

Academic staff in the School of Biosciences

Head of School

[Professor Steve Busby \(/schools/biosciences/staff/profile.aspx?ReferenceId=5078&Name=professor-steve-busby\)](/schools/biosciences/staff/profile.aspx?ReferenceId=5078&Name=professor-steve-busby)

Professor of Biochemistry
Head of School

School of Biosciences

Research in Steve Busby's lab is concerned with understanding the molecular mechanisms that control gene expression in bacteria, with particular attention to studying the regulation of transcription initiation in *Escherichia coli*. Much of the recent work has focussed on the expression of virulence determinants in pathogenic strains.

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Academic staff

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[Professor Lynne Macaskie \(/schools/biosciences/staff/profile.aspx?ReferenceId=9724&Name=professor-lynne-macaskie\)](/schools/biosciences/staff/profile.aspx?ReferenceId=9724&Name=professor-lynne-macaskie)

Professor of Applied Microbiology

School of Biosciences

Lynne Macaskie has been working for more than 25 years on applications of microorganisms in various areas of Biotechnology for the Environment. Her interests range from bioremediation of xenobiotics and heavy metals through to nuclear waste treatment and biomineral encapsulation and barrier agents for this.

Over the last 15 years she has moved into hydrogen ...

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Senior Lecturer

School of Biosciences

Programme Director for Natural Sciences.

Dr Roisin Madigan teaches on a variety of courses in Biosciences and the Medical and Dental School, and has particular interest in problem-based learning.

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Senior Lecturer in Genetic Conservation

School of Biosciences

Nigel Maxted is a Senior Lecturer in Plant Genetic Conservation, with specific expertise in *in situ* and *ex situ* conservation techniques.

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Lister Fellow & Professor of Infectious Disease

School of Biosciences

I am Professor of Infectious Disease and Lister Fellow in the School of Biosciences. My research centres on human infectious diseases, with a particular focus on the molecular basis of host-pathogen interactions.

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Senior Lecturer

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I am the current head of Biochemistry degree programmes.

I am in the molecular and cellular biology research theme.

My research field is in calcium signalling.

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Senior Lecturer

Academic Director - Birmingham Foundation Academy

School of Biosciences

Dr Steve Minchin has an interest in transcriptional control at both the molecular and genomic level. He has a strong interest in research-led teaching, innovation and quality management. In 2009 he was awarded the Head of Schools' Award for Excellence in Teaching and Supporting Student Learning.

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Lecturer in Behavioural Ecology and Morphology

First Year Teaching Coordinator

PASS Academic Lead

School of Biosciences

Dr Julia Myatt is a lecturer in Behavioural Ecology and Morphology and teaches on a range of modules, including field courses, across all Undergraduate years.

Julia is also the First Year Teaching Coordinator (Tutor) and oversees all academic matters (including PASS) during the first year.

Her research interests have focused on the ...

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