

THE POST

College/Service:	College of Life and Environmental Sciences, Biosciences (Exeter)
Post:	Lecturer/Senior Lecturer/Associate Professor/Professor in Biology
Reference No:	P01032
Grade:	Lecturer F Senior Lecturer G Associate Professor H Professors Professorial Scale

Job Description

Biosciences at the University of Exeter is continuing its expansion as a world-class centre for research, teaching and training that provides a stimulating and inspirational environment which brings out the very best in our staff and students (<https://biosciences.exeter.ac.uk>). We are a strong and strategically smart academic community, combining ground-breaking studies and the pursuit of knowledge with high-quality teaching, reinforced by state-of-the-art facilities, and excellent academic support. We are located on the University's campuses in Exeter, Devon and near Falmouth, Cornwall; two of the most beautiful areas of the UK. The current advertised positions will be recruited into our Exeter Faculty.

Research at our Exeter Campus ranges from fundamental studies of how biological molecules function, to developing an understanding of how organisms interact with one another and within the ecosystems they occupy. Although organised into distinct research groupings that reflect core research interests, we actively foster interdisciplinary research across the University, and beyond. Our 54 Faculty are situated over four closely and, in most cases, physically-linked buildings; the Geoffrey Pope Building, the Hatherly Building and the recently established £52M Living Systems Institute (<https://www.exeter.ac.uk/livingsystems>) and the new BioEconomy Centre. As such, we seamlessly bridge fundamental and applied, focused and multi-disciplinary Biosciences research, attracting funding from NERC, BBSRC and EPSRC, and from a wide range of industrial, governmental and NGO organisations.

We provide an inspirational, demanding and ultimately rewarding learning experience, teaching undergraduates in a broad, yet deep, Biological Sciences degree programme, in addition to more focused Biochemistry and Biological and Medicinal Chemistry degrees (<http://www.exeter.ac.uk/undergraduate/degrees/biosciences>). We also contribute to programmes jointly run with other Departments and Colleges, such as the Medical Sciences, Human Biosciences and Natural Sciences degrees, and co-ordinate a Masters programme in Food Security. We have a vibrant postgraduate research community comprised of over 150 research students who, together with ~100 early career researchers, and our professional and technical service colleagues, makes our community a diverse and considerate environment in which individuals can realise their full potential.

The Department and the University have exceptional resources, including one of the largest and most diverse aquatic facilities in Europe (<https://www.exeter.ac.uk/research/marine/facilities/>), bespoke plant and invertebrate facilities, outstanding imaging capabilities (including cryo-electron, super-resolution fluorescence and light sheet microscopy), a small-molecule focussed mass spectrometry facility, NMR spectroscopy and one of the UK's best-regarded sequencing facilities (<http://sequencing.exeter.ac.uk>). The recent major infrastructure investments by the University, such as the Living Systems Institute (<https://www.exeter.ac.uk/livingsystems>) and the BioEconomy Centre, both of which are directly attached to the main Biosciences building, demonstrate the excellence and future vision for life-sciences at Exeter.

Applications are encouraged from outstanding scientists in all fields of Biology, from ecosystems to biological chemistry, and its industrial, commercial and environmental applications. We are particularly keen to seek applications from those whose work distinctively augments our current strengths in plant biology, fungal biology, aquatic biology, environmental biology, molecular cell and

developmental biology and those working on microbial communities and their relationship to plant and human health. Relevant joint appointments with NGOs and industrial partners will also be considered.

Summary of post

This post is primarily to support research and teaching activities in an area of the Biological Sciences. The post holder will be an innovative researcher with an outstanding and current record of research funding and international quality publications.

Whilst working predominantly in Biosciences, the postholder will be a member of one of the University of Exeter's College of Life and Environmental Sciences (CLES).

Lecturer

Job Description

Main duties and accountabilities

1. To fulfil research, teaching and administration duties as a lecturer in Biology.
2. To extend and enhance the research profile of Biosciences, attracting and supervising postdoctorate researchers and postgraduate research students.
3. To collaborate with colleagues both within the College and the University of Exeter as a whole in order to develop and support Biosciences research programmes and the College's research programme.
4. To contribute to the general operation of the College as a member of its academic team.

Research

1. To conduct independent research and act as principal investigator and project leader, and in so doing:
 - Enhance the College's international reputation through research publications of appropriate quantity and quality, and contribute to worldwide debate at national and international conferences, and
 - Win research earnings through carefully prepared and successful grant applications as well as identifying potential income-generating programmes and collaborative partnerships.
2. To supervise research projects, managing any dedicated research staff and postgraduate research students, and provide the mentorship to enable staff and students to develop their skills and academic careers.
3. To help promote a collegiate working atmosphere and stimulating environment that will attract further research staff of the highest quality as well as good postgraduate research students.
4. To contribute to the further and ongoing development of Biosciences research at Exeter.

Teaching

To deliver mainly undergraduate courses to appropriate academic standards such that:

1. Knowledge acquired from research translates to teaching
2. Students are challenged but also tutored and supported with individual care
3. Teaching and learning techniques are innovative and inspiring
4. Students are supervised appropriately
5. Assessment criteria are appropriate, and fairly applied with results fed back to students appropriately
6. Module content is continuously reviewed to identify areas for improvement

General

To contribute to the overall general and academic management in the College by undertaking activities that may be required such as:

1. Developing overall academic content and structure of modules with colleagues
2. Developing ideas for generating income and promoting both the College in general and Biosciences in particular.
3. Supporting admissions processes and procedures
4. Supporting examinations processes and procedures
5. Contributing to the work of College committees
6. Contributing to accreditation and quality control processes
7. Contributing to strategic planning

This job description summarises the main duties and accountabilities of the post and is not comprehensive: the post-holder may be required to undertake other duties of similar level and responsibility.

Person Specification

The successful applicant/s will have an independent research programme that will strengthen and complement the existing team at the University. They will be able to demonstrate the following qualities and characteristics:

1. PhD (Optional or nearing completion) or equivalent in a relevant subject.
2. Sufficient knowledge to develop teaching and research programmes
3. A strong record in attracting research funding, or demonstrable potential to attract such funding.
4. Teamwork skills to work in collaboration with existing group members
5. An active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally with other educational bodies, professional institutions and employers
6. The attitude and ability to engage in continuous professional development
7. The aptitude to develop familiarity with a variety of strategies to promote and assess learning
8. Enthusiasm for delivering undergraduate programmes

Senior Lecturer

Job Description

The full job description (role profile) for Senior Lecturer (Education and Research) posts can be found on our website at http://admin.exeter.ac.uk/personnel/academic_paths/academic_paths_tandr.shtml. This summarises the main duties and accountabilities of the post and is not comprehensive: the post-holder may be required to undertake other duties of similar level and responsibility.

Main purpose of the job:

To fulfil research, teaching and administration duties as a senior lecturer in Biology.

To extend and enhance the research profile of Biosciences, attracting and supervising postdoctorate researchers and postgraduate research students.

To contribute to the general operation of the College as a member of its academic team.

Research

To contribute to enhancing the quality and quantity of Biosciences research at Exeter in an area related or complementary to existing research strengths.

To conduct independent research and act as principal investigator and project leader, and in so doing:

- Enhance the College's international reputation through research publications of appropriate quantity and quality, and contribute to worldwide debate at national and international conferences, and
- Win research earnings through carefully prepared and successful grant applications as well as identifying potential income-generating programmes and collaborative partnerships.

To supervise research projects, managing any dedicated research staff and postgraduate research students.

To help promote a collegiate working atmosphere and stimulating environment that will attract further research staff of the highest quality as well as good postgraduate research students.

To contribute to the further and ongoing development of Biosciences research at Exeter.

Teaching

To develop and deliver undergraduate courses to appropriate academic standards such that:

- Knowledge acquired from research translates to teaching
- Accreditation by professional bodies is obtained where appropriate
- Students are challenged but also tutored and supported with individual care
- Teaching and learning techniques are innovative and inspiring
- Students are supervised appropriately
- Assessment criteria are appropriate, and fairly applied with results fed back to students appropriately
- Module content is continuously reviewed to identify areas for improvement

General

To contribute to the overall general and academic management in the College by undertaking activities that may be required such as:

- Developing overall academic content and structure of modules with colleagues
- Developing ideas for generating income
- Supporting admissions processes and procedures
- Supporting examinations processes and procedures
- Contributing to the work of College committees
- Contributing to accreditation and quality control processes

Person Specification for Senior Lecturer

The successful applicant/s will have an independent, internationally-recognised research programme in an active field of Biosciences research related or complementary to existing Exeter strengths. They will be able to demonstrate the following qualities and characteristics:

- A PhD or equivalent qualification/experience in the subject or a closely related discipline
- A strong record in attracting research funding, or demonstrable potential to attract such funding
- Teamwork skills to work in collaboration with existing group members
- An active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally
- The attitude and ability to engage in continuous professional development
- The aptitude to develop familiarity with a variety of strategies to promote and assess learning
- Enthusiasm for delivering undergraduate and postgraduate programmes
- A strong record of research grant capture
- Proven academic leadership skills
- Be an externally recognised authority in the broader subject area.

Associate Professor

Job Description

The full job description (role profile) for Associate Professor (Education and Research) posts can be found on our website at <http://www.exeter.ac.uk/staff/employment/academicroles/youteachandresearch>. This summarises the main duties and accountabilities of the post and is not comprehensive: the post-holder may be required to undertake other duties of similar level and responsibility.

Research and Scholarship

1. Support the development and implementation of Biosciences and CLES research strategy.
2. Lead and co-ordinate research activity.
3. Manage research and other collaborative partnerships with other educational institutions or other bodies.
4. Lead bids for research, consultancy and other additional funds.
5. Write publications of the appropriate defined standard or disseminate research findings using media appropriate to the discipline.
6. Conduct research into learning and teaching methodologies and disseminate best practice within the Institution and externally.
7. Develop and promote the use of innovative assessment methods.

Teaching and Learning Support

1. Oversee the design and development of curricula as needed.
2. Design, develop and deliver a range of programmes of study at various levels.
3. Lead the development and clarification of academic standards and quality for the subject area

4. Working closely with the Director of Education and Head of Department in the development and implementation of teaching and learning strategy.
5. Make a significant contribution to the development of academic policies across the Institution.

Liaison and Networking

1. Lead and develop internal and external networks to foster collaboration and share information and ideas and to promote the subject and the Institution.
2. Participate in internal and external networks in relation to research and research funding, teaching and teaching funding, and consultancy.
3. Promote and market the work of the Department and College in the subject area both nationally and internationally.
4. Contribute to the enhancement of research quality and thinking in the field by being involved in quality assurance and other external decision making bodies.

Managing people and managing resources

1. Act as line manager for matters relating to the employment of staff and ensuring the work is allocated fairly, according to skills and capacity.
2. Consider carrying out the role of an Academic Lead, i.e. sustaining a shared sense of direction for the Department and a shared participation in the University and Colleges' success through engagement with University and College strategies ensuring decisions are taken forward effectively by all staff they lead enabling, supporting and celebrating individual achievement.
3. Take overall responsibility for the organising and deployment of resources within own areas of responsibility

Person Specification

The successful applicant/s will have an independent, internationally-recognised research programme in an active field of Biosciences research related or complementary to existing Exeter strengths. They will be able to demonstrate the following qualities and characteristics:

1. Be a leading authority with an established international reputation.
2. Possess in depth knowledge of specialism to enable the development of new knowledge, innovation and understanding in the field.
3. Possess a thorough understanding of institutional management systems and the wider higher education environment, including equal opportunities issues.
4. Have a strong record in attracting research and/or scholarship funding.
5. Have an active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally.

Professor Job Description

Research

1. Support the development and implementation of Biosciences and CLES research strategy
2. Lead and co-ordinate research activity.
3. Manage research and other collaborative partnerships with other educational institutions or other bodies.
4. Lead bids for research, consultancy and other additional funds.
5. Write publications of the appropriate defined standard or disseminate research findings using media appropriate to the discipline.
6. Lead and develop internal and external networks to foster collaboration and share information and ideas and to promote the subject and the Institution.
7. Contribute to the enhancement of research quality and thinking in the field by being involved in quality assurance and other external decision-making bodies.
8. Lead the development of new and creative approaches in responding to research challenges.

9. Plan and implement research projects and monitor progress to ensure the achievement of financial and research objectives.

Communication, Administration and Management

1. Be routinely involved in complex and important negotiations internally and with external bodies, particularly in relation to research, research funding and consultancy.
2. Participate in Institutional decision making and governance.
3. Participate in internal and external networks in relation to research and research funding.
4. Promote and market the work of the Department, CLES and the University of Exeter nationally and internationally.
5. Seek diversity of funding by engaging with industry and/or other partners.
6. Exercise academic leadership for all subject area activities - teaching and/or research, as appropriate.
7. Act as line manager for matters relating to the employment of staff and ensuring the work is allocated fairly, according to skills and capacity.
8. Appraise and advise staff on personal and career development plans and mentor research activity.
9. Develop and communicate a clear vision of the unit's strategic direction.
10. Promote a collegiate approach and develop team spirit and team coherence.
11. Foster inter-disciplinary team working.
12. Determine the allocation of resources within own area of responsibility.
13. Take overall responsibility for the organising and deployment of resources within own areas of responsibility.

Person Specification

The successful applicant/s will have an independent, internationally-recognised research programme in an active field of Biosciences research related or complementary to existing Exeter strengths. They will be able to demonstrate the following qualities and characteristics:

1. Be a leading academic authority with an international reputation.
2. Demonstrate clear evidence of world leading and international excellence in published research.
3. Have a strong track record in attracting research and/or scholarship funding.
4. Have an active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally and enable the development of new knowledge, innovation and understanding in the field.
5. Possess a thorough understanding of institutional management systems and the wider higher education environment, including equal opportunities issues.
6. Proven ability to deliver high quality teaching at undergraduate and postgraduate levels, including the development of new modules and participation in team-taught modules as appropriate
7. Proven ability to attract and supervise PhD and other research students and contribute to general research activity.
8. Commitment to demonstrating the wider impact of research.

This job description summarises the main duties and accountabilities of the post and is not comprehensive: the post-holder may be required to undertake other duties of similar level and responsibility.

Terms & Conditions

Our Terms and Conditions of Employment can be viewed [here](#).

Further Information

Please see our [website](#) for further information on working at the University of Exeter.