

Resources for Postgraduate and Postdoctoral teachers

From the Centre



New lecturers pack, hints and tips on teaching in the biosciences on a variety of topics, including labs and tutorials, and links to further resources and references. The pack is designed as a folder so you can add to it.

www.bioscience.heacademy.ac.uk/resources/resourcepack.aspx

New lecturer's webpages

www.bioscience.heacademy.ac.uk/network/newlecturer.aspx

Postgraduate demonstrators and teachers webpage

www.bioscience.heacademy.ac.uk/network/students/demonstrators.aspx

Short Guides, introductions to various aspects of learning and teaching in the biosciences.

www.bioscience.heacademy.ac.uk/resources/shortguides.aspx

Short Guide for Postgraduate Demonstrators which brings together hints and tips on demonstrating. www.bioscience.heacademy.ac.uk/ftp/resources/shortguides/demonstrators.pdf

ImageBank, online collection of over 7,000 bioscience images which have been copyright cleared for use in learning and teaching, use them to illustrate handouts, lecture slides, reports etc.

www.bioscience.heacademy.ac.uk/imagebank/



Bioscience Bulletin, the Centre's newsletter, contains short, informal articles on learning and teaching. www.bioscience.heacademy.ac.uk/resources/bulletin.aspx

From the sector

A series of **Short guides for postgraduates who teach** from the Maths Stats and OR Network.

www.mathstore.ac.uk/index.php?pid=23

Guide for Graduate Teaching assistants from the Economics Network, which although subject specific, has useful hints and tips if you are demonstrating or teaching.

www.economicsnetwork.ac.uk/handbook/qta/

Inspiring Learning about Teaching and Assessment by Phil Race and Sally Brown. This booklet is aimed at those who are relatively new to teaching in HE and postgraduates who teach/demonstrate. It provides practical suggestions and an introduction to the literature on the theories and practices of learning, teaching and assessment. Extracts from the booklet are available from <http://education.guardian.co.uk/higher/careers/story/0,9856,620225,00.html>

Developing Postgraduate's Teaching skills in the Sciences project, carried out at the University of East Anglia, produced a programme to develop the teaching skills of postgraduate students. www.uea.ac.uk/csed/projects/skills

Vitae have a webpage focussing on points to consider when teaching or demonstrating.

www.vitae.ac.uk/researchers/1260/Teaching-and-demonstrating.html

The **Biology Demonstrator's workshop and resource pack**, produced by the SEED (Science Education Enhancement and Development) programme, although specific to demonstrating at the University of Plymouth it has a useful checklist of things to consider when demonstrating.
<http://gees.ac.uk/resources/hosted/seed/gta.pdf>

Further resources available from:

www.bioscience.heacademy.ac.uk/network/students/demonstrators.aspx

Resources for your students

If you are teaching undergraduates they may find the following resources useful in their studies.

UK Centre for Bioscience student pages bring together a variety of resources for bioscience students, including the guide "Advice for Students Starting Their Bioscience Course". www.bioscience.heacademy.ac.uk/network/students/

Student Short Guides on a number of topics including: Making the most of practical work; Assessment; and Feedback – make it work for you.

www.bioscience.heacademy.ac.uk/resources/studentguides.aspx



Engage in Research, a site for undergraduate students that brings together information, resources and activities around developing, carrying out and reporting on student projects, the site could be useful if you are supervising undergraduate project students.

www.engageinresearch.ac.uk/

The **Learnhigher CETL** has assessment resources including the Assignment Survival Kit and resources on report writing, numeracy skills and other assessment related areas.

www.learnhigher.ac.uk/students.htm

Online plagiarism tutorial from the University of Leicester. This online interactive tutorial guides students through the issues surrounding plagiarism and gives advice on how to avoid becoming an accidental plagiarist. www2.le.ac.uk/offices/ssds/sd/ld/resources/study/plagiarism-tutorial

Writing essays – a guide for students by students, from the Assessment Plus project. Aimed at undergraduates to help them develop their academic writing skills.

www.writenow.ac.uk/assessmentplus/outcomes.htm#studentguide

Intute, a free online service providing access to web resources for education and research:

www.intute.ac.uk. Intute also have a series of tutorials to help develop internet research skills.

www.vts.intute.ac.uk/



Bioscience Horizons, a national journal from Oxford University Press publishing undergraduate research.

www.oxfordjournals.org/our_journals/biohorizons/

Study skills, webpages from the University of Manchester with advice on developing skills including giving presentations, working in groups and research skills. www.humanities.manchester.ac.uk/studyskills

More resources for your students at: www.bioscience.heacademy.ac.uk/network/students/