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Dr Julia Lodge

Senior lecturer

School of Biosciences (/schools/biosciences/index.aspx)

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About

As Head of the Biological Sciences Programmes I am responsible for the overall shape of the degree programme. I am also the Masters Programmes coordinator for the School of Biosciences.

My main academic interests are in Microbiology and Molecular Biotechnology. I teach microbiology, focusing on bacteria and their role in human health and disease.

One of my other interests is in innovative teaching methods designed to enhance the experience of learning for students and in particular in improving the quality of the feedback that students receive on their work.

Qualifications

BSc University of Southampton (1982)
PhD University of Aston (1986)
Post Graduate Certificate in Learning and Teaching in Higher Education, University of Birmingham (2004)

Biography

I did my first degree in Southampton and my PhD at Aston. I have done research with different bacteria, which cause disease in humans, most recently looking at how Salmonella invade gut tissue. I teach microbiology, especially about bacteria and their role in human health and disease.

Teaching

My interests are in Bacteriology, particularly molecular aspects and the role of bacteria in disease. I teach Microbiology to undergraduates in all 3 years of their degree and I also teach gene cloning. Together with Pete Lund and Steve Minchin I have written a text book “Gene Cloning, Principles and Applications”.

I also look after the first year “Skills for Biosciences” module and greatly enjoy running the first practical classes that new Biosciences students take. Linked with this module I am interested in enhancing literacy skills in undergraduate science students.

Other areas of interest are enhancing the learning experience for students, feedback and the transition from school to University.

Postgraduate supervision

For a list of possible PhD projects offered by Dr Lodge:

www.findaphd.com/search/customlink.asp?inst=birm-Biol&supersurname=Lodge (http://www.findaphd.com/search/customlink.asp?inst=birm-Biol&supersurname=Lodge)

Research

Research Theme within School of Biosciences: Molecular Microbiology

Publications

Harriet Jones, Adrian Bavage, Andrew Gilbertson, Martyn Gorman, Julia Lodge, Kate Phillips and Kay Yeoman (2009) Increasing the quality of feedback on assignments while altering student perceptions of good feedback based on their school experience. The Higher Education Academy. Available at:
http://www.heacademy.ac.uk/assets/York/documents/resources/publications/Jones_Final_Report.pdf (http://www.heacademy.ac.uk/assets/York/documents/resources/publications/Jones_Final_Report.pdf)

Julia Lodge, Steve Minchin and Pete Lund (2006)
Gene Cloning. Garland Science, Taylor & Francis Group

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