

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.

Telephone **+44 (0)121 41 45402** (tel:+44 121 41 45402)

Email **s.j.w.busby@bham.ac.uk** (mailto:s.j.w.busby@bham.ac.uk)



Academic staff

[A](#) **[B](#)** **[C](#)** **[D](#)** **[E](#)** **[F](#)** **[G](#)** **[H](#)** **[I](#)** **[J](#)** **[K](#)** **[L](#)** **[M](#)** **[N](#)** **[O](#)** **[P](#)** **[Q](#)** **[R](#)** **[S](#)** **[T](#)** **[U](#)** **[V](#)** **[W](#)** **[X](#)** **[Y](#)** **[Z](#)**
[A](#) **[B](#)** **[C](#)** **[D](#)** **[E](#)** **[F](#)** **[G](#)** **[H](#)** **[I](#)** **[J](#)** **[K](#)** **[L](#)** **[M](#)** **[N](#)** **[O](#)** **[P](#)** **[Q](#)** **[R](#)** **[S](#)** **[T](#)** **[U](#)** **[V](#)** **[W](#)** **[X](#)** **[Y](#)** **[Z](#)**
[A](#) **[B](#)** **[C](#)** **[D](#)** **[E](#)** **[F](#)** **[G](#)** **[H](#)** **[I](#)** **[J](#)** **[K](#)** **[L](#)** **[M](#)** **[N](#)** **[O](#)** **[P](#)** **[Q](#)** **[R](#)** **[S](#)** **[T](#)** **[U](#)** **[V](#)** **[W](#)** **[X](#)** **[Y](#)** **[Z](#)**

[Dr Jackie Chappell \(/schools/biosciences/staff/profile.aspx?ReferenceId=5282&Name=dr-jackie-chappell\)](/schools/biosciences/staff/profile.aspx?ReferenceId=5282&Name=dr-jackie-chappell)

Senior Lecturer in Animal Behaviour

School of Biosciences

Dr Chappell is an expert in the field of animal cognition, and is involved in interdisciplinary research and teaching between the fields of biology, psychology and computer science.

Telephone **+44 (0)121 414 3257** (tel:+44 121 414 3257)

Email **j.m.chappell@bham.ac.uk** (mailto:j.m.chappell@bham.ac.uk)



[Dr Juliet Coates \(/schools/biosciences/staff/profile.aspx?ReferenceId=4301&Name=dr-juliet-coates\)](/schools/biosciences/staff/profile.aspx?ReferenceId=4301&Name=dr-juliet-coates)

Lecturer in Plant Molecular Genetics
Royal Society Leverhulme Trust Senior Research Fellow 2013-14

School of Biosciences

My research interest is in understanding development and evolution, particularly in plants. I run a small research group who work primarily with moss and Arabidopsis; we also grow liverworts, spikemoss, grasses, green seaweeds and microalgae. We use molecular genetics, cell biology, developmental biology and 'omics approaches to understand gene and protein function in these ...

Telephone **+44 (0)121 41 45478** (tel:+44 121 41 45478)

Email **j.c.coates@bham.ac.uk** (mailto:j.c.coates@bham.ac.uk)



[Professor John Kenneth Colbourne \(/schools/biosciences/staff/profile.aspx?ReferenceId=45774&Name=professor-john-kenneth-colbourne\)](/schools/biosciences/staff/profile.aspx?ReferenceId=45774&Name=professor-john-kenneth-colbourne)

Professor, Chair of Environmental Genomics

School of Biosciences

John Colbourne's investigations encompass the fields of evolutionary ecology, high-throughput biology, environmental and functional genomics. From this blend of disciplines emerges a research program that centers on connecting gene expression and genome structure with individual fitness and population-level responses to environmental challenges.

Telephone **+44 (0)121 414 5423** (tel:+44 121 414 5423)

Email **j.k.colbourne@bham.ac.uk** (mailto:j.k.colbourne@bham.ac.uk)



[Professor Helen J. Cooper \(/schools/biosciences/staff/profile.aspx?ReferenceId=9710&Name=professor-helen-j.-cooper\)](/schools/biosciences/staff/profile.aspx?ReferenceId=9710&Name=professor-helen-j.-cooper)

Professor of Mass Spectrometry

School of Biosciences

Professor Helen J. Cooper is an expert in the gas-phase ion chemistry of peptides and proteins. She is a world-leader in the field of electron capture dissociation mass spectrometry and is responsible for establishing the University of Birmingham as a centre of excellence in mass spectrometry research. Professor Cooper has published extensively in peer-reviewed journals and serves on a ...

Telephone **+44 (0)121 41 47527** (tel:+44 121 41 47527)

Email **h.j.cooper@bham.ac.uk** (mailto:h.j.cooper@bham.ac.uk)



[Dr Debbie Cunningham \(/schools/biosciences/staff/profile.aspx?Referenceld=88265&Name=dr-debbie-cunningham\)](/schools/biosciences/staff/profile.aspx?Referenceld=88265&Name=dr-debbie-cunningham)

Lecturer in Molecular Cell Biology and Signalling

School of Biosciences

Dr Cunningham is an expert in the use of quantitative proteomics techniques to characterise regulatory phosphorylation events and protein-protein interactions that occur during growth factor induced cell signalling.

Telephone [+44 \(0\)121 414 2652](tel:+441214142652) (tel:[+44 121 414 2652](tel:+441214142652))

Email d.cunningham@bham.ac.uk (mailto:d.cunningham@bham.ac.uk)



[Privacy](#) | [Legal](#) | [Cookies and cookie policy](#) | [Accessibility](#) | [Site map](#) | [Website feedback](#) | [Charitable information](#)

© University of Birmingham 2015

