



Training Newsletter - April 2019

The Royal Society of Biology organise a wide range of relevant training courses to suit the varying needs of our members working or studying in the bioscience sector. Professional development in bioscience is very important to us as it can have a positive impact on the health and wellbeing of society.

If you're interested in developing your skills, want to maintain your professional registration or simply looking for a refresher course, please do take a look at our [website](#) and [online learning platform](#) where we hope you will find something of value.

RSB INDUSTRY SKILLS CERTIFICATE

The Royal Society of Biology has developed an [Industry Skills Certificate](#). This brand new initiative is designed to increase the employability of scientists into industry. With extensive research and input from our [Employer Advisory Group \(EAG\)](#), we have created a bespoke set of online and in-person training courses that are aimed to enhance the experience, skill set and knowledge of scientists.

For more information on the Industry Skills Certificate, please contact the Training and Development Officer by [email](#) or on 020 685 2578.

ONLINE TRAINING COURSES

[Gopher Science Lab](#)

This online course has been written and reviewed by teachers, for teachers. The following lessons are designed to give teachers clear guidance on how to carry out the Gopher Science Lab activities so that they can feel confident in leading or supervising the activities during a lab day or classroom session.

Introduction to Project Management

Throughout this online course participants will learn the skills and planning tools they need to successfully complete a project and how to anticipate and resolve the issues they are likely to encounter as a project manager.

Introduction to Trusteeship and Governance

The aim of this course is to support and provide new trustees with knowledge on the responsibilities of a trustee and how to carry these out, in accordance with the rules and regulations in place.

Unconscious Bias

This half day awareness building course aims to educate staff and managers so that they can lead by example in the quest to change mind-sets and create a more diverse and inclusive workplace.

For further details and to register onto any of the above online training courses, please visit our online learning platform - [myLearning](#) or email training@rsb.org.uk.

IN-PERSON TRAINING COURSES

How to Write an Effective and Successful Research Paper

When: 15 May 2019

Where: Natural History Museum, Neil Chalmers Seminar Room, Cromwell Rd, Kensington, London SW7 5BD

Booking Deadline: 10 May 2019

Overview

This presentation aims to give a generic overview on what is required to write an effective and successful scientific paper. It is not just writing the paper, but using a certain style, organisation and formatting that is required by a journal.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **6 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Application of knowledge and understanding*.

Fees: Member - £10 + VAT | Non-member - £15 + VAT

For further details and to book please visit the [RSB website](#).

Navigating the Patent System for Biologists

When: 12 June 2019

Where: Royal Society of Biology, London (Venue TBC)

Booking Deadline: 31 May 2019

Overview

This one-day course will give participants an overview of the patent system and provide practical tips to scoring success and avoiding pitfalls. You'll get an understanding of important points to consider if you are trying to obtain patent protection and if you are trying to avoid infringing any third party rights. The basic principles of patent law, the process for obtaining patent protection and considerations on freedom-to-operate will be covered.

You will also get practical advice on when to file a patent application and the information that should be obtained before filing a patent application. This course will also provide guidance on where to find information relating to patents and understanding and interpreting patent documents. Current challenges in securing patents in the biological sciences field will be reviewed. This interactive course will use real-life examples from the biological field to fully engage the audience.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **15 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Professional practice and Professional standards*.

Fees: Member - £40 + VAT | Non-member - £80 + VAT

For further details and to book please visit the [RSB website](#).

Writing HE Bioscience Programme Documents

When: 20 June 2019

Where: Royal Society of Biology, London (Venue TBC)

Booking Deadline: 07 June 2019

Overview

This course will support your learning in the following areas:

- How to put together a coherent learning, teaching and assessment strategy for your course(s)
- How to write learning outcomes
- How to avoid pitfalls and inconsistencies
- How to work with the accreditation criteria for the benefit of students (e.g. types of dry project and assessment of technical skills)
- How to engage with best practice
- Use the day to produce some of your own plans and documents
- Defining the capstone experience
- Explaining criterion 6: examples of teaching creativity and enterprise

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **15 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Application of knowledge and understanding*.

Fees: Member - £165 + VAT | Non-member - £300 + VAT

For further details and to book please visit the [RSB website](#).

Introduction to reproducible analyses in R

When: 24 June 2019

Where: University of York, York, YO10 5DD

Booking Deadline: 07 June 2019

Overview

An increase in the complexity and scale of biological data means biologists are increasingly required to develop the data skills needed to design reproducible workflows for the simulation, collection, organisation, processing, analysis and presentation of data. Developing such data skills requires at least some coding, also known as scripting. This makes your work (everything you do with your raw data) explicitly described, totally transparent and completely reproducible. However, learning to code can be a daunting prospect for many biologists! That's where an Introduction to reproducible analyses in R comes in!

R is a free and open source language especially well-suited to data analysis and visualisation and has a relatively inclusive and newbie-friendly community. R caters to users who do not see themselves as programmers, but then allows them to slide gradually into programming.

CPD

This event has been approved by the Royal Society of Biology for the purposes of [CPD](#) and can be counted as **15 CPD credits**.

Professional Registers

This course supports registers competencies and has been identified as supporting competency development for: [Registered Scientist \(RSci\)](#).

Competency area: *Application of knowledge and understanding*.

Fees: Member - £50 + VAT | Non-member - £90 + VAT

For further details and to book please visit the [RSB website](#).

MO EVENTS AND OTHER INFORMATION

Branch and MO events

08.05.19 - 10.05.19

[Animal Genetics and Diseases](#)

A Wellcome Genome Campus Event

*Wellcome Genome Campus,
Hinxton, Cambridgeshire CB10
1RQ*

09.05.19 - 10.05.19

[The management of genetically altered rodent colonies](#)

Potential new training courses

We are inviting expressions of interest for potential new training courses:

- Entrepreneurship for Bioscience
- Artificial Intelligence and Biology
- Fermentation
- Writing a Business Plan
- Quality Management
- Train the Trainer
- Grant Writing

If you are interesting in attending the potential courses listed

Plant Health Undergraduate Studentships 2019

Nine summer studentship projects on [plant health](#) are available for bioscience undergraduates. The selected students will work with leading plant health researchers, gaining great experience as well as receiving a bursary. The projects will run for 10 weeks over summer 2019. The studentships are arranged by the UK Plant Sciences Federation (UKPSF) with funding from Defra, BSPP,

A Guido Bernardini Foundation course
Milan, Italy

19.05.19

[East Anglia: Suffolk Owl Sanctuary Visit](#)

East Anglia branch event
*The Suffolk Owl Sanctuary,
Stonham Barns, Pettaugh Road,
Stonham Aspal IP14 6AT*

21.05.19 - 23.05.19

[Cultivating Healthy Food Systems](#)

An Association of Applied Biologists Conference
*The Royal Botanic Garden
Edinburgh, Arboretum Pl,
Edinburgh EH3 5NZ*

26.05.19

[Kent, Surrey and Sussex: Guided tour of Holborough Marshes](#)

Kent, Surrey, Sussex branch event
*Holborough Marshes, Nr
Snodland ME6 5AN*

above or can deliver training in these areas, please [register your interest](#).

In-house Training

As part of our training programme at the RSB, we can organise training courses at your premises or nearby for your staff. To enquire please contact us on training@rsb.ac.uk.

If there are any courses not listed here that you would like to see please [contact us](#).

N8 AgriFood and the David Colegrave Foundation.

Deadline for applications: 23.59 on 8 May 2019.

Professional Registers

Advance your career by applying for one of our industry recognised professional registers, open to members of the RSB. Submit an application by June 2019 to be considered for the July election.

[Chartered Scientist \(CSci\)](#)

[Chartered Science Teacher \(CSciTeach\)](#)

[Registered Science Technician \(RSciTech\)](#)

[Registered Scientist \(Rsci\)](#)



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