

Cutting-edge research may seem a long way off when you have not even been to your first lecture, but a university's ability to deliver high-quality teaching to legions of undergraduates is inextricably linked with its capacity to attract the most capable academics within their fields. While some devote themselves solely to research, most academics combine it with teaching.

The quality of this research work is reviewed regularly, with all the institutions deciding which staff they want assessed. The bulk of the data below is drawn from the most recent research assessment exercise (RAE), published in 2001. A new round of assessments begins next year across 70 subjects, with the results published in December 2008. Subjects are graded from 5\* (denoting international excellence in at least half the work submitted) and 5 (internationally excellent in up to half the work) down to 1 (work not considered notable at national level). The outcomes help determine government funding.

The number of 5\* subjects across all universities and colleges increased substantially from 170 in 1996 to 284 in 2001. The list below shows all the subjects rated internationally excellent in the 2001 ratings — 999 in all, earning 5\* or 5 ratings. Those subjects graded internationally excellent in more than half the work submitted are denoted with a \*. Subjects are listed alphabetically by assessment category, but they may be known by different names in institutions.

A separate panel of gold-standard subjects is also shown. This is the elite band of subjects rated 5\* in both the 1996 and 2001 assessments. Listed by institution, they show Cambridge and Oxford have the lion's share of subjects demonstrating sustained research excellence.

The research rankings in this guide are produced from these subject scores, as well as the proportion of academic staff submitted for assessment. This rewards outright research quality as well as strength and depth when it comes to conducting research at the highest level.

## GOLD STANDARD CENTRES OF EXCELLENCE

<b>Bath (1)</b> Mechanical, Aeronautical and Manufacturing Engineering.
<b>Birmingham (4)</b> Anatomy; European Studies (Centre for European Studies); Metallurgy and Materials; Middle Eastern and African Studies.
<b>Bristol (1)</b> Geography.
<b>Cambridge (21)</b> Applied Mathematics; Archeology; Biological Sciences (Biochemistry/Zoology); Chemistry; Classics, Ancient History, Byzantine and Modern Greek Studies; Community-Based Clinical Subjects; Computer Science; Earth Sciences; English Language and Literature; French; General Engineering; German, Dutch and Scandinavian Languages; History; Iberian and Latin American Languages; Italian; Law; Metallurgy and Materials; Philosophy (History and Philosophy of Science); Physics; Psychology; Statistics and Operational Research.
<b>Cardiff (1)</b> Town and Country Planning.
<b>Durham (1)</b> Geography.
<b>East Anglia (1)</b> Environmental Sciences.
<b>Edinburgh (2)</b> Electrical and Electronic Engineering; Geography.
<b>Essex (2)</b> Politics and International Studies; Sociology.
<b>Heriot-Watt (1)</b> Mineral and Mining Engineering.
<b>Imperial (6)</b> Chemical Engineering; Civil Engineering; Computer Science; Hospital-Based Clinical Subjects (National Heart and Lung Institute); Mechanical, Aeronautical and Manufacturing Engineering; Pure Mathematics.
<b>King's (5)</b> Classics, Ancient History, Byzantine and Modern Greek Studies; Community-Based Clinical Subjects (Institute of Psychiatry); German, Dutch, and Scandinavian Languages; History; Politics and International Studies (War Studies).
<b>Lancaster (2)</b> Business and Management Studies; Sociology.
<b>Leeds (4)</b> Food Science and Technology; Italian; Mechanical, Aeronautical and Manufacturing Engineering; Town and Country Planning.
<b>Liverpool (1)</b> Physiology.
<b>LSE (2)</b> Economics and Econometrics; Social Policy and Administration.
<b>Manchester (4)</b> Accounting and Finance; Metallurgy and Materials; Music; Theology, Divinity and Religious Studies.
<b>Nottingham (1)</b> German, Dutch and Scandinavian Languages.
<b>School of Oriental and African Studies (1)</b> History.
<b>Oxford (19)</b> Archeology; Asian Studies; Chemistry; Classics, Ancient History, Byzantine and Modern Greek Studies; Clinical Laboratory Sciences (Dunn School of Pathology); Community-Based Clinical Subjects; Earth Sciences; English Language and Literature; French; General Engineering; Hospital-Based Clinical Subjects; Law; Metallurgy and Materials; Music; Psychology; Physics; Philosophy; Politics and International Studies; Pure Mathematics.
<b>Queen's, Belfast (1)</b> Mechanical, Aeronautical and Manufacturing Engineering.
<b>Reading (1)</b> Environmental Sciences.
<b>Royal Holloway (1)</b> Music.
<b>Salford (1)</b> Built Environment.
<b>Sheffield (3)</b> Electrical and Electronic Engineering; Library and Information; Metallurgy and Materials.
<b>Southampton (1)</b> Electrical and Electronic Engineering.
<b>St Andrews (1)</b> Psychology.
<b>Surrey (1)</b> Electrical and Electronic Engineering.
<b>Swansea (1)</b> Civil Engineering.
<b>UCL (7)</b> Classics, Ancient History, Byzantine and Modern Greek Studies; Economics and Econometrics; English Language and Literature; Geography; Hospital-Based Clinical Subjects (Institute of Ophthalmology); Italian; Pharmacology.
<b>Ulster (1)</b> Other Studies and Professions Allied to Medicine (Biomedical Sciences).
<b>York (2)</b> Computer Science; Psychology.

Abbreviations: King's, King's College London; Open, The Open University; SEESS, School of Eastern European and Slavonic Studies; Soas, School of Oriental and African Studies; UCL, University College London; Umist, University of Manchester Institute of Science and Technology; Uwic, University of Wales Institute Cardiff. Scores for Umist (University of Manchester Institute of Science and Technology) have been assigned to Manchester following its merger in 2004. Where both institutions gained 5 or 5\* ratings, only Manchester's is shown.

## BUSINESS

**Accounting and Finance** Bangor; Bristol; Durham; Edinburgh; Essex; Exeter; Glasgow; LSE\*; Manchester\*; Newcastle; Paisley; Stirling; Strathclyde; West of England.  
**Business and Management Studies** Aston; Bath; Cambridge; Cardiff; City; Imperial; Lancaster\*; Leeds; LSE; Manchester; Nottingham; Oxford; Reading; Warwick\*.

## CULTURAL STUDIES

**American Studies** Keele; Liverpool; Nottingham\*; Sussex.  
**Asian Studies** Cambridge\*; Edinburgh; Hull; Leeds; Soas; Oxford\*; Westminster.  
**Celtic Studies** Aberystwyth\*; Aston; Bangor\*; Cambridge\*; Cardiff; Edinburgh; Oxford; Queen's Belfast; Swansea; Ulster\*.  
**European Studies** Bath; Birmingham (Centre for Russian and East European Studies\*); Institute of German Studies; Bradford\*; Brighton; Cardiff; Glasgow\*; Lancaster; Loughborough; Portsmouth; Queen's Belfast (European Studies; Irish Studies); Salford; Southampton\*; Surrey; UCL.  
**Middle Eastern and African Studies** Birmingham\*; Cambridge; Edinburgh\*; Exeter; Manchester; Soas; Oxford.

## EDUCATION

**Education** Bath; Birmingham; Bristol\*; Cambridge; Cardiff\*; Durham; Exeter; King's; Lancaster; Oxford; Sheffield; Sussex.  
**Sports-related Subjects** Bangor; Birmingham\*; Exeter; Glasgow\*; Liverpool John Moores\*; Loughborough\*; Manchester Metropolitan\*.

## ENGINEERING

**Chemical Engineering** Birmingham\*; Cambridge; Imperial\*; Manchester; Newcastle; Surrey (Centre for Environmental Strategy); UCL\*.  
**Civil Engineering** Birmingham; Bristol\*; Cardiff\*; Dundee; Edinburgh; Imperial\*; Leeds; Manchester; Newcastle (Civil Engineering/Marine Technology); Nottingham; Queen's Belfast; Sheffield; Southampton\*; Swansea\*; UCL (Civil and Environmental Engineering).  
**Electrical and Electronic Engineering** Birmingham; Bristol; Cardiff; Edinburgh\*; Essex; Glasgow; Imperial; King's; Leeds\*; Liverpool; Loughborough; Manchester; Newcastle; Queen's Belfast; Reading; Sheffield (Automatic Control and Systems Engineering\*); Electronic and Electrical Engineering\*; Southampton\*; Strathclyde; Surrey\*; UCL.  
**General Engineering** Aston; Brunel; Cambridge\*; Durham; Imperial\*; Keele; Leeds; Leicester; Liverpool John Moores; Oxford\*;



Top gun: Leeds University is a centre of excellence for aeronautical and manufacturing engineering

Strathclyde; Sussex; Warwick.  
**Mechanical, Aeronautical and Manufacturing Engineering** Bath\*; Bradford; Bristol (Mechanical Engineering); Brunel; Glasgow (Mechanical Engineering); Imperial\*; King's; Leeds\*; Liverpool\*; Loughborough; Manchester; Nottingham; Queen's Belfast\*; Queen Mary; Sheffield; Southampton\*; Strathclyde (Mechanical Engineering); UCL.  
**Metallurgy and Materials** Birmingham\*; Cambridge\*; Imperial; Liverpool; Manchester\* (Metallurgy and Minerals); Oxford\*; Queen Mary; Sheffield\*; Sheffield Hallam.  
**Mineral and Mining Engineering** Heriot-Watt\*; Imperial\*.

## ENVIRONMENT

**Built Environment** Bath; Cardiff; Heriot-Watt; Loughborough\*; Reading; Salford\*; Sheffield; Ulster.  
**Town and Country Planning** Aberdeen; Cambridge; Cardiff\*; Glasgow; Leeds\*; Newcastle; Reading; Sheffield.

## HUMANITIES

**Archeology** Bradford; Cambridge\*; Cardiff; Durham; Exeter; Leicester; Liverpool; Oxford\*; Queen's Belfast; Reading\*; Sheffield; Southampton; UCL.  
**Art and Design** Arts London; Bournemouth; Brighton; City; Goldsmiths; Newport; Open; Reading (Typography); Sheffield Hallam; UCL; Ulster.  
**Communication, Cultural and Media Studies** Cardiff; East Anglia\*; East London; Goldsmiths\*; Nottingham Trent; Stirling; Warwick; Westminster.  
**Drama, Dance and Performing Arts** Aberystwyth; Bristol\*; Kent; Manchester; Nottingham Trent; Reading; Royal Holloway; Warwick\*.  
**History** Birkbeck\*; Birmingham; Cambridge\*; Cardiff; Dundee; Durham\*; East Anglia\*; Edinburgh; Essex; Exeter; Glasgow; Hertfordshire; Huddersfield; Hull; Imperial; Keele; King's\*;

Leeds; Leicester; Liverpool; LSE (Economic History; International History\*); Manchester; Soas\*; Oxford; Oxford Brookes\*; Queen's Belfast; Queen Mary; Roehampton; Royal Holloway; St Andrews; Sheffield; Sheffield Hallam; Southampton; Stirling; Teesside; UCL; Warwick; York.  
**History of Art, Architecture and Design** Birkbeck; Birmingham; Cambridge; East Anglia; Essex; Glasgow; Manchester; Middlesex; Open; Plymouth; St Andrews; Sussex; UCL; Warwick.  
**Library and Information Management** Brunel; City; Loughborough; Salford\*; Sheffield\*.

**Music** Bangor; Birmingham\*; Bristol; Cambridge\*; Cardiff; City\*; Goldsmiths; Huddersfield; Hull; King's; Manchester\*; Newcastle\*. Nottingham\*; Soas; Oxford\*; Queen's Belfast; Royal Holloway\*; Sheffield; Southampton\*; Sussex; York.  
**Philosophy** Birkbeck; Bristol; Cambridge (History and Philosophy of Science\*; Philosophy\*); Durham; East Anglia; Edinburgh\*; Essex; King's\*; Leeds; LSE\*; Middlesex; Nottingham; Oxford\*; Reading; St Andrews; Sheffield; Stirling; Sussex; UCL; Warwick; York.  
**Theology, Divinity and Religious Studies** Aberdeen; Birmingham; Bristol; Cambridge; Cardiff\*; Durham; Edinburgh; Exeter; Glasgow; King's; Lampeter; Lancaster; Manchester\*; Newcastle; Nottingham\*; Soas; Oxford\*; St Andrews; Sheffield (Biblical Studies); Stirling.

## LANGUAGES AND LITERATURE

**Classics, Ancient History, Byzantine and Modern Greek Studies** Birmingham (Centre for Byzantine, Ottoman and Modern Greek Studies); Bristol; Cambridge\*; Durham; Exeter; King's\*; Manchester; Oxford\*; Reading; Royal Holloway; St Andrews; UCL\*; Warwick.  
**English Language and Literature** Anglia Ruskin; Birkbeck\*; Birmingham; Bristol; Cambridge\*; Cardiff\*; De Montfort; Durham\*; East Anglia; Edinburgh\*; Exeter; Glasgow\*; Goldsmiths; Hull; Keele; Kent; Lampeter;

Lancaster; Leeds\*; Leicester; Liverpool\*; Loughborough; Manchester; Newcastle; Nottingham; Nottingham Trent; Oxford\*; Oxford Brookes; Queen's Belfast; Queen Mary; Reading\*; Royal Holloway; St Andrews\*; Sheffield; Southampton; Stirling; Strathclyde; Sussex; UCL\*; Warwick\*; York\*.  
**French** Aberdeen\*; Birmingham\*; Bristol; Cambridge\*; Durham; Edinburgh; Glasgow; King's; Liverpool; Manchester\*; Nottingham; Oxford\*; Oxford Brookes; Queen Mary; Reading; Royal Holloway\*; Sheffield; Stirling; UCL; Warwick.

**German, Dutch and Scandinavian Languages** Birkbeck; Birmingham\*; Bristol; Cambridge\*; Edinburgh\*; Exeter\*; King's\*; Liverpool; Manchester\*; Nottingham\*; Oxford; Queen Mary; Royal Holloway\*; Swansea; UCL (Dutch; German\*; Scandinavian Studies); Warwick.

**Iberian and Latin American Languages** Birkbeck\*; Birmingham; Cambridge\*; Edinburgh; King's (Portuguese\*; Spanish\*); Manchester\*; Newcastle; Nottingham\*; Oxford; Queen Mary\*; St Andrews; Sheffield; Swansea.  
**Italian** Birmingham\*; Bristol; Cambridge\*; Leeds\*; Manchester; Oxford\*; Reading\*; UCL\*; Warwick.

**Linguistics** Cambridge\*; Durham; Edinburgh; Essex; Lancaster; Manchester; Newcastle; Oxford\*; Queen Mary\*; UCL\*; Westminster; York.

**Russian, Slavonic and East European Languages** Bristol\*; Cambridge; Exeter; Nottingham; Oxford\*; Portsmouth; Queen Mary; Sheffield\*; Surrey.

## MATHS AND COMPUTING

**Applied Mathematics** Bath\*; Birmingham; Bristol\*; Brunel; Cambridge\*; Dundee; Durham\*; Edinburgh; Exeter; Glasgow; Heriot-Watt; Imperial\*; Keele; Kent; King's; Leeds; Leicester; Liverpool; Manchester; Nottingham; Oxford; Portsmouth; Reading; St Andrews; Southampton; Strathclyde; Surrey; Sussex; UCL; Warwick\*; York.  
**Computer Science** Birmingham; Bristol;

Cambridge\*; Cardiff; Edinburgh\*; Glasgow; Imperial\*; Lancaster; Leeds; Liverpool; Manchester\*; Newcastle; Nottingham; Oxford; Plymouth; Royal Holloway; St Andrews; Sheffield; Southampton\*; Sussex; Swansea; UCL; Warwick; York\*.  
**Pure Mathematics** Aberdeen; Bath; Birmingham; Bristol; Cambridge\*; Cardiff; Durham; East Anglia; Edinburgh\*; Glasgow; Imperial\*; King's; Leeds; Leicester; Liverpool; Manchester; Newcastle; Nottingham; Oxford\*; Queen Mary; Royal Holloway; St Andrews; Sheffield; Southampton; Swansea; UCL; Warwick; York.  
**Statistics and Operational Research** Bath; Bristol\*; Cambridge\*; Glasgow; Heriot-Watt; Imperial; Kent\*; Lancaster\*; Leeds; Newcastle; Nottingham; Oxford\*; Queen Mary; St Andrews; Salford; Sheffield; Southampton (Statistics; Operational Research); Surrey; UCL; Warwick\*.

## MEDICINE - Clinical

**Cancer Studies** Bristol; Cambridge\*; Dundee\*; Imperial\*; Leeds; Liverpool; Queen's Belfast.  
**Cardiovascular Medicine** Imperial\*.  
**Clinical Laboratory Sciences** Birmingham\*; Bristol; Cambridge\*; Dundee\*; Glasgow; Imperial\*; King's; Leeds; Liverpool; Newcastle\*; Oxford (Dunn School of Pathology\*); Clinical Laboratory Sciences); Southampton.  
**Community-based Clinical Subjects** Aberdeen; Bristol\*; Cambridge\*; Imperial; King's (Institute of Psychiatry\*); Manchester; Newcastle; Oxford\*; Queen's Belfast; York.  
**Epidemiology, Public Health Research and Health Services Research** Aberdeen; Bristol\*; Cambridge\*; Imperial; Manchester; Oxford\*.  
**Infection and Immunology** Aberdeen; Bristol; Cambridge\*; Dundee; Glasgow\*; Imperial\*; King's\*; Leicester; Liverpool; Newcastle\*, Oxford (Clinical Laboratory Sciences\*);  
**Neuroscience** Dundee\*; Imperial.  
**Primary Care** Aberdeen; Birmingham\*; Cambridge\*; Manchester\*; Oxford\*.  
**Psychiatry** Cambridge\*; Dundee; Imperial; King's (Institute of Psychiatry\*; School of Medicine); Manchester; Newcastle; Nottingham; Oxford.

## MEDICINE - General

**Anatomy** Birmingham\*; Bristol\*; Cambridge; King's\*; Oxford; UCL.  
**Clinical Dentistry** Bristol\*; Dundee; King's\*; Newcastle; Queen Mary; Sheffield; UCL.  
**Nursing** Manchester; Newcastle; Sheffield; York.  
**Other Studies and Professions Allied to Medicine** Aston; Bradford (Biomedical Sciences); Brighton (Biomedical Sciences); Cardiff\*; City (Optometry and Visual Science); King's (Nutrition and Dietetics); Leeds; Manchester\*; Nottingham Trent; Portsmouth; Strathclyde; Surrey\*; UCL; Ulster (Biomedical Sciences\*);  
**Pharmacology** Cambridge; Leicester; Liverpool; Oxford\*; UCL\*.  
**Pharmacy** Bath\*; Cardiff; King's; Manchester\*; Nottingham; Strathclyde.  
**Physiology** Aberdeen; Leeds; Liverpool\*; Newcastle; Oxford.  
**Pre-clinical Studies** Birmingham; Imperial; King's; Manchester\*; Sheffield\*.  
**Psychology** Bangor\*; Birkbeck; Birmingham\*; Bristol\*; Cambridge\*; Cardiff\*; Durham; Edinburgh; Essex; Exeter; Glasgow\*; Lancaster; Leeds; Manchester; Newcastle\*; Nottingham; Oxford\*; Plymouth; Reading\*, Royal Holloway; St Andrews\*; Sheffield; Southampton; Stirling; Surrey; Sussex; UCL\*; Warwick; York\*.

## MEDICINE - Hospital

**Cancer Studies** Cambridge; Edinburgh\*; Keele; King's; Manchester\*; Newcastle\*; Oxford; Sheffield; UCL (Institute of Child Health\*);  
**Cardiovascular Medicine** Cambridge\*; Edinburgh\*; Glasgow; Imperial\*; Leicester; Manchester; Sheffield; UCL (Institute of Child Health).  
**Hospital-based Clinical Subjects** Birmingham; Cambridge\*; Dundee; Edinburgh\*; Exeter; Glasgow; Imperial\*; Manchester; Newcastle; Oxford\*; Sheffield; Southampton; UCL (Royal Free and University College Medical School; Institute of Child Health\*); Institute of

Neurology\*; Institute of Ophthalmology\*);  
**Infection and Immunology** Aberdeen\*; Cambridge\*; Edinburgh\*; Imperial\*; King's; Liverpool\*; Oxford\*; Sheffield\*; UCL (Institute of Child Health\*);  
**Neuroscience** Cambridge\*; Edinburgh; Imperial; Oxford; UCL (Institute of Child Health\*); Institute of Neurology\*).

## SCIENCE

**Agriculture** Aberdeen (Plant and Soil Science); Bangor; Nottingham; Reading (Agriculture; Plant Sciences); Stirling.  
**Biological Sciences** Aberdeen; Bath; Birkbeck (Crystallography); Birmingham; Bristol (Biological Sciences; Biochemistry\*); Cambridge (Biochemistry\*; Genetics; Plant Sciences; Zoology\*; Biotechnology); Cardiff (Mammalian and Medical Biology); Dundee\*; Durham; East Anglia; Edinburgh; Glasgow; Imperial\*; King's (Biophysics [Randall Centre]); Leeds; Leicester (Biochemistry; Biology; Genetics\*); Liverpool; Manchester\*; Newcastle\*; Nottingham (Genetics); Oxford (Zoology; Biochemistry); Royal Holloway; St Andrews; Sheffield (Animal and Plant Sciences\*; Molecular and Cellular Biology\*); Southampton; Sussex; UCL (Biochemistry and Molecular Biology; Biology); Warwick; York.  
**Chemistry** Birmingham; Bristol\*; Cambridge\*; Durham\*; East Anglia; Edinburgh; Imperial\*; Leeds; Liverpool; Manchester; Nottingham; Oxford\*; St Andrews; Sheffield; Southampton; Sussex; UCL\*; Warwick; York.  
**Earth Sciences** Birkbeck; Bristol\*; Cambridge\*; Cardiff; Edinburgh; Lancaster; Leeds; Liverpool; Manchester; Newcastle; Open; Oxford\*; Royal Holloway; UCL.  
**Environmental Sciences** East Anglia\*; Leeds; Reading\*; Southampton.  
**Food Science and Technology** Leeds\*; Nottingham; Reading.  
**Physics** Birmingham; Bristol; Cambridge\*; Cardiff; Durham; Edinburgh; Exeter; Glasgow; Imperial\*; Lancaster\*; Leeds; Leicester; Liverpool; Manchester; Nottingham; Oxford\*; Queen's Belfast; Queen Mary; Royal Holloway; St Andrews; Sheffield (Physics and Astronomy; Medical Physics and Clinical Engineering); Southampton\*; Surrey; Sussex; Swansea; UCL; Warwick.  
**Veterinary Science** Bristol; Cambridge; Edinburgh; Glasgow; Liverpool.

## SOCIAL SCIENCES

**Anthropology** Cambridge; Durham; Edinburgh; Goldsmiths; Kent; LSE\*; Manchester; Soas; Oxford; Queen's Belfast; Roehampton; St Andrews; Sussex; UCL\*.  
**Economics and Econometrics** Birkbeck; Cambridge; Essex\*; Exeter; Leicester; LSE\*; Nottingham; Oxford; Queen Mary; Southampton; UCL\*; Warwick\*; York.  
**Geography** Bristol\*; Cambridge; Durham\*; Edinburgh\*; Hull; Leeds; LSE; Loughborough; Newcastle; Nottingham; Open\*; Queen Mary; Royal Holloway\*; Sheffield; Southampton; UCL\*.  
**Law** Aberdeen; Birkbeck; Birmingham; Bristol; Brunel; Cambridge\*; Cardiff; City; Dundee; Durham\*; East Anglia; Edinburgh; Essex; Exeter; Glasgow; Hull; Keele\*; Kent; King's; Lancaster; Leeds; Leicester; LSE\*; Manchester; Newcastle; Nottingham; Soas; Oxford\*; Queen's Belfast; Queen Mary\*; Reading; Sheffield; Southampton\*; Strathclyde; UCL\*; Ulster; Warwick; Westminster.  
**Politics and International Studies** Aberystwyth\*; Birkbeck; Birmingham; Bradford; Bristol; De Montfort; Essex\*; Exeter; Glasgow; Hull; Keele; King's (War Studies\*); LSE; Manchester; Newcastle; Oxford\*; Queen's Belfast; Reading; St Andrews; Sheffield\*; Strathclyde; Sussex (Science and Technology Policy Research); Warwick; York.  
**Social Policy and Administration** Bath; Bristol; Keele; Kent\*; Leeds; LSE\*; Manchester; Sheffield; Southampton; York.  
**Social Work** Bristol\*; East Anglia; Huddersfield; Lancaster; Stirling; Swansea; Warwick; York.  
**Sociology** Aberdeen; Bristol; Brunel; Cambridge; Cardiff; Edinburgh; Essex\*; Exeter; Goldsmiths\*; Lancaster\*; LSE; Loughborough\*; Manchester\*; Oxford; Queen's Belfast; Surrey\*; Warwick; York.