



OLLSCOIL NA GAILLIMHÉ
UNIVERSITY OF GALWAY

Lecturer in Physics, 1FTE, Specific Purpose Contract, Contract Type A

Ref #: 011669



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Lecturer in Physics, 1FTE, Specific Purpose Contract, Contract Type A

| | |
|---------------------------|---|
| College | Science and Engineering |
| School | Natural Sciences |
| Post Title & Subject Area | Lecturer in Physics |
| Post Duration | Specific purpose contract circa 2 years |
| Level | Lecturer |
| Reports to | Head of Physics, School of Natural Sciences |

JOB ADVERTISEMENT

Applications are invited for an appointment as a full time (1 FTE) Lecturer Contract A at University of Galway.

This Lecturer Contract Type A contract is predominantly a teaching contract (60%) with research and administration sharing the remainder. The duration of the contract is expected to be two years, and applicants must be in a position to commence the post on or around 1st June 2026.

The School of Natural Sciences offers a BSc programme in Physics (including options in Applied Physics, Climate Physics, Astrophysics, Theoretical and Biomedical Physics) and MSc programmes (in Key Enabling Technologies, Occupational and Environmental Health & Safety, Medical Physics, and Astronomical Instrumentation). The School is seeking applications from suitably qualified candidates who are competitive in Physics and pedagogical practices. Knowledge and experience are required in delivering face-to-face and/or blended learning programmes or modules in core IOP physics materials. A leadership role in academic programme delivery, curriculum and /or pedagogical development is desirable. The role may require working outside regular hours of work and hybrid teaching.

For detailed information on the requirements, please refer to the Eligibility Requirements section of the Job Description.

Main duties

The post holder will primarily deliver high-quality teaching at the undergraduate level in the BSc Physics degree programme (CAO entry GY320) run by the School of Natural Sciences. The post holder will be expected to contribute to lectures, laboratory and project-based education across the Physics programme. The person will also contribute to academic administration and other areas of leadership within the School. The post holder must have expertise and a proven portfolio in pedagogy and be able to demonstrate experience in the delivery of core Physics curriculum. He/she should have knowledge and experience of teaching in a third level sector. It is desirable that candidates should have experience designing and developing online/blended course materials using modern teaching technologies.

The post holder will also be expected to:

- Engage professionally with students at both undergraduate and postgraduate level including adult learners.
- Engage professionally with potential employers who may act as hosts for student-based projects or placements.
- Lead teaching of core Physics content.
- Contribute to the further development of relevant programmes through on-line and blended learning as appropriate.

The University of Galway is an equal opportunities employer. The School of Natural Sciences at University of Galway holds an Athena SWAN Bronze award and an Institute of Physics Juno Practitioner award and has a long-standing commitment to Equality, Diversity and Inclusion.

For informal enquiries, please contact Professor Matt Redman, Head of School of Natural Sciences matt.redman@universityofgalway.ie Additional information on the Physics unit in the School of Natural Sciences is available at: <https://www.universityofgalway.ie/physics>

Salary: € 64,903 to € 103,538 p.a (applicable to new entrants effective from January, 2011)

This appointment will be made on the Lecturer scale in line with current Government pay policy and in accordance with the terms and conditions of the University's Remuneration policy. [QA321-Updated-PP-Remuneration.pdf \(universityofgalway.ie\)](#)

Information on the University's Strategic Plan is available at: [Strategy | Straitéis 2025-30 - University of Galway](#)

Closing date for receipt of applications is 17:00 (Irish Time) on **23rd April 2026**. It will not be possible to consider applications received after the closing date.

Garda vetting may apply.

Appointments will be conditional on work authorisation validation. Further details are available at www.dbei.ie

For more information and Application Form please see website: [Jobs - University of Galway](#) Applications should be submitted online.

Please see further information on how to apply here: [E-Recruit - University of Galway](#) and [Guidelines for On-line Applications \(universityofgalway.ie\)](#)

Please note that appointment to posts advertised will be dependent upon University approval, together with the terms of the Employment Control Framework for the higher education sector.

At the University of Galway, we celebrate diversity and believe that every candidate can bring unique perspectives, talents and approaches to our University community. We actively encourage applications from all backgrounds regardless of race, religion, ethnicity, gender, family status, civil status, membership of the Traveller community, sexual orientation, disability or age. We value flexibility and recognise that a work-life balance is essential. We offer flexible working arrangements, including hybrid options, to accommodate the diverse needs of our staff. Our commitment to inclusivity extends beyond recruitment as we foster a friendly and supportive work environment, where all work styles are valued and respected. Join us in shaping a workplace that thrives on diversity, creativity and collaboration.

University of Galway is an equal opportunities employer.

JOB DESCRIPTION

Principal Duties and Responsibilities

The post holder duties will include, but will not be limited to, the following:

Teaching

To give instruction and supervision, as directed by the Head of Physics, to students of the University in courses and programmes in Physics. Such duties to include curriculum and course design, preparation and delivery of lectures, tutorials, laboratory / project supervision and general examination and other assessment responsibilities. The post-holder is also required to be available to students for advice.

In particular, this post-holder will:

- Develop teaching materials for on-campus and online courses and contribute to module development as part of a multidisciplinary academic team.
- Teach student groups of various sizes and at undergraduate/postgraduate level.
- Use a range of teaching methods and strategies appropriate to (a) undergraduate, (b) postgraduate and (c) adult learners.
- Continually evaluate and improve the effectiveness of their teaching methods and skills for diverse learner groups.
- Incorporate recent research developments into courses to enhance student interest and student experience and to meet future workforce skills requirements.
- Organise and structure their teaching logically to help maximise learning and ensure a good student experience.
- Coordinate modules and laboratory classes, and associated examinations and assessments in a timely manner.
- Undertake academic duties in the denominated physics degree program.
- Develop skills in assessment methods and in providing constructive feedback to students.
- Grade examination papers and other assessments consistently.
- Discourage plagiarism, and work with staff in School to deal with plagiarism when it arises.

Research

To engage in some pedagogy research and/or other creative and innovative activity as appropriate to the area of Physics, or with the Nanoscale Biophotonics Laboratory (www.universityofgalway.ie/nanoscale/). Physics at the University of Galway is in an internationally leading position in a number of research areas, and the key research groups operate in the areas of nanoscale biophotonics and advanced analytical science, atmospheric and environmental physics, astronomy and astrophysics, laser technology and new materials development, nanotechnology, applied optics, and medical physics.

Contribution and Scholarly Activity

- To participate in academic administration at School, College and University levels as part of their contribution to the University. To engage with the wider community regionally, nationally and internationally from a civic, economic, social and cultural perspective as a contribution to the life of the University. In representing the University externally, the post-holder is expected to maintain the highest professional standards, thereby enhancing the reputation of the University. The post-holder is expected to engage in scholarly activity such as, but not limited to, refereeing of journals, membership of discipline related advisory bodies and peer review panels and work associated with external examinership. To undergo personal and professional development that is appropriate to the role and will enhance performance as a member of the academic staff.

- To ensure that an understanding of the importance of confidentiality is applied when undertaking all duties.
- To abide by University policies on GDPR, Occupational Health & Safety and Equality, Diversity & Inclusion.
- To perform other duties occasionally which are not included above, but which will be consistent with the role.

The post-holder shall carry out these duties under the direction of the Head of the School or of an authorised senior member of the staff of the School.

The post-holder shall be a member of College/Colleges in accordance with University Statutes.

The hours of work are those prescribed under the Public Service Agreement in respect of Academic Staff.

ELIGIBILITY REQUIREMENTS

Essential Requirements:

- PhD in Physics related to one of the five denominated physics streams **or**
 - A professional qualification in the area of proposed appointment, or evidence of significant contribution to the particular area; **plus**
 - A third-level teaching experience (e.g. undergraduate laboratory supervision) or a teaching qualification; **plus**
- Recent comprehensive experience in third level lecturing and examining.
- Knowledge and experience regarding the practicable implementation of core Institute of Physics modules.
- Familiar with content and procedural requirements for content development and content delivery to both large > 150 and small < 20 class sizes.
- An ability to conduct programme administration and management in a public service university environment.
- Excellent communication and teamwork skills.
- An ability to work well with people and to lead others.

Desirable Requirements:

- Knowledgeable regarding the delivery of full time, part time or online/blended learning education programmes or modules.
- Experience in the delivery of programmes to adult learners and practically experienced in the subject area.
- Experience working in a research or innovation role.
- Experience in a research area of astrophysics, biophysics, optical instrumentation, or materials science.

The appointment will be made to the School of Natural Sciences but will be associated with the discipline of Physics.

**Appendix: Competency Framework for Lecturer (Contract Type A) Roles at
University of Galway**

| | Academic Excellence | | Leadership Excellence | | Organisational Excellence |
|-------------|---|----------------------------|---|----------------------------|---|
| CORE | <ul style="list-style-type: none"> Excellence in Teaching <p><i>The Lecturer (Contract Type A) develops and delivers quality modules and courses which engage and inspire students at all levels towards deriving optimal benefit from their programmes of study. He/she is confident in using a range of teaching techniques, maintains currency with pedagogical developments and innovations in teaching in their discipline and is focused on continually developing her/his own teaching skills.</i></p> | CORE | <ul style="list-style-type: none"> Personal Effectiveness <p><i>The Lecturer (Contract Type A) is committed to her/his discipline and to making a high quality contribution through employing excellent planning, organising, communication and decision making skills to achieve their goals and in exercising flexibility in order to meet the multiple and changing requirements of the Lecturer (Contract Type A) role.</i></p> | CAPACITY TO DEVELOP | <ul style="list-style-type: none"> Strategy & Vision <p><i>The Lecturer (Contract Type A) should contribute to the strategic development of the discipline through an awareness of the wider educational environment, maintaining currency with developments in the discipline and how the School/Discipline can develop in the long term to optimise its contribution to the University's programmes. He/She must have the ability to develop proposals for the development of new modules and courses and engage in interdisciplinary initiatives towards the development of the School/Discipline.</i></p> |
| CORE | <ul style="list-style-type: none"> Excellence in Associated Research <p><i>The Lecturer (Contract Type A) keeps up to date with research developments in her/his field and incorporates same into teaching as appropriate. He/she engages in the scholarship of teaching.</i></p> | CAPACITY TO DEVELOP | <ul style="list-style-type: none"> Leading Others <p><i>The Lecturer (Contract Type A) must work well with others, providing leadership and direction to students and colleagues in relation to projects or areas of work that they are leading on. In such instances they effectively encourage, support and manage the contributions of others to deliver a project/programme of work to a high level.</i></p> | DEVELOPING | <ul style="list-style-type: none"> Collegiate & Community Contribution <p><i>The Lecturer (Contract Type A) values and engages in a collegiate approach to working with others, within their own discipline, School, College and University and also within the wider external community. He/She actively seeks to build effective networks and is willing to contribute their time and expertise to University projects.</i></p> |

Competencies for Lecturer (Contract Type A) Role in University of Galway

ACADEMIC EXCELLENCE

Competency 1: Excellence in Teaching

The Lecturer (Contract Type A) develops and delivers quality modules and courses which engage and inspire students at all levels towards deriving optimal benefit from their programmes of study. He/she is confident in using a range of teaching techniques, maintains currency with pedagogical developments and innovations in teaching in their discipline and is focused on continually developing her/his own teaching skills.

- Provides a high standard of teaching to students across a range of programmes in their discipline
- Provides mentoring and supervision to undergraduate and post graduate students / projects / programmes as required
- Leads on/contributes to the development and review of the curriculum and programmes delivered and encourages other staff to contribute
- Works to keep programmes 'fresh' and maintains currency of programmes informed by research
- Confident teaching student groups of various sizes and at different levels
- Competent and consistent in setting and organising/co-coordinating the marking of examinations
- Demonstrates, through their teaching, strong enthusiasm for their subject area and a high level of up to date knowledge and expertise in their area
- Competent in a range of teaching methods and strategies and is willing to continually evaluate and develop their teaching methods and skills, looking for better ways of teaching
- Open to using technological innovation as part of their teaching and keeps up-to-date with developments in this area
- Organises and structures their teaching logically to help maximise learning and ensure a good student experience
- Demonstrates a commitment to students and gives the time and effort to engage with, and be accessible to students
- Has the ability to give constructive and timely feedback and advice to students
- Balances a concern for students with a focus on being consistent and equitable in their treatment
- Benchmarks against those relevant programmes in other universities and aims to ensure that NUI Galway programmes are of a high standard
- Works with students to promote ideas of academic integrity, including the avoidance of plagiarism
- Embraces new modes of teaching and learning

Competency 2: Excellence in Associated Research

The Lecturer (Contract Type A) keeps up to date with research developments in her/his field and incorporates same into teaching as appropriate.

- Keeps up to date and maintains currency with associated research that furthers the School / Discipline
- Contributes to and supports the research priorities and activities at School / Discipline level
- Builds up collaborative links and networks with external organisations and keeps up to date with research and what is happening in the relevant international research area
- Attends relevant conferences, and works with industry and other relevant external bodies to keep knowledge relevant
- Provides supervision and guidance in relation to the research of students, motivating and encouraging them to help them overcome problems
- Engages/seeks opportunities in the scholarship of teaching and learning

LEADERSHIP EXCELLENCE

Competency 3: Personal Effectiveness

The Lecturer (Contract Type A) is committed to her/his discipline and to making a high quality contribution through employing excellent planning, organising, communication and decision making skills to achieve their goals. He/She will exercise flexibility in order to meet the multiple and changing requirements of the Lecturer (Contract Type A) role.

- Demonstrates excellent planning, organisation and prioritisation skills, to effectively meet deadlines and to deliver to high standards across the areas of teaching, associated research and administration
- Has good time management skills to manage workload
- Has a reflective approach to their own work and can consistently review it in order to ensure it is of a high standard
- Flexible and adaptable in managing competing demands while protecting core values
- Shows a strong commitment to keeping up to date and maintaining professional competence
- Is resilient and maintains a positive outlook in challenging and pressurized circumstances
- Takes a balanced approach to the demands of the role and is flexible with what the role encompasses
- Understands the importance of programme innovation, related budget management and raising programme funds

Competency 4: Leading Others

The Lecturer (Contract Type A) must work well with others, providing leadership and direction to students and colleagues in relation to projects or areas of work that they are leading on. In such instances they effectively encourage, support and manage the contributions of others to deliver project/programme of work to a high level.

- Works constructively within a collective collegiate structure
- Consistently works with others to ensure high standards in all aspects of the role
- Is able to get the most out of people and to secure their support and cooperation in relation to work they are leading/managing
- Gives clear instructions in relation to the contribution expected from others
- Has the ability to manage and encourage others to deliver what is required
- Actively supports the career development of students and newer colleagues
- Organises and delegates work in a way which is consistent and fair and makes best use of resources
- Understands the importance of, and can use a range of strategies to, motivate students and colleagues
- Takes the initiative to put good ideas into practice

ORGANISATIONAL EXCELLENCE

Competency 5: Collegiate and Community Involvement

The Lecturer (Contract Type A) values and engages in a collegiate approach to working with others, within their own discipline, School, College and University and also within the wider external community. He/She actively seeks to build effective networks and is willing to contribute their time and expertise to University projects.

- Actively builds strong internal and external networks and collaborative links
- Takes time to build up positive working relationships with others and treats everyone fairly and with respect
- Assumes administrative/organisational roles and tasks to help ensure the smooth running of the School/Discipline
- Acts as chair on committees or acting as representative at school/college/university level and works to develop the skills needed to perform these roles effectively
- Makes an effort to understand and take account of different people's views and perspectives
- Encourages students to get involved in relevant external groups also, where appropriate
- Supports colleagues internally and cooperates with other universities in initiating collaborative programmes
- Possess the skills required to achieve a balance between internal requirements and external requirements
- Participate in relevant professional organisations/networks as appropriate

Competency 6: Strategy and Vision

The Lecturer (Contract Type A) should contribute to the strategic development of the discipline through an awareness of the wider educational environment, maintaining currency with developments in the discipline and how the School/Discipline can develop in the long term to optimise its contribution to the University's programmes. He/She must have the ability to develop proposals for the development of new modules and courses and engage in interdisciplinary initiatives towards the development of the School/Discipline.

- Has a clear overall vision for what the School/Discipline is trying to achieve and how their work fits in with the overall direction
- Understands how the discipline is developing and brings this to bear on their work
- Undertakes relevant benchmarking against other organisations and avails of opportunities to increase understanding of best practice
- Identifies opportunities for new modules and programmes by assessing what will be viable and of interest in the long term
- Creates, and takes advantage of, opportunities to market programmes to attract high quality students
- Able to negotiate whilst recognising the realities and the resource restrictions and is willing to change and adapt to meet future needs