## ROLE PROFILE

**Job Title:** Assistant Professor of Microbiology  
**School/Department:** School of Biosciences/Division of Microbiology, Brewing & Biotechnology  
**Job Family and Level:** Research and teaching Level 5 (Extended)  
**Contract Status:** Permanent  
**Hours of Work:** Full time, 36.25 hours per week  
**Location:** Food Sciences Building, Sutton Bonington Campus  
**Reporting to:** Prof Ian Connerton  

### Purpose of the New Role:
The University of Nottingham has both teaching and research interests in Microbiology and Biotechnology. Teaching into both Undergraduate and Postgraduate programmes the role holder will contribute to delivery of cutting-edge teaching in the areas Microbiology, and/or Biotechnology. Their research portfolio will align to the strengths of the School of Biosciences and one or more foci of research within the Division that include fermentation technology, environmental microbiology, animal disease, food-borne disease, zoonoses, and the developing area of gut microbiota.

### Main Responsibilities

<table>
<thead>
<tr>
<th>Research</th>
<th>Teaching</th>
<th>% time per year</th>
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| 1. **Research:**  
- To undertake original research in an area of microbiology.  
- To publish research in high ranking peer-reviewed journals.  
- To seek external, including industrial, research funding as appropriate.  
- To produce research suitable for dissemination to conferences, workshops and meetings (both international and national).  
- To forge collaborations within and outside the University as appropriate.  
- To encourage and work with other members of the Division/School/University on joint research activities, including research seminars.  
- To undertake research student supervision as required.  
- To contribute fully to School research activities, including the provision of information required for the REF or similar activities. |  
| 2. **Teaching:**  
- To prepare and deliver lectures, seminars/tutorials and practicals at undergraduate and postgraduate levels in the areas of microbiology and biotechnology.  
- To supervise undergraduate and postgraduate project students in the area of microbiology and Biotechnology.  
- To participate in assessments for initial and higher degrees and diplomas of the University.  
- To contribute to course and curriculum development and design, including course management (where appropriate).  
- To support and comply with the University and School teaching quality assurance standards and procedures, including the provision of such information as may be required. | 45% | 45% |
3. **Administration:**
   - To undertake administrative work/management functions and generally to assist with efficient and effective completion of the work of the School and the University. This may include participation in relevant committees and working groups.
   - To act as a personal tutor for both undergraduate and postgraduate students as required.
   - To take part in and contribute to staff development activities consistent with continuous professional development.
   - To ensure compliance with health and safety requirements in all aspects of work.
   - Any other duties appropriate to the grade and role of the person appointed.

4. This job description may be subject to revision following discussion with the person appointed and forms part of the contract of employment.

### Knowledge, Skills, Qualifications & Experience

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<tr>
<th>Qualifications/Education</th>
<th>Essential</th>
<th>Desirable</th>
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<tbody>
<tr>
<td><strong>Skills/Training</strong></td>
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<tr>
<td>Proven ability to produce high quality research outputs in microbiology.</td>
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<td>Proven ability to teach at undergraduate and postgraduate levels in relevant subjects.</td>
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<td>Ability to carry out an independent research programme.</td>
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<td>Excellent communication and presentation skills.</td>
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<td><strong>Experience</strong></td>
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<td>Evidence of high quality publications in academic journals in areas relevant to the School of Biosciences - as set out in Purpose of Role.</td>
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<tr>
<td>Ability to teach at undergraduate and postgraduate levels in relevant subjects.</td>
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<td><strong>Statutory/Legal</strong></td>
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<td>Ability to work to deadlines and prioritise tasks.</td>
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<td>Ability to develop own research area and flexibility to collaborate with colleagues.</td>
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<td>Ability to work well in a team.</td>
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**Essential**

- PhD in microbiology or related subject.

**Desirable**

- Postgraduate qualification in teaching (or equivalent), or evidence of working towards.

- Record of attracting research funding and/or leading research projects.
- Delivery and/or administration of modular teaching at HE level, and/or, participation in successful supervision of higher degree students.

**Additional information**

The vision of the School of Biosciences is to show excellence in research and in teaching and to become a truly outstanding place to work. A key element of that vision is to embed equality of opportunity into everything that we do, with fairness, transparency and respect being our core values. The School has been an Athena SWAN award holder since 2009 and the current Silver award is valid until 2022. The School's active Equality and Diversity Committee has worked to introduce many initiatives to raise the profile of women in science. Just a few examples are the ‘Redressing the Balance’ seminar series,
increasing the numbers of women being promoted from Teaching/Research Associate through to Assistant and Associate Professor levels, posters highlighting inspiring women in science, and an Equality, Diversity and Inclusion blog (http://blogs.nottingham.ac.uk/biosciedi/).

Additionally, there have been many equality-based initiatives of benefit to all staff such as the introduction of a School flexible working policy, transparent and fairly advertised appointments to School Committees and senior leadership roles, workshops to support promotion applications.

The University of Nottingham is an Athena SWAN Silver award holder and is a member of the Stonewall Diversity Champions network. To find out more about Athena Swan see: http://www.ecu.ac.uk/equality-charters/athena-swan/.