

# **The Digital Researcher**

## **Learning Services**

**2012/13**

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### **Advanced RefWorks**

#### **Course Outline**

This session is for researchers already familiar with RefWorks who want to improve their skills. Those new to RefWorks should attend an 'Introduction to RefWorks' workshop.

#### **Course Objectives**

This hands-on workshop will enable you to develop your RefWorks skills. It will enable you to customise RefWorks, import references from a wider range of electronic sources, including websites, share references with others and improve the way you search, sort and view your database.

#### **Learning Outcomes**

By the end of the workshop you will be able to:

- View, search and sort references
- Use My List temporary folder
- Import references indirectly from databases
- Import references from webpages
- Share references
- Customise RefWorks.

#### **Dates**

3/12/12 1-3pm  
11/4/13 10am-12pm

### **An introduction to RefWorks**

#### **Course Outline**

This session is essential for all research staff and research students who are new to bibliographic management software or who have some knowledge but need to develop their basic skills in RefWorks.

#### **Course Objectives**

RefWorks bibliographic management software allows researchers to establish and manage unique database of research literature references for their research. This hands-on course introduces the main features of RefWorks, including adding references manually, importing from online databases and Google Scholar, and outputting Bibliographies in the reference style of your choice.

#### **Learning Outcomes**

By the end of the workshop you will be able to:

- Create a new database for your references
- Import references from electronic journals and web pages.
- Incorporate references from your database into a Word document.
- Generate a bibliography in Harvard referencing style.

#### **Dates**

22/10/12 1-3pm  
13/12/12 10am-12pm  
29/1/13 10am-12pm  
20/3/13 2-4pm  
21/5/13 10am-12pm

### **Citation analysis and bibliometrics**

#### **Course Outline**

This session is for all researchers looking to calculate the impact of their research outputs.

#### **Course Objectives**

A short 30 minute informative and brief overview of citation analysis in counting research outputs, including bibliometrics and h-index and how to calculate your own h-index using Web of Science.

#### **Learning Outcomes**

By the end of the workshop you will:

- Understand what citation analysis entails
  - Be aware of the resources available to undertake citation analysis
  - Know how to locate the impact factor of journals
- Understand the pros and cons of citation analysis for the REF process.

#### **Dates**

29/11/12 12.15-12:45pm

### **Copyright and intellectual property rights for research**

#### **Course Outline**

Aimed at all researchers who want to be aware of copyright and intellectual property rights in relation to research activities.

#### **Course Objectives**

This overview session introduces researchers to the importance of copyright and intellectual property rights in relation to their own work, and that of others.

Some sources of guidance are outlined in the session.

### **Learning Outcomes**

At the end of the awareness raising session you will be able to:

- Locate the University copyright and intellectual property rights policy
- Be aware of sources of guidance.

### **Dates**

5/11/12 1-1.30pm  
9/4/13 12.30-1pm

### **Critical analysis of information sources**

#### **Course Outline**

This session is for researchers who want to find out how to apply critical analysis techniques to information obtained during research.

#### **Course Objectives**

This workshop examines how to critically analyse common types of research information obtained whilst conducting research. The session enables you to evaluate web page and printed literature. The information hierarchy relating to research is discussed. You will have opportunities for discussion and practice in using critical analysis techniques.

#### **Learning Outcomes**

At the end of the workshop you will have:

- Understanding of how different information sources vary in their quality and purpose;
- Knowledge of criteria for evaluating literature;
- Awareness of some strategies available for assessing research quality.

### **Dates**

7/11/12 2-3pm  
15/4/13 1-2pm

### **Effective information search strategies**

#### **Course Outline**

This session is for both inexperienced researchers who want to know how to start searching for literature and for more experienced researchers wishing to improve their search techniques.

#### **Course Objectives**

This hands-on session introduces the skills you need to efficiently search for information. It provides an opportunity to learn techniques to make searching electronic journal collections, databases and the web more effective and shows you how you can save these searches for reuse. It provides an opportunity to practice and develop your skills.

#### **Learning Outcomes**

By the end of the workshop you will be able to:

- Plan an effective search strategy.
- Use search techniques to find the most relevant information.
- Use citation searching.
- Be able to save searches.
- Use the advanced search feature in databases.

### **Dates**

19/11/12 1-2pm  
15/1/13 12-1pm

### **Impact factors**

#### **Course Outline**

This session is for all researchers looking to select a journal for publication

#### **Course Objectives**

A short 30 minute informative session on how to locate a journal impact factor and how to identify

high impact factor journals in your subject field to target them for publication.

### **Learning Outcomes**

By the end of the workshop you will:

- Be aware of the resources available to identify journal impact factors
- Know how to locate the impact factors of selected journal titles and the top impact journals in your field.

### **Dates**

13/11/12 12.15-12:45pm

### **Introduction to managing research data**

#### **Course Outline**

This session is for all those who are custodians of research data, or planning to apply for research funding.

#### **Course Objectives**

Now that most research funders require a data management plan as part of the application process, this overview session outlines the main stages of planning for data curation and sharing.

#### **Learning Outcomes**

At the end of the awareness raising session you will be able to:

- Recognize the need to plan for the management of research data.
- Understand the main stages in the data curation and sharing processes.

### **Dates**

21/11/12 2.15-2.45pm  
5/2/13 12.15-12.45pm

## **Online research skills**

### **Course Outline**

This session is for new researchers who want to know what materials are available for independent self study.

### **Course Objectives**

This session presents an overview of self-paced research skills training courses available online to researchers. Covering topics such as project management, data management, search skills.

### **Learning Outcomes**

By the end of the workshop you will be able to:

- Access Epigeum online research skills courses
- Have an awareness of other available courses.

### **Dates**

8/11/12 12.15-12.45pm  
4/3/13 1.15-1.45pm

## **Research data curation and sharing**

### **Course Outline**

Aimed at all researchers who want to ensure they comply with best practice in data management.

### **Course Objectives**

This session looks at the importance of creating data management plans and methods of organising, storing and documenting research data. The value of sharing data, and data repositories will be explored.

### **Learning Outcomes**

At the end of the workshop you will be able to:

- Understand the outline process of data management

- Start to draw up their own data management plans
- Appreciate the role of data repositories.

### **Dates**

15/11/12 3-4.30pm  
14/2/13 10-11.30am

## **Research information feeds**

### **Course Outline**

This session is for all researchers and educators who want to learn more about the role technology can play in improving information delivery to their desktop.

### **Course Objectives**

This workshop introduces you to the tools and techniques to help you stay informed of developments in your areas of research and academic interest. The session looks at automatic information alerts, e.g. from the British Library or electronic journal collections.

### **Learning Outcomes**

At the end of the workshop you will be able to:

- Set up alerts to automatically deliver information to you
- Direct feeds into your personal RSS reader.

### **Dates**

27/11/12 12-1pm  
21/1/13 1-2pm

## **Systematic reviews - tools and templates**

### **Course Outline**

This session is for researchers who are embarking on a systematic review and want to know how to locate and develop

the tools required to undertake a systematic review. The session is also useful for more experienced researchers wishing to improve their search documentation

### **Course Objectives**

A short 30 minute informative session on where to find templates and tools required to improve the robustness of a systematic review methodology.

### **Learning Outcomes**

By the end of the workshop you will:

- Know where to find templates, tools and guidance required to improve the robustness of a systematic review methodology.

### **Dates**

1/11/12 12.15-12.45pm

## **Systematic reviews - where to search**

### **Course Outline**

This session is for researchers who are embarking on a systematic review and want to know how to undertake a search strategy to minimise publication bias. The session is also useful for more experienced researchers wishing to improve their search techniques

### **Course Objectives**

A short 30 minute brief overview on the types of resources required to search to undertake an unbiased search of the literature for a systematic review.

### **Learning Outcomes**

By the end of the workshop you will:

- Be aware of the wide range of resources required to undertake a literature search for a systematic review.

### **Dates**

9/10/12 12.15-12:45pm

### **Trends in open access publishing**

#### **Course Outline**

This session will be of interest to those who want to find out about trends in Open Access publishing.

#### **Course Objectives**

There is a growing move towards making publicly funded research freely available. This overview session will introduce developments in Open Access publishing, including journals, repositories and data storage.

#### **Learning Outcomes**

- At the end of this session you will be aware of:
- The context for Open Access publishing
  - Locate Open Access journals
  - Understand the role of repositories.

### **Dates**

14/11/12 2.15-2.45pm  
7/3/13 12.15-12.45pm

### **Web 2 and research**

#### **Course Outline**

This session is for all researchers who want to learn more about the role Web 2 can play in improving information gathering and understand how social

media facilitates conversation and collaboration.

#### **Course Objectives**

This overview session introduces you to the importance of Web 2 in keeping up to date in your area of research, and the importance of these tools for your online presence.

#### **Learning Outcomes**

- At the end of the overview session you will be:
- Aware of tools to push information directly to you
  - Aware of the importance of social media to research.

### **Dates**

6/12/12 12.15-12.45pm  
12/2/13 12.15-12.45pm

### **Your digital identity as a researcher**

#### **Course Outline**

This session is for all researchers who want to learn more about the role social media can play in the research process.

#### **Course Objectives**

This workshop introduces you to the valuable role of social media in establishing your digital identity and its use as a research tool for gathering information. Media such as blogs, Twitter, academia.edu will be explored.

#### **Learning Outcomes**

- At the end of the workshop you will be able to:
- Appreciate the importance of presenting yourself effectively online.
  - Understand how social media assists with dialogue and current awareness

- Be aware of some of the tools available to researchers.

### **Dates**

11/12/12 12-1pm  
19/2/13 12-1pm

### **How to book**

Book through the HR staff development wiki:  
<https://go.edgehill.ac.uk/wiki/display/hr/Teaching+and+Research+Practice>

If you do not have access to the wiki please contact Yvonne Smith at [smithy@edgehill.ac.uk](mailto:smithy@edgehill.ac.uk)

### **Further help and support**

Individual consultations are available with either you subject librarian or the research support librarian.

For further details or to book a consultation please contact:

Yvonne Smith  
Research Support Librarian  
01695 584300  
[smithy@edgehill.ac.uk](mailto:smithy@edgehill.ac.uk)

See [www.edgehill.ac.uk/ls](http://www.edgehill.ac.uk/ls) for further information.