

Introduction

We would like to hear your views on how the different features of the research environment are affecting, both positively and negatively, the work and behaviour of all kinds of UK scientists at different stages of their careers.

Not all the questions in this survey will be relevant to everyone, so please answer as many or as few questions as you like. We are particularly interested to hear about personal experiences or specific examples. Please be as honest and candid as you can.

We don't ask you for your name or employer, but we do ask you to tell us a bit about yourself and where you work (e.g. your gender, age, sector etc). We will use this to look for common themes across the responses we receive.

This survey is part of a project involving the Nuffield Council on Bioethics, Royal Society, Society of Biology, Institute of Physics and Royal Society of Chemistry. A series of events across the UK will also take place this summer to discuss the issues with scientists and others. The findings of the survey and events will be published towards the end of 2014. [Find out more](#) about the project.

We ask you to provide an email address if you would like to receive a summary of the project findings and be kept informed of future activities relating to the project. We will not share your email address with anyone else. If you would like to receive this information but would prefer not to provide your email address as part of your response, you can register for updates about the project [here](#).

If you have any questions please contact Catherine Joynton at the Nuffield Council on Bioethics:
cjoynton@nuffieldbioethics.org

We look forward to reading your responses and thank you very much for taking the time to respond.

Ottoline Leyser

*Deputy Chair of the Nuffield Council on Bioethics
Professor of Plant Development, University of Cambridge*

About you

1. What area(s) of science do you work in, if relevant? You can tick more than one answer

- Bioscience
- Medicine
- Physics
- Chemistry
- Mathematics
- Engineering
- Computing
- Veterinary science
- Psychology
- Social sciences
- Across all sciences

Other (please specify)

About you

2. What type of organisation do you work for, if relevant? You can tick more than one answer.

- University
- Research institution
- Contract research organisation
- Biotechnology / pharmaceutical company
- Regulator
- Funding body
- Government department
- Charity or NGO
- Publisher
- Professional body
- Other (please specify)

About you

3. Which of the following most closely matches your job title?

- Post-doctoral researcher
- Researcher / Lecturer
- Senior Researcher / Lecturer
- Reader
- Professor
- Head of Department
- Research Support Officer
- Research Support Manager
- Executive Officer
- Senior Executive Officer
- Chief Executive

Other (please specify)

About you

Click Next if this question is not relevant to you

4. What motivates you in your work as a scientist?

Please rank in order of priority, with 1 indicating what motivates you most, and 10 what motivates you least. When you select a ranking number from the drop-down menu next to an answer choice, the other answer choices dynamically adjust to the ranking order selected.

Improving my knowledge and understanding

Making scientific discoveries for the benefit of society

Gaining recognition from my peers

Progressing my career

Gaining recognition from the public

Satisfying my curiosity

Working as a team

Communicating science to others

Training the next generation of scientists

Earning a salary

Your views

5. Please select five words from the list below that best describe your understanding of 'high quality research'

- Rigorous
- Transparent
- Honest
- Beneficial to society
- Respectful
- Legal
- Original
- Justified
- Accurate
- Ethical
- Open

Other (please specify)

Your views

We are now going to ask you a series of questions about the effects that you think different features of the UK research environment are having on scientists.

6. What effect are these features of the UK research environment having on scientists in terms of encouraging the production of high quality science?

	Very positive effect overall	Positive effect overall	No effect overall	Negative effect overall	Very negative effect overall	I don't know
The Research Excellence Framework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How funding for specific projects and programmes is awarded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How multidisciplinary & collaborative research is supported	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments (if any)

Your views

7. What effect are these features of the UK research environment having on scientists in terms of encouraging the production of high quality science?

	Very positive effect overall	Positive effect overall	No effect overall	Negative effect overall	Very negative effect overall	I don't know
Open access publishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The peer review system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Media coverage of science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments (if any)

Your views

8. What effect are these features of the UK research environment having on scientists in terms of encouraging the production of high quality science?

	Very positive effect overall	Positive effect overall	No effect overall	Negative effect overall	Very negative effect overall	I don't know
How scientists are assessed for promotion during their careers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provision of professional education, training and supervision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commercialisation of research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments (if any)

9. What effect are these features of the UK research environment having on scientists in terms of encouraging the production of high quality science?

	Very positive effect overall	Positive effect overall	No effect overall	Negative effect overall	Very negative effect overall	I don't know
Ethical review processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research governance and contractual processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Initiatives that promote integrity in science, such as codes of conduct	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data sharing policies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments (if any)

Your views

10. Which feature/s of the UK research environment do you think are having the most positive effect on scientists in terms of encouraging high quality science?

11. How are they having a positive effect?

Your views

12. Which feature/s of the UK research environment do you think are having the most negative effect on scientists in terms of discouraging high quality science?

13. How are they having a negative effect?

Your views

14. How competitive do you think these different aspects of working as a scientific researcher are?

	Very competitive	Quite competitive	Not competitive	I don't know
Making discoveries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applying for funding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applying for jobs and promotions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gaining peer recognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gaining public recognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

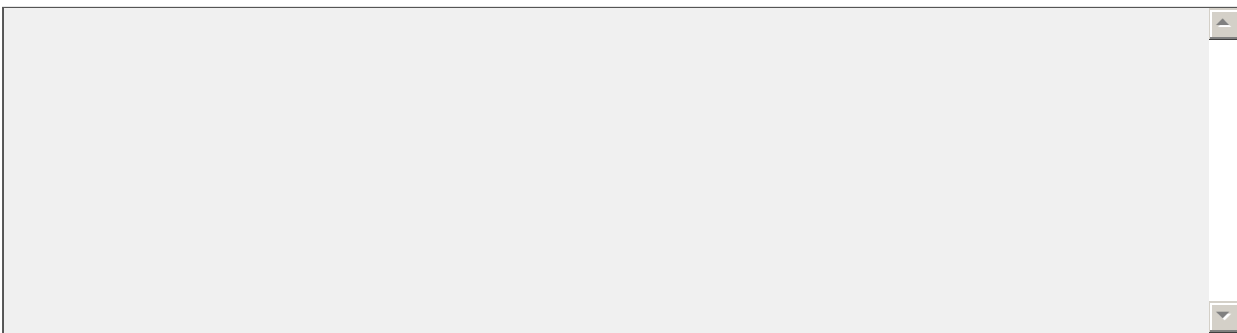
Comments (if any)

Your views

15. What kind of effect do you think competition in science is having on the production of high quality science?

- Very positive effect overall
- Positive effect overall
- No effect overall
- Negative effect overall
- Very negative effect overall
- I don't know

Please give reasons for your answer



Your views

16. In your experience, have you ever been aware of scientists feeling tempted or under pressure to compromise on research integrity and standards?

- Yes
- No
- I don't know

If yes, please describe

Your views

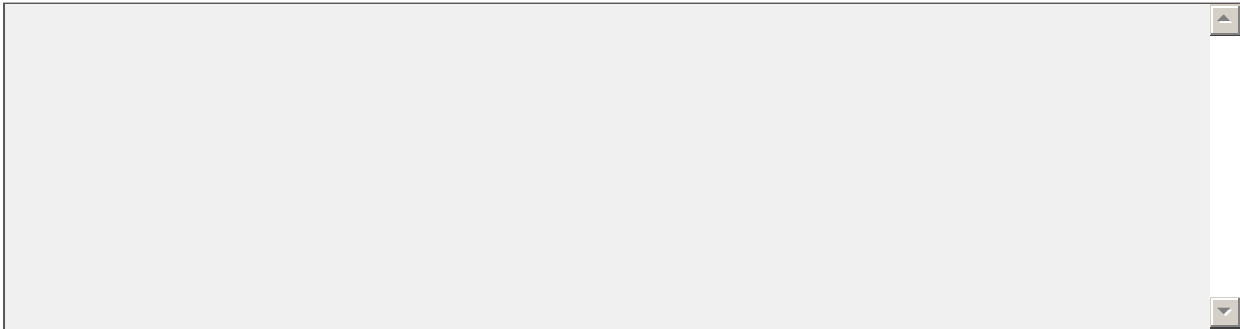
17. Have you personally ever felt tempted or under pressure to compromise on research integrity and standards?

- Yes
- No
- I don't know

If yes, please describe

Your views

18. Is there anything you would like to change about the UK research environment in order to encourage the production of high quality science? Please provide details in your answer



About you

We are now going to ask a few more questions about you. These are optional, as are all the questions in this survey, and you can click Next to skip to the next question.

19. What is your gender?

- Male
- Female
- Prefer not to answer

About you

20. How old are you?

- Under 18
- 18-25
- 26-35
- 36-45
- 46-55
- 56-65
- Over 65
- Prefer not to answer

About you

21. What is your nationality?

Using your response

22. We may want to quote parts of your answers in a summary of the survey findings, alongside the anonymous information you have provided about yourself (e.g. your gender, job title and the area of science you work in). Are you happy for us to do this?

Yes

No

Feedback

If you would like to be kept informed of future activities relating to the project but would prefer not to provide your email address as part of this survey, you can register for updates about the project [here](#).

23. Would you like to receive a copy of the findings of the project and be kept informed of future activities relating to the project?

- No thank you
- Yes please

If you answered yes, please provide your email address - we will only use it for this purpose and won't share it with anyone else

Focus group

24. Would you be interested in taking part in a small focus group session to discuss some of the issues covered in this survey?

- No thank you
- Yes please (if you haven't already done so, please provide your email address so we can contact you - we will only use it for this purpose and won't share it with anyone else)

Email address

How did you hear about us

25. How did you hear about the survey?

- Twitter
- Facebook
- Nuffield Council on Bioethics website
- Email
- Newsletter
- Search engine
- Other (please specify)

Further comments

26. Please use this space to provide any other comments about the issues raised in this survey



Thank you

Thank you very much for taking the time to complete this survey. [Find out more](#) about the project.