
			University of Nottingham, School of Biosciences	8
			John Innes Centre	5
			University of Aberdeen, School of Biological Sciences	5
			Scottish Crop Research Institute	5
			University of Lancaster, Department of Biological Sciences	4
			University of Manchester, Faculty of Life Sciences	4
			National Institute of Agricultural Botany	4
Scottish Agricultural College, Craibstone Estate	4			
Crops	Cereals	Soil science	Total	111
			Rothamsted Research	23
			University of Nottingham, School of Biosciences	8
			Scottish Crop Research Institute	8
			University of Reading, Department of Soil Science	5
			University of Newcastle, Nafferton Ecological Farming Group	4
			University of Wales, School of Agricultural and Forest Sciences	4
			ADAS Boxworth	3
			Imperial College London	3
			Scottish Agricultural College	3
University of Cranfield, National Soil Resources Institute	2			
Crops	Cereals	Alternative crop use	Total	17
			University of Manchester, Satake Centre for Grain Process Engineering	4
			ADAS Boxworth	2
			Home Grown Cereals Authority	2
			ADAS UK	1
			Broom's Barn Research Station	1
			University of Leeds, Energy and Resources Research Institute	1
			Leatherhead Food International	1
			Rothamsted Research	1
			Rural Energy Trust Ltd	1
University of Southampton, School of Civil Engineering and The Environment	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Root crops	Crop science / crop production	Total	51
			Broom's Barn Research Station	11
			British Sugar plc	5
			Rothamsted Research	5
			Ashfield Green Farm	2
			University of Newcastle, Nafferton Ecological Farming Group	2
			University of Warwick, HRI	2
			ADAS Terrington	1
			Harper Adams University College	1
			National Institute of Agricultural Botany	1
University of East Anglia, School of Environmental Sciences	1			
Crops	Root crops	Genetics / plant breeding	Total	56
			Scottish Crop Research Institute	13
			Broom's Barn Research Station	9
			John Innes Centre	3
			University of Greenwich, Natural Resources Institute	2
			De Montfort University, Norman Borlaug Institute for Plant Science Research	2
			Rothamsted Research	2
			British Sugar plc	1
			Institute of Food Research	1
			Long Ashton Research Station	1
			National Institute of Agricultural Botany	1
Crops	Root crops	Seed science	Total	8
			British Sugar plc	2
			Ashfield Green Farm	1
			University of Lancaster, Department of Biological Sciences	1
			Lancaster Environment Centre, Centre for Ecology and Hydrology	1
			University of Warwick, HRI	1
			Scottish Crop Research Institute	1
			University of Reading, School of Agriculture	1
Crops	Root crops	Agbiotech	Total	41
			Scottish Crop Research Institute	10
			Broom's Barn Research Station	3
			Rothamsted Research	3
			Aberystwyth University, Institute of Biological Sciences	2
			De Montfort University, Norman Borlaug Institute for Plant Science Research	2
			Institute of Food Research	1
			John Innes Centre	1
			University of East Anglia, School of Biological Sciences	1
			Scottish Agricultural Science Agency	1
			University of Warwick, HRI	1
Crops	Root crops	Crop protection	Total	68
			Broom's Barn Research Station	14
			Scottish Crop Research Institute	7
			Rothamsted Research	6
			Central Science Laboratory, York	3
			John Innes Centre	3
			National Institute of Agricultural Botany	3
			University of Warwick, HRI	3
			ADAS UK	2
			Ashfield Green Farm	2
British Potato Council	1			
Crops	Root crops	Protected cultivation (under glass, etc)	Total	1
			Harper Adams University College	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Root crops	Irrigation technologies	Total	7
			University of Wales, Centre for Arid Zone Studies	2
			Ashfield Green Farm	1
			Broom's Barn Research Station	1
			Cambridge University Farm	1
			University of Cranfield, Centre for Water Science	1
			Harper Adams University College	1
Crops	Root crops	Organic agriculture	Total	25
			University of Newcastle, Nafferton Ecological Farming Group	2
			Rothamsted Research	2
			University of Newcastle, School of Agriculture	2
			Scottish Agricultural College, Craibstone Estate	2
			ADAS Terrington	1
			Broom's Barn Research Station	1
			Harper Adams University College	1
			HDRA, Ryton Organic Gardens	1
North Wyke Research Station, Manures and Farm Resources Team	1			
University of East Anglia, School of Environmental Sciences	1			
Crops	Root crops	Plant physiology	Total	43
			Scottish Crop Research Institute	6
			Broom's Barn Research Station	3
			Rothamsted Research	3
			British Sugar plc	2
			University of York, Department of Biology	2
			University of Oxford, Department of Plant Sciences	2
			University of East Anglia, School of Biological Sciences	2
			Central Science Laboratory, York	1
			University of Cambridge, Department of Plant Sciences	1
John Innes Centre	1			
Crops	Root crops	Soil science	Total	34
			Broom's Barn Research Station	4
			British Sugar plc	3
			Centre for Ecology and Hydrology, Oxford	3
			University of Warwick, HRI	3
			ADAS Gleadthorpe	1
			ADAS Terrington	1
			University of Cranfield, Centre for Water Science	1
			University of Lancaster, Department of Biological Sciences	1
			University of East Anglia, School of Environmental Sciences	1
			Scottish Agricultural College, Craibstone Estate	1
Crops	Root crops	Alternative crop use	Total	2
			Broom's Barn Research Station	1
			Rothamsted Research	1
Crops	Horticultural crops	Crop science / crop production	Total	48
			University of Warwick, HRI	6
			University of Reading, Centre for Horticulture and Landscape	5
			University of Nottingham, School of Biosciences	5
			University of Newcastle, Nafferton Ecological Farming Group	4
			Central Science Laboratory, York	3
			University of Cranfield, National Soil Resources Institute	3
			University of Greenwich, Natural Resources Institute	2
			University of Wales, School of Agricultural and Forest Sciences	2
			ADAS Terrington	1
			Allium and Brassica Centre Ltd	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Horticultural crops	Genetics / plant breeding	Total	76
			University of Nottingham, School of Biosciences	12
			University of Warwick, HRI	10
			John Innes Centre	8
			University of London, Royal Holloway, School of Biological Sciences	4
			Imperial College London	3
			University of Newcastle, Nafferton Ecological Farming Group	3
			University of Cranfield, Plant Science Laboratory	3
			University of Southampton, School of Biological Sciences	3
			University of Dundee at Scottish Crop Research Institute, Plant Research Unit	2
University of East Anglia, School of Biological Sciences	2			
Crops	Horticultural crops	Seed science	Total	18
			University of Nottingham, School of Biosciences	3
			University of Warwick, HRI	3
			University of Leeds, Centre for Plant Science	2
			ADAS High Mowthorpe	1
			University of Reading, School of Agriculture	1
			University of Newcastle, Institute for Research on the Environment and Sustainability	1
			University of Sheffield, Robert Hill Institute	1
			University of Aberdeen, School of Biological Sciences	1
			University of Wales, School of Environment and Natural Resources	1
Royal Botanic Garden, Kew, Seed Conservation Department	1			
Crops	Horticultural crops	Agbiotech	Total	55
			University of Nottingham, School of Biosciences	9
			John Innes Centre	8
			University of Warwick, HRI	8
			University of London, Royal Holloway, School of Biological Sciences	4
			Imperial College London	3
			University of Dundee at Scottish Crop Research Institute, Plant Research Unit	2
			Royal Botanic Garden, Kew, Seed Conservation Department	2
			University of East Anglia, School of Biological Sciences	2
			University of Southampton, School of Biological Sciences	2
Central Science Laboratory, York	1			
Crops	Horticultural crops	Crop protection	Total	82
			University of Warwick, HRI	10
			Central Science Laboratory, York	6
			John Innes Centre	6
			University of Reading, School of Agriculture	5
			University of Newcastle, Nafferton Ecological Farming Group	5
			Rothamsted Research	5
			Scottish Agricultural College	4
			Imperial College London	3
			University of Wales, Institute of Rural Sciences	3
Imperial College London, Silwood Park Campus	2			
Crops	Horticultural crops	Protected cultivation (under glass, etc)	Total	5
			University of Newcastle, Nafferton Ecological Farming Group	2
			Central Science Laboratory, York	1
			RJC Ltd	1
			University of Reading, School of Biological Sciences	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Horticultural crops	Irrigation technologies	Total	7
			Lancaster Environment Centre, Centre for Ecology and Hydrology	3
			University of Wales, Centre for Arid Zone Studies	1
			University of Cranfield, Centre for Water Science	1
			University of Stirling, Department of Economics	1
			University of Leeds, School of Civil Engineering	1
Crops	Horticultural crops	Organic agriculture	Total	60
			University of Warwick, HRI	7
			University of Nottingham, School of Biosciences	6
			University of Newcastle, Nafferton Ecological Farming Group	5
			Central Science Laboratory, York	3
			University of Reading, School of Agriculture	3
			Rothamsted Research	3
			Agri-Food and Biosciences Institute, Applied Plant Science Division	2
			HDRA, Ryton Organic Gardens	2
			University of Cranfield, National Soil Resources Institute	1
University of Greenwich, Natural Resources Institute	1			
Crops	Horticultural crops	Plant physiology	Total	109
			University of Nottingham, School of Biosciences	11
			University of Warwick, HRI	8
			Lancaster Environment Centre	7
			John Innes Centre	5
			University of Cranfield, Plant Science Laboratory	5
			University of London, Royal Holloway, School of Biological Sciences	5
			University of Essex, Department of Biological Sciences	4
			Imperial College London	4
			University of Wolverhampton, School of Applied Sciences	3
University of Southampton, School of Biological Sciences	3			
Crops	Horticultural crops	Soil science	Total	51
			University of Warwick, HRI	7
			Rothamsted Research	4
			John Innes Centre	3
			University of Newcastle, Nafferton Ecological Farming Group	3
			Institute of Grassland and Environmental Research	2
			University of Reading, School of Biological Sciences	2
			University of Nottingham, School of Biosciences	2
			ADAS Terrington	1
			University of Nottingham, Centre for Crop Nitrogen Fixation	1
University of Cranfield, National Soil Resources Institute	1			
Crops	Horticultural crops	Alternative crop use	Total	1
			University of Liverpool, School of Biomolecular Sciences	1
Crops	Fruit crops	Crop science / crop production	Total	16
			East Malling Research	3
			University of Hertfordshire, Agriculture and Environment Research Unit	1
			Bulrush Horticulture Ltd	1
			Centre for Ecology and Hydrology, Bangor	1
			University of Reading, Centre for Horticulture and Landscape	1
			HDRA, Ryton Organic Gardens	1
			Northern Ireland Horticulture and Plant Breeding Station	1
			University of Nottingham, School of Biosciences	1
			Scottish Crop Research Institute	1
Syngenta, Jealott's Hill International Research Centre	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Fruit crops	Genetics / plant breeding	Total	46
			East Malling Research	25
			Scottish Crop Research Institute	9
			Institute of Food Research	2
			Forest Research, Alice Holt Lodge	1
			Forest Research, Northern Research Station	1
			University of Wales, Institute of Rural Sciences	1
			Northern Ireland Horticulture and Plant Breeding Station	1
			University of Reading, School of Biological Sciences	1
			University of Sussex, School of Life Sciences	1
University of Warwick, HRI	1			
Crops	Fruit crops	Seed science	Total	5
			Avon Vegetation Research Ltd	1
			Central Science Laboratory, York	1
			University of Oxford, Department of Plant Sciences	1
			East Malling Research	1
University of Oxford, Oxford Forestry Institute	1			
Crops	Fruit crops	Agbiotech	Total	29
			East Malling Research	17
			Scottish Crop Research Institute	6
			University of Cranfield, Applied Mycology Group, Institute of BioScience and Technology	2
			Institute of Food Research	1
			University of Wales, Institute of Rural Sciences	1
University of Abertay Dundee, Plant Conservation Group	1			
Crops	Fruit crops	Crop protection	Total	58
			East Malling Research	25
			Central Science Laboratory, York	5
			Scottish Crop Research Institute	5
			Forest Research, Alice Holt Lodge	4
			Avon Vegetation Research Limited	3
			University of Reading, School of Biological Sciences	2
			University of Southampton, School of Biological Sciences	2
			University of Nottingham, School of Biology	2
			Silsoe Research Institute	2
CABI Europe	1			
Crops	Fruit crops	Protected cultivation (under glass, etc)	Total	6
			Scottish Crop Research Institute	3
			University of Hertfordshire, Agriculture and Environment Research Unit	1
			University of Reading, Centre for Horticulture and Landscape	1
			East Malling Research	1
Crops	Fruit crops	Irrigation technologies	Total	1
			East Malling Research	1
Crops	Fruit crops	Organic agriculture	Total	24
			East Malling Research	12
			University of Reading, School of Biological Sciences	2
			Scottish Crop Research Institute	2
			CABI Europe	1
			Central Science Laboratory, York	1
			University of Reading, School of Agriculture	1
			HDRA, Ryton Organic Gardens	1
			University of Southampton, School of Biological Sciences	1
			Silsoe Research Institute	1
Syngenta, Jealott's Hill International Research Centre	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Fruit crops	Plant physiology	Total	32
			East Malling Research	8
			Forest Research, Alice Holt Lodge	3
			Institute of Food Research	3
			Central Science Laboratory, York	2
			Scottish Crop Research Institute	2
			Macaulay Institute	1
			University of Dundee at Scottish Crop Research Institute, Plant Research Unit	1
			University of Cranfield, Plant Science Laboratory	1
			University of Reading, School of Biological Sciences	1
University of Southampton, School of Biological Sciences	1			
Crops	Fruit crops	Soil science	Total	6
			Bulrush Horticulture Ltd	1
			East Malling Research	1
			Forest Research, Alice Holt Lodge	1
			University of Cranfield, Natural Resources Management Institute	1
University of Reading, School of Biological Sciences	1			
Crops	Fruit crops	Alternative crop use	Total	2
			London South Bank University, Faculty of Health and Social Care,	1
Crops	Non-food crops	Crop science / crop production	Total	62
			Royal Botanic Garden, Kew, Seed Conservation Department	7
			Rothamsted Research	5
			The Sports Turf Research Institute	3
			Central Science Laboratory, York	2
			University of Reading, School of Agriculture	2
			University of Nottingham, School of Biosciences	2
			University of Wales, School of Environment and Natural Resources	2
			The Arable Group	2
			University of Reading, Centre for Horticulture and Landscape	1
Queen's University Belfast	1			
Crops	Non-food crops	Genetics / plant breeding	Total	130
			Rothamsted Research	16
			University of Reading, School of Biological Sciences	9
			John Innes Centre	8
			Royal Botanic Garden, Edinburgh	5
			Royal Botanic Garden, Kew, Seed Conservation Department	5
			University of Nottingham, School of Biosciences	5
			Department of Botany, The Natural History Museum	4
			RHS Garden Wisley	4
			University of Cambridge, Department of Plant Sciences	3
University of Sussex, School of Life Sciences	3			
Crops	Non-food crops	Seed science	Total	27
			Royal Botanic Garden, Kew, Seed Conservation Department	4
			University of Greenwich, Natural Resources Institute	3
			University of Aberdeen, School of Biological Sciences	3
			Centre for Ecology and Hydrology, Dorset, Winfrith Technology Centre	2
			Scottish Crop Research Institute	2
			Central Science Laboratory, York	1
			John Innes Centre	1
			Royal Botanic Garden, Edinburgh	1
			University of Nottingham, School of Biosciences	1
University of Wales, School of Environment and Natural Resources	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Non-food crops	Agbiotech	Total	93
			John Innes Centre	6
			University of Reading, School of Biological Sciences	6
			Rothamsted Research	5
			Royal Botanic Garden, Edinburgh	5
			University of Nottingham, School of Biosciences	4
			Royal Botanic Garden, Kew, Seed Conservation Department	3
			University of Sussex, School of Life Sciences	3
			Central Science Laboratory, York	2
			University of Leeds, Centre for Plant Sciences	2
University of Oxford, Department of Plant Sciences	2			
Crops	Non-food crops	Crop protection	Total	120
			Rothamsted Research	32
			ADAS Boxworth	5
			Central Science Laboratory, York	5
			University of Aberdeen, School of Biological Sciences	4
			East Malling Research	3
			University of East London, School of Health and Bioscience	3
			University of Nottingham, School of Biology	2
			The Sports Turf Research Institute	2
			Pesticides Safety Directorate	1
			Syngenta Bioline Ltd	1
Crops	Non-food crops	Protected cultivation (under glass, etc)	Total	2
			ADAS Boxworth	1
			University of Reading, Centre for Horticulture and Landscape	1
Crops	Non-food crops	Irrigation technologies	Total	8
			The Sports Turf Research Institute	2
			University of Cranfield, Cranfield Centre for Sports Surfaces	1
			Lancaster Environment Centre	1
			University of Central Lancashire, National School of Forestry	1
			University of Reading, School of Biological Sciences	1
			University of Wales, School of Environment and Natural Resources	1
			Shelton Sportsturf Drainage Solutions	1
Crops	Non-food crops	Organic agriculture	Total	39
			Rothamsted Research	10
			Central Science Laboratory, York	4
			University of Greenwich, Natural Resources Institute	2
			The Sports Turf Research Institute	2
			University of Newcastle, Institute for Research on Environment and Sustainability	1
			HDRA, Ryton Organic Gardens	1
			University of Reading, School of Biological Sciences	1
			University of Nottingham, School of Biosciences	1
			University of Wales, School of Environment and Natural Resources	1
			Syngenta Bioline Ltd	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Non-food crops	Plant physiology	Total	186
			Royal Botanic Garden, Kew, Seed Conservation Department	28
			University of London, Centre for Pharmacognosy and Phytotherapy	6
			Royal Botanic Garden, Edinburgh	6
			University of Nottingham, School of Biosciences	6
			University of Cambridge, Department of Plant Sciences	4
			John Innes Centre	4
			RHS Garden Wisley	4
			University of Reading, RA Bartlett Tree Research Laboratory	3
			Rothamsted Research	3
Royal Botanic Garden, Kew, Seed Conservation Department	3			
Crops	Non-food crops	Soil science	Total	36
			University of Cranfield, Cranfield Centre for Sports Surfaces	5
			The Sports Turf Research Institute	5
			The Arable Group	3
			ADAS Boxworth	1
			ADAS High Mowthorpe	1
			Central Science Laboratory, York	1
			University of Nottingham, Centre for Crop Nitrogen Fixation	1
			University of Reading, Department of Soil Science	1
			University of the West of England, Faculty of Applied Sciences	1
			University of Aberdeen, School of Biological Sciences	1
Crops	Non-food crops	Alternative crop use	Total	9
			London Metropolitan University, Department of Health and Human Sciences	2
			ADAS UK	1
			London South Bank University, Faculty of Health and Social Care	1
			Rothamsted Research	1
			Rural Energy Trust Ltd	1
			University of Aberdeen, School of Biological Sciences	1
			University of Manchester, School of Chemical Engineering and Analytical Science	1
			University of Bradford, School of Pharmacy	1
Crops	Animal feed / grasslands	Crop science / crop production	Total	86
			Institute of Grassland and Environmental Research, Plas Gogerddan	9
			Institute of Grassland and Environmental Research, North Wyke	4
			Scottish Agricultural College	4
			Royal Agricultural College	3
			University of Reading, School of Agriculture	3
			ADAS Boxworth	2
			ADAS Redesdale	2
			Agri-Food and Biosciences Institute, Hillsborough	2
			Agri-Food and Biosciences Institute, Plant Testing Station	2
			Harper Adams University College	2
Crops	Animal feed / grasslands	Genetics / plant breeding	Total	63
			Institute of Grassland and Environmental Research, Plas Gogerddan	29
			John Innes Centre	10
			Institute of Grassland and Environmental Research, North Wyke	4
			University of Oxford, Department of Plant Sciences	2
			Agri-Food and Biosciences Institute, Plant Testing Station	1
			Central Science Laboratory, York	1
			University of Sheffield, Department of Animal and Plant Sciences	1
			University of Edinburgh, Institute of Molecular Plant Sciences	1
			University of Reading, School of Agriculture	1
			University of Nottingham, School of Biosciences	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Animal feed / grasslands	Seed science	Total	38
			University of Reading, School of Agriculture	8
			University of Liverpool, Applied Vegetation Dynamics Laboratory	4
			Institute of Grassland and Environmental Research, Plas Gogerddan	3
			University of Sheffield, Department of Animal and Plant Sciences	2
			Bournemouth University, Centre for Conservation Ecology and Environmental Change	1
			Centre for Ecology and Hydrology	1
			Open University, Ecology and Evolution Research Group	1
			Harper Adams University College	1
			Macaulay Institute	1
Scotia Seeds	1			
Crops	Animal feed / grasslands	Agbiotech	Total	40
			Institute of Grassland and Environmental Research, Plas Gogerddan	18
			John Innes Centre	7
			Food Standards Agency, Animal Feed Unit	1
			Central Science Laboratory, York	1
			University of Sheffield, Department of Animal and Plant Sciences	1
			University of Oxford, Department of Plant Sciences	1
			Institute of Grassland and Environmental Research, North Wyke	1
			Institute of Science in Society	1
			University of Reading, School of Agriculture	1
			University of Nottingham, School of Biosciences	1
Crops	Animal feed / grasslands	Crop protection	Total	53
			Institute of Grassland and Environmental Research, Plas Gogerddan	5
			University of Liverpool, Applied Vegetation Dynamics Laboratory	4
			Rothamsted Research	3
			University of Greenwich, School of Science	3
			Central Science Laboratory, York	2
			University of Reading, School of Agriculture	2
			University of Sussex, School of Life Sciences	2
			Scottish Agricultural College	2
			Institute of Grassland and Environmental Research, North Wyke	1
Heriot-Watt University, School of Life Sciences	1			
Crops	Animal feed / grasslands	Irrigation technologies	Total	22
			University of East Anglia, School of Development Studies	3
			Harnham Water Meadows Trust	2
			Agri-Food and Biosciences Institute, Applied Plant Science Division	1
			Centre for Ecology and Hydrology, Hill of Brathens	1
			Centre for Ecology and Hydrology, Monks Wood	1
			University of Cranfield, Centre for Water Science	1
			Institute of Grassland and Environmental Research, North Wyke	1
			Macaulay Institute	1
			University of Reading, School of Agriculture	1
Queen's University Belfast	1			
Crops	Animal feed / grasslands	Organic agriculture	Total	61
			Scottish Agricultural College	6
			Institute of Grassland and Environmental Research, Plas Gogerddan	5
			ADAS Boxworth	3
			University of Liverpool, Applied Vegetation Dynamics Laboratory	3
			Institute of Grassland and Environmental Research, North Wyke	3
			University of Newcastle, Nafferton Ecological Farming Group	3
			Rothamsted Research	3
			University of Greenwich, School of Science	3
			University of Cranfield, National Soil Resources Institute	2
Scottish Agricultural College, Craibstone Estate	2			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Crops	Animal feed / grasslands	Plant physiology	Total	134
			Institute of Grassland and Environmental Research, Plas Gogerddan	16
			John Innes Centre	10
			University of Sheffield, Department of Animal and Plant Sciences	6
			University of Lancaster, Department of Environmental Sciences	6
			Macaulay Institute	5
			University of York, Department of Biology	4
			Rothamsted Research	4
			Scottish Agricultural College	4
			University of Durham, Institute of Ecosystem Science	3
University of Southampton, School of Biological Sciences	3			
Crops	Animal feed / grasslands	Soil science	Total	283
			Institute of Grassland and Environmental Research, North Wyke	20
			Macaulay Institute	18
			University of Lancaster, Department of Environmental Sciences	15
			John Innes Centre	9
			Rothamsted Research	8
			University of Stirling, School of Biological and Environmental Sciences	8
			Centre for Ecology and Hydrology, Monks Wood	7
			University of Cranfield, National Soil Resources Institute	6
			University of Wales, School of Agricultural and Forest Sciences	5
University of Wales, School of Environment and Natural Resources	5			
Crops	Animal feed / grasslands	Alternative crop use	Total	5
			Rothamsted Research	2
			ADAS UK Ltd	1
			Aston University, Bio-Energy Research Group, Chemical Engineering and Applied Chemistry	1
			Sheffield Hallam University, Tourism and Environmental Change Research Unit	1
Animals	Beef cattle	Livestock management / production	Total	5
			University of Cardiff, School of City and Regional Planning	1
			University of Wales, Institute of Rural Sciences	1
			University of Cranfield, School of Applied Sciences	1
			University of East Anglia, School of Environmental Sciences	1
Scottish Agricultural College	1			
Animals	Beef cattle	Veterinary / health / welfare / diseases	Total	45
			University of Bristol, Faculty of Medical and Veterinary Sciences	3
			University of London, Royal Veterinary College	2
			Scottish Agricultural College	2
			University of Reading, School of Agriculture	2
			Scottish Agricultural College, Craibstone Estate	2
			University of Glasgow, Faculty of Veterinary Medicine	2
			University of Edinburgh, Centre for Tropical Veterinary Medicine	1
			Institute for Animal Health	1
			Veterinary Laboratories Agency - Penrith	1
Veterinary Laboratories Agency - Shrewsbury	1			
Animals	Beef cattle	Nutrition	Total	22
			Agricultural Research Institute of Northern Ireland	9
			Institute of Grassland and Environmental Research, Plas Gogerddan	3
			University of Reading, School of Agriculture	2
			University of Bristol, Faculty of Medical and Veterinary Sciences	2
			ADAS Redesdale	1
			University of Reading, Department of Food Biosciences	1
			University of Newcastle, Nafferton Ecological Farming Group	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animals	Beef cattle	Genetics / breeding	Total	11
			University of Bristol, Faculty of Medical and Veterinary Sciences	2
			ADAS Redesdale	1
			Bishopton Veterinary Group	1
			Roslin Institute, Edinburgh	1
			University of Nottingham, School of Biosciences	1
			Scottish Agricultural College	1
			Scottish Agricultural College, Bush Estate	1
			University of Glasgow, Faculty of Veterinary Medicine	1
			Scottish Agricultural College, Veterinary Services	1
Animals	Beef cattle	Animal physiology	Total	1
			University of Aberdeen, School of Biological Sciences	1
Animals	Dairy cattle	Livestock management / production	Total	7
			Agricultural Research Institute of Northern Ireland	2
			University of Liverpool, Faculty of Veterinary Science	1
			University of Reading, School of Agriculture	1
			University of Nottingham, School of Veterinary Medicine and Science	1
			Shepton Veterinary Group	1
			University of Glasgow, Faculty of Veterinary Medicine	1
Animals	Dairy cattle	Veterinary / health / welfare / diseases	Total	155
			University of Bristol, Faculty of Medical and Veterinary Sciences	13
			University of London, Royal Veterinary College	11
			University of Glasgow, Faculty of Veterinary Medicine	11
			University of Nottingham, School of Veterinary Medicine and Science	7
			University of Warwick, Ecology and Epidemiology Group	6
			University of London, Royal Veterinary College	5
			University of Reading, School of Agriculture	4
			Shepton Veterinary Group	4
			Institute for Animal Health	2
Scottish Agricultural College, Veterinary Services	2			
Animals	Dairy cattle	Nutrition	Total	70
			Agricultural Research Institute of Northern Ireland	11
			University of Reading, School of Agriculture	7
			Institute of Grassland and Environmental Research, Plas Gogerddan	5
			University of Nottingham, School of Biosciences	5
			Moulton College	3
			Alltech Ltd	2
			University of Edinburgh, Easter Bush Veterinary Centre	2
			Institute of Grassland and Environmental Research	2
			University of London, Royal Veterinary College	2
Scottish Agricultural College, Dairy Research Centre	2			
Animals	Dairy cattle	Genetics / breeding	Total	89
			University of London, Royal Veterinary College	15
			University of Nottingham, School of Biosciences	10
			Scottish Agricultural College, Bush Estate	8
			University of Liverpool, Faculty of Veterinary Science	4
			MDC Breeding+, Milk Development Council	4
			Roslin Institute, Edinburgh	4
			University of Glasgow, Faculty of Veterinary Medicine	4
			Agricultural Research Institute of Northern Ireland	3
			Genus Breeding Ltd	3
			Wood Veterinary Group	3

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animals	Dairy cattle	Animal physiology	Total	38
			University of London, Royal Veterinary College, North Mymms	5
			University of London, Royal Veterinary College, London	3
			University of Nottingham, School of Biosciences	3
			Agricultural Research Institute of Northern Ireland	2
			Scottish Agricultural College, Bush Estate	2
			University of Glasgow, Faculty of Veterinary Medicine	2
			Hannah Research Institute	1
			Rowett Research Institute	1
			University of Edinburgh, The Royal (Dick) School of Veterinary Studies Veterinary Laboratories Agency	1
Animals	Pigs	Livestock management / production	Total	11
			ADAS Gleadthorpe	1
			Bartridge Partners	1
			University of Edinburgh, College of Science and Engineering	1
			Compassion in World Farming	1
			University of Lancaster, Engineering Department	1
			Responsible Use of Medicines in Agriculture Alliance (RUMA)	1
			University of Newcastle, School of Agriculture	1
			University of East Anglia, School of Environmental Sciences	1
			Scottish Agricultural College, Bush Estate	1
			The George Veterinary Group	1
Animals	Pigs	Veterinary / health / welfare / diseases	Total	202
			Scottish Agricultural College	16
			Institute for Animal Health	12
			Veterinary Laboratories Agency	12
			University of Newcastle, School of Agriculture	9
			Agri-food and Biosciences Institute, Veterinary Sciences Division	8
			University of Warwick, Ecology and Epidemiology Group	8
			University of Bristol, Faculty of Medical and Veterinary Sciences	8
			Haven Veterinary Group	5
			Institute for Animal Health	4
Scottish Agricultural College, Bush Estate	4			
Animals	Pigs	Nutrition	Total	89
			Scottish Agricultural College, Edinburgh	17
			University of Nottingham, School of Biosciences	6
			University of Newcastle, School of Agriculture	5
			Agricultural Research Institute of Northern Ireland	4
			SCA NuTec	4
			Close Consultancy	3
			Scottish Agricultural College, Aberdeen	3
			Meat and Livestock Commission	2
			Premier Nutrition Products Ltd	2
Roslin Institute, Edinburgh	2			
Animals	Pigs	Genetics / breeding	Total	90
			Roslin Institute, Edinburgh	8
			University of Nottingham, School of Biosciences	7
			Scottish Agricultural College	5
			University of London, Royal Veterinary College	4
			University of Bristol, Faculty of Medical and Veterinary Sciences	4
			Close Consultancy	3
			Haven Veterinary Group	3
			Veterinary Laboratories Agency	3
			JSR Genetics Ltd	2
Rowett Research Institute	2			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animals	Pigs	Animal physiology	Total	67
			University of Bristol, Faculty of Medical and Veterinary Sciences	10
			Scottish Agricultural College	9
			Institute for Animal Health, Pirbright	7
			Roslin Institute, Edinburgh	4
			Institute for Animal Health, Compton	3
			University of London, Royal Veterinary College	3
			Agri-food and Biosciences Institute, Veterinary Sciences Division	2
			Pig Health and Production Consultancy	2
			Rowett Research Institute	2
The Wellcome Trust Sanger Institute	1			
Animals	Sheep	Livestock management / production	Total	46
			Scottish Agricultural College, Edinburgh	7
			Macaulay Institute	5
			University of Edinburgh, The Royal (Dick) School of Veterinary Studies	3
			Institute of Grassland and Environmental Research, Plas Gogerddan	2
			University of Wales, Institute of Rural Sciences	2
			Scottish Agricultural College, Drummondhill	2
			Scottish Agricultural College, Hill and Mountain Research Centre	2
			Centre for Ecology and Hydrology, Hill of Brathens	1
			Institute for Animal Health	1
Roslin Institute, Edinburgh	1			
Animals	Sheep	Veterinary / health / welfare / diseases	Total	390
			Moredun Research Institute	37
			University of Edinburgh, The Royal (Dick) School of Veterinary Studies	37
			Veterinary Laboratories Agency, Addlestone	33
			Scottish Agricultural College	25
			Institute for Animal Health,	18
			University of Glasgow, Faculty of Veterinary Medicine	14
			Veterinary Laboratories Agency, Lasswade	12
			University of Liverpool, Faculty of Veterinary Science	11
			Roslin Institute, Edinburgh	10
University of Bristol, Faculty of Medical and Veterinary Sciences	8			
Animals	Sheep	Nutrition	Total	104
			Scottish Agricultural College	16
			Rowett Research Institute	10
			University of Wales, Institute of Rural Sciences	8
			University of Nottingham, Centre for Reproduction and Early Life	6
			Harper Adams University College	6
			Institute of Grassland and Environmental Research, Plas Gogerddan	6
			University of Nottingham, School of Biosciences	6
			Macaulay Institute	5
			Agricultural Research Institute of Northern Ireland	3
University of Reading, School of Agriculture	3			
Animals	Sheep	Genetics / breeding	Total	153
			Scottish Agricultural College	23
			Roslin Institute, Edinburgh	14
			University of Wales, Institute of Rural Sciences	7
			Rowett Research Institute	7
			University of Nottingham, School of Biosciences	7
			Moredun Research Institute	5
			University of London, Royal Veterinary College	4
			Scottish Agricultural College, Craibstone Estate	4
			University of Glasgow, Faculty of Veterinary Medicine	4
Veterinary Laboratories Agency	4			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animals	Poultry	Animal physiology	Total	114
			Moredun Research Institute	17
			Scottish Agricultural College	10
			University of Edinburgh, Easter Bush Veterinary Centre	7
			University of Glasgow, Faculty of Veterinary Medicine	6
			University of Liverpool, Faculty of Veterinary Science	5
			Rowett Research Institute	5
			University of Edinburgh, Royal (Dick) School of Veterinary Studies	5
			Institute for Animal Health	3
			University of Wales, Institute of Rural Sciences	3
Macaulay Institute	3			
Animals	Poultry	Livestock management / production	Total	32
			University of Bristol, Faculty of Medical and Veterinary Sciences	4
			B H Consulting	3
			Bartridge Partners	2
			Institute for Animal Health	2
			Compassion in World Farming	1
			Elm Farm Research Centre	1
			Responsible Use of Medicines in Agriculture Alliance (RUMA)	1
			Roslin Institute, Edinburgh	1
			University of Reading, School of Agriculture	1
University of Cranfield, School of Applied Sciences	1			
Animals	Poultry	Veterinary / health / welfare / diseases	Total	250
			University of Bristol, Faculty of Medical and Veterinary Sciences	28
			Veterinary Laboratories Agency	28
			Institute for Animal Health	27
			Roslin Institute, Edinburgh	16
			University of Liverpool, Faculty of Veterinary Science	11
			Crowshall Veterinary Service	5
			University of Newcastle, School of Agriculture	5
			Scottish Agricultural College	5
			Royal Agricultural College	3
University of Nottingham, School of Biosciences	3			
Animals	Poultry	Nutrition	Total	100
			Roslin Institute, Edinburgh	11
			Scottish Agricultural College	10
			Crowshall Veterinary Service	7
			Danisco	7
			Holo-Analysis Services Ltd	5
			Aviagen Ltd	4
			University of Newcastle, School of Agriculture	4
			University of Nottingham, School of Biosciences	4
			Harper Adams University College, The National Institute of Poultry Husbandry	4
Queen's University Belfast	4			
Animals	Poultry	Genetics / breeding	Total	114
			Roslin Institute, Edinburgh	33
			Institute for Animal Health	6
			Cherry Valley Farms Ltd	4
			University of Sheffield, Department of Animal and Plant Sciences	4
			University of Kent, Department of Biosciences	3
			University of Oxford, Department of Zoology	3
			University of Edinburgh, Institute of Evolutionary Biology	3
			Scottish Agricultural College	3
			University of Reading, School of Agriculture	3
University of East Anglia, School of Biological Sciences	2			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animals	Poultry	Animal physiology	Total	86
			Institute for Animal Health	17
			Roslin Institute, Edinburgh	10
			University of Bristol, Faculty of Medical and Veterinary Sciences	6
			University of Liverpool, Faculty of Veterinary Science	4
			University of London, Royal Veterinary College	4
			Intervet UK	3
			University of Newcastle, School of Agriculture	3
			University of Manchester, Faculty of Life Sciences	2
			King's College London, Randall Division of Cell and Molecular Biophysics	2
Royal Agricultural College	2			
Animals	Equine	Livestock management / production	Total	8
			Pool House Equine Clinic	2
			University of Glasgow, Faculty of Veterinary Medicine	1
			House and Jackson Veterinary Surgeons	1
			Longdown Activity Farm	1
			University of London, Royal Veterinary College	1
			University of Birmingham, School of Biosciences	1
			Shepherd's House	1
Animals	Equine	Veterinary / health / welfare / diseases	Total	475
			Animal Health Trust	76
			University of Liverpool, Faculty of Veterinary Science	50
			University of London, Royal Veterinary College	45
			University of Edinburgh, The Royal (Dick) School of Veterinary Studies	41
			University of Glasgow, Faculty of Veterinary Medicine	35
			University of Bristol, Faculty of Medical and Veterinary Sciences	23
			Greenwood, Ellis and Partners	17
			Rossdale and Partners, Beaufort Cottage Stables	15
			Bell Equine Veterinary Clinic	13
			Liphook Equine Hospital	10
Animals	Equine	Nutrition	Total	38
			Institute of Grassland and Environmental Research, Plas Gogerddan	6
			University of Edinburgh, Easter Bush Veterinary Centre	3
			Hartpury College	3
			University of London, Royal Veterinary College	3
			Equine Studies Group, Waltham Centre for Pet Nutrition	2
			University of Liverpool, Faculty of Veterinary Science	2
			Liphook Equine Hospital	2
			Animal Health Trust	1
			University of Cambridge, Department of Veterinary Medicine Equine Fertility Unit	1
			University of Bristol, Faculty of Medical and Veterinary Sciences	1
Animals	Equine	Genetics / breeding	Total	48
			University of Cambridge, Department of Veterinary Medicine Equine Fertility Unit	14
			University of Edinburgh, The Royal (Dick) School of Veterinary Studies	9
			University of London, Royal Veterinary College, London	4
			Animal Health Trust	2
			Asymptote Ltd, St John's Innovation Centre	2
			Roslin Institute, Edinburgh	2
			University of London, Royal Veterinary College, North Mymms	2
			University of Lincoln, Department of Biological Sciences	1
			University of Glasgow, Faculty of Veterinary Medicine	1
			Liphook Equine Hospital	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animals	Equine	Animal physiology	Total	161
			University of London, Royal Veterinary College, North Mymms	32
			Animal Health Trust	26
			University of Edinburgh, The Royal (Dick) School of Veterinary Studies	14
			University of Glasgow, Faculty of Veterinary Medicine	9
			University of Bristol, Department of Anatomy	7
			University of Cambridge, Department of Veterinary Medicine Equine Fertility Unit	7
			University of Bristol, Faculty of Medical and Veterinary Sciences	7
			University of London, Royal Veterinary College, London	6
			University of Liverpool, Faculty of Veterinary Science	5
University of Cambridge, Department of Clinical Veterinary Medicine	4			
Aquaculture	Fish culture	Biology	Total	59
			University of Stirling, Institute of Aquaculture	12
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	4
			University of Manchester, Faculty of Life Sciences	3
			Abbedale Vetlink Veterinary Training Ltd	2
			Lancaster Environment Centre, Centre for Ecology and Hydrology	2
			University of St Andrews, School of Biology, Gatty Marine Laboratory	2
			Brunel University, Institute for the Environment	2
			Environment Agency, National Fisheries Laboratory	2
			University of Plymouth, School of Biological Sciences	2
			University of St Andrews, School of Biology	2
			Aquaculture	Fish culture
University of Stirling, Institute of Aquaculture	20			
University of Aberdeen, School of Biological Sciences	9			
Fisheries Research Services Marine Laboratory	8			
University of St Andrews, School of Biology	4			
University of St Andrews, School of Biology, Gatty Marine Laboratory	4			
Ardtoe Marine Laboratory	3			
Abbedale Vetlink Veterinary Training Ltd	2			
Centre for Environment, Fisheries and Aquaculture Science, Suffolk	2			
Lancaster Environment Centre, Centre for Ecology and Hydrology	2			
Centre for Environment, Fisheries and Aquaculture Science, Weymouth	2			
Aquaculture	Fish culture	Health, welfare and disease management	Total	181
			Fisheries Research Services Marine Laboratory	34
			University of Stirling, Institute of Aquaculture	22
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	13
			Ardtoe Marine Laboratory	8
			Heriot-Watt University, School of Life Sciences	7
			University of Glasgow, Institute of Biomedical and Life Sciences	5
			University of Aberdeen, Scottish Fish Immunology Research Centre	4
			Agri-Food Biosciences Institute of Northern Ireland (AFBNI)	4
			University of Glasgow, Institute of Comparative Medicine	3
University of Liverpool, School of Biological Science	3			
Aquaculture	Fish culture	Nutrition	Total	72
			University of Stirling, Institute of Aquaculture	21
			Heriot-Watt University, School of Life Sciences	8
			University of Glasgow, Institute of Biomedical and Life Sciences	4
			University of Plymouth, School of Biological Sciences	4
			King's College London, Nutritional Sciences Research Division	3
			Ardtoe Marine Laboratory	2
			University of Manchester, Faculty of Life Sciences	2
			University of Liverpool, School of Biological Science	2
			University of Wales Aberystwyth, Institute of Biological Sciences	1
University of Glasgow, Institute of Comparative Medicine	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Aquaculture	Fish culture	Environmental impact of aquaculture	Total	7
			University of Plymouth, Plymouth Marine Institute	2
			University of Nottingham, Centre for Applied Bioethics	1
			University of Portsmouth, CEMARE	1
			University of Portsmouth, Department of Economics	1
			University of Stirling, Institute of Aquaculture	1
			University of Aberdeen, School of Biological Sciences	1
Aquaculture	Fish culture	Environmental impact of aquaculture	Total	19
			Seafood International, Heighway	4
			University of Nottingham, School of Biosciences	2
			University of Surrey, School of Biomedical and Molecular Life	2
			Imperial College London, Faculty of Medicine, SORA Division	1
			Campden and Chorleywood Food Research Association (CCFRA)	1
			University of London, SOAS	1
			University of Lincoln, Faculty of Technology	1
			University of Strathclyde, Department of Bioscience	1
			University of Leeds, Department of Food Science	1
University of Reading, School of Food Biosciences	1			
Aquaculture	Fish culture	Aquaculture practices, regulation	Total	14
			University of Nottingham, Centre for Applied Bioethics	2
			University of Stirling, Institute of Aquaculture	2
			Abbeylea Vetlink Veterinary Training Ltd	1
			Animal Health Department of Agriculture Fisheries and Forestry	1
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	1
			University of Portsmouth, CEMARE	1
			University of Bristol, Department of Clinical Veterinary Science.	1
			Fisheries Research Services	1
			International Fishmeal and Oil Organisation	1
University of Liverpool, School of Biological Sciences	1			
Aquaculture	Fish culture	Policy and legislation	Total	16
			University of Nottingham, Centre for Applied Bioethics	2
			University of Stirling, Institute of Aquaculture	2
			Abbeylea Vetlink Veterinary Training Ltd	1
			Animal Health Department of Agriculture Fisheries and Forestry	1
			University of Essex, Department of Biological Sciences	1
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	1
			University of Portsmouth, CEMARE	1
			University of Bristol, Department of Clinical Veterinary Science	1
			Fisheries Research Services	1
International Fishmeal and Oil Organisation	1			
Aquaculture	Fish culture	Marketing and distribution	Total	5
			Seafood International, Heighway	2
			Coventry University, Department of Geography	1
			Marine Stewardship Council (MSC)	1
			Seafood Procurement Marks and Spencer plc	1
Aquaculture	Fish culture	Economics, international trade	Total	19
			Seafood International, Heighway	10
			Seafood International, London	3
			University of Nottingham, Centre for Applied Bioethics	1
			Centre for Environment, Fisheries and Aquaculture Science	1
			University of London, SOAS	1
			University of Portsmouth, Department of Economics	1
			Marine Stewardship Council (MSC)	1
			Seafood Procurement Marks and Spencer plc	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Aquaculture	Shellfish culture	Biology	Total	8
			Centre for Environment, Fisheries and Aquaculture Science, Essex	1
			Swansea University, Department of Environmental and Molecular Biosciences	1
			University of Sussex, Department of Biology and Environmental Science	1
			University of Manchester, Faculty of Life Sciences	1
			Queen's University Belfast, School of Biological Sciences	1
			University of Birmingham, School of Biosciences	1
			University of Newcastle upon Tyne, SMST	1
Sir Alister Hardy Foundation of Ocean Science	1			
Aquaculture	Shellfish culture	Genetics and reproduction	Total	13
			University of St. Andrews, Comparative Immunology Group	3
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	1
			Centre for Environment, Fisheries and Aquaculture Science, Essex	1
			University of Wales, Centre for Catchment and Coastal Research	1
			University of Wales, Centre for Sustainable Aquaculture Research	1
			University of Sussex, Department of Biology and Environmental Science	1
			Fisheries Conservancy Board for Northern Ireland	1
			University of Birmingham, School of Biosciences	1
			University of Newcastle upon Tyne, SMST	1
University of Wales, School of Ocean Sciences	1			
Aquaculture	Shellfish culture	Health, welfare and disease management	Total	14
			University of St. Andrews, Comparative Immunology Group	2
			Heriot-Watt University, School of Life Sciences	2
			Winfrith Technology Centre, Centre for Ecology and Hydrology	1
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	1
			Swansea University, Department of Environmental and Molecular Biosciences	1
			University of Sussex, Department of Biology and Environmental Science	1
			University of Glasgow, Institute of Biomedical and Life Sciences	1
			University of Stirling, Institute of Aquaculture	1
International Aquafeed	1			
Queen's University Belfast, School of Biological Sciences	1			
Aquaculture	Shellfish culture	Nutrition	Total	6
			University of Wales, Centre for Sustainable Aquaculture Research	1
			University of Plymouth, Ecotoxicology and Stress Biology Research Centre	1
			University of Manchester, Faculty of Life Sciences	1
			International Aquafeed	1
			University of Aberdeen, School of Biological Sciences (Zoology)	1
University of Wales, School of Ocean Sciences	1			
Aquaculture	Shellfish culture	Environmental impact of aquaculture	Total	4
			University of Newcastle, School of Agriculture	3
			University of Stirling, Institute of Aquaculture	1
Aquaculture	Shellfish culture	Food safety	Total	22
			Seafood International, Heighway	3
			Department for Environment, Food and Rural Affairs	2
			Fisheries Research Services (FRS) Marine Laboratory	2
			Biomathematics and Statistics Scotland	1
			Campden and Chorleywood Food Research Association	1
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	1
			University of Ulster, Faculty of Life and Health Sciences	1
			Department of Agriculture and Rural Development for Northern Ireland	1
			Queen's University Belfast, Department of Food Science	1
			Health Protection Agency	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Aquaculture	Shellfish culture	Aquaculture practices, regulation	Total	2
			Overseas Development Institute	1
			Strathpeffer	1
Aquaculture	Shellfish culture	Policy and legislation	Total	2
			Overseas Development Institute	1
			Strathpeffer	1
Aquaculture	Shellfish culture	Marketing and distribution	Total	2
			Seafood International, Heighway	1
			Seafood Procurement Marks and Spencer plc	1
Aquaculture	Shellfish culture	Economics, international trade	Total	9
			Seafood International, Heighway	5
			Seafood International, London	3
			Seafood Procurement Marks and Spencer plc	1
Aquaculture	Algae / Seaweed culture	Health, welfare and disease management	Total	2
			Plymouth Marine Laboratory	2
Aquaculture	Algae / Seaweed culture	Food safety	Total	2
			Central Science Laboratory	1
			King's College London, Nutritional Sciences Research Division	1
Animal products	Meat	Food analysis, chemistry, composition, quality	Total	125
			University of Bristol, School of Veterinary Science	40
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	5
			University of Reading, School of Food Biosciences	5
			Queen's University Belfast	4
			Roslin Institute, Edinburgh	4
			University of Nottingham, School of Biosciences	3
			University of Nottingham	3
			Central Science Laboratory, York	3
			Scottish Agricultural College	2
Leatherhead Food International	2			
Animal products	Meat	Food contamination, hygiene and safety, microbiology	Total	104
			University of Bristol, School of Veterinary Science	37
			Campden and Chorleywood Food Research Association	5
			Queen's University Belfast	3
			Health Protection Agency	3
			Veterinary Laboratories Agency	2
			University of Aberdeen, Department of Medical Microbiology	2
			University of the West of England, Faculty of Applied Sciences	2
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	2
			University of Reading, School of Food Biosciences	2
Safety and Environmental Assurance Centre	2			
Animal products	Meat	Compliance (ie legislation, labelling, codes of practice / guidance documents, standards)	Total	18
			University of Bristol, School of Veterinary Science	4
			Leatherhead Food International	2
			Moredun Research Institute	1
			Royal Agricultural College	1
			Safety and Environmental Assurance Centre	1
			University of Edinburgh, Management School and Economics	1
			Southampton Solent University, Southampton Business School	1
			World Society for the Protection of Animals	1
			Central Science Laboratory, York	1
University of Aberdeen, Department Medical Microbiology	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animal products	Meat	Food processing, preservation, fermentation and enzyme technology, food additives	Total	51
			University of Bristol, School of Veterinary Science	12
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	6
			University of Reading, School of Food Biosciences	3
			Leatherhead Food International	2
			University of the West of England, Faculty of Applied Sciences	2
			Campden and Chorleywood Food Research Association	2
			Central Science Laboratory, York	1
			London South Bank University, Department of Applied Science	1
			Queen's University Belfast	1
University of Nottingham, School of Biosciences	1			
Animal products	Meat	Food technology, engineering, packaging	Total	23
			University of Bristol, School of Veterinary Science	9
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	2
			University of Reading, School of Food Biosciences	1
			Danisco	1
			Leatherhead Food International	1
			University of Nottingham	1
			University of Nottingham, School of Biosciences	1
			Queen's University Belfast	1
			Campden and Chorleywood Food Research Association	1
Health Protection Agency, Department of Gastrointestinal Infections	1			
Animal products	Meat	Food poisoning epidemiology	Total	8
			University of Bristol, School of Veterinary Science	2
			University of Edinburgh, Centre for Infectious Diseases	1
			University of Aberdeen, Applied Food Microbiology Group	1
			University of Aberdeen, Department Medical Microbiology	1
			Campden and Chorleywood Food Research Association	1
			University of Bristol	1
			Veterinary Laboratories Agency	1
Animal products	Meat	Consumer and sensory science	Total	25
			University of Bristol, School of Veterinary Science	10
			University of Reading, School of Food Biosciences	2
			Roslin Institute, Edinburgh	2
			Queen's University Belfast	2
			London South Bank University, Department of Applied Science	1
			University of Nottingham, School of Biosciences	1
			University of Strathclyde, Department of Bioscience	1
Scottish Agricultural College	1			
Animal products	Meat	Food marketing and distribution	Total	26
			University of Reading, School of Agriculture	2
			University of Bristol, School of Veterinary Science	2
			University of Birmingham, Business School	2
			University of Cardiff, Cardiff School of City and Regional Planning	2
			University of Kent, Kent Business School	1
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	1
			University of Cardiff, ESRC Centre for (BRASS)	1
			Harper Adams University College	1
			World Society for the Protection of Animals	1
Scottish Agricultural College	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animal products	Meat	Functional foods, probiotics and novel foods, food supplements	Total	4
			Barts' and the London School of Medicine and Dentistry, Centre for Experimental Therapeutics	2
			University of Reading, School of Food Biosciences	1
			British Nutrition Foundation	1
Animal products	Fish	Food analysis, chemistry, composition, quality	Total	40
			University of Surrey, School of Biomedical and Molecular Life Sciences	5
			University of St Andrews, Fish Muscle Research Group	3
			Leatherhead Food International	2
			University of Stirling, Institute of Aquaculture	2
			University of Bristol, School of Veterinary Science	2
			University of Lincoln, Faculty of Technology	1
			University of Strathclyde, Department of Bioscience	1
			University of Leeds, Laboratory of Food Biochemistry and Nutrition	1
			University of St Andrews, School of Biology	1
			University of Reading, School of Food Biosciences	1
			Animal products	Fish
Central Science Laboratory	3			
Centre for Environment, Fisheries and Aquaculture Science, Weymouth	3			
Campden and Chorleywood Food Research Association	2			
Queen's University Belfast	2			
Imperial College London	2			
MRC Human Nutrition Research	1			
Food Standards Agency	1			
University of Bristol, Food Refrigeration and Process Engineering Research Centre	1			
King's College London, Nutritional Sciences Research Division	1			
University of Birmingham, Institute of Occupational and Environmental Medicine	1			
Animal products	Fish	Compliance (ie legislation, labelling, codes of practice / guidance documents, standards)	Total	4
			Leatherhead Food International	2
			Marine Stewardship Council	1
			University of Nottingham, School of Biosciences	1
Animal products	Fish	Food processing, preservation, fermentation and enzyme technology, food additives	Total	28
			University of Surrey, School of Biomedical and Molecular Life Sciences	5
			Campden and Chorleywood Food Research Association	2
			Queen's University Belfast	1
			University of Lincoln, Faculty of Technology	1
			University of Strathclyde, Department of Bioscience	1
			University of Stirling, Institute of Aquaculture	1
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	1
			University of Wales, School of Ocean Sciences	1
			Leatherhead Food International	1
Fisheries Research Services Marine Laboratory	1			
Animal products	Fish	Food technology, engineering, packaging	Total	6
			Campden and Chorleywood Food Research Association	1
			University of Nottingham, School of Biosciences	1
			Queen's University Belfast	1
			University of Lincoln, Faculty of Technology	1
			University of Stirling, Institute of Aquaculture	1
University of Reading, School of Food Biosciences	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animal products	Fish	Food poisoning epidemiology	Total	2
			Health Protection Agency, Centre for Infections	1
			Centre for Environment, Fisheries and Aquaculture Science, Weymouth	1
Animal products	Fish	Consumer and sensory science	Total	5
			University of Bristol, School of Veterinary Science	2
			University of Reading, School of Food Biosciences	1
			University of Greenwich, Natural Resources Institute	1
			University of Northampton, School of Health	1
Animal products	Fish	Food marketing and distribution	Total	6
			Campden and Chorleywood Food Research Association	1
			University of Nottingham, School of Biosciences	1
			University of Portsmouth, Department of Economics	1
			University of Coventry, Department of Geography	1
			University of Bristol, Food Refrigeration and Process Engineering Research Centre	1
			Marine Stewardship Council	1
Animal products	Fish	Functional foods, probiotics and novel foods, food supplements	Total	12
			University of Reading, School of Food Biosciences	2
			University of Southampton, Institute of Human Nutrition	2
			King's College London, Nutritional Sciences Research Division	2
			Department of Colorectal Surgery, St George's Hospital	1
			British Nutrition Foundation	1
			University of Cardiff, Department of Epidemiology	1
			University of Oxford, Division of Public Health and Primary Health Care	1
			London Metropolitan University, Nutrition Policy Unit	1
			University of St Andrews	1
			Animal products	Eggs
Heriot-Watt University, School of Life Sciences	3			
University of Glasgow, Division of Cell Sciences	2			
Scottish Agricultural College	2			
University of Ulster, Northern Ireland Centre for Food and Health	2			
University of Birmingham, School of Biosciences	1			
Safety and Environmental Assurance Centre	1			
University College Dublin	1			
National Public Health Service for Wales, Public Health Laboratory	1			
Direct Laboratories Research Division	1			
University of Reading, School of Food Biosciences	1			
Animal products	Eggs	Food contamination, hygiene and safety, microbiology	Total	20
			University of Bristol, School of Veterinary Science	4
			Health Protection Agency, Department of Gastrointestinal Infections	3
			Agri-Food and Biosciences Institute, Chemical Surveillance Branch	1
			Queen's University Belfast	2
			Health Protection Agency, Cumbria and Lancashire Health Protection Unit	1
			Direct Laboratories Research Division	1
			Imperial College London	1
			Northern Hygiene Laboratories Ltd	1
			Safety and Environmental Assurance Centre	1
Animal products	Eggs	Compliance (ie legislation, labelling, codes of practice / guidance documents, standards)	Total	2
			Medvék Consultancy	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animal products	Eggs	Food processing, preservation, fermentation and enzyme technology, food additives	Total	7
			University of Reading, School of Food Biosciences	1
			University of Birmingham, Centre for Formulation Engineering	1
			Health Protection Agency, Department of Gastrointestinal Infections	1
			Direct Laboratories Research Division	1
			University of Surrey, School of Biomedical and Molecular Sciences	1
			University of Westminster School of Biosciences	1
			University of Reading, School of Food Biosciences	1
Heriot-Watt University, School of Life Sciences	1			
Animal products	Eggs	Food poisoning epidemiology	Total	3
			University of Bristol, School of Veterinary Science	1
			Health Protection Agency, Cumbria and Lancashire Health Protection Unit	1
			Health Protection Agency, East of England Regional Epidemiology Unit	1
Animal products	Eggs	Food marketing and distribution	Total	1
			University of Coventry, Department of Geography	1
Animal products	Eggs	Functional foods, probiotics and novel foods, food supplements	Total	3
			Alltech Inc	1
			University of Surrey, School of Biomedical and Molecular Sciences	1
			Scottish Agricultural College	1
Animal products	Milk and milk products	Food analysis, chemistry, composition, quality	Total	137
			University of Reading, School of Food Biosciences	12
			University of Leeds, Procter Department of Food Science	6
			Leatherhead Food International	4
			University of Cambridge, Department of Chemical Engineering	5
			University of Newcastle, Nafferton Ecological Farming Group	3
			University of Glasgow, Division of Animal Production and Public Health	3
			Queen's University Belfast	3
			Agri-Food and Biosciences Institute	2
			Harper Adams University College	2
			Glasgow Caledonian University, Department of Biological and Biomedical Sciences	2
Animal products	Milk and milk products	Food contamination, hygiene and safety, microbiology	Total	46
			Queen's University Belfast	6
			University of Bristol, School of Veterinary Science	4
			University of Nottingham, Sutton Bonington Campus	2
			Institute for Animal Health	2
			Health Protection Agency, Centre for Infections	2
			Lancaster Environment Centre, Centre for Ecology and Hydrology	2
			Shepton Veterinary Group	2
			Scottish Agricultural College	1
			National Public Health Service for Wales, Public Health Laboratory	1
			University of Chester, Chester Centre for Stress Research	1
Animal products	Milk and milk products	Compliance (ie legislation, labelling, codes of practice/guidance documents, standards)	Total	6
			Leatherhead Food International	2
			Dairy UK	1
			University of Edinburgh, Management School and Economics	1
			University of Reading, Department of Agriculture and Food Economics	1
			Evans Vanodine International plc	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animal products	Milk and milk products	Food processing, preservation, fermentation and enzyme technology, food additives	Total	74
			University of Reading, School of Food Biosciences	7
			Queen's University Belfast	5
			University of Leeds, Procter Department of Food Science	5
			University of Cambridge, Department of Chemical Engineering	3
			University of Reading, School of Biosciences	3
			Leatherhead Food International, BioResearch Section	2
			University of Nottingham, School of Biosciences	2
			Glasgow Caledonian University, Department of Biological and Biomedical Sciences	2
			University of Birmingham, Department of Chemical Engineering	2
Hannah Research Institute	1			
Animal products	Milk and milk products	Food technology, engineering, packaging	Total	32
			University of Reading, School of Biosciences	3
			Glasgow Caledonian University, Department of Biological and Biomedical Sciences	2
			University of Cambridge, Department of Chemical Engineering	2
			University of Nottingham, School of Biosciences	2
			University of Reading, School of Food Biosciences	2
			Scottish Agricultural College	1
			Silsoe Research Institute	1
			University of Warwick, School of Engineering	1
			University of Birmingham, Centre for Formulation Engineering	1
University of Loughborough, Department of Chemical Engineering	1			
Animal products	Milk and milk products	Food poisoning epidemiology	Total	2
			University of Bristol, Department of Clinical Veterinary Science	1
			Health Protection Agency, European Programme for Intervention Epidemiology Training	1
Animal products	Milk and milk products	Consumer and sensory science	Total	15
			University of Reading, School of Food Biosciences	3
			Centre for Food and Health Studies, London	1
			London South Bank University, Department of Applied Science	1
			Glasgow Caledonian University, Department of Biological and Biomedical Sciences	1
			Hannah Research Institute	1
			Leatherhead Food International	1
			University of Leeds, Procter Department of Food Science	1
			University of Nottingham, Samworth Flavour Laboratory	1
Queen's University Belfast, Department of Psychology	1			
University of Northampton, School of Health	1			
Animal products	Milk and milk products	Food marketing and distribution	Total	9
			University of Newcastle, School of Agriculture	2
			Centre for Food and Health Studies, London	1
			University of Coventry, Department of Geography	1
			University of Edinburgh, Easter Bush Veterinary Centre	1
			Ecosyl Products Ltd	1
			FAPRI-UK Project, Agri-Food and Biosciences Institute and Queen's University Belfast	1
			University of Edinburgh, Management School and Economics	1
Unilever R&D Colworth, Life Science	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Animal products	Milk and milk products	Functional foods, probiotics and novel foods, food supplements	Total	18
			University of Reading, School of Food Biosciences	4
			Kingston University, School of Life Sciences	2
			Centre for Food and Health Studies, London	1
			Danisco	1
			University of Hull, Department of Biological Sciences	1
			University of Birmingham, Institute of Child Health	1
			Leatherhead Food International	1
			University of Dundee, Ninewells Hospital Medical School	1
			Safety and Environmental Assurance Centre	1
University of Surrey, School of Biomedical and Molecular Sciences	1			
Animal products	Honey	honey (overall)	Total	12
			Central Science Laboratory, York	4
			University of Bristol, School of Veterinary Science	1
			Bartridge Partners	1
			University of York, Department of Chemistry	1
			Northern Ireland Public Health Laboratory, Department of Bacteriology	1
			University of Cardiff, Department of Medical Microbiology	1
			University of Reading, School of Food Biosciences	1
			University of London, SOAS Centre for Development, Policy and Environment	1
			Ysbyty Gwynedd, Penrhosgarnedd, Bangor, Gwynedd	1
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Food analysis, chemistry, composition, quality	Total	141
			Institute of Food Research	11
			University of Cranfield	8
			University of Reading, School of Agriculture	6
			University of Nottingham	5
			East Malling Research	5
			MRC Human Nutrition Research	4
			University of Newcastle	4
			Scottish Crop Research Institute	4
			University of London	3
CABI Bioscience	2			
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Food contamination, hygiene and safety, microbiology	Total	24
			Campden and Chorleywood Food Research Association	2
			Institute of Food Research	2
			University of Bristol, School of Veterinary Science	2
			University of Reading, School of Food Biosciences	1
			University of Nottingham, School of Biosciences	1
			Leatherhead Food International, BioResearch Section	1
			National Public Health Service for Wales, Public Health Laboratory	1
			Royal Agricultural College	1
			Safety and Environmental Assurance Centre	1
University of Southampton, Environmental Healthcare Unit	1			
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Compliance (ie legislation, labelling, codes of practice/guidance documents, standards)	Total	3
			Harper Adams University College, Crops Dept	1
			Health Protection Agency, Department of Gastrointestinal Infections	1
			Royal Agricultural College	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Food processing, preservation, fermentation and enzyme technology, food additives	Total	30
			Institute of Food Research	4
			University of Cranfield	4
			University of Reading, School of Food Biosciences	2
			University of Newcastle, Environmental and Molecular Plant Physiology	2
			East Malling Research	2
			Central Science Laboratory, York	2
			Campden and Chorleywood Food Research Association	1
			University of Birmingham, Department of Chemical Engineering	1
			Leatherhead Food International, BioResearch Section	1
Postharvest Unit, Writtle College	1			
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Food technology, engineering, packaging	Total	5
			Campden and Chorleywood Food Research Association	1
			University of Cranfield	1
			University of Newcastle, Environmental and Molecular Plant Physiology	1
			Leatherhead Food International, BioResearch Section	1
University of Reading, School of Food Biosciences	1			
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Food poisoning epidemiology	Total	3
			Campden and Chorleywood Food Research Association Group	1
			University of Wales, Department of Epidemiology	1
Gastrointestinal Diseases Division, PHLS Communicable Disease Surveillance Centre	1			
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Consumer and sensory science	Total	5
			University of Southampton, Centre for Environmental Sciences	1
			Centre for Food and Health Studies, London	1
			Bangor University, College of Natural Sciences	1
			Institute of Food Research	1
			University of Northampton, School of Health	1
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Food marketing and distribution	Total	26
			University of Reading, Department of Agricultural and Food Economics	2
			University of Reading, School of Food Biosciences	2
			Institute of Food Research	2
			Campden and Chorleywood Food Research Association	1
			Centre for Food and Health Studies, London	1
			Imperial College London, Centre for Food Chain Research	1
			Central Science Laboratory, York	1
			University of Swansea, Department of Geography	1
			University of the West of England, Faculty of Applied Sciences	1
University of Cranfield, Plant Science Laboratory	1			
Plant products	Fruit and vegetables including mushrooms and fungi, herbs and spices	Functional foods, probiotics and novel foods, food supplements	Total	25
			Institute of Food Research	4
			The Robert Gordon University, School of Life Sciences	2
			University of Surrey, Division of Nutritional Sciences	1
			University of Reading, Hugh Sinclair Unit Human Nutrition	1
			University of Ulster, Northern Ireland Centre for Food and Health	1
			University of Leeds, Nutritional Epidemiology Group	1
			Leatherhead Food International, BioResearch Section	1
			University of Leicester, Cancer Biomarkers and Prevention Group	1
			Queen's University Belfast, Centre for Clinical and Population Sciences	1
University of London, Centre for Pharmacognosy and Phytotherapy	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Plant products	Nuts and seeds	Food analysis, chemistry, composition, quality	Total	10
			University of Newcastle, Institute for Research on the Environment and Sustainability	2
			Agri-Food and Land Use, School of Biological and Food Sciences, Queens University Belfast	1
			Centre for International Child Health, Institute of Child Health	1
			University of Nottingham, Division of Food Sciences	1
			University of Lincoln, Faculty of Health, Life and Social Sciences	1
			Institute of Food Research	1
			Unilever R&D Colworth, Life Science	1
			Newcastle University, Nafferton Ecological Farming Group	1
			University of Plymouth, School of Biological Sciences	1
Plant products	Nuts and seeds	Food processing, preservation, fermentation and enzyme technology, food additives	Total	5
			Centre for International Child Health, Institute of Child Health	1
			University of Birmingham, CRUK Institute for Cancer Studies	1
			University of Newcastle, Environmental and Molecular Plant Physiology	1
			University of Lincoln, Faculty of Health, Life and Social Sciences	1
London Metropolitan University, Microbiology Research Unit	1			
Plant products	Nuts and seeds	Food technology, engineering, packaging	Total	2
			University of Newcastle, Environmental and Molecular Plant Physiology	1
London Metropolitan University, Microbiology Research Unit	1			
Plant products	Nuts and seeds	Food poisoning epidemiology	Total	2
			Scottish Agricultural College, Crop Science Department	1
			Campden and Chorleywood Food Research Association Group	1
Plant products	Nuts and seeds	Functional foods, probiotics and novel foods, food supplements	Total	4
			Institute of Food Research	1
			Imperial College London, Division of Neuroscience and Mental Health	1
			University of Plymouth, Peninsula Medical School	1
University of Lincoln, Faculty of Health, Life and Social Sciences	1			
Plant products	Cereals and cereal products	Food analysis, chemistry, composition, quality	Total	81
			University of Reading, School of Food Biosciences	9
			Rothamsted Research	7
			Institute of Food Research	4
			University of Newcastle, Nafferton Ecological Farming Group	3
			Glasgow Caledonian University, Department of Biological and Biomedical Sciences	3
			University of Plymouth, Applied Food Research Group	3
			University of Manchester, Satake Centre for Grain Process Engineering	3
			University of Nottingham, Division of Food Sciences	2
			University of Aberdeen, School of Biological Sciences	2
			University of Oxford Brookes, Nutrition and Food Science Group	1
			Plant products	Cereals and cereal products
University of Manchester, Satake Centre for Grain Process Engineering	2			
University of Cranfield Applied Mycology Group	2			
Brewing Research International	2			
KAS Mycotoxins	2			
Institute of Food Research	1			
Campden and Chorleywood Food Research Association	1			
East Malling Research	1			
University of the West of England, School of Biosciences	1			
University of Aberdeen, School of Biological Sciences	1			
Harper Adams University College	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Plant products	Cereals and cereal products	Compliance (ie legislation, labelling, codes of practice/guidance documents, standards)	Total	3
			Brewing Research International	1
			Harper Adams University College	1
			University of Exeter, Department of Economics	1
Plant products	Cereals and cereal products	Food processing, preservation, fermentation and enzyme technology, food additives	Total	44
			University of Manchester, Satake Centre for Grain Process Engineering	4
			University of Reading, School of Food Biosciences	4
			The Scotch Whisky Research Institute	3
			Institute of Food Research	3
			Glasgow Caledonian University, Department of Biological Sciences	3
			University of Plymouth, Applied Food Research Group	2
			KAS Mycotoxins	2
			Campden and Chorleywood Food Research Association	2
			University of Nottingham, Division of Food Sciences	1
			University of Strathclyde, Centre for Food Quality	1
Plant products	Cereals and cereal products	Food technology, engineering, packaging	Total	20
			University of Manchester, Satake Centre for Grain Process Engineering	2
			Rothamsted Research	2
			University of Reading, School of Food Biosciences	2
			The Scotch Whisky Research Institute	1
			Institute of Food Research	1
			Glasgow Caledonian University, Department of Biological Sciences	1
			University of Strathclyde, Centre for Food Quality	1
			University of Glamorgan, Biotechnology Unit	1
			Glasgow Caledonian University, Department of Biological Sciences	1
			Central Science Laboratory, York	1
Plant products	Cereals and cereal products	Food marketing and distribution	Total	44
			University of Reading, School of Food Biosciences	4
			Rothamsted Research	3
			University of Newcastle, School of Agriculture	2
			University of Manchester, Satake Centre for Grain Process Engineering	2
			KAS Mycotoxins	2
			University of Plymouth, Applied Food Research Group	2
			Institute of Food Research	2
			Manchester Metropolitan University	2
			University of Nottingham, Division of Food Sciences	1
Cereal Processing Division, Campden Chorleywood Food Research Association	1			
Plant products	Cereals and cereal products	Functional foods, probiotics and novel foods, food supplements	Total	10
			University of Reading, Department of Food Biosciences	2
			Queen's University Belfast, Centre for Clinical and Population Sciences	1
			Danisco	1
			Lincoln County Hospital, Department of Gastroenterology	1
			Leatherhead Food International	1
			University of Oxford Brookes, Nutrition and Food Science Group	1
			University of Manchester, School of Chemical Engineering and Analytical Science	1
			University of St Andrews	1
University of Lancaster, Nuclear and Biomedical Engineering Research Group	1			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Plant products	Sugar	Food analysis, chemistry, composition, quality	Total	25
			Lindley Consulting	2
			British Sugar plc	2
			University of Loughborough, Department of Chemical Engineering	1
			University of Birmingham, Birmingham Carbohydrate and Protein Technology Group	1
			University of Nottingham, Division of Food Sciences	1
			University of Hull, Department of Chemistry	1
			Heriot-Watt University, School of Life Sciences	1
			University of Nottingham, Sensory Science Centre	1
			Plant products	Sugar
			University of Nottingham, Division of Food Science	1
			Scientific and Regulatory Affairs	1
Plant products	Sugar	Food processing, preservation, fermentation and enzyme technology, food additives	Total	20
			Fletcher Smith	2
			University of Nottingham, Division of Food Science	2
			British Sugar plc	1
			Operations Services Science, British Sugar plc	1
			Sugar Knowledge International Limited	1
			Conutrol Instrument Services, Martinstown, Dorchester	1
			Scientific and Regulatory Affairs	1
			University of Loughborough, Department of Chemical Engineering	1
			University of Birmingham, Birmingham Carbohydrate and Protein Technology Group	1
Heriot-Watt University, School of Life Sciences	1			
Plant products	Sugar	Food technology, engineering, packaging	Total	9
			Fletcher Smith	2
Plant products	Sugar	Consumer and sensory science	Total	3
			Lindley Consulting	1
			Scientific and Regulatory Affairs, Sonning, Berkshire	1
Plant products	Sugar	Food marketing and distribution	Total	6
			International Sugar Organisation	3
			British Sugar plc	1
			University of Plymouth, School of Geography	1
Plant products	Sugar	Functional foods, probiotics and novel foods, food supplements	Total	2
			University of Nottingham, Division of Food Sciences	1
			Optima Chemicals Ltd	1
Oils and fats		Food analysis, chemistry, composition, quality	Total	57
			University of Reading, School of Food Biosciences	6
			Unilever R&D Colworth, Life Science	3
			University of Bristol, Division of Farm Animal Science	3
			University of Strathclyde, Department of Chemical and Process Engineering	2
			University of Leeds, Procter Department of Food Science	2
			Scottish Crop Research Institute	2
			University of Nottingham, Division of Food Sciences	2
			University of Northampton, School of Health	2
			University of Cambridge, Department of Chemical Engineering	2
			Harper Adams University College	2

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Oils and fats		Food contamination, hygiene and safety, microbiology	Total	10
			Central Science Laboratory, York	2
			University of Cranfield, Applied Mycology Group	1
			Campden and Chorleywood Food Research Association	1
			Lancaster Environment Centre, Chemicals Management and Environmental Science	1
			University of Hull, Department of Biological Sciences	1
			University of Nottingham, Division of Food Science	1
			Health Protection Agency, Gastrointestinal Infections Department	1
			King's College London, Randall Division of Cell and Molecular Biophysics	1
			University of Northampton, School of Health	1
Oils and fats		Compliance (ie legislation, labelling, codes of practice/guidance documents, standards)	Total	1
			University of Reading, Department of Agriculture and Food Economics	1
Oils and fats		Food processing, preservation, fermentation and enzyme technology, food additives	Total	33
			University of Nottingham, Division of Food Sciences	3
			University of Reading	3
			University of Bristol, Division of Farm Animal Science	2
			University of Cambridge, Department of Chemical Engineering	2
			Unilever R&D Colworth, Life Science	2
			University of Cranfield, Applied Mycology Group	1
			Campden and Chorleywood Food Research Association	1
			University of Hull, Department of Biological Sciences	1
			University of Strathclyde, Department of Chemical and Process Engineering	1
University of Surrey, Division of Nutrition and Food Safety	1			
Oils and fats		Food technology, engineering, packaging	Total	8
			Aston University, Chemical Engineering and Applied Chemistry	1
			University of Hull, Department of Biological Sciences	1
			University of Strathclyde, Department of Chemical and Process Engineering	1
			University of Nottingham, Division of Food Science	1
			University of Stirling, Institute of Aquaculture	1
			The University of Reading, School of Agriculture	1
			University of Warwick, School of Engineering	1
Scottish Crop Research Institute	1			
Oils and fats		Consumer and sensory science	Total	6
			University of Nottingham, Division of Food Sciences	2
			Agronomy Institute	1
			University of Stirling, Institute of Aquaculture	1
			University of Leeds, Procter Department of Food Science	1
			King's College London, Randall Division of Cell and Molecular Biophysics	1
University of Northampton, School of Health	1			
Oils and fats		Food marketing and distribution	Total	29
			University of Reading, Department of Agricultural and Food Economics	2
			University of Hull, Department of Biological Sciences	2
			University of Bristol, Division of Farm Animal Science,	2
			University of Nottingham, Division of Food Science	2
			Unilever R&D Colworth, Life Science	2
			University of Cambridge, Department of Chemical Engineering	2
			University of Strathclyde, Department of Chemical and Process Engineering	1
			City University, Food Policy	1
			University of Westminster, School of Biosciences	1
			Scottish Crop Research Institute	1

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Oils and fats		Functional foods, probiotics and novel foods, food supplements	Total	33
			University of Reading, Hugh Sinclair Unit of Human Nutrition	4
			University of Southampton, Institute of Human Nutrition	3
			London School of Hygiene and Tropical Medicine, Epidemiology and Population Health	2
			Central Science Laboratory, York	2
			University of Hull, Department of Biological Sciences	2
			University of Oxford Brookes, Nutrition and Food Science Group	1
			University of Newcastle, School of Clinical Medical Sciences	1
			Medical Research Council Human Nutrition Research	1
			Rowett Research Institute	1
			Harper Adams University College, ASRC	1
Forestry			Total	1621
			CABI Europe	61
			Forest Research, Alice Holt Lodge	58
			University of East Anglia, School of Environmental Sciences	57
			Royal Botanic Garden, Kew, Seed Conservation Department	46
			Macaulay Institute	44
			Forest Research, Northern Research Station	43
			University of Edinburgh, School of GeoSciences	39
			Royal Botanic Garden, Edinburgh	24
			University of Sheffield, Department of Animal and Plant Sciences	19
			Forestry Commission	9
Environmental		Conservation etc	Total	1188
			University of East Anglia, Centre for Ecology, Evolution and Conservation	49
			Royal Society for the Protection of Birds	28
			University of Oxford, Centre for the Environment	27
			Macaulay Institute	23
			University of Reading, Centre for Agri-Environment Research	22
			CABI Europe	21
			Centre for Ecology and Hydrology	18
			University of Sheffield, Department of Animal and Plant Sciences	18
			University of Birmingham, School of Biosciences	18
			Game Conservancy Trust	16
Environmental		Conservation etc	Total	1188
			University of East Anglia, Centre for Ecology, Evolution and Conservation	49
			Royal Society for the Protection of Birds	28
			University of Oxford, Centre for the Environment	27
			Macaulay Institute	23
			University of Reading, Centre for Agri-Environment Research	22
			CABI Europe	21
			Centre for Ecology and Hydrology	18
			University of Sheffield, Department of Animal and Plant Sciences	18
			University of Birmingham, School of Biosciences	18
			Game Conservancy Trust	16
Environmental		Environmental protection	Total	93
			University of Oxford, Centre for the Environment	4
			Forest Research, Alice Holt Lodge	4
			Institute of Grassland and Environmental Research	4
			University of Manchester, Institute for Development Policy and Management	3
			University of Newcastle, School of Agriculture	3
			Lancaster Environment Centre, Centre for Ecology and Hydrology	2
			Imperial College London, Centre for Environmental Policy	2
			London School of Economics and Political Science	2
			University of Cranfield, National Soil Resources Institute	2
Royal Agricultural College	2			

Sector	Sub-sector	Topic	Leading institutions - top 10 only	No. papers
Environmental		Rural/land management	Total	145
			Macaulay Institute	6
			University of Aberdeen, School of Biological Sciences	5
			University of Manchester, Institute for Development Policy and Management	4
			University of East Anglia, Centre for Ecology, Evolution and Conservation	3
			University of Lancaster, Centre for Sustainable Water Management	3
			University of Leeds, Sustainability Research Institute	3
			University of Reading, Centre for Agri-Environment Research	2
			Imperial College London, Centre for Environmental Policy	2
			UHI-Perth College, Centre for Mountain Studies	2
University of Oxford, Environmental Change Institute	2			
Environmental		Agricultural extension	Total	59
			University of Gloucestershire, Countryside and Community Research Unit	3
			University of Sussex, Institute of Development Studies	3
			CABI Europe	2
			University of Edinburgh, Centre for Tropical Veterinary Medicine	2
			University of Reading, School of Agriculture	2
			University of East Anglia, School of Development Studies	2
			Botanic Gardens Conservation International	1
			Imperial College London, International Pesticide Application Research Centre (IPARC)	1
			University of London, Royal Veterinary College	1
			University of Newcastle, School of Agriculture	1

3

Section 3 Agri-Food Science Funding Organisations

This section lists some of the main UK funding agencies, their areas of interest and contact details.

1 Alcohol Education and Research Council (AERC)

The Council's main aims are to:

- Generate and disseminate research based evidence to inform and influence policy and practice
- Develop the capacity of people and organisations to address alcohol issues
- Provision of research grants

Address: AERC, Room 178,
Queen Anne Business Centre,
28 Broadway,
London SW1H 9JX
Telephone: (0)207 340 9502
Website: www.aerc.org.uk

2 Biotechnology and Biological Sciences Research Council (BBSRC)

BBSRC is one of seven Research Councils that work together as Research Councils UK (RCUK). It is funded from the Government's Department for Innovation, Universities and Skills (DIUS).

BBSRC's current budget is £400M. It supports a total of around 1,600 scientists and 2,000 research students in universities and institutes in the UK.

Research areas

- Agri-food
- Animal sciences
- Biochemistry and cell biology
- Biomolecular sciences
- Engineering and biological systems
- Genes and developmental biology
- Plant and microbial sciences
- Longer and larger grants
- New investigator scheme
- Cross- and joint-committee priorities

Address: BBSRC, Polaris House,
North Star Avenue,
Swindon,
Wiltshire, SN2 1UH
Telephone: (0)1793 413200
Fax: (0)1793 413201
Website: www.bbsrc.ac.uk

3 British Potato Council (BPC)

The British Potato Council works to improve competitiveness and increasing usage of UK potatoes. BPC is a non-departmental public body (NDPB) funded by potato growers and trade purchasers.

Address: BPC, 4300 Nash Court,
Oxford Business Park South,
Oxford, OX4 2RT
Telephone: (0)1865 714455
Fax: (0)1865 782200
Website: www.potato.org.uk

4 Department for International Development (DFID)

DFID is the part of the UK Government that manages Britain's aid to poor countries. DFID's work is focused on achieving the Millennium Development Goals (MDGs) – the United Nations' targets for fighting poverty that must be met by 2015.

DFID works with charities, international organisations and the governments of poor countries to find lasting solutions to the global problem of poverty. The UK has committed to spending 0.7% of its gross national income on poverty reduction and international development by 2013. It will double the budget on research to £220m by 2010/11, increasing the capacity to manage research, strengthen scientific input into research and produce a step change in getting research into policy and practice.

Address: DFID, 1 Palace Street,
London, SW1E 5HE
Telephone: (0)207 023 0000
Fax: (0)207 023 0019
Email: enquiry@dfid.gov.uk
Website: www.dfid.gov.uk

5 Department of Agriculture and Rural Development of Northern Ireland (DARDNI)

DARDNI aims to promote sustainable economic growth and the development of the countryside in Northern Ireland. The Department assists the competitive development of the agri-food, fishing and forestry sectors of the Northern Ireland economy, having regard for the need of the consumers, the welfare of animals and the conservation and enhancement of the environment.

Address: DARDNI, Dundonald House,
Upper Newtownards Road
Belfast, BT4 3SB
Telephone: (0)2890 524999
Email: dardhelpline@dardni.gov.uk
Website: www.dardni.gov.uk

6 Department of Environment, Food and Rural Affairs (Defra)

Defra funds scientific research to provide evidence for policy making, solving problems, and identifying future issues. Defra is a major funder of science, spending over £300 million annually on research, monitoring and surveillance activities.

Research areas

- Climate change and energy
- Natural resource protection
- Sustainable production and consumption
- Sustainable rural communities
- Sustainable farming and food

Address: Defra, Nobel House, 17 Smith Square, London, SW1P 3JR
Telephone: (0)207 238 6000
Website: www.defra.gov.uk

7 Environment Agency (EA)

The EA science programme provides key information, advice, tools and techniques to assist Government policy and operational work.

Research areas

- Air quality
- Conservation
- Fish
- Flood
- Land quality
- Navigation
- Recreation
- Waste
- Water quality and resources

Address: EA, Warrington, Cheshire, WA4 1HG
Telephone: 08708-506506
Email: enquiries@environment-agency.gov.uk
Website: www.environment-agency.gov.uk

Note:

For brevity the +44 prefix for international dialling has not been included as part of the telephone number contact details. For international dialling all telephone numbers listed in this Directory should be preceded by +44 and the (0) ignored.

8 Economic and Social Research Council (ESRC)

ESRC funds research and training in social and economic issues focusing on six research areas: economic affairs; education and human development; environment and planning; government and law; industry and employment; and social affairs. ESRC's work is organised in four areas:

- Capacity: To build sufficient capacity for the UK to undertake top class social science
- Research: To fund only cutting-edge and excellent research that focuses on pushing back the frontiers of science, and on areas of major national importance
- Engagement: To communicate its research findings as widely as possible; to engage with its audiences and to get its research into practice
- Performance: To perform its work efficiently

The budget of £181 million (2007/2008) funds over 2,500 researchers in academic institutions and policy research institutes throughout the UK and supports more than 2,000 postgraduate students

Address: ESRC, Polaris House, North Star Avenue, Swindon, SN2 1UJ
Telephone: 01793 413000
Fax: 01793 413001
Website: www.esrc.ac.uk

9 Food Standards Agency (FSA)

The FSA is an independent Government department set up by an Act of Parliament in 2000 to protect the public's health and consumer interests in relation to food. Activities reflect the FSA vision of safe food and healthy eating for all. The research and survey work funded by the FSA is focused on helping the Agency understand food issues and meet its policy aims and objectives. The Agency does not provide research grants, but contracts research groups to address specific questions aimed at producing the background evidence on which it can base its policies.

Research areas

- Nutrition, diet and food choices
- Food-borne illnesses
- BSE research
- Assessing the safety of food components
- Chemical contaminants in food
- Radiological safety of food
- Improving consumer choice and standards of food protection
- Management and policy
- Food surveys
- Dietary surveys
- Social science

Address: FSA, Aviation House, 125 Kingsway, London, WC2B 6NH
Telephone: (0)207 276 8000
Website: www.food.gov.uk

10 Forestry Commission

The Forestry Commission is a government department with the general duty of promoting the interests of forestry, the development of afforestation, the production and supply of timber and other products in Great Britain, and of seeking a reasonable balance between forestry and conservation.

Address: Forestry Commission, 231 Corstorphine Road, Edinburgh, EH12 7AT
Telephone: (0)131 3340303
Fax: (0)131 3343047
Website: www.forestry.gov.uk

11 Health Protection Agency (HPA)

The HPA's role is to provide an integrated approach to protecting UK public health through the provision of support and advice to the NHS, local authorities, emergency services, other Arms Length Bodies, the Department of Health and the Devolved Administrations.

The HPA has a large network of approximately 3,000 staff based primarily at Colindale, Porton and Chilton. The Centre for Infections at Colindale is the base for communicable disease surveillance and specialist microbiology. The Centre for Radiation, Chemical and Environmental Hazards is based at Chilton and the Centre for Emergency Preparedness and Response, focusing on applied microbiological research and emergency response, is based at Porton.

Address: Health Protection Agency, Centre for Infections, 61 Colindale Avenue, London NW9 5EQ
Telephone: (0)208 200 4400
Fax: (0)208 200 7868
Email: infections@hpa.org.uk
Website: www.hpa.org.uk

12 Home Grown Cereal Authority (HGCA)

HGCA's mission is to improve the production and marketing of UK grain, to increase its competitiveness in UK and overseas markets. To achieve this, HGCA provides market information, promotes exports, helps in the development of products using UK cereals and funds research and development on behalf of the UK arable industry.

Address: HGCA, Caledonia House, 223 Pentonville Road, London, N1 9HY
Telephone: (0)207 520 3920
Website: www.hgca.com

13 Natural England

Natural England is working towards the delivery of four strategic outcomes, which together deliver on its purpose to conserve, enhance and manage the natural environment for the benefit of current and future generations:

- A healthy natural environment
- People are inspired to value and conserve the natural environment
- Sustainable use of the natural environment
- A secure environmental future

Address: Natural England, 1 East Parade, Sheffield, S1 2ET
Telephone: (0)114 241 8920
Email: enquiries@naturalengland.org.uk
Website: www.naturalengland.org.uk

14 Natural Environment Research Council (NERC)

NERC is the UK's main agency for funding and managing research, training and knowledge exchange in the environmental sciences. NERC coordinates some of the world's most exciting research projects, tackling major issues such as climate change, environmental influences on human health and the genetic make-up of life on earth.

Working internationally, NERC has bases in the most hostile parts of the planet. NERC runs a fleet of research ships and aircraft and invests in satellite technology to monitor gradual environmental change on a global scale. NERC provides knowledge, forewarning and solutions to the key global environmental challenges facing society.

NERC leads the collaborative Living With Environmental Change (LWEC) ten-year programme, which will provide decision makers with the best information to effectively manage and protect vital ecosystem services

Address: NERC, Polaris House, North Star Avenue, Swindon, Wiltshire, SN2 1EU
Telephone: (0)1793 411500
Fax: (0)1793 411501
Website: www.nerc.ac.uk

15 Scottish Agricultural Science Agency (SASA)

SASA is a community of 100 scientists and supporters, based in Edinburgh, whose work helps to ensure the quality, safety and security of our food supply in Scotland, and contributes to the quality of our environment.

Research areas

- Ensuring the quality of seeds and tubers for planting, and new crop varieties
- Keeping field and horticultural crops free of damaging diseases
- Keeping serious pests of plants out of the UK and Scotland
- Acting as the Scottish Executive's Inspectorate of genetically-modified crops
- Developing new and more sensitive diagnostic tests for pests and diseases
- Preserving and maintaining a wide range of historic, heritage and other varieties of potatoes, cereals, peas and brassicas
- Monitoring the pesticide load in our diet, and the pattern of use of pesticides in Scotland
- Protecting wildlife against deliberate or accidental poisoning
- Understanding the ecology of important vertebrate species (e.g. rabbits, foxes, geese)

Address: SASA, 1 Roddinglaw Road, Edinburgh, EH12 9FJ
 Telephone: (0)131 244 8890
 Fax: (0)131 244 8940
 Email: info@sasa.gsi.gov.uk
 Website: www.sasa.gov.uk

16 Scottish Aquaculture Research Forum

The Scottish Aquaculture Research Forum is an independent company whose main aim is to support research into aquaculture and related areas.

Research areas

- Environmental impacts
- Health and welfare science
- Biological cultivation

Address: SARF, PO Box 16, Birnam, Dunkeld, Perthshire, PH8 0WU
 Telephone: (0)1350 727484
 Fax: (0)1350 727484
 Email: info@sarf.org.uk
 Website: www.sarf.org.uk

17 Scottish Natural Heritage (SNH)

Scotland's natural heritage underpins the economy, health, education and well-being. A healthy environment leads to healthy people and a healthy economy. SNH's mission is based on a simple principle: to care for and sustain Scotland's natural heritage if we want it to sustain us. The role of the SNH is to look after the natural heritage, help people to enjoy and value it, and encourage people to use it sustainably.

Address: SNH, Great Glen House, Leachkin Road, Inverness, IV3 8NW
 Telephone: (0)1463 725000
 Email: enquiries@snh.gov.uk
 Website: www.snh.org.uk

18 Seafish Industry Authority (Seafish)

The Sea Fish Industry Authority (Seafish) works across all sectors of the UK seafood industry to promote good quality, sustainable seafood. Seafish research and projects are aimed at raising standards, improving efficiency and ensuring that the industry develops in a viable way.

Seafish is the UK's only cross-industry seafood body working with fishermen, processors, wholesalers, seafood farmers, fish friers, caterers, retailers and the import/export trade. A Non Departmental Public Body (NDPB), Seafish is sponsored by the four UK government fisheries departments and funded by a levy on seafood.

Address: Seafish, 18 Logie Mill, Logie Green Road, Edinburgh, EH7 4HS
 Telephone: (0)131 558 3331
 Fax: (0)131 558 1442
 Website: www.seafish.org

19 The Wellcome Trust

The Wellcome Trust spends over £600 million every year both in the UK and internationally supporting and promoting research to improve the health of humans and animals. As well as tackling immediate priorities, the independence and long-term perspective enables the Wellcome Trust to support research that will benefit future generations. This rounded view extends to the Trust's work on the impact of biomedical research. The Trust seeks to improve understanding of the ways science and medicine have developed, and how research affects people and society today. The Wellcome Trust supports research in universities and other academic centres in the UK and in overseas locations. The Trust also manages its own projects and initiatives.

Address: Wellcome Trust, Gibbs Building, 215 Euston Road, London, NW1 2BE
 Telephone: (0)207 611 8888
 Fax: (0)207 611 8545
 Email: grantenquiries@wellcome.ac.uk
 Website: www.wellcome.ac.uk

UKCDS and IATC member and partner organisations



IATC – www.theiatc.org

The International Agri-Technology Centre Ltd (IATC Ltd) in partnership with Campden BRI has been contracted by UK Trade & Investment (UKTI) to promote and support the UK's agri-food technology industry in promoting and developing its international trade potential.

IATC Ltd will work with UKTI's regional and international networks to help businesses identify opportunities and enter overseas markets and also with international governments, scientific and research institutes and commercial organisations to identify links and facilitate introductions and business meetings that may lead to commercial collaboration. It will also act as the focal point for international trade enquiries and information from overseas markets seeking goods and services from the UK.

IATC partner organisations



UKCDS – www.ukcds.org.uk

The establishment of the UKCDS was announced by the Secretary of State for International Development in December 2006 following recommendations of the Development Sciences Working Group led by the Government's Chief Scientific Adviser, Sir David King.

UKCDS brings together the key funders and stakeholders who provide support for UK science that can support and benefit developing countries. It provides a framework for a more coordinated approach to development sciences research, in order to increase its relevance and impact on national and international policies and activities that are aimed at improving the lives of the world's poorest people.

UKCDS member organisations



In partnership with the Gates Foundation – www.gatesfoundation.org



CABI – www.cabi.org

CABI is one of the world's foremost publishers of databases, books and compendia in agriculture and applied life sciences. It has a worldwide reputation for producing high quality, value-added information drawing on its links with the scientific community. CABI produces CAB Abstracts – the leading agricultural A&I database. CABI is a not-for-profit organisation. For further information contact: CABI, Nosworthy Way, Wallingford, Oxon, OX10 8DE, UK. Website: www.cabi.org