



OLLSCOIL NA GAILLIMHÉ  
UNIVERSITY OF GALWAY

**Lecturer in Climate Physics**

**Permanent, 1FTE**

**Contract Type B**

**Ref #:011668**



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**Lecturer in Climate Physics**  
**Contract Type B**

College	Science and Engineering
School	Natural Sciences
Post Title & Subject Area	Lecturer in Climate Physics
Post Duration	Permanent
Level	Lecturer
Reports to	Head of Physics, School of Natural Sciences

# JOB ADVERTISEMENT

Applications are invited for an appointment as Lecturer in Climate Physics, in the School of Natural Sciences at University of Galway.

The School is seeking applications for the position of Lecturer from suitably qualified candidates with a strong background in Climate Physics or related research, aligned with the work of the Centre for Climate and Air Pollution Studies (CCAPS), and with significant experience and leadership in undergraduate Physics teaching. The successful applicant will be ideally situated to collaborate across the School of Natural Sciences, especially in Environmental Science and Earth and Ocean Sciences, by contributing to new teaching programmes and research initiatives.

The successful applicant must have a proven ability to teach undergraduate physics to the level of the Institute of Physics 'Core of Physics', as well as deliver specialised teaching in Climate science and related subjects. Preference will be given to those candidates who can also demonstrate that they are well placed to take a leadership role in the development of first year physics teaching, including engaging with partners such as teachers at second level, and through building undergraduate communities.

The successful applicant will carry out their own research in an area of Climate Physics that aligns with the School's priorities, and may encompass research for knowledge and/or research for policy and community-based research. Preference will be given to those candidates who are considered well-placed to develop externally funded research contracts, with considerable research achievements demonstrated through one or more of a strong publications record, policy relevant outputs and impacts, and significant grant activity.

Applicants must be in a position to commence the post on or around 1<sup>st</sup> June 2026.

For informal enquiries, please contact Professor Jurgita Ovadnevaite, Director of CCAPS [jurgita.ovadnevaite@universityofgalway.ie](mailto:jurgita.ovadnevaite@universityofgalway.ie) or Professor Matt Redman, Head of School of Natural Sciences [matt.redman@universityofgalway.ie](mailto: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 7<sup>th</sup> May 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](http://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 not be limited to, the following:

### **Teaching**

To give instruction and supervision, as directed by the Head of School, to students of the University in courses and programmes organised by the School or to which the School contributes to another School or College. Such duties to include curriculum and course design, preparation and delivery of lectures, tutorials, project supervision and general examination and other assessment responsibilities. The post-holder is also required to be available to students for academic counselling and advice. In some disciplines, academic activities may also include laboratory, workshop or clinical instruction, supervision of fieldwork, site visits and other off-campus activities.

### **Research**

To engage in research and other creative and innovative activity as appropriate to the discipline. The post-holder is required to disseminate their research in academic publications, other outlets as appropriate and to participate in postgraduate supervision. The post-holder is encouraged to engage in initiatives to seek research funding, as appropriate. The post-holder is also encouraged to promote and engage in the development of collaborative research.

### **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.

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

- A PhD in Climate Physics or related discipline.
- An established expertise and promising/proven portfolio of research in Climate Physics.
- A record of peer-reviewed research publications or policy outputs in Climate Physics or closely related fields, relevant to the post and commensurate with experience.
- Demonstrated experience in applying for and securing competitive research funding.
- Experience of successful engagement with industry, government and/or other partners.
- Significant experience in third level teaching of Physics and related subjects at undergraduate and postgraduate level.
- Ability to contribute to and coordinate the delivery of full time, part time or online/blended learning education programmes or modules in areas of Physics.
- Evidence of ability to supervise research students and staff.
- Excellent communication, leadership and teamwork skills.
- Clear track record of a collaborative approach to research, teaching, and wider academic contribution.

### **Desirable Requirements:**

- A record of PhD supervision to completion.
- Track record in obtaining research funding from national or international funding agencies.
- Experience in the delivery of programmes to adult learners.
- Experience of modern teaching technologies.
- Evidence of an external contribution to national or international professional bodies and/or other external esteem indicators.
- Formal teaching qualification, or teaching award.
- Experience in the design and supervision of physics practical and/or computational laboratory courses.
- Experience in the design and delivery of new teaching programmes, use of innovative teaching and assessment techniques and monitoring of quality.

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

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

	<b>Academic Excellence</b>		<b>Leadership Excellence</b>		<b>Organisational Excellence</b>
<b>CORE</b>	<ul style="list-style-type: none"> <li><b>Excellence in Research</b></li> </ul> <p><i>The Lecturer (Contract Type B) furthers their discipline and contributes to the body of knowledge in their area through planning, carrying out and publishing/ disseminating their own high quality research, building and leading research groups and providing supervision and support for postgraduate students to enable them to produce quality research. They keep up to date with relevant developments in their field and network and collaborate with others, both internally and externally, to optimise the value and relevance of the research being produced and to maximise the School's/Discipline's ability to attract research funding.</i></p>	<b>CORE</b>	<ul style="list-style-type: none"> <li><b>Personal Effectiveness</b></li> </ul> <p><i>The Lecturer (Contract Type B) is enthusiastic about their discipline and is committed to making their best personal contribution through employing excellent planning and organising, communication and decision making skills to achieve their goals and through working hard and being flexible in order to meet the multiple and changing demands of the Lecturer (Contract Type B) role.</i></p>	<b>CAPACITY TO DEVELOP</b>	<ul style="list-style-type: none"> <li><b>Strategy &amp; Vision</b></li> </ul> <p><i>The Lecturer (Contract Type B) should contribute to the strategic development of the discipline by developing a strong awareness of the wider environment, how the discipline is developing and how the School/Discipline can develop in the long term to optimise its contribution. He /She must have the ability to make a strong case for the development of new programmes or engaging in joint programmes or collaborations that they feel will add long term value to the School/Discipline.</i></p>
<b>CORE</b>	<ul style="list-style-type: none"> <li><b>Excellence in Teaching</b></li> </ul> <p><i>The Lecturer (Contract Type B) develops and delivers quality teaching programmes which engage and inspire students at all levels and maximises their learning. They are confident in using a range of teaching techniques, are open to innovations in teaching and are focused on continually developing their own teaching skills.</i></p>	<b>CAPACITY TO DEVELOP</b>	<ul style="list-style-type: none"> <li><b>Leading Others</b></li> </ul> <p><i>The Lecturer (Contract Type B) must work well with others, providing leadership and direction to students, colleagues and support staff in relation to projects or areas of work that they are leading on. They effectively encourage, support and manage the contributions of others to deliver results for the discipline and to ensure that high standards are met.</i></p>	<b>DEVELOPING</b>	<ul style="list-style-type: none"> <li><b>Collegiate &amp; Community Contribution</b></li> </ul> <p><i>The Lecturer (Contract Type B) values and engages in a collegiate approach to working with others, within their own discipline, school and university and also within the wider external community. S/he actively seeks to build effective networks and is willing to contribute their time and expertise to a range of broader university wide or community projects.</i></p>

## Competencies for Lecturer (Contract Type B) in University of Galway

### ACADEMIC EXCELLENCE

#### *Competency 1: Excellence in Research*

**The Lecturer (Contract Type B) furthers their discipline and contributes to the body of knowledge in their area through planning, carrying out and publishing/ disseminating their own high quality research, building and leading research groups and providing supervision and support for postgraduate students to enable them to produce quality research. They keep up to date with relevant developments in their field and network and collaborate with others, both internally and externally, to optimise the value and relevance of the research being produced and to maximise the School's/Discipline's ability to attract research funding.**

- Conducts high quality research that furthers the School / Discipline
- Publishes research frequently in high quality, peer-reviewed journals and presents research at high profile conferences
- Builds up collaborative links and networks with other organisations and keeps up to date with research in own area and what is happening in the international research community
- Goes to relevant conferences, and works with industry and other relevant external bodies to keep research relevant
- Writes strong research and grant proposals which sells the value and potential benefits of a piece of research
- Effectively plans research and can estimate the time and resources required to complete it, and delivers on schedule
- Provides quality supervision and guidance in relation to the research of undergraduate and postgraduate students, motivating and encouraging them to help them overcome problems

#### *Competency 2: Excellence in Teaching*

**The Lecturer (Contract Type B) develops and delivers quality teaching programmes which engage and inspire students at all levels and maximises their learning. They are confident in using a range of teaching techniques, are open to innovations in teaching and are focused on continually developing their own teaching skills.**

- Provides a high standard of teaching to students across a range of programmes in their discipline
- Provides mentoring and supervision to PhD 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
- Confident teaching student groups of various sizes and at different levels
- Competent and consistent in setting and organising/co-ordinating 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
- Keep students engaged by incorporating research and current topics into teaching and informing their teaching by what is going on in the wider environment and including external input
- 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 teaching programmes against those in other universities and aims to ensure they are of a high standard
- Works with students to prevent plagiarism, and puts systems in place to detect and manage plagiarism

## **LEADERSHIP EXCELLENCE**

### ***Competency 3: Personal Effectiveness***

**The Lecturer (Contract Type B) is enthusiastic about their discipline and is committed to making their best personal contribution through employing excellent planning and organising, communication and decision making skills to achieve their goals and through working hard and being flexible in order to meet the multiple and changing demands of the Lecturer (Contract Type B) role.**

- Demonstrates excellent planning, organisation and prioritisation skills, to effectively meet deadlines and to deliver to high standards across the areas of teaching, research and administration
- Has good time management skills to manage a heavy workload
- Demonstrates clear commitment and is willing to work hard for the success of their area
- Has a reflective approach to their own work and can consistently review it in order to ensure it is of the highest possible standard
- Active in reviewing systems and processes to maximise the time available for research and teaching
- 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 a challenging and pressurised environment
- Takes a balanced approach to the demands of the role and is flexible with what the role encompasses
- Understands the importance of budget management and raising programme funds, and can assimilate financial information and report back on financial matters

#### ***Competency 4: Leading Others***

**The Lecturer (Contract Type B) must demonstrate a capacity to develop skills and competence to work well with others, providing leadership and direction to students, colleagues and support staff in relation to projects or areas of work that they are leading on. They effectively encourage, support and manage the contributions of others to deliver results for the discipline and to ensure that high standards are met.**

- 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 postgraduate 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 support staff and colleagues
- Takes the initiative to put good ideas into practice

### **ORGANISATIONAL EXCELLENCE**

#### ***Competency 5: Collegiate and Community Contribution***

**The Lecturer (Contract Type B) values and engages in a collegiate approach to working with others, within their own discipline, school and university and also within the wider external community. S/he actively seeks to build effective networks and is willing to contribute their time and expertise to a range of broader university wide or community projects.**

- Actively builds strong internal and external networks and collaborative links
- Participates in cross discipline working groups in addition to taking on roles in external institutions/agencies (with the necessary University approval in place)
- 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 or 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
- Contributes outside the university to different committees, the local community, and voluntary organisations
- Encourages students to get involved in relevant external groups also, where appropriate

- Supports colleagues internally and with other universities in initiating collaborative enterprises/programmes
- Possess the negotiation skills required to achieve a balance between the university's academic requirements with potentially competing requirements of external bodies

***Competency 6: Strategy and Vision***

**The Lecturer (Contract Type B) should demonstrate a capacity to develop skills and competence to contribute to the strategic development of the discipline by developing a strong awareness of the wider environment, how the discipline is developing and how the School/Discipline can develop in the long term to optimise its contribution. He /She must have the ability to make a strong case for the development of new programmes or engaging in joint programmes or collaborations that they feel will add long term value to 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
- Uses initiative to benchmark against other organisations and takes other opportunities to increase understanding of best practice across the system
- Knows what research is being done within their area and what type of research will attract funding from which sources
- Identifies opportunities for new modules and programmes by assessing what will be viable and of interest in the long term
- Uses judgement to build and sell a persuasive case for resources/new programmes on behalf of their area/college
- Creates, and takes advantage of, opportunities to market programmes to attract high quality postgraduate students
- Able to negotiate for an area while recognising the realities and the resource restrictions and is willing to change and adapt to meet future needs