

## JOB DESCRIPTION

**Title of the post:** Lecturer in Food Science and Technology  
Permanent Full Time

**Department:** Department Food Technology and Innovation

**Reporting to:** Associate Head of Food Technology and Innovation

### The University

#### Background

Harper Adams University is the leading UK Higher Education (HE) institution focused on the land-based and food supply-chain sectors with an important national role in these subject areas.

Situated on a single campus in rural and scenic Shropshire, the University, and its surrounding area, provide an excellent working and living environment for staff and students alike, yet the University campus is only one hour from the UK's second city of Birmingham. Around 3,000 HE students attend the University, primarily on sandwich courses which include a year-long industrial placement. Undergraduate and postgraduate degrees are offered. The University also welcomes individuals who wish to undertake CPD or similar professional training to support their careers in the agri-food chain and rural industries.

The University was founded by Thomas Harper Adams in 1901 on the original farmland of the Harper Adams Estate. The University estate includes amenity areas, woodland, and a commercial farm of 205 hectares; with rented land the total area farmed is approximately 640 hectares, spread over several locations with cereals, potatoes, forage maize and grassland carrying a dairy herd, sheep, beef, pig and poultry units.

The Privy Council awarded taught degree awarding powers to Harper Adams in 1996 and research degree awarding powers in 2006. Full University Title was granted by Her Majesty's Privy Council in December 2012. The University changed its legal status to that of a Company Limited by Guarantee in July 2012 and remains one of a small number of Universities which are Registered Charities. Her Royal Highness The Princess Royal became the University's first Chancellor in 2013.

#### Academic Provision

The University offers a wide range of courses including Foundation and Honours degrees, in addition to shorter awards designed to meet the continuing professional development needs of those already in the workplace. The subjects are wide ranging and cover Agriculture, Animal Studies, Business, Countryside, Engineering, Food and Land & Property Management. The University has also focused on developing its postgraduate education and research and there are a growing number of postgraduate students at both diploma, masters and PhD level.

Harper Adams has built up an international reputation for the quality of its courses and has achieved the highest possible ratings in recent Quality Assurance Agency reviews, and holds a Gold Teaching Excellence Framework (TEF) award. There is active encouragement of research and the University took part in the last Research Excellence Framework (REF) exercise. 56% of our submitted research was rated either internationally excellent or world leading and 100% was rated of international quality. Our extensive programme of research and education for professionals in the land-based and food chain sectors supports a high profile of business and community reach-out work, short course delivery for businesses and technology transfer activities supported by strong industry links and partnerships with companies such as JCB and Marks & Spencer amongst many others.

## **Recognition**

Harper Adams is consistently positioned highly in a range of national ratings, performance measures and league tables.

In the period since 2011, Harper Adams has won six Times Higher Education Awards including Outstanding Fundraising Initiative (2014), and has been shortlisted for fourteen other THE awards. In 2018, the Times Higher has shortlisted the university for the prestigious title of University of the Year, putting Harper Adams in the top six universities in the country. The finals are in June 2018.

In the 2016 and 2017 Whatuni? Student Choice Awards, based on student reviews, Harper Adams took the title of University of the Year and won the Student Support and Job Prospects gold awards, plus silver and bronze in further categories. In 2018 the University was runner up for the University of the Year title and won 3 gold awards, 3 silver and 3 bronze. It is the only University to win Student Support since the awards began four years ago and has won the category for best job prospects for three years running and best courses and lecturers for two years running.

Harper Adams ranked second in the 2016 Times Higher Education Student Experience Survey. In the Times and Sunday Times Good University Guide 2017, the University was ranked 36th, the highest position yet achieved by a post-1992 university, and was awarded the title of Modern University of the Year. In 2017 it was the highest ranked modern University for the second year in a row. In the QS World Rankings for Agriculture and Forestry published in March 2018, Harper Adams was ranked second in the UK for academic reputation and second in the world for its reputation with employers.

## **Facilities**

Harper Adams has extensive, well-equipped facilities and is constantly investing in its campus. Facilities include a range of modern teaching facilities and an extensive library, a variety of IT suites including an engineering design centre, newly extended laboratory facilities, a field laboratory and a livestock project centre, a glasshouse complex, an agricultural engineering unit with a large covered soil working area and a number of sustainable technology installations. In 2013 a new teaching building and a new agricultural engineering innovation centre opened. In 2015/16 these were followed by two further buildings, one for veterinary services and one for entomology, and new halls of residence. Further new facilities opened in the period since 2017 include new laboratories, an Agri-Tech Innovation Hub and SMART Dairy Unit. Capital funding to support the development of many of these facilities has been provided through the work of the Development Trust. The University provides a range of training and professional development opportunities via its staff development programme.

## **Catering and Sports Facilities**

The University's Students' Union operates a small gym and squash courts that staff may use on the payment of a nominal fee. The University has an open-air swimming pool and bowling green that are available for staff use during the summer period and new tennis courts have recently been developed. A variety of University catering outlets provide access to lunch facilities on campus.

For further details about the University, please visit our website:

<http://www.harper-adams.ac.uk>

## **The Food Technology and Innovation Team**

Harper Adams University is seeking to recruit a Lecturer in Food Science and Technology with particular emphasis on food production and manufacture. The successful applicant will be required to deliver research-led teaching across the suite of undergraduate, postgraduate and apprenticeship food technology programmes, covering ingredient functionality, food chemistry and related quality attributes. This will include responsibility for supervising student research projects and placement projects.

This is an opportunity to join an experienced team of food technologists and food marketing and management specialists. We are seeking applicants who compliment that of the current team and hence we are looking for someone with particular expertise in food production and/or manufacture.

A Masters/PhD in a relevant subject area is essential and experience of teaching in Higher Education would be beneficial.

## **Main Duties and Responsibilities**

You will play a key role in expanding the expertise and reputation of the Department of Food Technology and Innovation. The main duties of the role include:

1. Develop and deliver lectures, tutorials, seminars, practicals and other class at undergraduate and postgraduate level.
2. Designing, preparing and marking exam and coursework assessments at undergraduate level, including the development of site-based projects, team activities and workshop exercises.
3. Supervising undergraduate and postgraduate projects whilst providing a high standard of support and guidance.
4. Supporting and visiting undergraduate students during placement periods, as appropriate.
5. Contributing to undergraduate curriculum development through the design of modules appropriate to areas of personal expertise.
6. Participating in the recruitment and selection of students at University Open Days and events.
7. Undertaking research or other scholarly activity, in support of your teaching, leading to the publication of technical papers, conference presentations or the development of CPD initiatives
8. Undertaking a range of administrative duties to support the general management and development of the University, its students, courses and staff, including attendance at appropriate departmental meetings, academic boards and committees.

9. Collaborating with researchers within and outside of Harper Adams University to establish and develop own area of research.
10. Participating in appropriate professional activities (external consultancy/business support) that will enhance the reputation of the post-holder and the University.
11. Attend and participate in relevant academic and management committees.
12. All other duties and responsibilities commensurate with the post and the salary range of the grade.

The exact focus of activity will be determined through negotiation with the individual staff members, recognising their aspirations and strengths, University priorities, administrative and development needs.

The University has a positive policy on staff development and the appointee will be encouraged to gain additional experience and/or qualifications relevant to the post. They will be expected to become a member of the Higher Education Academy within the first three years of employment.

### Personal Specification

	<b>Essential</b>	<b>Desirable</b>
Qualifications	Masters/PhD in a relevant subject area.  A teaching qualification <b>or</b> significant industry/research experience.	Broad knowledge of food science and technology.  Membership of appropriate professional organisations.
Experience	Post-qualification experience of ingredient functionality and/or food chemistry and related quality attributes.	Experience of teaching in Higher Education.
Knowledge/Skills	Competent and confident in the application of knowledge in ingredient functionality, food chemistry and related quality attributes.  Evidence of ongoing CPD post-qualification.	Commitment to undertaking research.
Personal Qualities	Self-motivated individual who is able to work independently as well as part of a team.  Excellent written and oral communication skills.  IT skills with experience across a range of software.	

## Conditions of Service

**Salary** The commencing salary will be within the range £34,189 - £40,792 per annum. (The point of entry will be dependent upon relevant qualifications and experience) Salaries are paid monthly, in arrears, by credit transfer.

**Pension** The person appointed will be entitled to participate in the Teachers' Pension Scheme (TPS) subject to its terms and conditions from time to time in force, unless election is made to make private pension arrangements or to participate in the State Earnings Related Pension Scheme (SERPS)

**Contract of Employment** The Contract of Employment will be that agreed between PCEF and the unions recognised at national level (the Polytechnics and Universities National Negotiating Committee Lecturers' Common Interest Group) on 5 December 1990, revised to comply with the Trade Union Reform and Employment Rights Act 1993 and the provisions of the National Framework Agreement for the modernisation of pay structures. The main features are:

- participation in staff appraisal schemes;
- exclusivity of contract;
- clauses relating to patents and inventions, copyright, confidential information, pensions, sickness and maternity benefits.

A full copy of the Contract of Employment and associated conditions will be available for inspection by candidates shortlisted for interview.

**Removal Expenses** The lowest of three tenders for removal expenses within the United Kingdom will be refunded. If the successful candidate terminates the engagement within six months of commencement the removal expenses must be repaid to the University.

**Probationary Period** The appointment is subject to satisfactory completion of a twelve month probationary period.

**Criminal Convictions** The post involves the opportunity for access to children and young persons under the age of 18. For this reason the University is entitled to take into account any criminal convictions, cautions or impending case(s) that it considers to be relevant to this post.

The post is exempt from the provisions of the Rehabilitation of Offenders Act 1974. This means that applicants are not entitled to withhold information about convictions which for other purposes are "spent" under the provisions of the Act.

Applicants must therefore complete the part of the application form declaring any criminal convictions and cautions from any court or police authority. The successful applicant will have to undergo a Criminal Records Bureau check before an appointment can be made.

**References:**

Candidates should ensure that they provide full details of the name and postal address of their referees. Please include e-mail addresses and telephone numbers wherever possible.

Referees should include your present, or most recent, employer.

**Application Procedure:**

All applications should be completed and submitted using the Harper Adams e-Recruitment programme at <http://jobs.harper-adams.ac.uk>

**To be completed no later than midnight on Sunday 31<sup>st</sup> March 2019**