Centre for Teaching and Learning
Teaching and Learning Fellowships 2023-24

Strand 1. Artificial Intelligence (AI) in Teaching, Learning and Assessment
Strand information and application form- updated July 2023

The impact of generative Artificial Intelligence (genAI), particularly generative text chatbots such at ChatGPT, is being considered by higher education colleagues globally. Colleagues and institutions are exploring the possible implications of these and other emergent technologies on higher education. Many of the current discussions centre on assessment and concerns associated with academic integrity but the opportunities around machine learning and AI are also being considered.

Within this Fellowship strand colleagues are asked to propose projects which involve the exploration of genAI from a teaching, learning and assessment perspective with a strong focus on practice. The Fellowships are intended to provide colleagues with space and time to learn more about AI in disciplinary contexts. The Fellowships will also involve sharing that learning with colleagues from across the faculties.

Possible projects might include:

- What's the alternative? – revisiting module learning outcomes, T&L approaches and assessment in light of genAI
- Enquiry-based learning and genAI – using genAI tools to navigate an enquiry-based learning module
- genAI and personalised learning – exploring how AI tools can assist staff and students to build personalised learning journeys through module content
- genAI within and beyond the university – exploring how genAI tools might feature in placements, internships and work-based learning
- genAI and the disciplines – examining the immediate implications for genAI within the discipline and anticipating where to next
- AI tools and intelligent tutoring – exploring how AI tools can be employed by students to generate personalised feedback
- AI/AR/VR – combining artificial intelligence with augmented reality/virtual reality to create engaging teaching and learning environments
- Using genAI for self and peer assessment including the development of evaluative judgement.

We do not expect that applicants will have any specific expertise in genAI. Rather we are seeking applications that will help the Fellow, students and staff to learn more about a particular aspect of this technology, including its use and challenges, in a higher education

T&L context. The applications can be discipline specific but ideally will have the potential to contribute to wider institutional learning and possibly mainstreaming of the approach.

If you have an idea which you think might make a good Fellowship, but you are not sure, please contact us at teachingandlearning@mu.ie to arrange a discuss what you have in mind prior to submission of the application.

Selection Criteria

All applications for Strand 1 will be assessed with reference to the following criteria

- alignment with the theme 'Artificial Intelligence (AI) in Teaching, Learning and Assessment'
- alignment with University/department plans/strategies
- evidence based and/or practice informed nature of proposal and its implementation
- clarity and feasibility of project plan
- costing of the plan
- potential for sustainability and mainstreaming across the department or development of the project beyond the Fellowship.

Who will review the applications?

The applications will be reviewed by a panel, which will include members of CTL and the Associate Deans for Teaching and Learning.

Conditions of the Fellowship

Applicants awarded a Fellowship will need to ensure the following:

- that where necessary, the project research or evaluation methods seek approval from the University Ethics Committee
- that approved projects are completed within the agreed timeframe
- that Fellows, with the support of CTL, maintain contact with each other to ensure minimum duplication of effort
- that all project expenditure is managed and recorded appropriately, and in line with University financial guidelines, in readiness for any future auditing process
- that an actual expenditure summary, with all budget spent or committed, is submitted by the project end date
- that the designated outputs of the project are fulfilled and that outcomes are disseminated as appropriate.

How to apply

Complete the T&L Fellowship Strand 1 application form and submit by the deadline, **Friday 18 August**. If you have any queries about this strand, please contact alison.m.farrell@mu.ie