

2016 SPRING SCHOOL ON "TRANSFERABLE SKILLS"

Department of Pharmacy

University of Naples Federico II

TEACHING STAFF

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TIMETABLE

Session	Day	Date	Time	Location	Title of session	Staff
1	Monday	02.05.16	15.00 – 17.00	Aula 6	Scientific Communication Skills	Dr Carl Goodyear
2	Tuesday	03.05.16	15.00 – 17.00	Aula 6	Job Interviews	Dr Carl Goodyear & Dr Pasquale Maffia
3	Wednesday	04.05.16	15.00 – 17.00	Aula 6	How to Publish, Evaluate and Critical Appraise a Scientific Article	Dr Pasquale Maffia
4	Thursday	05.05.16	15.00 – 17.00	Aula 6	Research Ethics	Prof Allan Mowat
6	Friday	06.05.16	15.00 – 17.00	Aula 6	Student Oral Presentations	Prof Allan Mowat & Dr Pasquale Maffia

SESSION SUMMARIES

Session 1: Scientific Communication Skills

- Dr Carl Goodyear

Synopsis

It is possible to produce the most fabulous science imaginable but if you cannot communicate it in the form of written documents or oral presentations then your scientific career will be severely hampered. Communication is therefore an essential skill for today's scientists and one that can be developed with relative ease. This session will focus on developing skills in both oral and written scientific presentation. Importantly it will highlight common themes underlying all successful methods of scientific presentation and will provide grounding for future presentations such as the one scheduled at the end of the course.

Intended Learning Outcomes

By the end of this session, you should have an understanding of:

- the basic ways of structuring scientific presentations;
- the need to 'tell a story' in every presentation;
- common faults in presentation style;
- the essential importance of clarity, and quality, of presentation in science.

Session 2: Job Interviews

- Dr Carl Goodyear & Dr Pasquale Maffia

Synopsis

Students will be expected to submit a CV and a presentation letter based on a job advert they will be given before the session. The best candidates will be selected and interviewed in front of the class.

Intended Learning Outcomes

- To develop an understanding of how to write a curriculum vitae and a presentation letter.
- To develop an understanding of how prepare for a job interview.

Session 3: How to Publish, Evaluate and Critical Appraise a Scientific Article

- Dr Pasquale Maffia

Synopsis

This session will discuss the publishing process of scientific articles and how to critically evaluate the quality of the scientific literature.

Intended Learning Outcomes

- To develop an understanding of how to efficiently access interesting, relevant and appropriate information from the scientific literature.
- To critically analyse and discuss of published data.
- To develop an understanding of the publishing process of scientific articles.

Session 4: Research Ethics

- Prof Allan Mowat

Synopsis

The aim of this session is to discuss the issues surrounding scientific ethics, academic integrity, scientific dishonesty and plagiarism.

Intended Learning Outcomes

By the end of this session, you should be able to:

- Summarise the basic principles of research ethics;

- Describe good scientific practice and its importance in research;
- Identify forms of scientific misconduct and understand how it can be prevented;
- Define what constitutes plagiarism and how it can be avoided.

Some Useful Links for Discussion

UK Research Integrity Office Code of Practice for Research:

<http://www.ukrio.org/publications/code-of-practice-for-research/>

<http://www.telegraph.co.uk/science/science-news/8702999/Unethical-scientific-experiments-going-to-extremes.html>

Sessions 5: Student Oral Presentations

- Prof. Allan Mowat & Dr Pasquale Maffia

Synopsis

In all professions, the ability to orally present ideas and information is of critical importance. These sessions aim to give each student the experience of giving a short oral presentation (5 minutes / 4 slides followed by questions from classmates and attending lecturers). You should use PowerPoint. You should prepare a presentation on your PhD project, in which you summarize the scientific basis for your project, results and planned future experiments. Students will be encouraged to consider what constitutes a good oral presentation by critical appraisal of their classmates' presentations. Formative feedback from lecturers and classmates will be provided.

Intended Learning Outcomes

By the end of this session, you should be able to:

- Design an attractive, informative and succinct oral presentation;
- Deliver an oral presentation in English to your peers;
- Answer questions about the topic presented;
- Identify techniques that will help to improve oral presentation skills.