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12 PhD Studentships, Nottingham Trent University, UK

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Vice Chancellor's PhD [Studentships](#), 2010

[Nottingham Trent University](#) – School of Science and [Technology](#) (11 projects)

Nottingham Trent University is inviting applications for 12 fully-funded PhD studentships, commencing in October 2010. The studentships will pay UK/EU fees and provide a maintenance stipend linked to the RCUK rate (currently £13,290 per annum) for up to three years.

Applications are invited for the following projects within the School of Science and Technology:

1. Novel Switching Mechanisms in Multistable Nematic Liquid Crystal Displays
2. Dopant migration and aging processing in semiconductor lasers, heterostructures and nanostructures
3. Novel therapeutic vectors towards the therapy of uveal melanoma
4. Non-equilibrium behaviour in model soft [materials](#)
5. [Antibiotic](#) resistance of Hospital and community acquired E.coli, mechanisms and associated virulence factors
6. Liquid Origami: The Physics (and [Chemistry](#)) of Droplet Wrapping
7. Population genetics to unravel the evolutionary history of the Yersinia enterocolitica complex
8. Reduction of carbon footprint through optimum scheduling of power plants
9. Stratification of cord blood stem cells
10. Role of genetic variation in the alteration of bone [metabolism](#) and stress fracture injury

Entry requirement

A first class or upper second class U.K. BSc (Hons) degree (or equivalent) or Masters degree in a relevant field.

Award

The studentships will pay UK/EU fees and provide a maintenance stipend linked to the RCUK rate (currently £13,290 per annum) for up to three years. Applications from overseas students are welcome, but a successful candidate would be responsible for paying the [international](#) fees. (Fees for 2009/10 are £10,200 for international students).

Eligibility

Applications can be accepted from UK/EU and also International students. The minimum English language proficiency requirement for candidates who have not undertaken a higher degree at a UK HE institution is [IELTS](#) 6.5 or [TOEFL](#) 560/IBT 83.

For further details about the studentships, please see www.ntu.ac.uk/research/research_degrees/studentships/index.html

For an application form, please email: sat.research@ntu.ac.uk or telephone: +44 (0)115 848 3269 Please return completed application forms, with copies of academic certificates, to:

The Research Graduate Studies Office (Science)
Erasmus Darwin Building
Nottingham Trent University
Clifton Lane
Nottingham NG11 8N

The closing date for receipt of completed application forms is Monday **15 February 2010**.

For more information please visit our website: <http://scholarshipsbank.com/12-phd-studentships-nottingham-trent-university-uk/>

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