



PhD Studentship
School of Biological and Chemical Sciences
NUI Galway

Applications are invited from suitably qualified candidates for a fully funded (€22,000 annual stipend + fees) 4-year PhD in organic chemistry within the School of Biological and Chemical Sciences at the National University of Ireland, Galway. We are looking for inquisitive students who wish to explore new approaches to synthetic organic chemistry for the development of novel technologies for application in organic methodology.

Salary range: PhD stipend €22,000 per annum for four years + Academic Fees (including non-EU)

Start date: Position is available from September 2024.

Studying at Galway:

Located in the vibrant cultural city of Galway in the west of Ireland, the University of Galway has a phenomenal reputation for student happiness (ranked the 7th [best student city in the world](#) and 1st for friendliness in 2023) and a distinguished reputation for teaching and [research excellence](#).

Job Description:

The successful candidate will work under the supervision of Dr Laura Cunningham to complete a PhD research program on one of the projects described below. This is a predominantly lab-based research role. The student will receive committed support and mentorship from Dr. Cunningham throughout, and may have opportunities for industrial work placements and travel to scientific conferences.

The Projects:

Multiple projects are available within the group spanning various areas of synthetic organic chemistry. The first research theme will involve the development of asymmetric transformations towards the synthesis of novel anti-cancer agents. The second project focuses on the development of new chiral additives for application in sustainable asymmetric transformations. The third available project will focus on the exploitation of supramolecular chemistry principles to improve existing organic methodologies, and eventually enable entirely new chemistry to be investigated. The student will be able to discuss their project preferences with Dr. Cunningham during interview.

Qualifications/Skills required:

The ideal candidate should hold a BSc or MSc in Chemistry, Chemical Engineering or a related discipline with some experience in organic synthesis. Candidates should have excellent communication and organizational skills; enjoy practical organic synthesis; and have strong record keeping, oral and interpersonal skills.

Essential Requirements:

- To expect to have achieved, by September 2024, at least a 2.1 or equivalent BSc or MSc in Chemistry, Materials Science or Chemical Engineering
- Evidence of practical experience in synthetic organic chemistry (undergraduate practicals, research placement etc.)
- Excellent English speaking and writing abilities

Desirable Requirements:

- Knowledge of asymmetric catalysis
- Knowledge of supramolecular chemistry
- Evidence of proactivity (volunteering, extracurricular activities, leadership roles)
- Strong communication skills and willingness to foster a friendly, supportive environment

Continuing Professional Development/Training:

Researchers at NUI Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans.

Further information on research and working at NUI Galway is available on [Research at NUI Galway](#)

For information on moving to Ireland please see www.euraxess.ie

Informal enquiries concerning the post are welcome and may be made to Dr. Laura Cunningham e-mail cunninghamresearchvacancies@gmail.com

How To Apply:

Please answer all questions in the following google form, and upload the requested documents:
<https://forms.gle/bmW1GouucERzMKvL8>

Please follow the application instructions carefully. Applications will require:

1. Cover letter (1 page max),
2. CV (3 page max, include contact details for two referees),
3. Academic transcript
4. Any example of written work (1 page minimum, examples include a thesis chapter, essay, review etc.) - optional

To ensure fairness for all applicants, do not send any additional documentation aside from the 4 items requested above, as they will not be considered.

Applications should be made only via the google form above. If you experience any difficulties in filling out the form, please e-mail cunninghamresearchvacancies@gmail.com. Please put reference **NUIG-2024-PhDposition** in the subject line of e-mail.

Closing date for receipt of applications is 11.59 pm on Sunday 4th February 2024.

Interviews are planned to be held online in week starting on 12th February 2024.

All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment

National University of Ireland, Galway is an equal opportunities employer and therefore applications from candidates who are likely to be from underrepresented demographics are particularly encouraged.