POSITION DESCRIPTION

Position Title: Senior Research Fellow
Organisation Unit: School of Agriculture and Food Sciences
Position Number: 3041747
Type of Employment: Full time, Fixed Term
Classification: Research Academic Level C

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver knowledge leadership for a better world.

UQ ranks in the world’s top universities, as measured by several key independent ranking, including the Performance Ranking of Scientific Papers for World Universities (43), the US News Best Global Universities Rankings (52), QS World University Rankings (47), Academic Ranking of World Universities (55), and the Times Higher Education World University Rankings (65). UQ again topped the nation in the prestigious Nature Index and our Life Sciences subject field ranking in the Academic Ranking of World Universities was the highest in Australia at 20.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience – the UQ Advantage – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more national teaching excellence awards than any other in the country and attracting the majority of Queensland’s highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia’s Group of Eight, a charter member of edX and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

Our 50,000-plus strong student community includes more than 13,000 postgraduate scholars and more than 12,000 international students from 144 countries, adding to its proud 240,000-plus alumni. The University has about 7,000 academic and professional staff and a $1.8 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in research areas in neuroscience, biomolecular and biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.
UQ has an outstanding track-record in commercialisation of our innovation with major technologies employed across the globe and integral to gross product sales of $11billion+ (see http://uniquest.com.au/our-track-record).

UQ has a rapidly growing record of attracting philanthropic support for its activities and this will be a strategic focus going forward.

Organisational Environment

The School of Agriculture and Food Sciences is one of the largest schools of this type in Australia, comprising research and teaching experts in plant and soil science, animal science, agricultural business, environmental science and food, nutrition and technology. With a diverse group of internationally regarded scientists, our experts deliver knowledge, skills and research that provide solutions to world issues in climate change, feeding the world, managing the environment, replacing fossil fuels with biofuels, maintaining biodiversity and supporting economic and community development.

Located at St Lucia and Gatton, the School is a large and dynamic multidisciplinary hub focused on applied research and teaching within the Faculty of Science committed to finding innovative and technology focussed solutions to global challenges. The School offers a range of undergraduate and postgraduate coursework and research degrees encompassing agriculture and related disciplines ranging from Bachelor Degree to Doctorate. Quality laboratories and facilities and strong partnerships with industry, community and government bodies, provide an environment that enables world class research and research training in a collaborative and cooperative spirit for postgraduate students and researchers.

Further information on the School's teaching programs, research focuses and community activities can be accessed at www.uq.edu.au/agriculture. Faculty of Science information covering 7 Schools and 19 Centres is available at www.uq.edu.au/science and information on the Queensland Alliance for Agriculture and Food Innovation – a joint initiative between The University of Queensland and the Queensland State Government, which the School is closely aligned with, is available at www.qaafi.uq.edu.au.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - http://www.uq.edu.au/current-staff/working-at-uq

The University of Queensland Enterprise Agreement outlines the position classification standards for Levels A to E.

DUTY STATEMENT

Primary Purpose of Position

To participate on a biomanufacturing advanced animal feed supplements research project funded by an Advance Queensland Innovation Partnerships Grant. The project is being conducted jointly by the University of Queensland and the Queensland University of Technology in conjunction with Ridley AgriProducts Pty Ltd, Bioproton Pty Ltd, and Kennedy Creek Lime Pty Ltd.

This position will participate in innovative research developments, conduct original research within the general scope of the grant, provide research input to other staff and research
students where relevant, participate and/or lead interactions with research collaborators, and provide support in literature review and research document preparation.

Duties

Duties and responsibilities include, but are not limited to:

Research

- Develop and implement a program of research in the area of gastrointestinal function and gut health
- Work with colleagues and postgraduates in the development of the research program and delivery of expected research outcomes
- Produce milestone reports and relevant project submission documents
- Publish high quality scholarly papers
- Actively seek funding from industry and government sources

Teaching and Learning

- Have an active and effective record of principal supervision of research higher degree students
- Where appropriate provide teaching support and leadership

Service and Engagement

- Perform effectively a range of higher level internal duties with a strong contribution to external activities of the School
- Serve on School committees where required
- Foster the School’s relations with industry, government departments, professional bodies and the wider community
- Any other duties as reasonably directed by your supervisor

Other

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including but not exclusive to:

- the University's Code of Conduct
- requirements of the Queensland occupational health and safety (OH&S) legislation and related OH&S responsibilities and procedures developed by the University or Institute/School
- the adoption of sustainable practices in all work activities and compliance with associated legislation and related University sustainability responsibilities and procedures
- requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related responsibilities and procedures developed by the University

Organisational Relationships

The position reports to the project Chief Investigator, Professor Wayne Bryden.
SELECTION CRITERIA

- PhD in the area of Animal/Veterinary Science or related discipline
- Demonstrated expert knowledge in the area of feed supplementation and animal production and health
- Experience in the conduct of experiments with poultry and ruminants
- Demonstrated knowledge with techniques for verifying gut function and health
- Demonstrated capacity for independent research
- Evidence of a contribution to research, including successful external grant applications
- National recognition with a strong track record of the publication of research findings in peer reviewed, high quality journals
- An active and effective record of supervision of Higher Degree Research students
- Excellent interpersonal skills including the ability to communicate effectively with colleagues and other stakeholders within the University and externally
- Capacity for forward planning and prioritisation of tasks
- Demonstrated ability to work independently and meet deadlines
- Conduct of research with probiotics and feed enzymes would be desirable
- Experience in liaising and collaborating with external agencies to develop co-operative research initiatives would be desirable
- A developing international profile in the discipline area would be desirable

Seminar

Applicants invited for interview may be expected to present a seminar in conjunction with the selection interview process.

Qualification Verification

An appointment to this position is subject to the verification of the highest academic qualification from the conferring institution.

The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the University’s Diversity and Inclusion webpage (http://www.uq.edu.au/equity) for further information and points of contact if you require additional support.

This role is a full-time position; however flexible working arrangements may be negotiated.

Accessibility requirements and/or adjustments can be directed to the contact person listed in the job advertisement.