

A fully funded PhD position is available to study stimuli-responsive DNA-based nanodevices for biomedical applications.

At a minimum you should have scored a 2:1 (60% and above) in an undergraduate honours or MSc degree in any of Chemistry, Biochemistry, Biology, or Medicine subject areas at a UK university. International applicants should have equivalent academic qualifications. They should also have attained IELTS score of 6.5 overall (minimum of 6.0 in all elements) or equivalent English language examinations. You will get your fees paid for, and receive an annual non-taxable maintenance grant of approximately £15,600. Deadline for applications is February 28^{th} 2022. Start date in 2022. Project details can found September be at: https://www.ulster.ac.uk/doctoralcollege/find-a-phd/1036815. If interested in this exciting project contact Dr Mateus Webba da Silva for further details and any help with the application (mm.webba-dasilva@ulster.ac.uk).

Research efforts in this group are currently focused on understanding and manipulating nucleic acid self-assembly to design and engineer functionality that operate in test tubes, devices and living cells. Projects are inherently interdisciplinary and provide scope for a diversity of experimental approaches that include molecular- and cellular biology, chemical synthesis, and biophysics. Visit <u>https://www.ulster.ac.uk/staff/mm-webba-da-silva</u> for more information.