



*"Creating future innovators and impact for education, industry,
the professions and society"*

NOTTINGHAM TRENT UNIVERSITY
SUPPORTING RESEARCH EXCELLENCE, NURTURING RESEARCH TALENT

1 PhD studentship in School of Science & Technology

PhD in Security Screening

Applications are invited for a PhD studentship, to be undertaken at Nottingham Trent University (School of Science & Technology). Supervision will be led by Professor Paul Evans, School of Science & Technology (NTU Clifton Campus). The student will be primarily based at the Clifton campus of Nottingham Trent University.

AWARD

The studentship will pay UK/EU fees and provide a maintenance stipend linked to the RCUK rate for up to four years. Applications from non-EU students are welcome, but a successful candidate would be responsible for paying the difference between non-EU and UK/EU fees. (Fees for 2017/18 are £12,900 for non-EU students and £4,195 for UK/EU students and are subject to annual increase.

HOW TO APPLY

For further details please see the web site here:

<https://www.ntu.ac.uk/research/doctoral-school/studentships>

You can obtain an application form, notes for completion and guidance from our webpages [here](#)

ELIGIBILITY & ENTRY REQUIREMENTS

Applicants must have a minimum of a first class or upper second class UK BSc (Hons) degree (or UK equivalent according to NARIC) in Physics or Engineering.

Please note that this scholarship is only available for new applicants. Existing PhD students are not eligible to apply.

ENGLISH LANGUAGE REQUIREMENTS

The minimum English language proficiency requirement for candidates who have not undertaken a higher degree at a UK HE institution is IELTS 6.5 (with a minimum of 6.0 in all skills).

HOW TO APPLY

To apply for this studentship, you should submit:

1. a fully completed application form (please ensure you read the guidance notes that accompany the form)
2. copies of your academic certificates and University transcripts
3. copies of your English Language Proficiency certificates (if applicable)
4. a copy of your CV

All documents should be submitted electronically to doctoralschool@ntu.ac.uk

The closing date for receipt of completed application forms is 5pm (UK time) on 30th October 2017. This deadline will be strictly adhered to. Application by CV only or incomplete applications will not be accepted.

Interviews will be held in November 2017. The studentship is expected to commence in 2018.

Please do not hesitate to contact the Doctoral School at doctoralschool@ntu.ac.uk if you have any further queries about the application process.

For informal enquiries, please contact Professor Paul Evans (paul.evans@ntu.ac.uk)

This is an exciting opportunity to join a highly experienced team headed by Professor Paul Evans, winner of the THE 2016 Award for Outstanding Contribution to Innovation and Technology. In addition, Professor Evans' team's track record of innovation in the field of X-ray security imaging has been recognised by the award of a Queen's Anniversary Prize

for World Class Research in 2016, which is the highest honour a UK University can receive. This project has attracted around £5 million research funding from UK and US governments over recent years. The group produces 4* journal papers and significant Patents and intellectual property. Examples of recent high quality publications (top 5% of subject category) can be downloaded from the Optics Express website at <http://www.opticsinfobase.org/> (by entering a search under "annular x-ray").

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Application by CV only, or any incomplete applications, will not be accepted.

BY WHAT CRITERIA WILL APPLICATIONS BE JUDGED?

The following criteria will be used to judge applications and rank candidates:

- The previous academic and career achievements of the applicant
- **The applicant's potential for undertaking a successful PhD project, as demonstrated** by the information provided on the application form
- The degree of fit with the project

In assessing your previous academic and career achievements, we will consider the following factors:

- whether you hold, or expect to obtain by the time of appointment, a 1stClass/2.1 Bachelors degree in a relevant subject (including, where appropriate, training in the relevant research methods)
- Relevant work experience (especially, in a research, policy, professional or managerial role in a field directly relevant to the project)