**PhD Scholarship Advertisement**

Fully Funded PhD Scholarship in Bio-Nano Mechanics for Biomedical Applications

School of Engineering, University of Galway

Applications are invited from suitably qualified candidates for a full-time funded PhD scholarship starting in September 2025 affiliated to the College of Science and Engineering, School of Engineering, within the Biomedical Engineering discipline at the University of Galway.

**University of Galway**

Located in the vibrant cultural city of Galway in the west of Ireland, the University of Galway has a distinguished reputation for teaching and [research excellence](https://www.universityofgalway.ie/our-research/)

For information on moving to Ireland please see [www.euraxess.ie](http://www.euraxess.ie)

**Detailed Project Description**

This project will utilize a combination of computer simulations, artificial intelligence, and nanotechnology to develop novel bio-inspired materials and self-assembly systems for biomedical applications. The successful candidate will have the opportunity to contribute to impactful research within a vibrant and supportive research environment. This PhD position is offered within the University of Galway's renowned Biomedical Engineering program, known for its excellence in bridging theoretical concepts with real-world applications.

**Living allowance (Stipend):** €25,000 per annum (tax-exempt scholarship award)

**University fees**: Waived

**Start date**: 1st September 2025

**Academic Entry Requirements:**

1. A master’s degree (preferred) in Mechanical Engineering, Biomedical Engineering, Chemical Engineering, Materials Science and Engineering, or a related discipline.
2. Strong academic record with demonstrated ability to conduct independent research.
3. Excellent written and communication skills.

**To Apply for the Scholarship:**

Interested candidates should submit a cover letter, CV, and academic transcripts to:

Dr. Xuliang Qian at [xuliang.qian@universityofgalway.ie](mailto:xuliang.qian@universityofgalway.ie)

Candidates are also encouraged to explore external funding opportunities, such as:

* Hardiman Research Scholarship (deadline 07 / 02 / 2025):

<https://www.universityofgalway.ie/hardiman-scholarships/>

* China Scholarship Council (CSC) Joint Scholarship:

<https://www.universityofgalway.ie/global-galway/studyinireland/yourcountry/china/#tab5>

* Additional funding options may be available here:

<https://www.universityofgalway.ie/science-engineering/scholarships/#tab2>

**Contact Name:** Dr. Xuliang Qian

**Contact Email:** [xuliang.qian@universityofgalway.ie](mailto:xuliang.qian@universityofgalway.ie)

**Application Deadline:** 07 / 03 / 2025and time 00:00 (Irish time 24hr format)

**Primary Supervisor name**: Dr. Xuliang Qian