

# FOR RESEARCH ACTIVE STAFF

## MAY 2013 E-NEWSLETTER

### SUPPORT GOING FORWARD

**From April 2013 our remit continues to include learning and development support for all Research Active Staff at Warwick for the next three years.**

To focus effectively on staff development opportunities for Research Active Staff the five main areas of support will be:

- ⇒ Career Development
- ⇒ Enterprise & Entrepreneurship
- ⇒ Equality & Diversity
- ⇒ Leadership
- ⇒ Skills

To help us deliver this support a new website is now LIVE! Some of the key areas are highlighted on page 2 of this newsletter.

Please contact Sandy Sparks: [Sandra.Sparks@warwick.ac.uk](mailto:Sandra.Sparks@warwick.ac.uk) with any queries or to discuss your needs. Or visit the website for Research Active Staff (below) for information on current support.

## Learning & Development Centre

### Research Active Staff

About

Current Development Opportunities

Events and News

Resource Bank

Funding Opportunities

The Research Community at Warwick

Your Employment at Warwick

FAQs

The University of Warwick will be taking part in the national **CROS and PIRLS surveys** during May 2013, and all Research Active Staff are invited to complete the relevant survey.

#### The Careers in Research Online Survey (CROS) is

aimed at those primarily employed to conduct research and have no formal staff management/supervision responsibilities.



**The Principal Investigators and Research Leaders survey (PIRLS)** is the parallel survey, targeting research leaders. It aims to capture views on what makes a research leader and how these capabilities may be developed in research staff as they seek to become the research leaders of the future.

For further information and links to the surveys visit:  
[http://www2.warwick.ac.uk/services/ldc/researchers/events\\_news/cros\\_pirls/](http://www2.warwick.ac.uk/services/ldc/researchers/events_news/cros_pirls/)

### NEW THIS MONTH:

#### Events/Activities Feedback:

- ⇒ Minutes from the recent Research Staff Forum
- ⇒ CROS & PIRLS surveys
- ⇒ Teaching & Learning Showcases

#### Support Update:

- ⇒ New Open Access Journal for Early Career Researchers
- ⇒ News from the Networks

# LAUNCH OF THE NEW WEBSITE

## The redevelopment of the website for Research Active Staff has been undertaken to:

- ⇒ Enable staff to find the information they need with ease.
- ⇒ Highlight resources, best practice and areas of support to aid the personal and career development of a researcher.

The homepage reveals information about the different sections of the new website to help you select the right page quickly. Here are some of the key sections and what they include.

## Resource Bank

### Resource Bank

#### Resource Bank

The Resource Bank is a repository holding a range of materials to help in your development and career as a researcher. It contains event reports, research guides, case studies, video's and presentation files to support best practice and give you ideas for development and funding opportunities.

The Resource Bank is easily searchable. The results will appear below by selecting a resource type and/or clicking on the keywords most relevant to your search across three key themes:

- Researcher Development
- Research Management
- Publication and Impact

#### Research Development Themes

#### Resource Type

- Case Study
- Event Report
- Podcast or video
- Powerpoint presentation

#### Researcher Development

- Career Development
- Enterprise and Entrepreneurship
- International Research
- Leadership
- Networking

#### Research Management

- Funding
- Managing Information
- Organising Events
- Project Management
- Technology Enhanced Skills

#### Publication & Impact

- Disseminating Research
- Academic Writing
- Collaboration

#### Statistics Seminar Series - Session 1

This introductory session to the new Maths & Statistics Seminar Series will discuss the role of statistics in research from the framing of the initial research objectives through the design of the research programme, data collection, inference and analysis to the publication of results. Particular attention will be paid to the context of research and how this determines the appropriateness (or inappropriateness) of particular techniques.

#### Statistics Seminar Series - Session 2: Experimental Design

Choosing data collections methods and experiments is an essential part of planning an empirical research project. It is crucial to draw on statistical thinking at this stage or there is a risk that too few or inappropriate data are gathered. Experimental design is a key step in highly structured data collection, but its thinking and imperatives apply much more widely across qualitative as well as quantitative research.

#### Statistics Seminar Series - Session 3: Confirmatory Statistics

This session discussed how statistical analysis helps develop and test hypotheses. At a general level it covers many topics from Chi-squared tests.

This searchable site holds a range of materials produced by and for LDC to support best practice and offer information on development, training and funding opportunities.

### Resource Bank

#### Statistics Seminar Series - Session 1

#### Video recording of the speakers presentation



#### Session Description

This introductory session to the new Maths & Statistics Seminar Series will discuss the role of statistics in research from the framing of the initial research objectives through the design of the research programme, data collection, inference and analysis to the publication of results. Particular attention will be paid to the context of research and how this determines the appropriateness (or inappropriateness) of particular techniques. In this introductory seminar and discussion we will not enter into details of any particular technique but consider more generally why – and how – statistical thinking can benefit your research.

#### Seminar Session Resources:

Powerpoint Presentation

#### Further Details

Date: 20th September 2012

Speaker: Simon French, Director of the Risk Initiative and Statistical Consulting Unit (RISCU)

Keywords: Statistics, Researcher

#### Suggested References & Further Resources:

An introduction to Cynffig is given in the early sections of:  
S. French (2011), 'Cynffig: Statistics and Decision Analysis', Journal of the Operational Research Society (Published online July 4th), DOI: doi:10.1057/jors.2012.23, <http://www.palgrave-journals.com/dofinder/10.1057/jors.2012.23>.  
It is difficult to give references that cover the generality and breadth of the points that I intend to make in this introductory seminar. Most statistics texts cover some of these points, but only very briefly. A bit of an exception is given by Gilmer et al below; however, the text is written more for the social sciences, humanities and psychology than the physical or biological sciences.  
J. A. Gilmer, G. A. Morgan and N. L. Leech (2009). Research Methods in Applied Settings: An Integrated Approach to Design and Analysis. New York, Routledge - Taylor and Francis.  
The classic text on exploratory data analysis (EDA) is:  
J. W. Tukey (1977). Exploratory Data Analysis. Addison-Wesley.  
Very old, but hardly bettered. Most introductory statistics texts provide some material on EDA, but seldom enough before they launch into confirmatory statistics.

## Current Development Opportunities

This page links to the development opportunities currently on offer, from 1-1 support to individual events and training programmes.

### current opportunities

1-1 support development & support Newsletter archive

#### Current Development Opportunities

Many of the current events, projects and bespoke activities have been developed in direct response to requests from research active staff.

If you would like to discuss any of these current development opportunities, or have suggestions for new projects, please contact Sandy Sparks (LDC Advisor for Research Staff) [sandra.sparks@warwick.ac.uk](mailto:sandra.sparks@warwick.ac.uk)

<b>Programme of events for Research Active Staff</b> A range of workshops, seminars and more extensive training programmes are offered throughout the academic year to support the career and skill development of research active staff. <a href="#">View the full programme of events currently on offer</a> or <a href="#">visit our events and news page</a>	<b>1 - 1 Support</b> In addition to the programme of funding and events, LDC provides three strands of individual support aimed at addressing specific research needs: <ul style="list-style-type: none"><li>• Careers Advice</li><li>• Academic Writing support</li><li>• Statistics analysis support</li></ul> <a href="#">View further details</a>
<b>E-Newsletter for Research Active Staff</b> The monthly E-Newsletter is sent to Research Active Staff across the university. View the latest issue <a href="#">View further details and the archive of previous newsletters.</a>	<b>Career Development &amp; Support</b> In aiming to respond to requests and the changing needs of research active staff, LDC is continually reviewing its programmes and piloting new support ideas. The current five thematic areas will focus on: <ul style="list-style-type: none"><li>• Leadership</li><li>• Career Development</li><li>• Research Skills - eg Academic &amp; Bid writing / Statistics</li><li>• Enterprise &amp; Entrepreneurship</li><li>• Equality &amp; Diversity</li></ul> <a href="#">View further details</a>

[View the full LDC Course Directory](#)

#### Looking for ideas for possible funding applications?

Take a look at our legacy of support for Researchers:

- EPSRC Impact, Career Development & Leadership Funding (1 Dec 2013 to 31 March 2012) Legacy details to follow
- EPSRC Enterprise & Entrepreneurship Transferable Skills Funding (1 January to 30 November 2012)
- Roberts' Funding (September 2009 to December 2011)

The pages on **News & Events**, **Funding**, the **Research Community**, and **Employment at Warwick** provide details on and links to LDC, Warwick and external resources, to directly inform and support your current employment and future research opportunities.

# SUPPORT PROVISION

## Feedback from the recent Research Staff Forum

The Research Staff Forum (RSF) meets once per term. The meeting in March offered an opportunity for research active staff to share news from departments and was a great opportunity to share practice and to hear about events being organized by researchers. For example, updates were given on the recently formed/ re-started research staff networks in Life Sciences, the Education Research Network and Researching Human Fatigue in the Workplace.

The forum also offered presentations on different learning and development opportunities for research active staff, including information on Open Access, the new Journal being launched by IAS.

Further information and the minutes from the March Forum can be found at: <http://www2.warwick.ac.uk/services/ldc/researchers/community/rsf/>  
Details of the next forum will be included in future newsletters.

## The first meeting of the Statistics Steering Group

All departments were invited to send a representative to attend the meeting. The Steering meeting provided an update on the statistics 8-month pilot project that has been a collaboration between RISCU and LDC. The discussions also considered plans for the future and the criteria for statistics provision to support research staff. This included the future programme for the statistics seminar series, building a community of practitioners and online resources.

**Simon French** (Director of RISCU) has written a brief [case study](#), reflecting on the pilot Statistics Series, which can be found in the new Resource Bank:  
[http://www2.warwick.ac.uk/services/ldc/researchers/resource\\_bank/](http://www2.warwick.ac.uk/services/ldc/researchers/resource_bank/)

Further information about the Statistics series can be found at:  
[http://www2.warwick.ac.uk/services/ldc/researchers/opportunities/development\\_support/mathstats](http://www2.warwick.ac.uk/services/ldc/researchers/opportunities/development_support/mathstats)

If you are interested in finding out more about the Statistics Steering Group please contact Lisa Lavender—[L.Lavender@warwick.ac.uk](mailto:L.Lavender@warwick.ac.uk)

### The recent EPSRC Impact, Career Development & Leadership funding has now CLOSED.

A range of projects were funded in the following departments:

- ⇒ Warwick Manufacturing Group (WMG) - 4 projects totalling £12,800
- ⇒ WMG / Warwick Medical School (WMS) joint application - £900
- ⇒ Life Sciences - 2 projects totalling £2,000
- ⇒ Politics and International Studies (PAIS) - £2,100

**Total funding: £17,800.**

Legacy information and reports will be added to the website shortly.

## USEFUL DATES FOR YOUR DIARY

### LDC EVENTS

#### Statistics Series

16th May 2013

##### Seminar 7:

##### Regression Modelling, Variable Selection & GLMs

[http://www2.warwick.ac.uk/services/ldc/researchers/opportunities/development\\_support/mathstats/series\\_programme/seminar7/](http://www2.warwick.ac.uk/services/ldc/researchers/opportunities/development_support/mathstats/series_programme/seminar7/)

6th June 2013

##### Seminar 8:

##### Qualitative & Quantitative Analysis, Survey & Questionnaire Design

[http://www2.warwick.ac.uk/services/ldc/researchers/opportunities/development\\_support/mathstats/series\\_programme/seminar8/](http://www2.warwick.ac.uk/services/ldc/researchers/opportunities/development_support/mathstats/series_programme/seminar8/)

#### Academic Writing Programme

24th May 2013

##### How to be a Prolific Writer & Writing to Present at Conferences

[http://www2.warwick.ac.uk/services/ldc/development/awp\\_journals](http://www2.warwick.ac.uk/services/ldc/development/awp_journals)

11th June 2013

##### Effective Writing for Bids & Grants

[http://www2.warwick.ac.uk/services/ldc/development/awp\\_bids](http://www2.warwick.ac.uk/services/ldc/development/awp_bids)

27th & 28th June 2013

##### Academic Writing Programme away days

These writing away days run over 2 days and offer research staff the opportunity to focus exclusively on their writing.

<http://www2.warwick.ac.uk/services/ldc/development/awpbootcamp>

#### Teaching & Learning (T&L) Showcase Events:

8th May 2013

##### Faculty of Social Sciences Showcase

<http://www2.warwick.ac.uk/services/ldc/tandl/socscitls/>

15th May 2013

##### Faculty of Science Showcase

<http://www2.warwick.ac.uk/services/ldc/tandl/sciencetlshowcase/>

19th June 2013

##### Institutional T&L Showcase

<http://www2.warwick.ac.uk/services/ldc/tlshowcase/tlshowcase2013/>

## USEFUL LINKS

### Opportunities at Warwick:

<http://www2.warwick.ac.uk/services/ldc/researchers/community/resources/>

### Exchanges: the Warwick Early Career Research Journal—call for papers

To be launched in October 2013, this peer-reviewed online Open Access journal invites articles that articulate new research in all disciplines, and particularly scholarship by early career researchers in the field.

You are invited to submit an article of 4,000-5,000 words in length, or a book or conference review of approximately 1,000 words.

**The deadline for the submission of a proposed paper is 13th May 2013.**

Further guidance on submissions is available on the Journal website:

<http://exchangesjournalwarwick.wordpress.com/>

### OPEN ACCESS UPDATE

**RCUK recently released their latest Open Access policy, guidance (8.4.13) and FAQs for RCUK-funded researchers, including research students. RCUK state that the policy will be subject to further review in 2014, and any necessary changes made again.**

For this, and any further OA updates and funding information, visit the Library's Information for Authors website pages:

[go.warwick.ac.uk/lib-researchers/authors](http://go.warwick.ac.uk/lib-researchers/authors)

The Library will continue to employ one Open Access Officer, Helen Albrow, to support authors and provide up to date information, until the end of July 2013. Enquiries can be sent to Helen on: [openaccessfund@warwick.ac.uk](mailto:openaccessfund@warwick.ac.uk)

### Networking with other research active staff

A number of networks exist at Warwick to support researchers at department, faculty or inter-disciplinary level.

Funding is available from LDC to support new and existing networks. Please contact Sandy Sparks to discuss your ideas or visit: [http://www2.warwick.ac.uk/services/ldc/researchers/funding/network\\_funding/](http://www2.warwick.ac.uk/services/ldc/researchers/funding/network_funding/)

### News from the networks ...

#### Education Research Network (ERN) Networking Lunches

Following an initial lunch in April the ERN is holding three further lunches at the Wolfson Research Exchange in the summer term:

⇒ Thursday 30th May

⇒ Thursday 20th June

⇒ Thursday 25th July

For further details please take a look at the ERN Network page: <http://www2.warwick.ac.uk/services/ldc/researchers/community/networks/education/>

#### Chemistry Research Fellow Forum

The next lunch session of the forum will take place on **10th May**.

#### Physics Network

The next meeting, including lunch, is on **4th June, 12-2pm**. It will include a discussion on learning development opportunities, such as the Postgraduate Certificate in Transferable Skills in Science for PDRAs

See the '**Networks**' page for further details and contacts for these and other Researcher networks at Warwick:

<http://www2.warwick.ac.uk/services/ldc/researchers/community/networks/>

**Opportunities outside Warwick:** <http://www2.warwick.ac.uk/services/ldc/researchers/funding/outsidewarwick/>

#### JSPS Invitation Fellowships: Short Term

**Application Period: 2 to 10 May 2013 to JSPS Tokyo via host in Japan.**

**Fellowships must be started between 1 October 2013 to 31 March 2014.**

Please visit the JSPS Tokyo website for further information: <http://www.jspso.go.jp/english/e-inv/index.html>

**JSPS London Postdoctoral Fellowship for Foreign Researchers (Short Term) Application Deadline: Monday 3rd June 2013 Fellowships must be started between 1st November 2013 to 31st March 2014.**

Please visit the JSPS London website here for further information:

<http://www.jspso.org/funding/2013/03/postdoctoral-fellowship-for-foreign-researchers-short-term.html>