Mini case study

Jane Williams
Research Asset Management Project Manager
Robert Gordon University
0000-0003-2849-8106
Post 1992 University with significant investment in a brand new campus

13,000 students - HESA - RGU is the top university in the UK for graduate employment for the last two years

Close links with industry particularly oil & gas e.g. £2m DART® simulation facilities

12 schools in 3 faculties

Small research profile, REF results – not too good
Publication repository with DSpace as part of the Scottish Digital Library Consortium (SDLC), nowhere near fully populated with all the outputs it could contain

Currently procuring a CRIS - our specification shows that there is no such thing as one system to rule them all....

Using ORCID as a unifying standard and a tool for engagement
Research “Asset” management to try to convey the widest possible support for researchers

Started by focussing on EPSRC

Data management planning, Data Emergencies, specification for CRIS, data management training, writing the guidance and web pages for staff, revision of research policy, revision of research workflows
The Blue Peter Approach...

What was cheap (free), to hand and easy to use for a University of our size.
C) We don’t have any training, support or guidance that covers RDM issues.

Back-up and storage

A) We offer secure storage and run regular back-ups. Researchers are fully aware of this service and know where to store data to benefit from back-ups.

B) We offer secure storage and regular back-ups but are not sure researchers are aware of this service and how it can be of value to their research activity.

C) We run back-ups and provide access to some secure storage but these services could be improved at our institution. We’re not sure how aware our researchers are about these services and their potential benefits.

If you want to store audio files you are quite virtually no space is left above - major issue.
We don’t have access to any funds - institutional or external - to support the development of our research data management infrastructure.

Staff skills

- A) Staff within the institution can provide dedicated guidance on specific aspects of research data management (e.g. data protection, ethics, data licensing). These individuals are well-known to researchers.

- B) We have members of staff who are very knowledgeable in aspects of research data management but they are not always well known to researchers.

- C) We don’t have many members of support staff who can support research data management. Those we do have are often unknown to researchers.
Cardiovascular details

Where your funder or institution doesn't have specific requirements or if you left these options blank, you will see the DCC Checker. This offers a generic set of DMP questions and guidance. For more details see DMP checker 2013.

Funder Note

Institution: Robert Gordon University

Template: RGC/DMP.xls

Other guidance

DCC guidance
<table>
<thead>
<tr>
<th>Title</th>
<th>Date</th>
<th>Topic</th>
<th>Investigator</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigation of the contamination of air with sulphur dioxide from high tech firms.</td>
<td>12-10-2014</td>
<td>Dave Slade</td>
<td>David Slade</td>
<td></td>
</tr>
<tr>
<td>Boosting the impact of research:1st 150 (strategies)</td>
<td>03-06-2014</td>
<td>Simon Barnett</td>
<td>Linda Lawley</td>
<td></td>
</tr>
<tr>
<td>A new plan for 10 year plan of Scottish Science</td>
<td>13-11-2014</td>
<td>Sarah Fidler</td>
<td>Linda Lawley</td>
<td></td>
</tr>
<tr>
<td>The way of interaction in small business leader</td>
<td>02-11-2014</td>
<td>John Greenidge</td>
<td>Justin Greenidge</td>
<td></td>
</tr>
<tr>
<td>Utilising the voices</td>
<td>01-01-2015</td>
<td>Raka Forlen-Moay</td>
<td>Raka Forlen-Moay</td>
<td></td>
</tr>
<tr>
<td>The role of Polish</td>
<td>16-05-2015</td>
<td>David Slade</td>
<td>David Slade</td>
<td></td>
</tr>
<tr>
<td>The role of the leader</td>
<td>01-06-2015</td>
<td>David Slade</td>
<td>David Slade</td>
<td></td>
</tr>
<tr>
<td>The role of the leader in the market</td>
<td>06-01-2015</td>
<td>Olivia Sansone</td>
<td>Olivia Sansone</td>
<td></td>
</tr>
<tr>
<td>The relationship between urban living and obesity in order to reform effective policy</td>
<td>18-02-2015</td>
<td>Dave Ful</td>
<td>Avi歙u Muhammad</td>
<td></td>
</tr>
</tbody>
</table>
Appalling Data Practices.....

Data Emergencies
Biography

Linda Lawton

Education (5)
You haven't added any education, add some now

Employment (2)
Robert Gordon University, Aberdeen, United Kingdom

Funding (3)
Photocatalytic Biomethanol Production
Engineering and Physical Sciences Research Council (EPSRC, United Kingdom)
Grant number: EP/201169/EK

Projects
Bio-decarbonisation: from cell to tap

Keywords
Text and Colour in Hypercolour High purity decanterイメージ Microscopic images of yeast products Biological Determination of water properties Biochemical analysis

Websites
Google Scholar
ResearchGate
Robert Gordon University
Photo catalytic degradation of eleven micrometric variants and modules by TiO2-coated glass microspheres

A continuous flow packed bed photo catalytic reactor for the destruction of 2-methyl-5-ethylbenzene and gasoline utilizing pelleted TiO2
Theoretical underpinning of passive communal spaces in urban residential developments.

Lessons from Post Occupancy Evaluation and Monitoring of the 1st Certified Passivhaus in Scotland.

RIAS Awards 2012

RIBA Awards 2011
Making Collaboration Work: Application Of A Conceptual Design Stages Protocol For Pre-BIM Stages

Scan To BIM: The Development Of A Clear Workflow For The Incorporation Of Point Clouds Within A BIM Environment

3D laser scan of the Little Cruss area of Bign in Moray, Scotland

Application of interactive surfaces to support computer-aided collaborative design processes
Changes to our practice / workflows in the past 20 months:

• Every request for additional data storage space must be accompanied by a data management plan
• Every non commercial research project to have a DMP
• Every PhD student from Oct 2015 to have an ORCID
• Every research active member of staff to have an ORCID
• Every computing PhD has GIIThubb
• Revision of policy
Potential and actual changes to our practice/workflows in the past 20 months:

• Every request for additional data storage space must be accompanied by a data management plan
• Every PhD student from Oct 2015 to have an ORCID
• Every research active member of staff to have an ORCID
• Squeezing maximum value from ORCID – analysis of research areas – semantic text analysis
• Development of RGU cloud
• Completion of a research data needs assessment
Future questions:

How can small institutions like RGU make sensible, affordable arrangements to meet the regulatory agenda required of us – in proportion to our activity?

How can we squeeze maximum functionality and efficiency out of our system (the ones we already have and the ones we need to get)
If the data you need still exists;
If you found the data you need;
If you understand the data you found;
If you trust the data you understand;
If you can use the data you trust;
Someone did a good job of data management.

Rex Sanders - USGS-Santa Cruz