Reshaping the Library to improve Research Support

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Head Librarian
2012: A new Library organizational model

5 School Libraries + Cross-cutting Working Groups
New roles

A new institutional framework

Vice-President for Infrastructures and Environment

Until April 2015

Vice-President for Strategy and Digital Education

Since May 2015

• Other key relationships
  – Research Office (Vice-President for Scientific Policy)
New priorities

Library

Research

Learning

Innovation

Strategy
Rankings

The Library coordinates the team in charge of providing the data requested by international rankings

Goal: to help define, structure, collect and deliver the data and to improve the university data in the main databases (JCR, Scopus, etc.)

Who: central services librarians + subject librarians
Rankings we participate in
Research Evaluation

**Types of national assessments**

| 6-year assessment for Professors and Associate Professors (civil servant bodies) | Accreditation processes for accessing research/teacher career |

**Goal:** to help researchers provide information about citations, bibliometrics and other quality indicators

**Who:** subject librarians
Data Support

Projects being developed by Madroño

PaGoDa (since 25/02/2015)
✓ Helping researchers create their Data Management Plan for Horizon 2020
✓ Adapted from DMPonline by Digital Curation Centre (UK)

Central data repository
✓ Concept test in Dataverse:

Who: repository managers
Publishing Support: Books

**eArchivo (Institutional Repository)**
- **Goal:** to help researchers create and disseminate their books
- **An example** (2015)
- **Who:** subject librarians

**Directory of Open Access Books**
- **Goal:** to help editors create and feed the book series
- **An example** (since 2014)
- **Who:** repository librarians
Publishing Support: Books

- **eArchivo (Institutional Repository)**
  - An example (2015)

- **Directory of Open Access Books**
  - An example (Since 2014)
Publishing Support: Journals

eRevistas (OJS)

Goal: to help editors manage the publishing workflow

Who: central services librarian + subject librarians

http://e-revistas.uc3m.es
Publishing Support: Journals
Publishing Support: Standard Numbers

ISBN & ISSN

Goal: to request ISBN and ISSN to the Spanish agencies

Who: central services librarian
Projects in collaboration with Research Service

Integration of Activity Research Database (CRIS) and the Institutional Repository (since 2011)

Research Annual Report (since 2012)

Research Portal
Coming soon
Integration of Activity Research Database (CRIS) and the Institutional Repository: Baseline

At the beginning of this project there were two separate Databases

- Activity Research Database managed by the Research Service (CRIS)
- It is a module of the integrated research management system (IAI-Universitas XXI Investigación) (CRIS)

- Managed by the Library
- Institutional Repository (Using DSpace)
Baseline: Activity Research Database (CRIS)

Database of researchers and research at UC3M

It contains research projects, articles in scientific journals, books, book chapters, conferences, working papers, theses, patents, researchers mobility, etc.

Two ways to upload information: the researchers themselves and the administrative offices of the departments

The information was only “informally" reviewed, not “formally” validated
Baseline: Institutional Repository

Institutional Repository of the University

It contains articles in scientific journals, books, book chapters, conferences, working papers, theses ..., with the authorization of the author and the holders of the exploitation rights

Two ways to upload information: the researchers themselves and the librarians

Librarians formally validate all the information contained in the system
Some Problems Identified

- Double entry of Data
- Review of information only in one application
- Two applications of the University with mismatched information
A field is added to the Activity Research Database (CRIS) to include the URIs generated by the Open Archive for persistent links.

The Activity Research Database (CRIS) is adapted to lock the publication once the Library has validated it.

The Activity Research Database (CRIS) is adapted to allow researchers to accept the licenses and to upload the full text of the publication.
Integration of the two Databases

**RESEARCHER**

Loads information in Research Activity Database (CRIS) → Includes full text and accepts licenses → Notifies Library of new activity to be reviewed

**LIBRARY**

Library validates the publication and locks the record → The librarian activates publication in the Institutional Repository → The information is completed in the Institutional Repository

Warning on the CRIS: once the activity is validated it cannot be modified → The URI from the Institutional Repository is submitted into the Research Activity Database (CRIS)
First Outcomes

In July 2011 the Library started to validate the publications

Now, some years later…

<table>
<thead>
<tr>
<th>Years</th>
<th>Number of validated publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-2008</td>
<td>6,721</td>
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<tr>
<td>2009-2010</td>
<td>5,185</td>
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<tr>
<td>2011-2012</td>
<td>4,842</td>
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<tr>
<td>2013-2014</td>
<td>5,646</td>
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<tr>
<td>TOTAL</td>
<td>21,394</td>
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</table>
Advantages for the University Community

As part of this integration project:

Providing quality to the annual research report by verifying the bibliographic information of all the activities of researchers at UC3M.

Fostering visibility by creating automatically web pages for research groups, departments, institutes and individual researchers including their books, book chapters, articles and conference papers (they could link them from wherever they want).

Increasing efficiency by transferring to researchers’ curricula vitae the information about projects in which they are involved.
Other Outcomes

Total records in the Institutional Repository (eArchivo):
18,603 (2015-12-31)
(Scientific Papers, Academic Papers, Ancient Books, Institutional documentation, etc.)

Scientific Papers: 11,210
Records of UC3M journals: 2,415
Other Outcomes: Records Exported

Records exported from the Academic Research Database (IAI)

<table>
<thead>
<tr>
<th>Records by Year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>95</td>
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<tr>
<td>2012</td>
<td>102</td>
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<tr>
<td>2013</td>
<td>229</td>
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<tr>
<td>2014</td>
<td>559</td>
</tr>
<tr>
<td>2015</td>
<td>615</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,595</td>
</tr>
</tbody>
</table>

Records by Document Type

- Scientific Papers: 47%
- Proceedings: 27%
- Book Chapters: 4%
- Working Papers: 2%
- Books: 20%

Records by Year

- 2011: 200
- 2012: 250
- 2013: 300
- 2014: 550
- 2015: 800

TOTAL: 2,000
Some Outcomes: UC3M Award of Excellence

This project won the Award of Excellence by UC3M Social Council in 2013, in the category of Administrative Staff.
The Research Portal at Carlos III University of Madrid aims to provide quick, dynamic and updated access to scientific information and research about:

 ✓ Who is researching on a particular topic?
 ✓ What is being specifically researched by a group / institute / department?

We are implementing the VIVO tool: an "open source" system adapted to the semantic web in which you can import on a scheduled basis all kinds of data related to the research activity (areas or disciplines, professional profiles of researchers, projects, publications, etc.)

We expect to publish it this year
VIVO: Main Features

- It is free
- It easy to set up and update
- It is scalable
- It is compatible with other databases at UC3M
Data Source

- Information contained in the UXXI-IAI Module (CRIS)
- Institutional information from departments
- Research Groups Websites
Limits

Agents or research structures that are active

Research projects are included from 2006 on

Publications and other activities are included from 2008 on

Only publications that have been validated by the Library will be searchable
Added Value

In addition to displaying the data from the CRIS in an open and well structured way, this platform provides added-value services:

1. It provides graphs of co-authorship by each researcher
2. It provides graphs of co-research by each researcher
3. It provides access to the joint research results of the Departments, Institutes and Research Groups
4. It provides a list of active projects per Department, Institute or Research Group
Welcome to UC3M – Research Portal

This project intends to reinforce the promotion of advanced research in accordance with stringent international criteria.

We are providing you with a tool to explore the R+D+i structure across Carlos III University of Madrid, quickly locate experts in a scientific research field and facilitate access to their research outputs.

Our aim is to foster access to scientific and research information that will give quick, dynamic and up to date answer to these 2 questions:

- Who is researching a specific topic?
- What is an expert, group or particular department researching?

We hope that, as well as answering these questions, the UC3M Research Portal will facilitate contact among researchers and will initiate new ways of collaboration.

To start searching, you can select one of the three available tabs: Researchers, Organizations and Outputs; or, if you prefer, enter a word in the search box.

The search results will adhere to the following limits: active Researchers at Carlos III University of Madrid, Projects since 2006 and Publications, Thesis and Patents since 2008.

The data will be updated every three months, so you will need to take the latest update into account to interpret results correctly.
Research Portal
Thank you very much!

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