



UNIVERSITY of LIMERICK
O L L S C O I L L U I M N I G H



TITLE OF POST: Lecturer and Lecturer below the bar in Statistics & Data Analytics

LOCATION: University of Limerick

REPORTS TO: Head of Department

CONTRACT TYPE: Lecturer – Multiannual (Post 1)

CONTRACT TYPE: Lecturer below the bar - Tenure Track (Post 2, five year fixed term).

During the term of the contract the successful applicant will have the opportunity to apply for tenure in accordance with the University's [Policy and Procedures for Granting Multi-annual Status to Tenure Track Academic Staff](#)

SALARY SCALE: Lecturer €52,187 - €83,038 p.a.

SALARY SCALE: Lecturer below the bar €39,118 - €53,782 p.a.

The closing date for receipt of applications is **Monday, 3rd December 2018.**

Applications must be completed online before **12 noon, Irish Standard Time** on the closing date.

JOB DESCRIPTION

QUALIFICATIONS:

- Primary degree in mathematical sciences or a related area.
- Doctoral degree (level 10NFQ) in statistics, data analytics or a closely related area.

OVERALL PURPOSE OF THE JOB:

Teaching and Research in Statistics & Data Analytics.

DESCRIPTION:

We are seeking to fill two positions, a Lecturer **and** a Lecturer below the bar in Statistics & Data Analytics in the Department of Mathematics & Statistics. The department is responsible for teaching mathematics and statistics at all levels across the University, and also has a thriving research programme in applied mathematics and statistics. In December 2015 the department was successful in obtaining an Athena SWAN Bronze award, one of the first departmental awards given in the county, which demonstrates its commitment to addressing gender equality.

Research interests in the department include the development of statistical and applied mathematical methods (and hybrids thereof) for a range of real-world applications. Examples of specific statistical topics include Bayesian modelling, functional data analysis, survival analysis, mixed effect models, and meta analyses, but further linking between statistics and applied mathematics, e.g., as part of [MACSI](#) (the Mathematics Applications Consortium for Science and Industry), would be particularly welcome.

Applicants are invited from any area of statistics with particular relevance to data analytics. The successful candidate's will have a doctoral degree (level 10NFQ) in statistics, data analytics or a closely related area, a track record in research and publication in any area of statistics and data analytics and should demonstrate a commitment to teaching at undergraduate and postgraduate levels. Experience of working in collaborative and interdisciplinary projects is also desirable, as is an awareness of how their work can impact more broadly on industry and society, and an ability to demonstrate this.

PRINCIPAL DUTIES:

Job description



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HR EXCELLENCE IN RESEARCH



The successful candidate's will be required to contribute to the delivery and organisation of teaching their subject within the Department of Mathematics & Statistics, both at undergraduate and postgraduate levels, and to develop a research programme which complements existing research themes within the department in the area(s) of statistics and data analytics.

KEY TASKS

- Responsible for lecture preparation and delivery, curriculum development, setting, moderation and marking of examinations and assessment at both undergraduate and postgraduate levels within the department.
- Development and delivery of new statistics and data analytics modules and programmes at undergraduate and postgraduate level that are responsive to the needs of industry.
- Supervise undergraduate and postgraduate projects.
- Development of research and scholarly activities in areas that enhance or complement the department's existing research areas. You will be encouraged to develop your research profile at the national and international level.
- Development of research proposals for submission to external funding bodies, such as the Science Foundation Ireland (SFI), Enterprise Ireland, Irish Research Council, Health Research Board, the European Union, etc.
- Undertake some management and administrative responsibilities in support of the academic activities of the department.

Other relevant duties commensurate with the grade of the post as may be assigned by the Head of the Department.

Essential requirements for the successful applicant at Lecturer level:

- Primary degree in mathematical sciences or a related area.
- Doctoral degree (level 10NFQ) in statistics, data analytics or a closely related area.
- A record of independent research in the field of statistics and data analytics.
- Established relevant publication record in the field of statistics and data analytics.

Essential requirements for the successful applicant Lecturer below the bar level:

- Primary degree in mathematical sciences or a related area.
- Doctoral degree (level 10NFQ) in statistics, data analytics or a closely related area.
- A developing record of independent research in the field of statistics and data analytics.
- Developing relevant publication record in the field of statistics and data analytics.

Desirable requirements for the successful applicant at Lecturer level:

- Evidence of experience in third level teaching.
- Evidence of academic course/module material development and delivery in a third level setting.
- History of supervision of postgraduate students.
- Evidence of an established research network within the international research community and/or industry.
- Experience in the preparation of research proposals for submission to external funding bodies.

Desirable requirements for the successful applicant at Lecturer below the bar level:

- Capacity to supervise postgraduate students at PhD level.



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- Demonstrated ability to teach statistics and data analytics at undergraduate and postgraduate levels.

Applicants must include:

- A research plan (up to two pages in length) describing the research that the candidate would envisage undertaking if offered the position at the University of Limerick,
and
- A teaching plan (up to two pages in length) detailing how the candidate would contribute to teaching and learning if offered the position.

These plans should include how the applicant would propose to advance programme offerings and research activities in statistics and data analytics.

Informal enquiries regarding the post may be directed to:

Dr Sarah Mitchell

Head

Department of Mathematics & Statistics

University of Limerick

Email: sarah.mitchell@ul.ie



Guidelines for Submitting Online Applications – Academic Posts

1. Registering and Creating a New User Account at UL

Whether you are an internal or external applicant, you must register with the University of Limerick's E-Recruitment system before you can apply online for academic posts. You register by creating a user account on the UL [E-Recruitment webpage](#)

To create a user account, click on the **Register** link in the **Navigation** section on the left of the screen. Fill in all the fields in the **Register New User** section. (All correspondence relating to your application will be sent to the email address you enter here.) When you have filled in all fields and clicked on the Terms & Conditions check box at the bottom of the section, click on **Register**.

Register New User

Please Register now to set up your Erecruitment online account.

 University of Limerick staff please note for security reasons a different password will automatically be sent to your specified email address. When you login the system will ask you to change your password again

Email Address *
Enter Email Address

Reenter Email Address *
Enter Email Address

Password *
Enter password

Reenter Password *
Enter password

Forename *
Enter Forename

Surname *
Enter Surname

By clicking on the checkbox you agree to the [Terms & Conditions](#) as outlined in the document *

Register

If you are an external applicant, the password you entered remains your password for this site. Take note of it and the email address you entered because you will need both to log in to the E-Recruitment website in the future to track your current application, apply for other vacancies or view your application history.

If you are an internal applicant, the system will email you a new password. The first time you try to log in after registering, you will be asked to change your password in the **Change Password** section. Once you have set your own password, you will have secure access to your user account on the system and will be able to apply for vacancies online.

2. Logging In if Already Registered

Once you have created a user account with E-Recruitment, the next time you wish to log in to the system you simply click on the **Login** link in the **Navigation** section. In the **Login** section, enter your email address and password and click on **Login**.

Should you forget your password, enter your email address and click on the **Forgotten Password?** link, and a new password will be emailed to you.

3. Vacancies List

The first screen you will see contains the **University of Limerick Vacancies** section, which lists current vacancies.



By clicking on the **Details** link pertaining to the vacancy you wish to apply for, you will be presented with the job specification of the position. Clicking on the **Job description** link at the bottom of this section will give you access to a detailed job description document, which you can either open or save.

4. Applying for the Position

You can begin your online application from the **University of Limerick Vacancies** section or from the **Job Specification** section. In the **University of Limerick Vacancies** section, click on the **Apply** link associated with the position you wish to apply for. If you had already opened the **Job Specification** section for that position, click on the **Apply for Job** button. Either way, you will be brought to the first of 11 screens, all of which must be completed to apply for the position. Fields with asterisks are mandatory.

Click on the **Save and Next** button as you proceed through the application. Doing this ensures that your inputted data will be stored in the **Application History** section of your user account should you accidentally be logged out before completing your application or should you simply not wish to submit your application straight away. (Refer to section 5 at the end of this document for details on how to access your application history.)

The only time you should use the **Next** button instead of the **Save and Next** button to proceed to the next screen is when you are updating or reviewing a previously saved application and you do not wish to make any changes to that screen.

Step 1 of 11: Personal Details

Enter the requested personal details on this screen. Fields with asterisks must be completed. Your email address will be the same as the one you used to register. Click on **Save and Next** to proceed to the next screen.

Step 2 of 11: Questionnaire Section

This section requests information relating to EEA citizenship, legal entitlement to work in Ireland and proficiency in English, where applicable. When ready to proceed, click on **Save and Next**.

Step 3 of 11: Third Level Education

You may enter as many qualifications as you wish by clicking on **Save and Add**. If your qualification or institute does not appear in the **Academic Institute** drop-down list, please select



Other and give details in the **Institute Other** field. When ready to proceed, click on **Save and Next**.

Step 4 of 11: Publications/Research/Teaching

This screen asks you for details relating to your publications, postgraduate supervision, research funding and teaching. (You will be asked to attach a full list of your publications on screen 8.)

In the **Teaching** table at the bottom of the screen, you are asked to enter the number of classes you have taught with respect to class size. The ranges of numbers along the top row relate to numbers of students. In each box under the range of student numbers, you are asked to fill in the number of classes you have taught within that category of class size over the period of your third-level teaching career. Teaching a particular class size for an entire semester should be recorded as 1, not as the actual number of times you taught that class within the semester. For example, let's say you taught a group of less than 20 students once a week in the autumn and spring semesters of 2009/10, in the autumn semester of 2008/9 and in the spring semester of 2007/8, you would record **4** in the <20 box. The term 'teaching' covers lectures, labs, tutorials, etc., i.e. any scheduled contact time with a group of students.

Teaching						
Please enter details of Teaching.						
Teaching	<20	<50	50 - 100	101 - 200	>200	
Size of Class Taught	<input type="text"/>					
Number of Years Teaching	<input type="text"/>					
Number of Evaluations of Teaching	<input type="text"/>					

When ready to proceed, click on **Save and Next**.

Step 5 of 11: Employment History

You may enter details for as many previous employments as you wish by clicking on **Save and Add**. When ready to proceed, click on **Save and Next**.

Step 6 of 11: Professional and Academic Referees

You give referee details in this section, including your current employer (minimum of three). Enter referee details separately by using the **Save and Add** button. HR may contact referees before or after your interview to add to or validate the references provided. Your current employer will not be contacted without your permission.

When details for all your referees have been added, proceed by clicking on **Save and Next**.

Step 7 of 11: Professional Membership

You are asked to give professional membership details in this section. If such membership does not apply to you, click on the **Section Not Applicable** check box. You may enter additional details by clicking on **Save and Add**. When ready to proceed, click on **Save and Next**.

Step 8 of 11: University of Limerick Document Downloads

You can download this guidelines document and the job description for the advertised post from the top of this screen – click on the relevant **View** button to the right of the document filename and then either open or save the document.



Step 8 of 11 : University of Limerick Document Downloads			
#	Date Loaded	Filename	Filesize(KB)
1	14-SEP-09	Guidelines for Applying Online - Academic	481.5
2	25-JUN-10	JOB DESCRIPTION	36

View button

You use the **Applicant Documentation** section of this screen to attach your cover letter, CV and list of publications. All attachments must be in the required file format as specified on the screen, and your publications must be listed using the Harvard referencing style.

Documents uploaded to the **Applicant Documentation** section can be removed by using the **Remove** button.

When ready to proceed, click on **Next**.

Step 8 of 11 : University of Limerick Document Downloads			
#	Date Loaded	Filename	Filesize(KB)
1	14-SEP-09	Guidelines for Applying Online - Academic	481.5
2	18-JUN-10	JOB DESCRIPTION	38.5

Applicant Documentation			
#	Date Loaded	Filename	Filesize(KB)
1	16-JUL-10	List of publications	27.5

Remove button

Applicant Documentation

PLEASE ATTACH THE FOLLOWING DOCUMENTATION

- Cover Letter
- Curriculum Vitae
- List of Publications

The following is a list of acceptable document types which can be attached.
(.pdf, .doc, .xls, .ppt, .pps, .txt, .html, .wps, .bmp, .tiff, .gif, .jpeg)

Click the Browse button to find the document you wish to attach. Then click the Attach Document button to attach your document to the online application form.

Step 9 of 11: Source of Advertisement

This screen asks you to indicate how you became aware of the vacancy. When ready to proceed to the next screen, click on **Save and Next**.

Step 10 of 11: Equal Opportunities Monitoring

The University of Limerick confirms its commitment to a policy of equal opportunities in employment in which individuals are selected, trained, appraised, promoted and otherwise treated on the basis of their relevant merits and abilities and are given equal opportunities within the University.

To enable UL to monitor the operation of its equal opportunities policy, you are invited to answer questions relating to personal data on this screen. It is important to note that this section will be removed from your application and will not be used for the purpose of selection. The information obtained will be used for statistical monitoring to give the Human Resources Division a fuller picture of UL's recruitment pattern.

When ready to proceed to the final screen, click on **Save and Next**.



Step 11 of 11: Application Form

This final screen presents you with your entire application form, which you can review before submitting to ensure you are satisfied that the details you provided are full and correct. Please bear in mind that once you submit your application, you will not be able to edit any of your details.

Before submitting your application, please ensure you are applying for the correct position, read the statement at the end of the form and click on the check box provided. By ticking this box, you are certifying that the information you provided is correct to the best of your knowledge and you are agreeing to be bound by the terms of UL's recruitment policies. You can either save the application for later or submit it there and then. You can also print a copy of it.

I confirm that all information provided in this application is true and correct. I understand that should any of the information provided in this application be found to be false or inaccurate in any material way, the University reserves the right to withdraw any offer of employment made to me or, if I have already commenced employment, to terminate my employment. I also authorise the University to contact any third party referee mentioned in my application and to request copies of my academic transcripts and/or verify the authenticity of my qualifications with the academic institutions/awarding body listed in my application form. Please tick the check box to verify that all information provided is correct

Apply Back Print Friendly Save For Later

To submit the application, click on the **Apply** button. If any required information has been omitted from your application, a red-text error message will appear at the top of the screen.

A message stating "Application Successful" appears when your application has been successfully submitted.

Normally within 30 minutes of submitting your application, you will receive an email acknowledging that it has been received.

5. Further Information

Application History

If you decide to save your application for later, the details will be held in the **Application History** section of your user account. All your partially completed applications are listed here. To finalise and ultimately submit an application, log in and click on the **Application History** link in the **Navigation** section on the left of the screen. From here, click on the **View** button associated with the particular application that you wish to complete.

Application History Section				
Job Id	Job Description	Application Date	Applicant status	
005228	Lecturer below the bar in Chemical Engineering		Application not Submitted	
005307	Associate Professor of Biomedical Statistics (0.3 FTE)		Application not Submitted	
005247	Lecturer below the bar in Mathematics Education		Application Cancelled	
005267	Lecturer below the bar in Biology		Application Cancelled	
003819	Senior Lecturer in International Management		Application Cancelled	



Clicking on the **View** button brings you back to the final screen of the application process, where you can review and update your application form in its entirety before submitting it.

Closing Dates and Times

The closing date and time for the submission of online applications for the position is specified in the list of vacancies. You will be unable to submit your application after this date and time.



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Contact E-Recruitment

If you experience any difficulties using the online E-Recruitment system, please send us an email to erecruitment@ul.ie outlining the nature of your problem and quoting the reference number and title of the post you are applying for.