



**Royal  
Veterinary  
College**  
University of London

# Research Student Training & Education Programme

2017/18

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*Please see the table on page 8 for a list of all the online training courses. Please note that those highlighted in bold are mandatory.*

\* - Please note that these courses are offered by Human Resources, and that staff have priority of booking over students.

## **Developing your Skills as a Researcher**

During your time at the RVC your primary focus will be the successful completion of an original piece of research and the production of a thesis. However, Research Councils, and other sponsors and employers alike, are now expecting research students to be able to demonstrate that they have also developed generic and transferable skills to a high level.

Research students at the RVC are expected to take full advantage of the training (online and face-to-face) on offer and should be aiming to participate in the training programme and/or appropriate other professional and career development activities to an equivalent of 10 days per year. Each training activity is assigned a number of points. Research students should be aiming to accrue 20 points per year (or 60-70 points over a 3-4 year studentship). A point is worth approximately  $\frac{1}{2}$  day of training: two weeks per year is therefore equivalent to 20 points per year

As all training and learning is unique to the individual involved, we strongly recommend that at the beginning of each year you have a discussion with your supervisor about what training is most appropriate for you. You should record the training events you attend/other forms of training you receive in your student log, together with the number of training points accrued each year, and be prepared to discuss this at annual appraisal.

### **Researcher Development Framework**

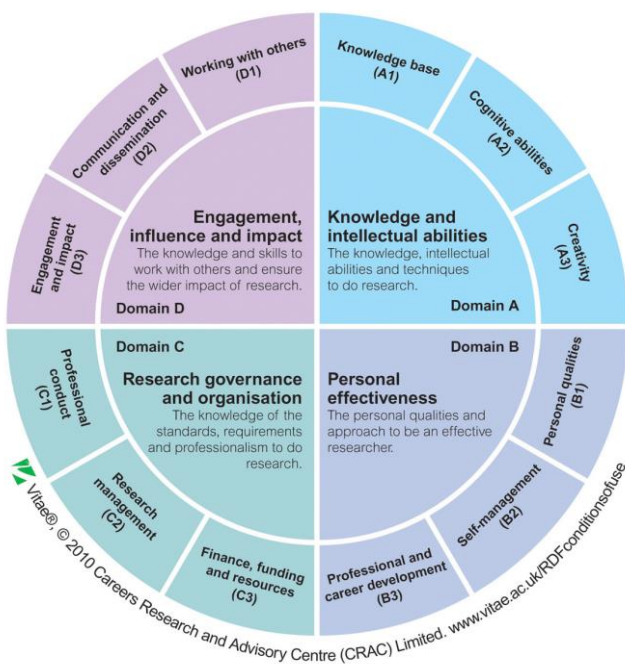
The Researcher Development Framework was launched in September 2010 by Vitae and it is a professional development framework for planning and supporting the personal, professional and career development of researchers. It articulates the knowledge, behaviours and attributes of successful researchers and encourages them to aspire to excellence through achieving higher levels of development. It was developed by and for researchers, in consultation with academic and non-academic employers.

The Researcher Development Framework is structured in four main domains, each including three sub-domains and further detailed descriptors.

The RVC training programme for research students provides courses and events that cover all four domains:

1. Domain A: Knowledge and intellectual abilities
2. Domain B: Personal effectiveness
3. Domain C: Research organisation and governance
4. Domain D: Communication, influence and impact

The RDF is set out in an abbreviated form below and the training and development opportunities have been mapped onto the 12 sub-domains of the RDF.



The Researcher Development Framework (RDF) has been developed by Vitae in collaboration with the higher education sector and other stakeholders. Further details about the RDF are available at [www.vitae.ac.uk/rdf](http://www.vitae.ac.uk/rdf)

## Training Points

Every PhD student is expected to take part in approximately 10 days of transferable (generic) skills training each year. The training provided by the Graduate School has been mapped previously to the RDF and you can record the amount of training you're undertaking. The scheme will capture generic and discipline-specific developmental activities that students are involved in through the allocation of points. Points are allocated both for taking part in courses or workshops run by the Graduate School, HR and external organisations and for other activities such as conference attendance, teaching and attending seminars. Points have been assigned to all the workshops run by the Graduate School and to other activities you are likely to take part in (see table below).

Some recurring activities (such as attendance at a seminar series) will have a maximum tariff of points that can be gained per year. If you have undertaken activities not listed in the table which you believe have helped you to develop transferable skills (e.g. writing a grant) you should estimate the number of points to be allocated, providing a reason for the estimate, and note the sub-domain(s) of the RDF that the training falls within. Although the table on the next page refers mainly to training in generic skills, training in techniques that you may use later in your career could also count and should be noted. *Contact the Graduate School for further advice if needed.*

When recording each training activity in your Log, make sure you also keep a note of the RDF sub-domain(s) each falls within and think about what skills you've developed through undertaking the activity. Activities may fall within more than one domain/sub-domain.

<b>Activity</b>	<b>Points</b>	<b>Activity</b>	<b>Points</b>
<i>Conference</i>		<i>Journals</i>	
Attendance	1	Peer reviewing a paper for a journal	2
Writing a meeting abstract	2	Writing a paper ( <i>depending on contribution</i> )	1, 3 or 6 <sup>a</sup>
Poster preparation	2	<i>HR/External training sessions</i>	
Preparation of oral presentation	2	½ day workshops	1
Poster presentation	2	Full day workshops	2
Oral presentation	2		
<i>College Seminars</i>		<i>Postgraduate Seminar series</i>	
Attendance/academic year (a minimum of 6 and 6 other talks on topics relating to a student's field of study)	2	Attendance/academic year (at least 50%)	2
		Presentation (each)	1
<i>Journal Club</i>		<i>External talks</i>	
Regular attendance during the year	2	Attendance (each, up to a maximum of 5 a year)	0.25
Presentation	2	Presentation (each)	1
<i>Postgraduate representative</i>		<i>Teaching/session**</i>	2
Attendance at meetings (each)	0.5	Demonstrating**	1
<i>Contribute to organising or organising a scientific meeting or other event</i>		<i>Teaching and Learning in Higher Education course (TLiHE)</i>	10 or 12†
Main organiser of half or one day local meeting or event	2	Tutorials or small group** teaching ( <i>including preparation time</i> )	2
Member of organising committee of a national or international conference	3	<i>Postgraduate Research Day (presentation of poster or talk)</i>	2

\*\* Up to a maximum of 6 points/academic year

<sup>a</sup>6 points: Entirely responsible for writing the submitted version of a paper, incorporating comments from supervisors and other co-authors

3 points: Writing the first draft of a paper (*and revising after receiving feedback*)

1 point: Writing a section or a sub-section for the first draft of a paper

0 points: Simply read through & commented on the final draft of a co-authored paper

### **TLiHE**

† 12 points Completion of course plus assessment

10 points Completion of course only (no assessment)

## Bookings and Cancellation Policy

To book a place on any training session, please contact the Graduate School: Lisa Matamala-Shaw, [lshaw@rvc.ac.uk](mailto:lshaw@rvc.ac.uk) or Samantha Oshodi [soshodi@rvc.ac.uk](mailto:soshodi@rvc.ac.uk) at least 10 working days in advance of the session.

Please note that places are usually offered on a first-come first-served basis.

The RVC expects students who sign up for a course to attend. This booklet has been issued so that you can plan ahead within the group in which you work and in discussion with your supervisor.

There will be no charge for a cancellation made with at least 3 working days' notice.

A £25 cancellation fee (payable by student or supervisor) will normally be charged for last minute cancellations (less than 3 working days' notice) or failure to attend without good reason.

If you are unwell on the day of the workshop, please e-mail Lisa Matamala-Shaw ([lshaw@rvc.ac.uk](mailto:lshaw@rvc.ac.uk)) or telephone the Graduate School (020 7468 5541) as soon as possible after 9am. If there is no-one available to take the call, a message should be left on the answer machine.

At the end of every training session you will be asked to evaluate your experience of the course; this anonymous feedback is used to generate a summary which is invaluable for developing new courses and improving the experience you have. We appreciate you helping by completing these forms.



## Online Research Skills training

On-line courses are available at <https://researchskills.epigeum.com/>. Students will need to register on this website and instructions on how to do this can be found below (page 9). These courses are available to all research students and aim to introduce them to key areas including research methods, literature review, entrepreneurship, intellectual property and personal professional development.

The Research with Integrity course and quiz can be found on RVC Learn (<http://learn.rvc.ac.uk>)

Name of Course	Audience	RDF Domains	Number of training points
Research with Integrity	<b>Mandatory</b> for all 1 <sup>st</sup> year PGR students	C1	0.5
Working with your supervisor	<b>Mandatory</b> for all 1 <sup>st</sup> year PGR students	B2, D1	0.5
Conferences, presenting and networking	<b>Mandatory</b> for all 1 <sup>st</sup> year PhD students	B2, B3	0.5
Getting published in the sciences	<b>Mandatory</b> for all 1 <sup>st</sup> year PhD students	D2	0.5
Managing your Research Project	<b>Mandatory</b> for all 1 <sup>st</sup> year PhD students (useful together with Project M'tment training on 9 <sup>th</sup> December)	B2 , C2, D1	0.5
An introduction to online Research Skills training	All years	n/a	n/a
Research methods in the sciences	All years	A1	0.5
Research methods in the social sciences	All years	A1	0.5
Ethics - Good research practice	All years	C1	0.5
Research methods in literature review	All years (useful before writing 1 <sup>st</sup> year report and Thesis)	A1	0.5
Intellectual property in the research context	All years	C1, D1, D3	0.25
Entrepreneurial motivation	All years	B3, C1, D1, D3	0.75
Entrepreneurial resources	All years	B3, C1, D3	0.75
Career planning in the Sciences	2 <sup>nd</sup> -4 <sup>th</sup> years. Forms part of the Careers training on 20 <sup>th</sup> March	B3	0.5
Career planning in the arts, humanities and social sciences	2 <sup>nd</sup> -4 <sup>th</sup> years	B3	0.5

## Online Training Skills – Instructions for use

Users are required to register at: <https://researchskills.epigeum.com/>

Click on 'Register' and complete the registration page. Please use your @rvc.ac.uk email address. Once complete, click on 'register now' and you will see the below screen:

The screenshot shows the registration page for Research Skills online. The page includes a navigation menu with 'Home', 'How it Works', 'Online Courses', 'About', 'Register', and 'Help'. A message states: "Your account has been created and an activation link has been sent to the e-mail address you entered. Note that you must activate the account by clicking on the activation link when you get the e-mail before you can login." Below this, it says "Complete this simple form to register and get started." and "To register, complete the following fields and click the 'Register now' button at the bottom. If you have a token this can be redeemed once you have registered and logged into your account." The form has sections for "About you" (1. Enter your first name, 2. Enter your surname), "Login details" (3. Enter your desired user name, 4. Enter your e-mail address, 5. Choose a password, 6. Re-enter password), and "Your status" (7. What is your status at your institution, with a dropdown menu showing "Student: Undergraduate"). There is a "Sign me in" button in the top right corner.

Once you receive your activation email, please follow the instructions in the email.

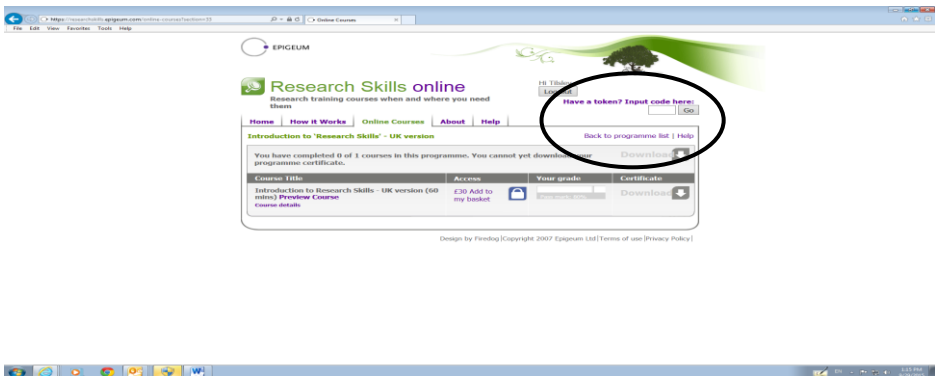
When you log on the following options will be available to you:

- Entrepreneurship in the research context
- Research ethics
- Research methods
- Transferable skills
- Introduction to 'Research Skills' - UK version



You will find the individual online courses within these 5 headings.

Please click on one of the five headings and add **code (to be provided by the Graduate School)** to the token box at the top right hand side of the page and press 'Go'.



Click on the course titles and follow the online instructions.  
 If you have any issues with this process please email Lisa Matamala-Shaw (lshaw@rvc.ac.uk)

## Mentoring Training

Thursday 21st September 2017

10.00 – 14.00

F4, Camden

<b>Facilitator:</b>	Caroline Broad, Broad Associates Ltd	
<b>Audience:</b>	2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> year students	
<b>RDF sub-domains/points:</b>	B2 (self-management) D1 (working with others)	1 point
<b>Further information</b>	Mandatory for all students who want to act as Mentors to 1 <sup>st</sup> year students.	

As a mentor you are tasked to create a trusted relationship, offer your subject expertise and experience and guide someone to achieve an agreed aim. The skills needed to be a good mentor are also those of a line manager and a coach and are an excellent addition to your CV.

This course teaches you key communication skills, rapport building, relationship management and feedback skills. You will be given the tools for the formal mentoring process, including objective setting and dealing with challenging situations.

With the correct approach, a mentor can learn as much as they can offer. This course will create a support network to give you the opportunity to become the best mentor you can be.

## Induction for New Research Students

A two day participatory workshop to introduce you to the RVC and the tools you need to get the best out of undertaking a PhD and MRes with us.

<b>RDF Sub-domains/points:</b>	A1 (knowledge base) B2, (self-management) C2 (research management)	3 points
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### Day 1: Monday 2<sup>nd</sup> October 2017

09.30-17.00

**Council Room, Camden**

09.15	Registration	Lisa Matamala-Shaw, Carole Tilsley & Samantha Oshodi
10.00	Welcome & Intro to GS	Prof Kristien Verheyen & Lisa Matamala-Shaw
10.10	Studying for a PhD Studying for a MRes	Prof Kristien Verheyen Prof Brian Catchpole (Room F7)
11.00	Break	Tea & coffee provided in the Lightwell Cafe
11.30	Research at RVC	Dirk Werling
12.00	Research Ethics	Ms Noelia Lopez
12.45	Intellectual Property and Commercial Issues	Bevan McWilliam
13:05	Health and Safety	Ian Constantine
13.30	Lunch*	Lunch provided in the Council room
	Research Degree Student Panel: Student Perspectives	
14.30	Your first year at the RVC	Katarina Hazuchova
14.40	Being a second year student	Enrico Eberhard
14.50	Being a third year student	Tammy Shadbolt

15.00	Writing, submission & viva	Stuart Patterson
15.10	MRes student	Emi Takahashi
15.20	Questions to Panel	
15.30	Advice Centre	Fiona Nouri
15.50	PG Officers Welcome	Lucie Bourne and Ran Magnúsdóttir
16.05	Practicalities	Lisa Matamala-Shaw
16.20	Tour of Camden - followed by Drinks at the Haxby*	Current Students

\*PG Advisors to join if available

**Day 2: Tuesday 3<sup>rd</sup> October 2017**  
**10.00 - 14.30**  
**F2 (Council Room), Hawkshead**

10.00	Skills Development for Research Students	Dr Shivanthi Manickasingham
10.30	Learning and Study skills for Research Students	Veronica Brewster
11.00	Communication Skills (Teaching Others)	Dr Ayona Silva-Fletcher
11.20	Coffee Break	
11.50	Library & IT	Michael Murphy
12:10	Research Data Management	Michael Murphy
12.30	Tour of Hawkshead, followed by a social at the Buttery*	Current Students

\*PG Advisors to join if available

## Health & Safety Induction & GMO Training

\*All Camden & CBS students - Thursday 5<sup>th</sup> October 2017, 10.00 - 12.00, U5  
 General Induction Camden - Tuesday 10<sup>th</sup> October 2017, 14.00 - 16.00, F4  
 Hawkshead – Thursday 12<sup>th</sup> October 2017, 10.00 - 11.00 (lab based), CEE013  
 Hawkshead – Tuesday 17<sup>th</sup> October 2017, 10.00-12.00, F2 Council Room

<b>Facilitator</b>	General, Camden –Ian Constantine Camden lab-based – Michael Avella Hawkshead – Stephanie Mayall (lab based) Hawkshead – Tina Lowes (non-lab based)	
<b>Audience</b>	New PhD and MRes Students	
<b>RDF Sub-domains/points:</b>	A1 (knowledge base)	1 point
<b>Objectives</b>	To ensure all new PhD and MRes students are familiar with the RVC health & safety policies, systems of work and procedures, enabling them to operate in a safe and healthy environment.	
<b>Further information</b>	<b><u>Compulsory</u></b> for all new PhD and MRes students	

\*Student’s beginning at other times will be directed to online GMO training.



## Good Research Practice

Camden – Tuesday 10<sup>th</sup> October 2017, 10.00 – 12.00, F4

Hawkshead – Thursday 5<sup>th</sup> October 2017, 14.30-15.30, Seminar Room 6

<b>Facilitator</b>	Camden – Michael Avella Hawkshead – Frederique Guesdon	
<b>Audience</b>	New PhD and MRes students	
<b>RDF Sub-domains:</b>	A1 (knowledge base) C1 (professional conduct) C2 (research management)	1 point
<b>Objectives</b>	Use and maintenance of research handbooks	
<b>Further information</b>	<b><u>Compulsory</u></b> for all new PhD and MRes students	

## Statistics Course

October 2017 – March 2018

<b>Delivered by:</b>	Dr Ruby Chang (Lecturer in Statistics)	
<b>Audience:</b>	New PhD and MRes Students	
<b>RDF Sub-domains:</b>	A1 (knowledge base) A2 (cognitive abilities)	9 points (8 sessions and 1 exam)

### Aims

The aims of the course are to demonstrate the application of basic statistical techniques in biological sciences, to enable the student to use the statistical software, R, to perform data analyses, to understand and interpret the statistical results in computer output and in the scientific literature. The emphasis of the course is on understanding and interpretation of data analysis, and mathematical complexity will be kept to minimum.

### Objectives

By the end of this course, the student should be able to:

- Apply statistical thinking and reasoning skill that allow them to understand statistical information presented in the scientific journals and critically appraise the studies reported in the literature.
- Summarise a data set appropriately using the computer software R.
- Decide which basic statistical techniques should be used for analysing a data set and use R to perform them.
- Interpret the results of hypothesis tests and parameter estimations, with proper understanding of the  $P$ -value and 95% confidence interval.
- Explain the importance of design considerations underlying a study, and write sound inferences based on the analysis results independently.

## **Recommended reading**

- Trisha Greenhalgh, 1997. How to read a paper.  
<http://resources.bmj.com/bmj/readers/how-to-read-a-paper/>
- Statistics Notes in the British Medical Journal  
<http://www-users.york.ac.uk/~mb55/pubs/pbstnote.htm>
- Cumming et al., 2007. Error bars in experimental biology, *The Journal of Cell Biology*, Vol. 177, No. 1, 7–11  
<http://jcb.rupress.org/content/177/1/7.full>
- Keith E. Muller and Vernon A Benignus. 1992. Increasing scientific power with statistical power. *Neurotoxicology and Teratology*, Vol. 14, pp. 211-219
- David Salsburg. 2002. *The lady tasting tea. How statistics revolutionized science in the twentieth century.* Henry Holt and Company, New York.

## **Recommended textbooks**

- Martin Bland (2000) *An Introduction to Medical Statistics: 3<sup>rd</sup> Edition* Oxford University Press
- Aviva Petrie and Paul Watson (2006) *Statistics for Veterinary and Animal Science: 2<sup>nd</sup> Edition.* Blackwell Publishing
- Michael J. Campbell and T D V Swinscow (2009) *Statistics at square one.* 11<sup>th</sup> Edition. Wiley Blackwell.
- <http://www.bmj.com/statsbk/> (9<sup>th</sup> edition, T D V Swinscow, revised by M J Campbell)

## **Statistics lecture titles**

### **1. Data summary**

Shows how descriptive summary and graphical techniques may be used to summarise data appropriately.

## 2. Hypothesis testing and compare proportions

Shows how sample information can be used to estimate parameters and evaluate the effectiveness of the estimation process using confidence intervals. It also introduces the concepts of hypothesis testing in a statistical framework. Additionally, this lecture introduces the statistical techniques used for analysing categorical data, with particular reference to the chi-squared test and Fishers exact test for comparing proportions between groups.

## 3. Compare means of independent samples

Explains when and how to perform some of the most common methods (t-test and ANOVA) for comparing means between independent group.

## 4. Compare means of related samples

Explains when and how to perform paired t-test and repeated measure ANOVA for comparing means between repeated measurements.

## 5. Non-parametric methods

Explains when and how to perform non-parametric tests for independent samples and related samples.

## 6. Experimental design and sample size

Introduces the principles which underlie a well-designed experiment, explains the distinction between experimental and observational studies, and the relevance of sample size calculations at the initial stage of the investigation.

## 7. Correlation and simple linear regression

Introduces the concept and assumptions underlying correlation and regression, and how these methods can be used to assess the linear relationship between two numerical variables.

## 8. Multiple regression and general linear model

Shows how simple linear regression techniques can be extended to include more than one explanatory variable. This lecture will also introduce general linear model that allows both categorical and numerical explanatory variables in the analysis.

## Statistics Timetable

The statistics course is provided as a series of 2.5 hour sessions. The course is **compulsory** for PhD and MRes students. A test is held at the end of the compulsory sessions resulting in a certificate for successful students.

Unless otherwise stated, each session will run from 9.30am – 12.00pm.

<b>Autumn Term</b>	<b>Hawkshead Room S79</b>	<b>Camden Room F26</b>
Data summary	16/10/2017 (Mon)	09/10/2017 (Mon )
Hypothesis testing and compare proportions	19/10/2017 (Thu)	25/10/2017 (Wed)
Compare means of independent samples	09/11/2017 (Thu)	08/11/2017 (Wed)
Compare means of related samples	15/11/2017 (Wed)	17/11/2017 (Fri)
Non-parametric methods	28/11/2017 (Tues)	29/11/2017 (Wed)

<b>Spring/Summer Term</b>	<b>Hawkshead Room S79</b>	<b>Camden Room F26</b>
Experimental design and sample size	16/01/2018 (Tues)	18/01/2018 (Thurs)
Correlation and simple linear regression	06/02/2018 (Tues)	07/02/2018 (Wed)
Multiple regression and general linear model	09/03/2018 (Fri)	28/02/2018 (Wed)
Statistics Exam	28/03/2018 (Wed) <b>10.30am – 11.30am</b> <b>G40</b>	28/03/2018 (Wed) <b>10.30am – 11.30am</b> <b>U5</b>

## Endnote Training

Wednesday 1<sup>st</sup> November 2017, 13.00 – 15.00, F26, Camden  
Wednesday 8<sup>th</sup> November 2017, 14.00 – 16.00, S79, Hawkshead

<b>Facilitator:</b>	Michael Murphy (RVC Library)	
<b>Audience:</b>	New PhD and MRes Students	
<b>RDF Sub-domains:</b>	A1 (knowledge base) D2 (Communication and dissemination)	1 point

Want to be able to manage your references so they are formatted for any journal and in any style? This will allow you to do so from the beginning of your studies. It is an invaluable tool for any researcher.

<b>Objectives</b>	By the end of the session the student's will be able to: <ul style="list-style-type: none"><li>• Use the basic functions of Endnote to create a personal database of references using different methods to import references from various sources.</li><li>• Upkeep and organise their Endnote 'library' to suit their own personal needs</li><li>• Use their Endnote file to create in text citations and a bibliography within a word document</li></ul>
<b>Further Information</b>	Maximum 15 delegates

## Introduction to Research Data Management

Thursday 16<sup>th</sup> November 2017, 14.00 – 16.00, F25, Camden  
 Thursday 22<sup>nd</sup> February 2017, 10.00 – 12.00, Room 6, Hawkshead

<b>Facilitator:</b>	Michael Murphy	
<b>Audience:</b>	All PhD and MRes Students	
<b>RDF Sub-domains:</b>	A1 (knowledge base) C2 (research management) D2 (communication and dissemination)	1 point
<b>Course Objective:</b>	By the end of this session participants will understand the issues surrounding Research Data Management (RDM) planning and the creation of Data Management Plans. Participants will leave the session with the ability to start planning for managing their own research data.	
<b>Course Aims:</b>	At the end of this course you will: <ul style="list-style-type: none"> <li>• Understand the RDM requirements of the UK Research Councils and recognise the importance on RDM.</li> <li>• Understand the colleges approach to RDM and the RVC RDM Policy.</li> <li>• Be able to create and implement a suitable Data Management Plan for your research data.</li> <li>• Know how to document and organise your data throughout your project lifecycle.</li> <li>• Be aware of the risk of poor data security and know how to store/transport your data safely and securely.</li> <li>• Understand the opportunities and benefits of sharing your research data.</li> <li>• Identify potential avenues for sharing your research data and understand data documentation requirements</li> </ul>	

# Writing Workshop 1

Thursday 30<sup>th</sup> November 2017

10.00 –17.00

F2 Council Room, Hawkshead

<b>Facilitator:</b>	<b>Dr Kevin Byron</b> (Research Skills and Enterprise Adviser, Queen Mary, University of London)	
<b>Audience:</b>	First Year PhD and MRes Students	
<b>RDF Sub-domains:</b>	D2 (communication and dissemination)	2 points

Writing is an essential skill for doing any kind of research, and contrary to the belief in some quarters that studying for a PhD consists of a period of doing research followed by a period of writing, the requirement to write appears at all stages in the cycle of activity that defines research. This cycle begins with the identification of gaps or discontinuities in knowledge, the articulation of these gaps, and how they may be filled as research questions or hypothesis. The cycle ends (and a new one begins) with the communication - more often through the written word in academic journals - of the new knowledge aiming to address these research questions, how this knowledge was acquired, and how it relates to the overall progress in the specific field of interest. Writing is a process of continuous improvement irrespective of the starting point, and the earlier one engages with acquiring the various skills for writing, the more efficient and productive one will be as a researcher.

<b>Objectives</b>	<p>This workshop will equip early stage PhD and MRes students with some of the tools and techniques that can help in developing the writing skills for doing research, and attendees will gain experience in:</p> <ul style="list-style-type: none"><li>• preparing concise and logically-written materials</li></ul>
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	<ul style="list-style-type: none"><li>• writing at different levels — brief abstract to the basic elements of an academic paper</li><li>• using logical argument in writing to persuade others</li><li>• explaining complex or difficult concepts in basic terms and language</li><li>• analysing the different styles and conventions in published materials</li><li>• developing ‘the researcher voice’ through a synthesis of published literature</li></ul>
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# R Training 1

Tuesday 5<sup>th</sup> December 2017

09.30 – 13.00

F26, Camden

<b>Facilitator:</b>	Dr Ruby Chang, RVC Statistician	
<b>Audience:</b>	All PhD Students (Priority will be given to first year PhD students)	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	1 point
<b>Course Overview</b>	<p>R is a free statistical software and has many contributed packages from users worldwide. This 2.5 hour workshop is designed for PhD/MRes students with little or no experience of using R. This course provides the basic tools to get started with R and assumes some familiarity statistical methods.</p> <p>You will explore using R for</p> <ul style="list-style-type: none"><li>• Reading data into R</li><li>• Descriptive statistics – including basic graphs etc</li><li>• Testing for normality of data</li><li>• Comparison of means – t-test, ANOVA</li></ul> <p>The format is very hands-on and involves practical use of R at the computer terminal.</p>	
<b>Further Information</b>	Maximum 15 delegates	

# Time Management

Wednesday 6<sup>th</sup> December 2017

09.30 - 12.30

Old Lecture Theatre, Hawkshead

<b>Facilitator:</b>	Dr Margaret Collins (Specialist Academic Skills Trainer)	
<b>Audience:</b>	First Year PhD and MRes Students	
<b>RDF Sub-domains:</b>	B2 (self-management)	1 point

Everybody has just 24 hours in every day.

Why is it that some people seem to achieve much more than others with their allotted time?

During this workshop we will identify the major drains on your time or energies and explore different tools to structure your use of time and resources.

We will consider different ways to assess priorities, to deal with timewasters and with deadlines. The course will also allow participants to develop their own work-life balance and to reflect on how they choose to spend their time.

<b>Objectives</b>	As a result of this workshop participants will have tools to: <ul style="list-style-type: none"><li>• Prioritise what they choose to do</li><li>• Streamline their use of time</li><li>• Define their own work-life balance</li><li>• Understand the difference between important and urgent</li></ul>
<b>Further Information</b>	Maximum 15 delegates

# Project Management

Wednesday 6<sup>th</sup> December 2017

13.30 - 16.30

Old Lecture Theatre, Hawkshead

<b>Facilitator:</b>	Dr Margaret Collins (Specialist Academic Skills Trainer)	
<b>Audience:</b>	First Year PhD and MRes Students	
<b>RDF Sub-domains:</b>	B2 (self-management) C2 (research management) D1 (working with others)	1 point

Planning and completing your postgraduate studies is the first step in the rest of your career. For most students this is a challenge in project management for which they are given little or no formal preparation. The management skills they learn now will underpin how they manage projects as diverse as their research studies, their gap year or a 25th birthday party.

<b>Objectives</b>	At the end of this workshop participants will: <ul style="list-style-type: none"><li>• Be clear that projects can be managed in a structured way</li><li>• Identify discrete steps in a project management cycle</li><li>• Be aware that risk can be managed, not ignored</li><li>• Clarify the project "deliverables"</li><li>• Be able to plan and organise tasks within a project</li><li>• Understand the use of Gantt charts</li><li>• Appreciate the importance of regular reviewing of progress</li></ul>
<b>Further Information</b>	Maximum 15 delegates
<b>Additional Online Resources:</b>	Project Management in the Research Context (available to PhD students at <a href="https://researchskills.epigeum.com/">https://researchskills.epigeum.com/</a> . Students will need to register on this website and instructions on how to do this can be found on page 9 of this document)

# SPSS 1

Tuesday 12<sup>th</sup> December 2017

09.30 – 13.30

S79, Hawkshead

<b>Facilitator:</b>	Dr Ruby Chang, RVC Statistician	
<b>Audience:</b>	All PhD Students (Priority will be given to first year PhD students)	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	1 point
<b>Course Overview</b>	This course provides the basic tools to get started with SPSS and assumes some familiarity statistical methods, particularly with inferential statistics. The format is very hands-on and involves practical use of SPSS at the computer terminal.	
<b>Course Content</b>	<ul style="list-style-type: none"><li>• File creation</li><li>• Data management</li><li>• Descriptive statistics – including charts, plots etc</li><li>• Normality issues</li><li>• Comparison of means of independent samples – t-test, ANOVA</li><li>• Compare means of related samples – paired t-test</li></ul>	
<b>Further Information</b>	Maximum 15 delegates	

# Preparing for Annual Appraisal

Thursday 14<sup>th</sup> December 2017

14.00 – 16.00

F82, Hawkshead

<b>Facilitator:</b>	Prof Kristien Verheyen	
<b>Audience:</b>	PhD Students who started between 1 <sup>st</sup> January 2017 and 1 <sup>st</sup> July 2017	
<b>RDF Sub-domains:</b>	A2 (cognitive abilities) A3(creativity) B2 (self-management) C2 (research management)	1 point

Most students worry about their first appraisal and how much preparation to do. This workshop explores the practical aspects of appraisal and aims to help you be prepared and get the most out of it.

<b>Objectives</b>	<ul style="list-style-type: none"><li>• To appreciate the reasons for having annual appraisal and the value of it to the institution and to you</li><li>• To understand the processes and procedures involved in writing your report, and preparing for the viva</li><li>• To understand possible outcomes and their impact on you</li><li>• To be able to evaluate the report resulting from the viva and use it to influence your progress.</li></ul>
<b>Additional Online Resources:</b>	Research Methods in Literature Review (available to PhD students at <a href="https://researchskills.epigeum.com/">https://researchskills.epigeum.com/</a> ). Students will need to register on this website and instructions on how to do this can be found on page 10 of this document)

# Teaching Workshop for PhD Students

Friday 13<sup>th</sup> October 2017, 09.00-13:00

Hawkshead, Restaurant Conference Rooms 3 and 4

Friday 11<sup>th</sup> May 2018 09.00-13.00 Hawkshead, location tbc

<b>Facilitator:</b>	Dr Ayona Silva-Fletcher and Mr Kim Whittlestone	
<b>Audience:</b>	Compulsory for all PhD students involved in teaching, including supervision of UG and PG research projects	
<b>RDF Sub-domains:</b>	D2 (communication and dissemination) D3 (engagement and impact)	1 point

As a response to one of the QAA recommendations, a mandatory training course TLiHE (Teaching and Learning in Higher Education) has been developed for all those who teach at the RVC for 6 hours or more.

This half day workshop provides an introduction to TLiHE and is compulsory for any PhD student involved in teaching, regardless of the number of hours of teaching involvement. The full TLiHE course is compulsory for those who teach more than 6 hours at the RVC and includes supervision of undergraduate and postgraduate research projects. Further information can be obtained by emailing TLiHEadmin@rvc.ac.uk

## TLiHE

TLiHE is free to all internal participants, however a fee will be charged if attendance is cancelled within 3 days of a course date, or in the instance of a no show.

TLiHE will start with this mandatory half-day face to face induction followed by a 6-week online course ending in an assessment. The assessment is a short teaching presentation (face to face). The training course will run on the following 2 occasions during 2017-2018 academic year:-

- The first face to face induction will take place on Friday 13th October from 09:00-13:00 in Hawkshead, with the online course continuing until

Monday 27th November, and the Teaching Presentation taking place on Tuesday 28th November.

- The second face to face induction will take place on Friday 11th May 2018 from 09:00-13:00 in Hawkshead, with the online course continuing until Monday 25th June, and the Teaching Presentation taking place on Tuesday 26th June 2018.

A Certificate will be awarded for those who complete the full course, including the assessment. The full TLiHE course is equivalent to 5 credits.

Attendance is mandatory for both the Induction Day and the Presentation Day.

There will be a maximum of 20-25 participants per course.

Please sign up for the course by completing an enrolment form which can be downloaded here: - <https://intranet.rvc.ac.uk/News/Misc/2017-07-tlihe-enrolment-form-2017-18.pdf> and return to the Postgrad Course Support Team via this email address: TLiHE@rvc.ac.uk.

Enrolment for the October 2017 course will close on Friday 6th October, and enrolment for the May 2017 course will close on Wednesday 2nd May 2018.

NB: If you have previously completed MSc in Veterinary Education, Principles and Practice in Veterinary Education I, II or the PG Certificate in Veterinary Education, PGCAP, KILT or have FHEA status, you are exempt from undertaking this compulsory course.

Please note if you are teaching more than 6 hours, this course is compulsory. Due to the timing of the course, those of you who have started teaching in September 2017 do not have to have completed the course before you commence teaching. Anyone involved in teaching, whether you have already started for this year, must complete this course. The half day workshops are compulsory for any PhD student involved in teaching, and the full course must be undertaken by anyone teaching for 6 hours or more.



# Bioinformatics

Tuesday 30<sup>th</sup> January 2018

09.30 – 17.00

S79 (Computer Room), Hawkshead

<b>Facilitator:</b>	Dr Dong Xia	
<b>Audience:</b>	All students	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	2 points

Bioinformatics is a new scientific discipline that has developed as a major field in academic research. It encompasses the acquisition, storage, distribution, analysis and interpretation of biological data. Vast amounts of data are being generated due to advances in high-throughput technologies. Manipulating and understanding this data can seem daunting, but often the key is just knowing where to look for the right tools and applications.

This workshop is aimed at all MRes and PhD students who wish to understand more about how bioinformatics can complement their research.

By the end of the course participants will have the necessary skills to:

- Navigate many of the key biological databases
- Understand how to identify sequences using BLAST
- Understand sequence alignment techniques
- Be able to build a phylogenetic tree

<b>Further Information</b>	Maximum 15 delegates
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# Assertiveness

Thursday 1<sup>st</sup> February 2018

10.00 - 13.00

U5, Camden

<b>Facilitator:</b>	Dr Margaret Collins (Specialist Academic Skills Trainer)	
<b>Audience:</b>	All PhD and MRes Students	
<b>RDF Sub-domains:</b>	B2 (self-management) D1 (working with others)	1 point

Assertiveness receives a lot of publicity, some good, some bad, and some downright misleading; so many people have very mixed feelings about it.

However, your ability to assert yourself affects everything else you do and don't do; from day to day activities right through to major life decisions. Consequently, it's important to understand what it is and what you want to do with it.

By the end of the course delegates will:

- Understand differences between assertive, passive and aggressive behaviours
- Increase your ability to communicate effectively
- Have strategies to deal with difficult situations
- Have greater confidence in your own abilities

<b>Further Information</b>	Maximum 15 delegates
<b>Additional Online Resources:</b>	Managing your Supervisor (available to PhD students at <a href="https://researchskills.epigeum.com/">https://researchskills.epigeum.com/</a> . Students will need to register on this website and instructions on how to do this can be found on page 9 of this document)

## Resilience Training\*

Date – tbc

Time TBC

Room TBC, Site TBC

<b>Course Overview</b>	Building our resilience will help us to develop the ability to learn from setbacks and to operate effectively in challenging situations. This workshop will help delegates to understand their own responses to and strengths in relation to resilience and how to develop resilience for a wide range of situations.
<b>Course Content</b>	This workshop will enable delegates to: <ul style="list-style-type: none"><li>• Identify what resilience is and why it is important</li><li>• Understand the 4 key components of resilience and their individual levels of resilience through completion of a personal pre workshop questionnaire</li><li>• Understand what can block the development of resilience</li><li>• Review the strengths that can help to support resilience</li><li>• Identify the strategies used by successful sportspeople to develop resilience and mental toughness</li><li>• Understand the links between resilience, optimism, commitment and wellbeing</li><li>• Gain strategies for developing and maintaining individual resilience</li></ul>
<b>Preparation</b>	Completion of the i-resilience questionnaire at <a href="http://www.robertsoncooper.com/iresilience/">http://www.robertsoncooper.com/iresilience/</a> and

	following the instructions for completion. Please bring a copy of the report to the workshop
<b>Further Information</b>	Maximum 10 delegates Lunch and refreshments will be provided

**\* Please note that this course is run by Human Resources and staff have priority of booking over students**

## Effective Presentation Skills

Tuesday 13<sup>th</sup> February 2018

09.30 – 17.00

F4, Camden

<b>Facilitator:</b>	Mr Rob Dazely (Frenchmill Training)	
<b>Audience:</b>	First Year PhD and MRes Students	
<b>RDF Sub-domains:</b>	B2 (self-management) D2 (communication and dissemination)	2 points

Are you confident about public speaking?

Would you like some tips on how to deliver an effective talk that represents well what you are doing?

Rob Dazely has been delivering this training for several years. Previous students have found the training to be excellent.

<b>Objectives</b>	By the end of the course participants will: <ul style="list-style-type: none"><li>• Understand speakers' nerves and be given strategies to cope with them</li><li>• Know how to use visual aids effectively</li><li>• Understand how to structure a presentation</li><li>• Appreciate the importance of positive body language</li></ul>
<b>Further Information</b>	Maximum 9 delegates

## SPSS 2

Monday 16<sup>th</sup> February 2018

09.30 – 13.00

S79, Hawkshead

<b>Facilitator:</b>	Dr Ruby Chang, RVC Statistician	
<b>Audience:</b>	All PhD Students (Priority will be given to first year PhD students)	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	1 point
<b>Course Overview</b>	This course provides the basic tools to get started with SPSS and assumes some familiarity statistical methods, particularly with inferential statistics. The format is very hands-on and involves practical use of SPSS at the computer terminal. Please note this course is only suitable for those who have completed SPSS 1 or have experience with SPSS.	
<b>Course Content</b>	<ul style="list-style-type: none"><li>• Non-parametric statistics</li><li>• Assess relationship between categorical variables – Chi-square, Fisher’s exact test</li><li>• Assess relationship between quantitative variables – correlation, simple linear regression</li><li>• Assess association between predictors (risk factors) and quantitative outcome – general linear model</li></ul>	
<b>Further Information</b>	Maximum 15 delegates	

## Grant Writing Workshop (All Levels)

**Monday 14<sup>th</sup> May 2018, 10.00 – 12.00, Room TBC, Hawkshead**

**Monday 11<sup>th</sup> June 2018 10.00 – 12.00, Room TBC, Camden**

<b>Facilitator:</b>	Professor Jonathan Elliott –VP Research & Innovation	
<b>Audience:</b>	All academics, staff clinicians and PhD students	
<b>RDF Sub-domains/points :</b>	A1 (knowledge base) D2 (communication and dissemination) C3 (finance, funding and resources)	1 point
<b>Course Overview</b>	This workshop is appropriate for all levels of experience of grant writing. It will enable you to interact with colleagues with different perspectives and experiences in research and discuss your ideas for research and get cross-fertilisation of ideas from different areas.	
<b>Course Content</b>	<ul style="list-style-type: none"> <li>• Provide generic information on how to write a good grant proposal</li> <li>• Identify the features of a good scientific proposal that make it attractive to a review committee</li> <li>• Give an insight into the types of evaluation process, knowledge of which may facilitate success</li> <li>• Discuss individual ideas for grant proposals and give advice on how to sell these ideas</li> <li>• Receive input and new ideas from peers for your incubating grant proposal</li> </ul>	
<b>Preparation</b>	Delegates should bring a copy of their draft grant proposal and three power point slides selling their idea.	

## R Training Recap Session

Tuesday 20<sup>th</sup> February 2018

09.30 – 13.00

F26, Camden

<b>Facilitator:</b>	Dr Ruby Chang, RVC Statistician	
<b>Audience:</b>	All PhD Students (Priority will be given to first year PhD students)	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	1 point
<b>Course Overview</b>	This 2.5 hour workshop is a recap session for R Training 1.	



## R Training 2

Wednesday 21<sup>st</sup> February 2018

09.30 – 13.00

F26, Camden

<b>Facilitator:</b>	Dr Ruby Chang, RVC Statistician	
<b>Audience:</b>	All PhD Students (Priority will be given to first year PhD students)	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	1 point
<b>Course Overview</b>	<p>This 2.5 hour workshop is designed for PhD/MRes students with some basic experience of using R. Participants should be comfortable of reading data file into R, carrying out basic descriptive analysis and drawing graphs. This course assumes some familiarity statistical methods.</p> <p><b>Students should have attended the first R training session. Alternatively they should at least know how to reading data into R and use R to draw basic graphs.</b></p> <p>You will explore using R for</p> <ul style="list-style-type: none"><li>• Comparison of means using one-way ANOVA and post-hoc comparison</li><li>• Comparison of means between paired samples</li><li>• Comparison of medians using non-parametric methods</li><li>• Simple linear regression analysis</li><li>• Linear model</li></ul> <p>The format is very hands-on and involves practical use of R at the computer terminal.</p>	
<b>Further Information</b>	Maximum 15 delegates	

## PhD Excel Training

Thursday 15<sup>th</sup> March 2018

09.30 – 17.00

F26, Camden

<b>Facilitator:</b>	Kamal Sejjarm, Prolog Training	
<b>Audience:</b>	All students (Priority will be given to third and fourth year (four year studentships only) students).	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	2 points
<b>Additional Online Resources:</b>	Excel Essential Training can be accessed at <a href="https://www.lynda.com/">https://www.lynda.com/</a> . Students will need to log into this website, instructions on how to do this can be found on page 63 of this document	

Although Excel is one of the most widely used programmes in academia, it is rarely used to its full potential. This course aims to introduce delegates to Excel functionality with specific relevance to managing large amounts of information and aims to incorporate skill elements not normally included in 'standard' Excel courses.

## PhD Submission Get Together

Thursday 22nd March 2018

10.00 – 12.00

Council Room, Camden

<b>Facilitator:</b>	Dr Shivanthi Manickasingham, Head of Postgraduate Administration	
<b>Audience:</b>	3rd and 4th year (four year studentships only) students	
<b>RDF Sub-domains:</b>	A1 (knowledge base) B2 (self-management)	1 point

This 2 hour workshop aims to provide 3rd and 4th Year PhD students with detailed and essential information about the PhD submission process. Students will also have the opportunity to hear first-hand the experiences from current and past PhD students on their experiences with writing their thesis, submission and Viva. During the session students can get tips and practical advice on writing their thesis as well as step by step guidance on the submission procedure.

## Research with Impact!

Thursday 29<sup>th</sup> March 2018

10.00 – 13.00 Council Room, Camden

<b>Facilitator:</b>	Head of Knowledge Transfer and Impact, with contributions from RVC Business and Marketing teams, together with a case study from an RVC academic involved in the realisation of impact from their research.	
<b>Audience:</b>	First Year PhD and MRes students and contract researchers	
<b>RDF Sub-domains:</b>	D1 (working with others) D3 (Engagement and impact)	1 point Impact statement: 1 point Poster abstract: 1 point

This half-day introductory workshop is aimed at all MRes and PhD students seeking to appreciate how academic research can lead to social, policy or economic impact, and what they can do to support its implementation.

The course will focus on developing awareness of the potential for impact from research and, especially, on what the research team can do to contribute to the realisation of impact. The session will include interactive exercises to explore stakeholder and target audiences, reasons for their interest, and how they might benefit from research outcomes; as well as diverse routes towards delivering impact. The importance of appreciating impact from academic research – relating to both grant funding and the Research Excellence Framework Exercise, alongside its relevance to collaborative partners outside academia, will be discussed.

Research scientists are increasingly required to identify how their work can deliver impact – essentially – to have beneficiaries beyond the scientific community. Alongside PG Research Day (Details on page 51) we run an Impact Statement Competition to give students the opportunity to show how their own work can deliver impact. Students will be required to submit an impact statement (of approx. 500 words) along with a poster abstract (approx. 300 words) The deadline to submit both is **5pm on Friday 18<sup>th</sup> May 2018**.

<b>Course Objectives</b>	<p>An introduction to areas relating to impact, such as:</p> <ul style="list-style-type: none"> <li>• talking to press and media</li> <li>• protection of intellectual property for commercialisation</li> <li>• engaging the public</li> </ul>
<b>Preparation</b>	<p>Students should come prepared to deliver a two minute presentation to describe their research and the impact that they envisage could arise from it.</p>
<b>Further Information</b>	<p>Maximum 20 delegates</p>

# Career Planning

Tuesday 20<sup>th</sup> March 2018

13.00 – 16.30

F4 Camden

<b>Facilitator:</b>	Kirsty Whitelock, RVC Careers Consultant	
<b>Audience:</b>	3 <sup>rd</sup> and 4 <sup>th</sup> year (four year studentships only) students	
<b>RDF Sub-domains:</b>	A1 (knowledge base) D2 (communication and dissemination)	2 points
<b>Additional Online Resources:</b>	Career Planning in the Sciences (available to PhD students at <a href="https://researchskills.epigeum.com/">https://researchskills.epigeum.com/</a> . Students will need to register on this website and instructions on how to do this can be found on page 9 of this document).	

This workshop will help you start thinking about your career post PhD. It will be a practical session, comprised of a group session. It is designed to help you identify your skills, career values and begin to develop a career plan.

You can complete the online Career Planning in the Sciences course before the group session in your own time.

This course is equally applicable to you if you have done very little thinking so far about your future career options, or if you have very clear career plans. It is relevant for those considering both academic and non-academic careers.

# PhD Word Training

Thursday 19<sup>th</sup> April 2018

09.30 – 17.00

F26, Camden

<b>Facilitator:</b>	Kamal Sejpar, Prolog Training	
<b>Audience:</b>	All students (Priority will be given to third and fourth year (four year studentships only) students).	
<b>RDF Sub-domains:</b>	A1 (knowledge base) D2 (communication and dissemination)	2 points
<b>Additional Online Resources:</b>	Word Essential Training can be accessed at <a href="https://www.lynda.com/">https://www.lynda.com/</a> . Students will need to log into this website, instructions on how to do this can be found on page 63 of this document	

Although Word is one of the most widely used word processing programmes in the world, it is not very intuitive or helpful when writing long documents such as dissertations and reports. This course aims to introduce delegates to Word functionality with specific relevance to writing long documents and aims to incorporate skill elements not normally included in 'standard' Word Courses.

This course covers areas such as:

- cross referencing
- creating footnotes
- inserting citations
- creating citation tables, tables of contents and tables of figures
- indexing
- floating figures
- headers & footers
- master documents and sub documents

This course also covers use of 'versions', reviewing of documents and the creation of summaries pages.

# RNA-Seq and Galaxy

Thursday 3rd May 2018

09:30-130

S79, Hawkshead

<b>Facilitator:</b>	Dr Dong Xia	
<b>Audience:</b>	All students (prior exposure on RNA-Seq would be helpful)	
<b>RDF Sub-domains:</b>	A1 (knowledge base)	2 points

RNA-Seq becomes an increasingly popular approach to transcriptome profiling that uses next-generation sequencing (NGS). Galaxy platform hosts many tools necessary to creating and executing a complete RNA-Seq analysis pipeline.

This workshop is aimed at all MRes and PhD students who wish to understand more about RNA-Seq and data analysis pipelines.

By the end of the course participants will have:

- Basic understanding of RNA-Seq techniques
- A typical pipeline for RNA-Seq data analysis
- Implementing and executing the pipeline on Galaxy.



# Imposter Syndrome\*

Date TBC

Time TBC

Room TBC, Site TBC

<b>Facilitator:</b>	Dr Margaret Collins – Training for Universities
<b>Audience:</b>	If you identify with any of the below then this event is for you. This is a mixed workshop for men and women
<b>Course Overview</b>	<p>Are you as good as they think you are?</p> <p>This secret fear that we're not really good enough is surprisingly widespread. In the face of tangible evidence of their success, many women, some men, people who are genuine high-achievers are often racked by self-doubt and the fear of being found out. This feeling has been termed "The Imposter Syndrome".</p> <p>You might recognise this syndrome when you realise you're thinking or feeling:</p> <ul style="list-style-type: none"><li>• that you don't put yourself forward because you fear you'll fail</li><li>• you don't contribute in meetings because you don't want to look a fool</li><li>• you've done pretty well so far but it was really lucky</li><li>• other people doing similar jobs seem to be more "grown up" than you feel</li><li>• your definition of "good enough" for yourself is really "achieving perfection without breaking sweat"!</li></ul> <p>If not addressed the Imposter Syndrome can cause individuals to experience significant stress, anxiety and fear. It can drive them to burn-out or inhibit them from achieving their full potential, prevent them from making valuable contributions to projects or meetings</p>

	and deprive an organisation from seeing the very best that their staff can give.
<b>Course Content</b>	<p>During this workshop "Imposters" will:</p> <ul style="list-style-type: none"> <li>· come to understand how this is affecting their life</li> <li>· examine the "rule book" they are living by and choose - if they want - to re-write the rules</li> <li>· examine the role that gender, race and class can have on feelings of fraudulence</li> <li>· benefit from understanding how men and women put different values on the art of "winging it"</li> <li>· see how their interpretation of past success has been making things more difficult</li> <li>· notice that being incompetent and feeling incompetent are two totally different things</li> <li>· explore the advantages and disadvantages of different coping mechanisms</li> <li>· learn practical strategies to set free their Imposter and be themselves!</li> </ul>
<b>Duration</b>	Full day, 09.30 – 16.30
<b>Course Dates/Location</b>	TBC
<b>Further Information</b>	Lunch and refreshments will be provided

**\* Please note that these courses are offered by Human Resources, and that staff have priority of booking over students.**

## Writing Workshop 2

Wednesday 23rd May 2018

10.00 - 17.00

F4, Camden

<b>Facilitator:</b>	<b>Dr Kevin Byron</b> (Research Skills and Enterprise Adviser, Queen Mary, University of London)	
<b>Audience:</b>	Second and Third Year PhD and MRes Students	
<b>RDF Sub-domains:</b>	D2 (communication and dissemination)	2 points

In the design stage of a PhD or MRes, the research methods and the means for acquiring new knowledge in the field of study are developed. When the design is complete and put into action, evidence may begin to emerge that addresses the research question articulated earlier. This may appear for example as the results of experimental investigations, or data gathered through surveys or interviews. If the new knowledge appears to provide answers to the research question and is an original contribution to the field of study, the next step is in communicating this knowledge to the wider research community through writing a paper for publication in an academic journal. Having read many such publications in the first stage of embarking on the research project (and thereafter), making the transition from reader to author can be a daunting task.

<b>Objectives</b>	<p>This workshop is aimed at guiding the researcher through this transition by providing some tools and techniques that can help in writing academic papers, and providing some ways of overcoming obstacles to writing. Attendees at the workshop will also learn how:</p> <ul style="list-style-type: none"><li>• the quality of academic publications is controlled</li><li>• to choose an appropriate journal and style for a paper</li><li>• to approach writing the different sections of a paper, and the order in which to write them</li><li>• to incorporate reviewers' comments in a peer-reviewed paper</li></ul>
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	<ul style="list-style-type: none"><li>• to gain a set of strategies for overcoming common barriers to writing</li></ul>
<b>Further Information</b>	Maximum 15 delegates

# Postgraduate Research Day

30<sup>th</sup> May 2018

09.00 – 17.00

Camden Campus – Council Room, F4, F1C, LT1

<b>Audience:</b>	All PhD and MRes students, supervisors and postdocs	<b>Presenters:</b>	<u>Posters</u> - 1 <sup>st</sup> year PhD and MRes students  <u>Seminars</u> – Final year PhD students
<b>RDF Sub-domains:</b>	A3 (Creativity) D2 (communication and dissemination) D3 (engagement and impact)	Attendance: 1 point Preparation and presentation of poster or talk: 4 points	

Postgraduate Research Day is a great opportunity for you to show staff and fellow students what you've been doing and practise your communication and presentation skills by discussing your work with them. It's also a good way of finding out what other research is going on in the College.

**Year 1 PhD and MRes students** must present a poster that they have made for Postgraduate Research Day or one that they have presented at an external meeting *within the last 3 months*. As well as presenting a poster, students are expected to submit (i) a (300 word) abstract summarising the poster content and (ii) an impact statement of no more than 500 words identifying how their work will deliver impact (further details on structure and content will be provided nearer the time).

**Final year PhD students** must present a short **overview** of their whole PhD project summarising the main research question(s), findings and impact(s) of their studies. Students are also expected to submit a (300 word) abstract of their presentation.

Please ensure you use the correct RVC branded logos on all talks and poster presentations which can be downloaded (together with poster templates) from the RVC Media Library at:

<https://assetbank.rvc.ac.uk/asset-bank/action/browseItems?categoryId=166&categoryId=1>

Please plan to attend the whole event and support your fellow students. We would encourage everyone to ask the speakers questions and to discuss the content of at least two posters with the presenters. Year 1 and final year students will also have the opportunity to chair one of the oral presentation sessions.

There will be prizes for the best poster and oral presentations/associated abstracts and impact statements. All those participating on the day will be able to contribute to judging the talks and abstracts. Impact statements will be judged by the Heads of Knowledge Transfer and Impact and Graduate School.

The deadline for submission of poster and presentation abstracts and impact statements is **5pm on Friday 18<sup>th</sup> May 2017**.

Please send electronic copies of poster abstracts and impact statements to Lisa Matamala-Shaw, [lshaw@rvc.ac.uk](mailto:lshaw@rvc.ac.uk)

Please send presentation abstracts to Lisa Matamala-Shaw, [lshaw@rvc.ac.uk](mailto:lshaw@rvc.ac.uk)

# Writing the Doctoral Thesis

Wednesday 6<sup>th</sup> June 2018

09.00 – 13.00

F1c, Camden

<b>Facilitator:</b>	Dr Kevin Byron (Research Skills and Enterprise Adviser, Queen Mary, University of London)	
<b>Audience:</b>	PhD students who are about to write their thesis, or who have already started writing	
<b>RDF Sub-domains:</b>	A1 (knowledge base) A2 (cognitive abilities) B2 (self-management) D2 (communication and dissemination)	1 point

This workshop is for PhD students who are about to write their thesis, or who have already started writing and are facing challenges in sustaining their efforts to complete the task.

Initially the workshop will provide information on the specifications for a good PhD thesis both as a detailed record of the students' research, and in terms of meeting the academic standards required by the examiners.

Tools and techniques will be described and practised to assist in both the technical aspects of writing and in overcoming personal obstacles that can hinder progress. The workshop will include individual, paired and group exercises.

Participants will:

- Understand the purpose and structure of a PhD thesis
- Identify practical ways in which the thesis may be planned, drafted and completed
- Discuss factors that may lead to loss of motivation (e.g. writers' block) and how to re-gain it
- Critically consider the uses and meanings of the term 'academic argument'
- Considered ways of helping PhD students to develop their writing.

# Preparing for the Doctoral Viva

Wednesday 6<sup>th</sup> June 2018

13.30 - 17.00

F1c, Camden

<b>Facilitator:</b>	<b>Dr Kevin Byron</b> (Research Skills and Enterprise Adviser, Queen Mary, University of London)	
<b>Audience:</b>	PhD students who are in the final stages of writing their thesis	
<b>RDF Sub-domains:</b>	A2 (cognitive abilities) B1 (personal qualities) B2 (self management) C2 (research management)	1 point

This workshop is for PhD students who are in the final stages of writing their thesis.

After covering the purpose of the viva, the way it is conducted and the necessary preparation beforehand, we will explore what the examiners are looking for based on feedback from a number of examiners.

The workshop will include a mock viva where each attendee has a chance to address some of the typical generic questions that are asked at the beginning and towards the end of a viva.

Each attendee will have an opportunity also to act as an examiner and an observer in order to experience the viva from other perspectives.

Participants will:

- Understand the purpose of the viva, the way it is conducted, and the outcomes
- Learn how best to prepare for the viva
- Learn how to deal with nervousness and stay focussed before and during the viva
- Practice the skills for answering questions with the appropriate level of detail
- Understand and respond to what the examiners are looking for in a viva
- Practice a mock viva on their own research



# Preparing for Annual Appraisal

Wednesday 11<sup>th</sup> July 2018

14.00 – 16.00

Council Room, Camden

<b>Facilitator:</b>	Prof Kristien Verheyen	
<b>Audience:</b>	PhD students who started after 1 <sup>st</sup> September 2015	
<b>RDF Sub-domains:</b>	A2 (cognitive abilities) A3(creativity) B2 (self management) C2 (research management)	1 point

Most students worry about their first appraisal and how much preparation to do. This workshop explores the practical aspects of appraisal and aims to help you be prepared and get the most out of it.

<b>Objectives</b>	<ul style="list-style-type: none"><li>• To appreciate the reasons for having annual appraisal and the value of it to the institution and to you</li><li>• To understand the processes and procedures involved in writing your report, and preparing for the viva</li><li>• To understand possible outcomes and their impact on you</li><li>• To be able to evaluate the report resulting from the viva and use it to influence your progress.</li></ul>
<b>Additional Online Resources:</b>	Research Methods in Literature Review (available to PhD students at <a href="https://researchskills.epigeum.com/">https://researchskills.epigeum.com/</a> . Students will need to register on this website and instructions on how to do this can be found on page 9 of this document)

## RVC Annual Bioscience Careers Conference\*

**September 2018 – Date TBC (dates to be confirmed for 2018 but in 2017 this was held on the last Thu and Fri in Sept)**

<b>Facilitator:</b>	Various Speakers	
<b>Audience:</b>	2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> year (four year studentships only) students, MRes students and contract researchers	
<b>RDF Sub-domains:</b>	B3 (professional and career development)	2 points

This two day conference based at Camden which aims to offer insight into a wide range of career areas and essential skills to aid your exploration and success in the world beyond RVC and education. Dip in and out of the two days depending on your interest and focus.

A timetable of the session titles will be shared nearer the event but in 2017 content suitable for those studying through the RVC Graduate School included;

- Skills sessions on Networking and LinkedIn
- At least 12 external speakers with a focus on working “In, With or From” Science.
- Raising awareness of specific sectors or business skills delivered by industry experts. In 2017 topic included Food systems and Commercial awareness.
- Learn about individuals career journeys after PhD’s
- Skills sessions on Decision making and Applications.

Whether you will be making imminent career related decisions or not in the next 12 months you will find something that is of interest at the Conference for whatever stage you are at. More details will be shared via email during the year.

\*Event organised by Careers Service

## Further Opportunities

Training offered by Human Resources at the RVC is also often available to PhD students: see Staff Training on the intranet.

### Bloomsbury Postgraduate Skills Network

The Bloomsbury Postgraduate Skills Network also offers training to PhD students in 5 Colleges of the University of London. Our Students find this an interesting opportunity to meet PhD students studying other topics!

<https://courses.grad.ucl.ac.uk/bloomsbury/>



UKCGE is the UK Council for Graduate Education - champion the interests of graduate education <http://www.ukcge.ac.uk/>

The UKCGE was founded in 1994 under the Chairmanship of Professor Robert Burgess to champion the interests of graduate education. It helps its members contribute to the development of the UK's graduate education through conferences, workshops and publications.

### Conferences

The Council holds an annual Winter and Summer Conference. The Winter Conference is a one-day event and usually includes two plenary speakers and a series of workshop sessions. The Summer Conference takes place over two days, usually in July, and includes plenaries, workshop sessions as well as the Business Meeting, a Conference Dinner and opportunities for networking.

## **Workshops and Working Groups**

The Council runs a full programme of workshops on a wide variety of postgraduate issues.

Working groups investigate and report on a range of current postgraduate issues. A list of these and other published reports can be found on the publications section of our web site.

## **Publications**

UKCGE produces regular publications which are available to both members and non members. The newsletter is produced three times a year to keep members up to date on UKCGE activities, and also to inform of relevant developments in the postgraduate arena and provide topical book reviews. In addition to this, UKCGE produces conference and workshop summaries for the majority of its events and these can be accessed through the website.

## **Vitae: Realising the Potential of Researchers**

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Vitae ([www.vitae.ac.uk](http://www.vitae.ac.uk)) is committed to enhancing the quality and output of the research base in the United Kingdom, through supporting the training and development of the next generation of world-class researchers.

Vitae is funded by the Research Councils UK (RCUK) and managed by CRAC: The Career Development Organisation and delivered in partnership with regional Hub host universities. The programme builds on the work and activities of the UK GRAD Programme for postgraduate researchers and UK Higher Education Researcher Development (UKHERD) network for research staff.

## **SOAS' first MOOC on new 'on-demand' education platform**

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The first Massive Open Online Course (MOOC) launched by SOAS is now accessible any time and from anywhere in the world.

'Understanding Research Methods' is now available on Coursera, an education platform that partners with top universities and organisations worldwide, to offer courses online for anyone to take, for free.

The SOAS course can be accessed by students when it suits their timetable wherever they are. The courses' interactive forums also provide the opportunity to engage and network with other researchers on a global scale.

'Understanding Research Methods' is run in partnership between the University of London's International Programmes and Coursera. The course is designed to serve those at various stages of their academic career: undergraduates approaching their first dissertation, a postgraduate looking to refresh their skills before a new project, or those undertaking a PhD.

This course is live now at:

<https://www.coursera.org/learn/research-methods/outline>

## Lynda.com

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The College now has a subscription to [Lynda.com](#), who provide online video tutorials in a number of areas.

Lynda.com is a leading online learning platform that helps anyone learn business, software, technology and creative skills to achieve personal and professional goals. There are tens of thousands of courses on Lynda.com, covering thousands of different topics, and ranked in level from "Beginner" through "Intermediate" to "Advanced".

To log in, follow the link above and click on the menu icon at the top left hand corner. Choose "Sign In" then "Sign in with your organization portal". You will be asked to "Enter your organization's URL": enter "www.rvc.ac.uk" (without the quotes) then click "Continue". The authentication process will take a few seconds, then you will be logged in.

There is a How to use Lynda.com course (<https://www.lynda.com/Business-tutorials/How-use-Lynda-com/77683-2.html>) which does not require logging in to watch. It is, however, 1h 27m in length, so you may not want to watch all of it at first, but it will help you get the most out of Lynda.com.