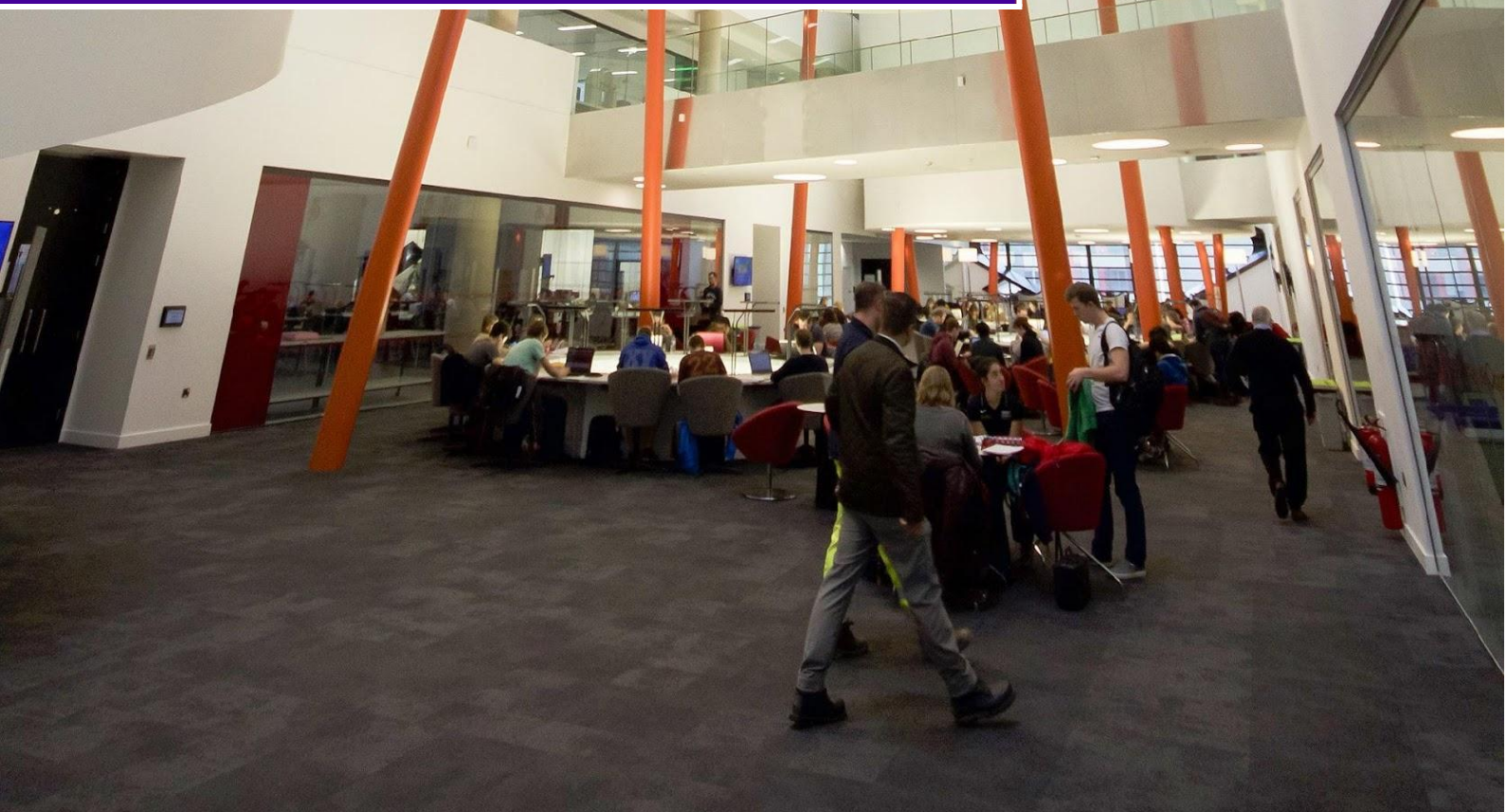




University of
Sheffield

Department of
Computer Science

**Fellowship opportunities
and expression of interest**





Our Department

Thank you for your interest in applying for a Fellowship with us in the Department of Computer Science. We are committed to advancing the theoretical foundations of computer science and to achieving impact through close collaboration with end users. We are excited to welcome excellent applicants to Fellowship Schemes to join our growing Department where you will find a collegiate, supportive and collaborative environment in which you can thrive.

As a Fellowship holder, you will be joining one of the top computer science departments in the UK. Our researchers regularly publish in the top journals and conferences, and this is translated to real-world impact. We encourage multi-disciplinary research and support this through a number of mechanisms including joint appointments with the Advanced Manufacturing Research Centre (AMRC) and also the Sheffield Teaching Hospitals NHS Foundation Trust.

In the latest Research Excellence Framework (REF 2021), 99% of our research was rated in the highest two categories, meaning it is classed as world-leading or internationally excellent. We are rated 8th nationally for the quality of our research environment, demonstrating that our Department is a vibrant and progressive place to undertake research with significant reach and impact. Our research has brought about commercial benefits, helped to combat social problems, and shaped international policy and public debate, positively impacting on the lives of many thousands of people around the globe. In recent years, our successful impact pipeline has produced three spin-out companies, informed UNESCO's COVID-19 response and added \$120m to the value of a Silicon Valley technology company.

Our vision is to address major challenges within four main themes: speech and language, healthcare

technologies, bioinspired machine intelligence and dependable and secure systems. Our strategy is to grow a large cohort of excellent researchers that exhibit breadth as well as depth, allowing us to forge international collaborations that advance the discipline and create real-world impact. Work across our four themes spans novel contributions to the theoretical foundations of the discipline through to the translation of our research into applications used by people across the globe. Research is supported by substantial investment in computing facilities and infrastructure and a considerable Research Software Engineering group. We will also support you in making decisions that will affect others: it's crucial that as computer science professionals we understand the ethical implications of our work and are mindful of its environmental impact.

Our Department recognises the positive value of diversity in the workplace and we are committed to a culture of equality and inclusion. The Equality Challenge Unit awarded us the Athena SWAN Silver Award: a framework which is used across the globe to support and transform gender equality within higher education (HE) and research. The award recognises the actions we've taken as a Department to promote a truly innovative working environment where everyone can realise their potential.

This is an exciting period of growth in our Department and we're looking forward to building on our successes in pursuit of our aim of becoming one of the very best universities in the UK to study and research computer science. If you'd like to help us achieve our ambitions, please complete the attached Expression of Interest Form.

Professor Richard Clayton
Director of Research
Department of Computer Science
r.h.clayton@sheffield.ac.uk



Expression of interest - Fellowship application

Name:
Fellowship scheme you are interested in applying for:
Link to webpage of fellowship scheme notes:
Please provide a brief, high-level description of your research idea. It would be helpful to particularly highlight what, in your opinion, makes this research excellent (200 words max):
What has motivated you to apply to this particular Fellowship call, and how is this call a good fit to your proposal (200 words max)?
Why is the fellowship route the best for you at your career stage? Share with us what makes you the best candidate for this particular fellowship (200 words max):



Please tell us what resources you would require to be able to carry out this research (e.g. technical expertise, equipment, infrastructure, administrative support, etc) (200 words max):

How does this research proposal align with our Departmental research themes, as outlined in this brochure by our Director of Research (200 words max)?

**Expressions of interest to be returned to Professor Richard
Clayton (r.h.clayton@sheffield.ac.uk)**