Managing Research Information

for Researchers and Universities

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Program Officer
OCLC Research

LIBER 40th Annual Conference
30 June 2011, Barcelona

Syllabus:

- Risks for research libraries

- <u>Universities</u> managing research information

- <u>Researchers</u> managing research information

- <u>Libraries</u> managing research information

Risks

for Research Libraries

Risks to research libraries?

Research Libraries, Risk and Systemic Change

James Michalko
Constance Malpas
Arnold Arcolio

OCLC Research

OCLC

A publication of OCLC Research

Our business is at risk

Value Proposition

… a reduced sense of library relevance from below, above, and within

Human Resources

… uncertainties about adequate preparation, adaptability, capacity for leadership in face of change

Durable Goods

… changing value of library collections and space; prices go up, value goes down – accounting doesn't acknowledge the change

Legacy Technology

… managing and maintaining legacy systems is a challenge; replacement parts are hard to find

Intellectual Property

… losing some traditional assets to commercial providers (e.g. Google Books) and failing to assume clear ownership stake in others (e.g. local scholarly outputs)

Challenges for academic libraries in difficult economic times

A guide for senior institutional managers and policy makers

March 2010

research information network

SCONUL

"All our focus group members agreed that they must find ways of doing things differently; and many saw budget cuts as an opportunity to re-think what the library does and what it means.

"But they have as yet few concrete proposals that will transform services or yield large-scale efficiency savings, at least within the bounds of individual universities."

http://www.rin.ac.uk/our-work/using-and-accessing-information-resources/challenges-academic-libraries-difficult-economic-
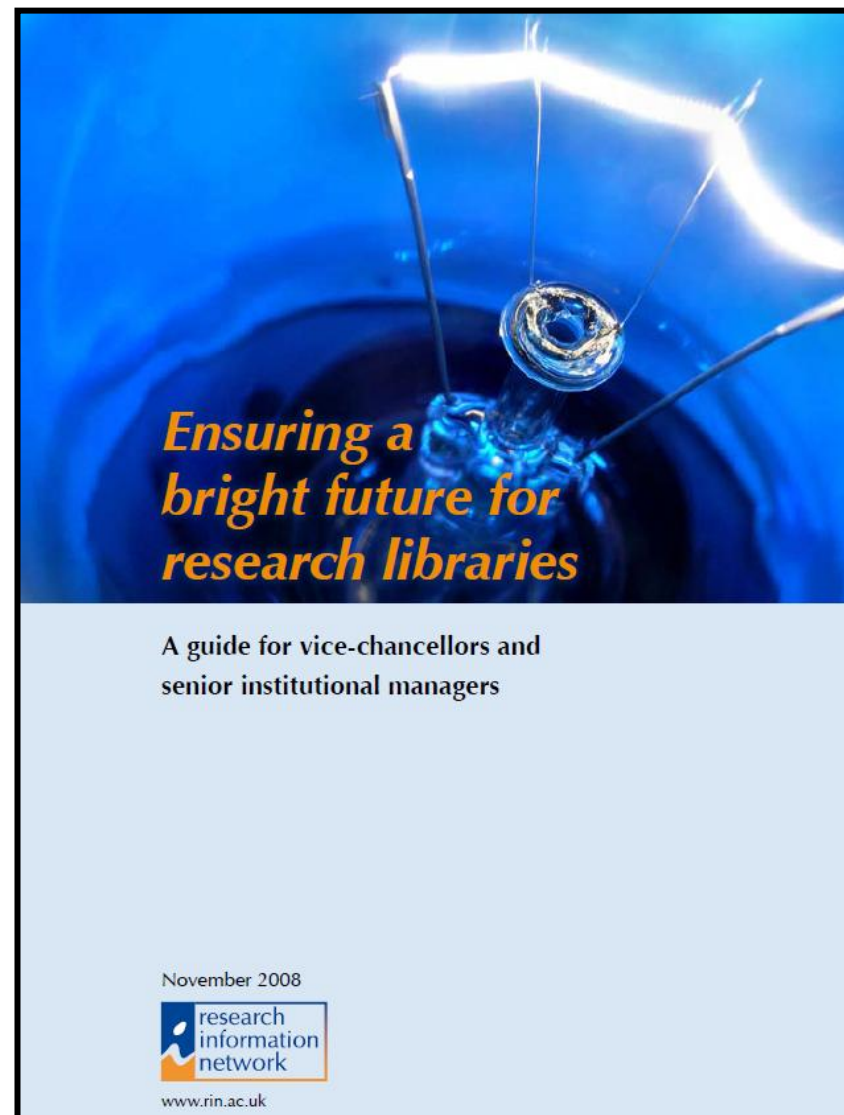
Universities

Managing Research Information

"Ensuring a bright future…"

for vice-chancellors and
senior institutional managers

"a guide to ensure their
library and information services
keep pace with
the evolving needs
of researchers"

www.rin.ac.uk/ensuring-bright-future-libraries

Research Assessment Regimes

A Comparative Review of Research Assessment Regimes in Five Countries and the Role of Libraries in the Research Assessment Process

A Pilot Study Commissioned by OCLC Research

**Prepared by Key Perspectives Ltd
Truro, UK**

OCLC

A publication of OCLC Research

Research Assessment and the Role of the Library

A companion report to *A Comparative Review of Research Assessment Regimes in Five Countries and the Role of Libraries in the Research Assessment Process*

John MacColl
RLG Partnership European Director
OCLC Research

Assessment

Institution
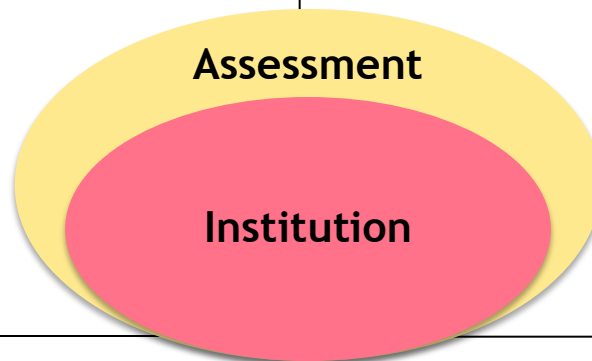
- UK
- Netherlands
- Denmark
- Ireland
- Australia

oclc.org/research/publications/library/2010/2010-01.pdf
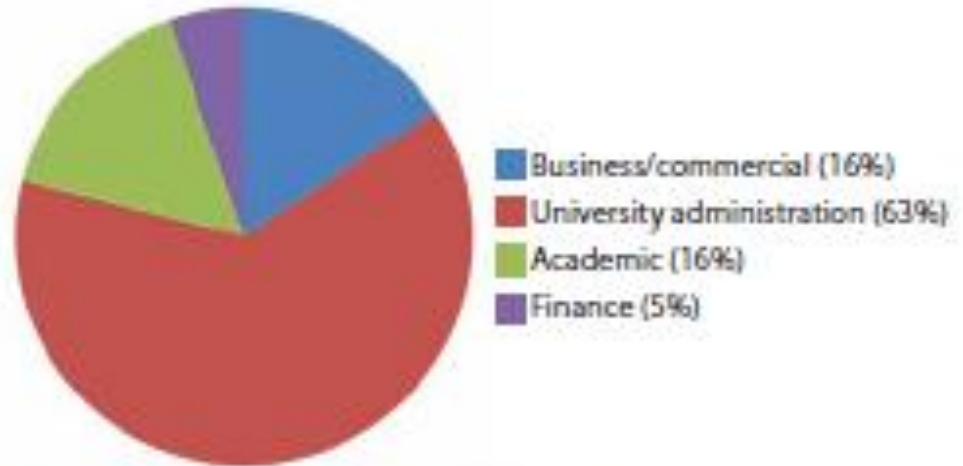
Professionalising Research Management

Professionalising Research Management
John Green and David Langley

FIGURE 13: Preferred background of recruits

- Business/commercial (16%)
- University administration (63%)
- Academic (16%)
- Finance (5%)
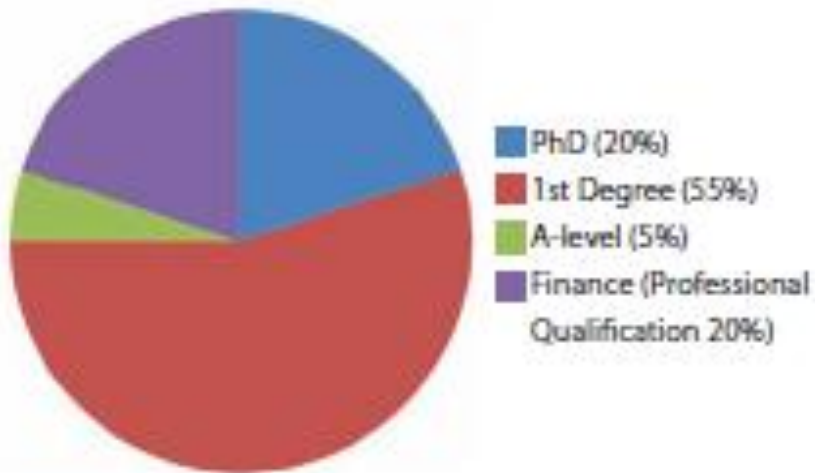
FIGURE 14: Preferred qualifications of recruits

- PhD (20%)
- 1st Degree (55%)
- A-level (5%)
- Finance (Professional Qualification 20%)

Commercial services

Introducing SciVerse

Integrated content and discovery tools - plus productivity applications

Elsevier's SciVerse integrates the familiar, trusted content from ScienceDirect, Sc... websites – with the forward-looking: community-developed applications that enri...

By combining peer-reviewed content with productivity enhancing applications, So... ecosystem that facilitates collaboration, rewards innovation and accelerates scie...
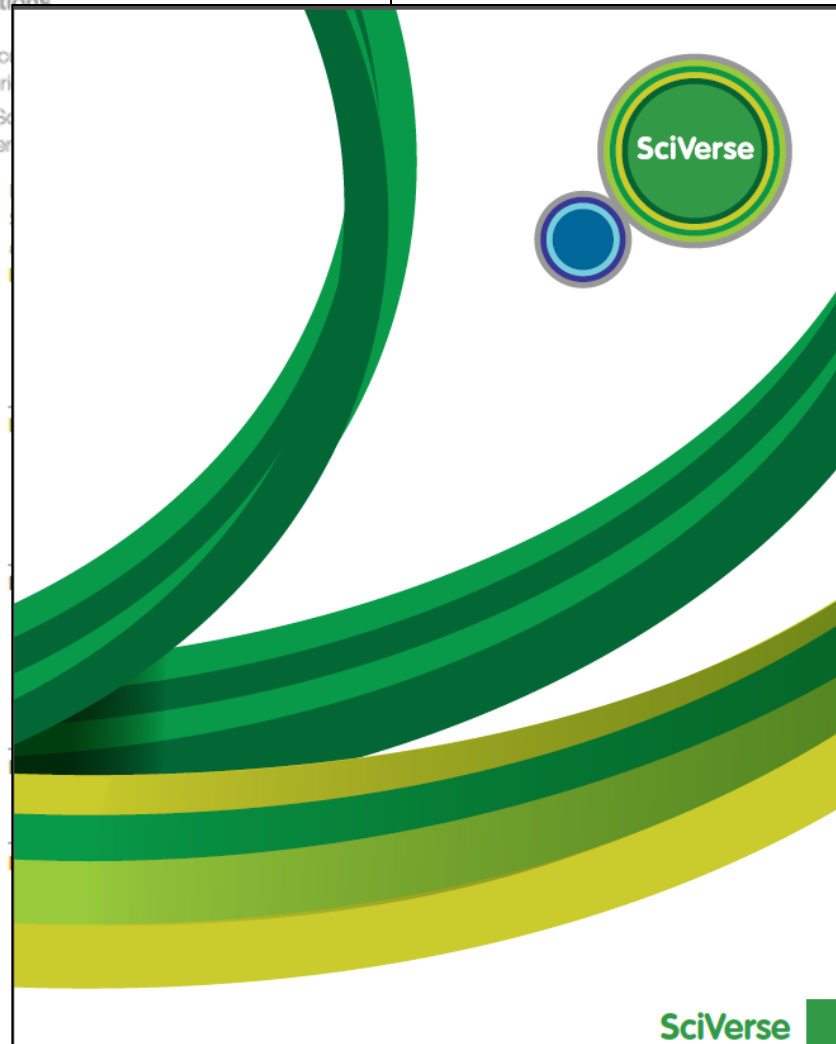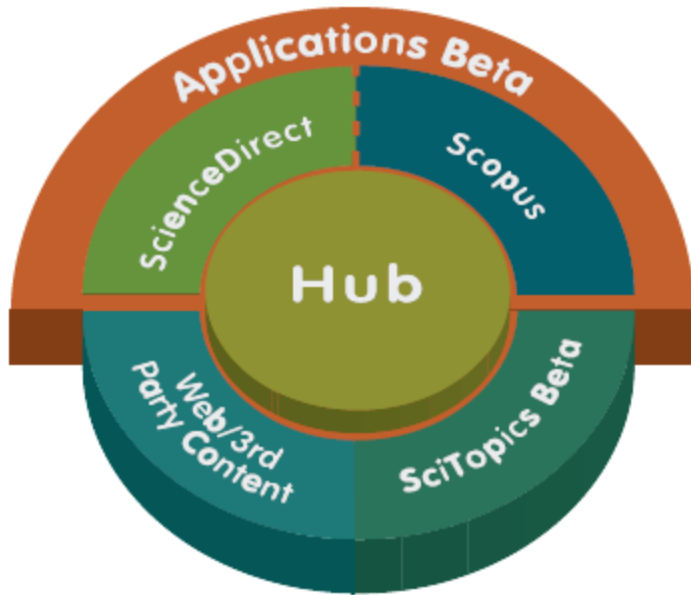
SciVerse is designed to allow researchers to move easily between SciVerse ScienceDirect, SciVerse Scopus, SciVerse SciTopics Beta*, SciVerse Hub Beta and SciVerse Applications Beta* without logging into each individual product.

Researchers

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Researchers' Use of Academic
Libraries and their Services

A report commissioned by the Research
Information Network
Research Libraries

Figure 22: Researchers' identification of core roles for librarians in 5 years' time

http://www.rin.ac.uk/our-work/using-and-accessing-information-resources/researchers-use-academic-libraries-and-their-serv
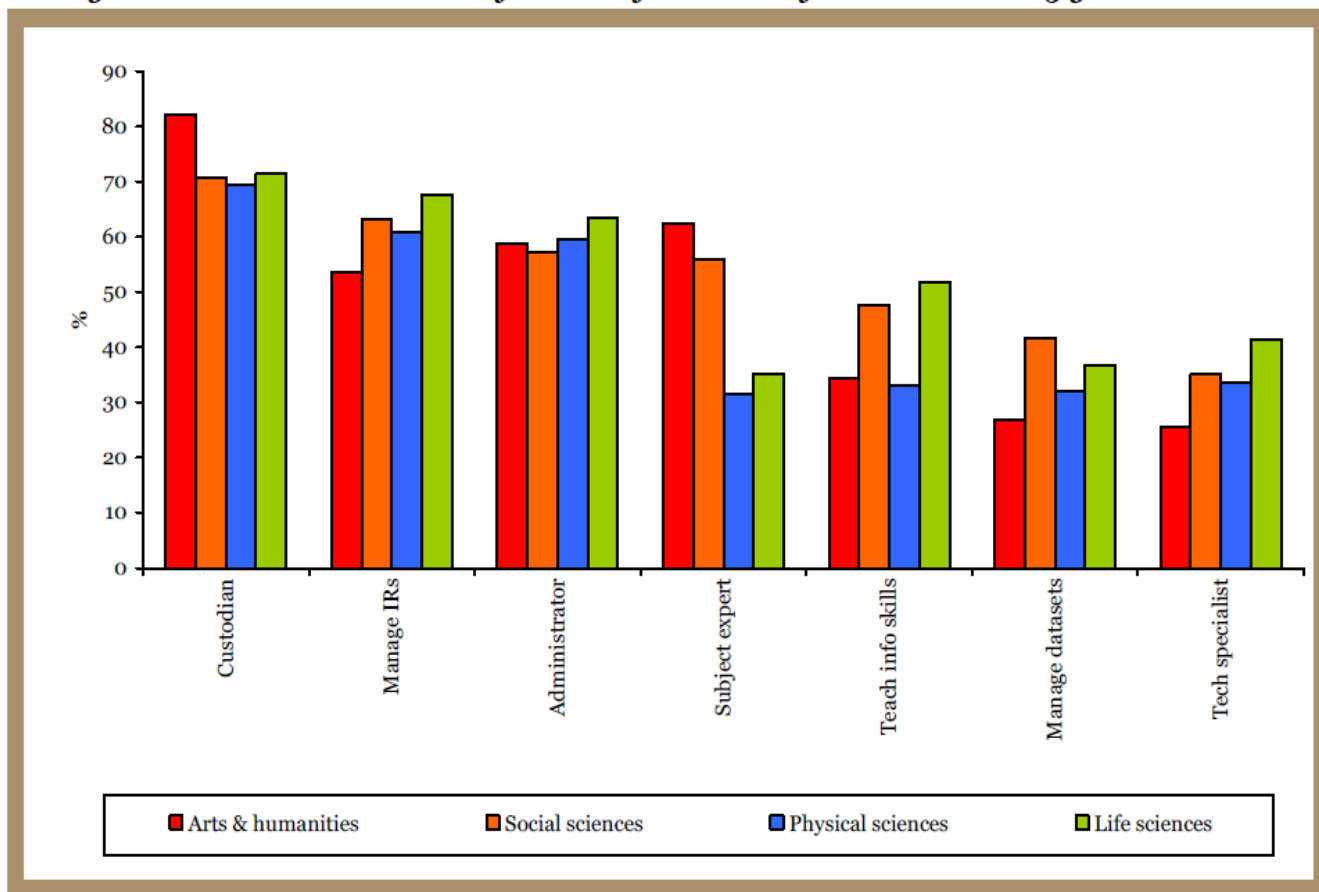
Figure 24: The relative importance of librarians' roles in 5 years time: the views of library directors, other library staff, and researchers (per cent)
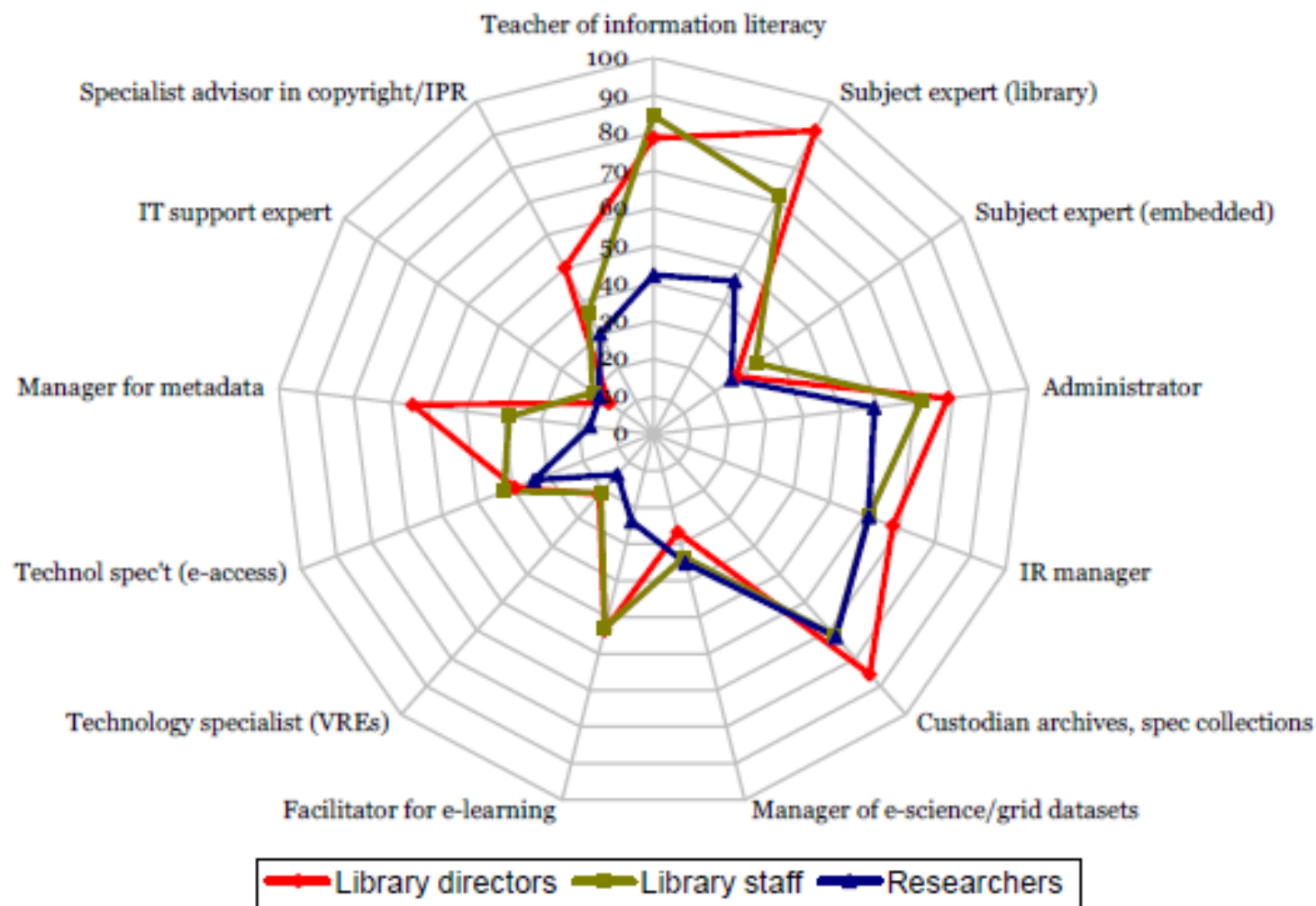
*What Researchers Want (*2011)

(literature study of researchers' requirements for storage and access to research data)
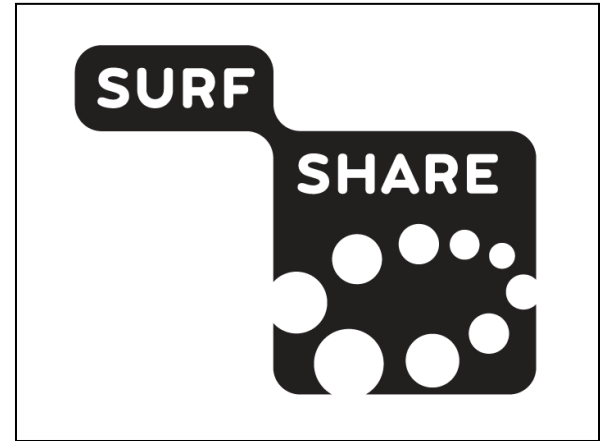
"...The key requirement from most researchers' perspectives is for ___services which are there when they need them, but do not interfere with the creative work___ at the heart of the research process." (Henty, 2008)

A Slice of Research Life:
Information Support for Research in the United States

Cornell
Ohio State
U Washington
Vanderbilt

Research Support Services in UK Universities

A Research Information Network report | October 2010
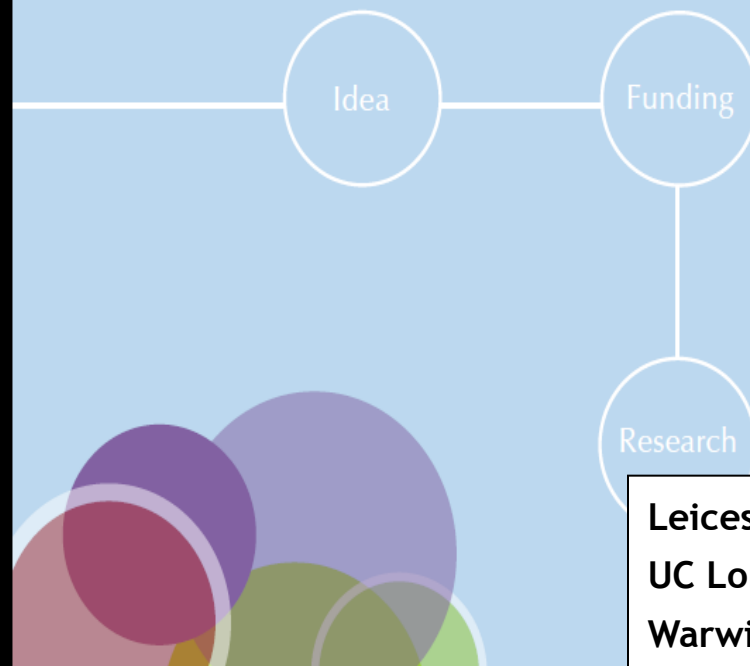
Leicester
UC London
Warwick
York

Supporting Research

Supporting Research:

Environments, Administration and Libraries

John MacColl

European Director, RLG Partnership
OCLC Research

Michael Jubb

Director
Research Information Network
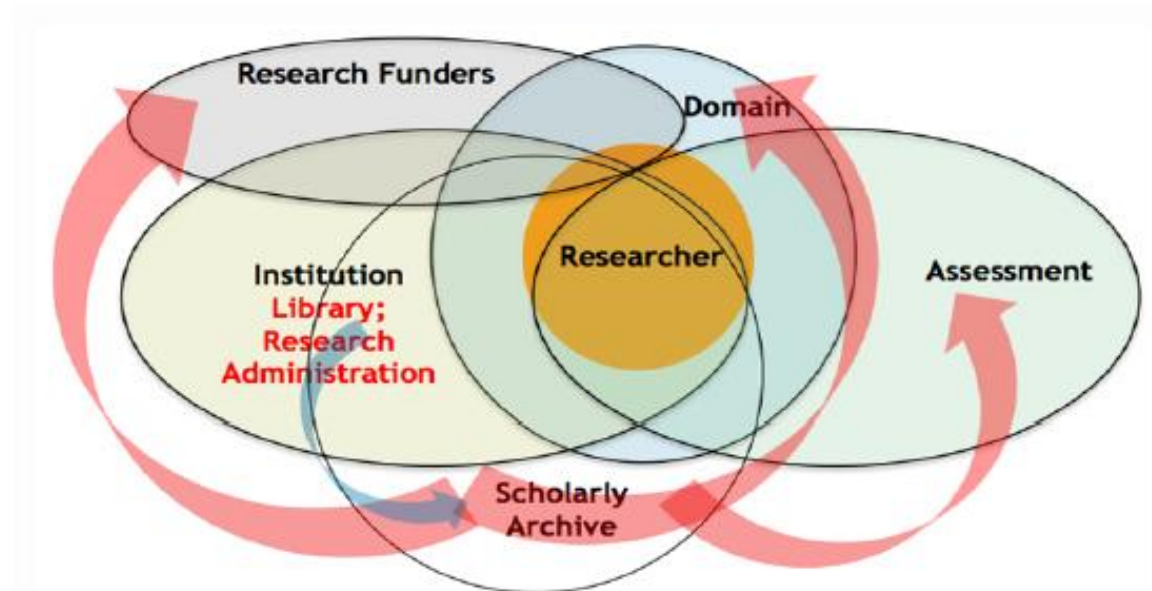
Figure 2. Potential research environments model, showing impact dynamics for a Scholarly Archive environment

OCLC
A publication of OCLC Research

ITHAKA S+R

Faculty Survey 2009:
Key Strategic Insights for
Libraries, Publishers, and Societies

April 7, 2010

Authors:
Roger C. Schonfeld (Manager of Research) & Ross Housewright (Analyst)

"…the academic library is increasingly being ***disintermediated*** from the discovery process…"

Figure 24: Percent of faculty indicating that they "have deposited materials" or "have not deposited materials but are likely to do so" in an institutional, discipline-specific, or multi-disciplinary repository
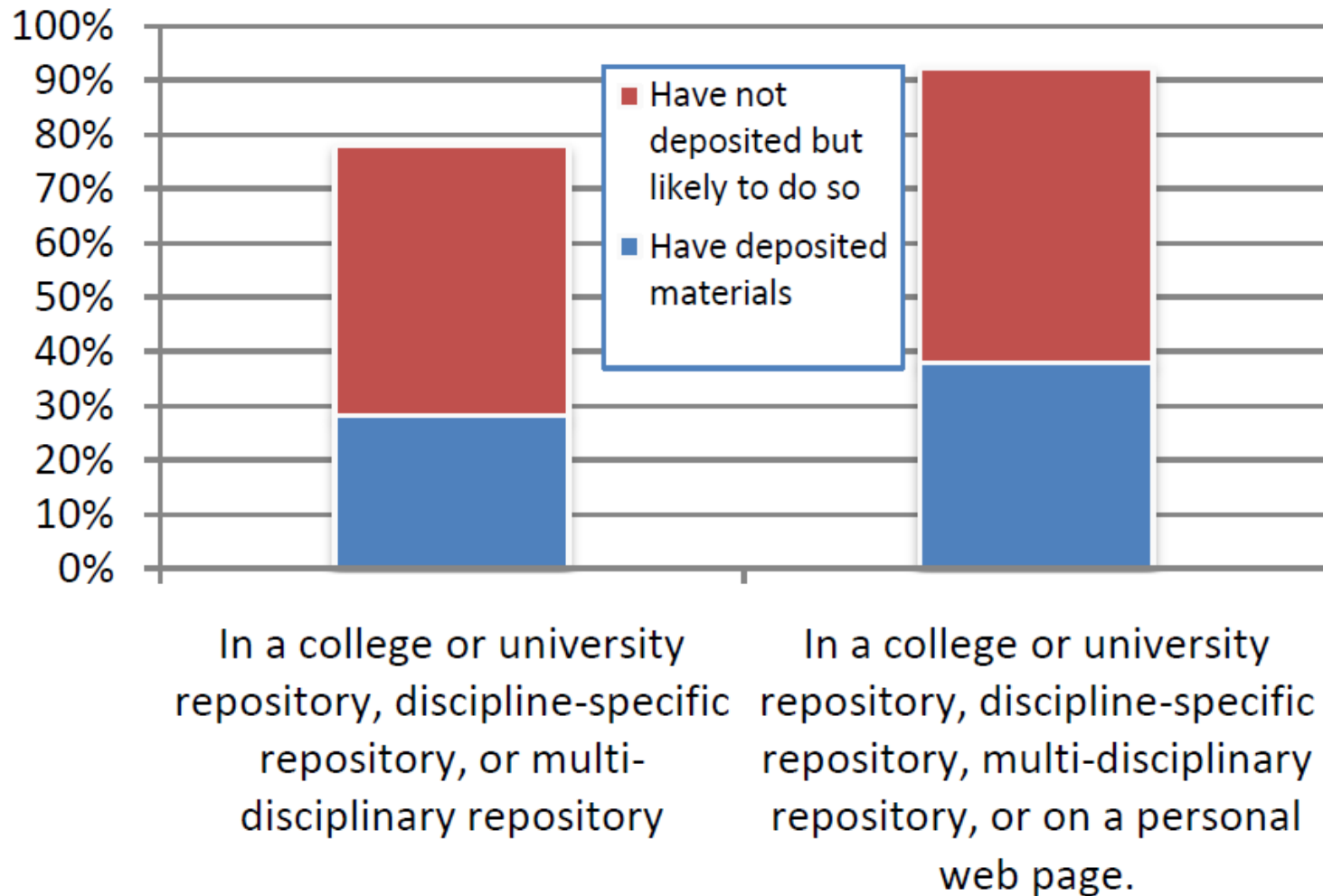
Figure 25: Percent of faculty indicating that they have deposited materials in a repository specific to their discipline, in selected disciplines

URFIST Info
Actualité des sciences de l'information

Accueil | Les
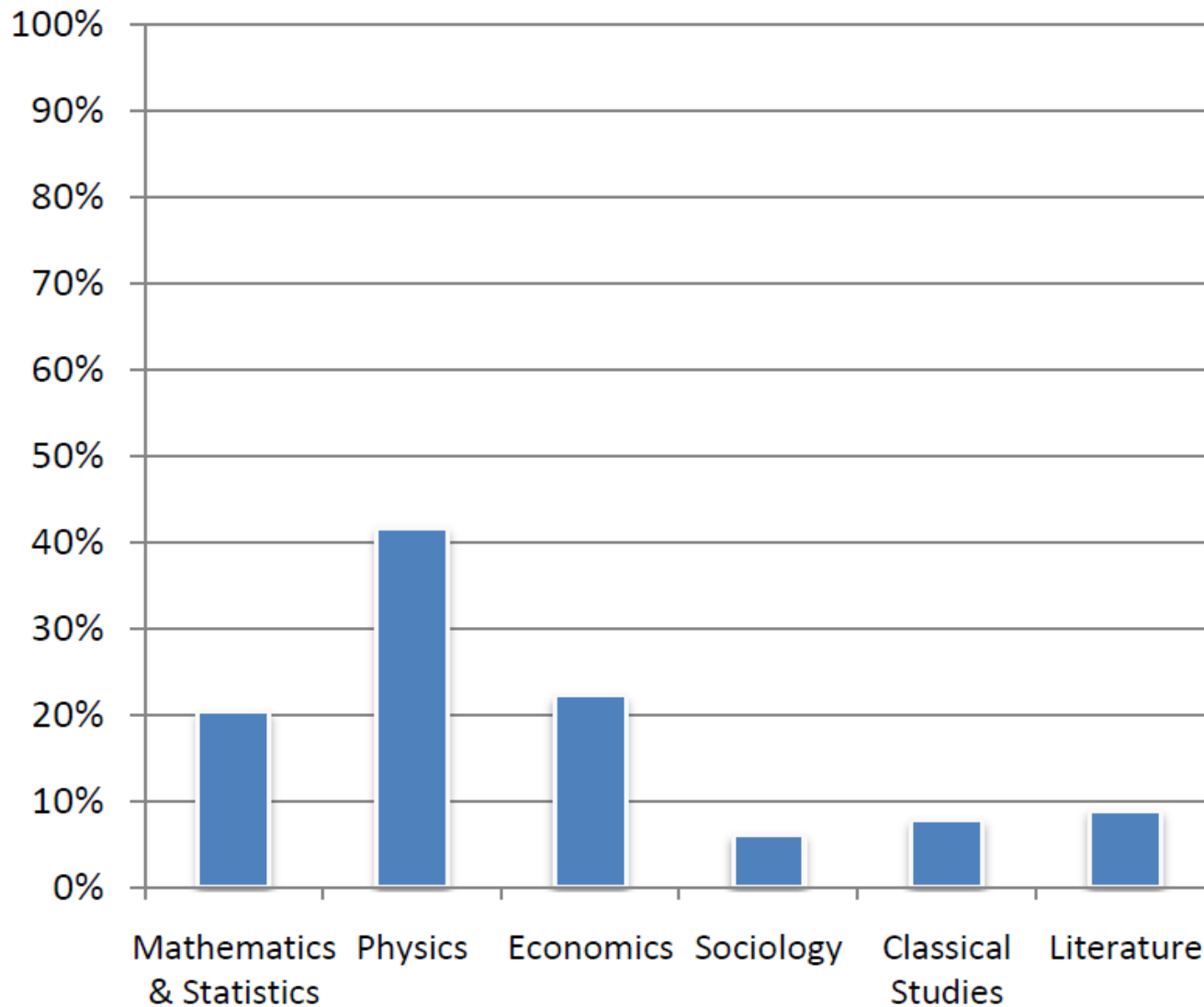
Enquête sur les Pratiques Informationnelles des Chercheurs : Quelques Résultats
📅 4 mars 2011

Le 6 octobre dernier nous vous sollicitons pour participer à une Enquête sur les Pratiques Informationnelles (EPI) des chercheurs lancée par l'Urfist de Nice avec la collaboration du laboratoire I3M. Le questionnaire en ligne a recueilli 681 réponses complètes et 325 incomplètes au 7 janvier 2011. Nous avions choisi d'interroger les chercheurs aussi bien sur leurs pratiques « professionnelles » que sur leurs pratiques informationnelles privées, « culturelles », ce qui rend le questionnaire relativement long (56 questions et une vingtaine de minutes pour y répondre) et dans ces conditions, le nombre de retours nous apparaît plutôt comme un succès (le questionnaire reste accessible ici). Les résultats les plus intéressants devraient apparaître après les croisements de données qui sont en cours mais d'ores et déjà les résultats bruts proposent des constatations intéressantes sur les usages:

- **Importance massive de la documentation numérique**: moins de 20 des répondants consultent plus de documentation papier que de documentation numérique et près de 40% estiment à plus de 75% proportion des documents numériques consultés. Pour près de 78% d'entre eux l'usage professionnel d'Internet dépasse les 2 heures p jour.

- **Faible utilisation des « murs » des bibliothèques** : 66% des répor ne se rendent jamais ou se rendent rarement en bibliothèque universitaire pour leurs recherches.

- **Les bibliothèques** sont d'abord appréhendées plutôt selon leur fon traditionnelle de réservoirs d'information que comme service et lieu médiation. C'est vrai aussi des **bibliothèques numériques**, assez largement utilisées (49%) auxquelles on demande massivement (72 contenu en masse plutôt que de la sélection (23%).

- **Très faible utilisation des outils numériques spécifiques**, en partic les outils de mémorisation en ligne (moins de 5%), les fils de syndic (moins de 17%), les réseaux sociaux spécialisés…

- **Utilisation massive des outils Internet « grand public »**: Google (Wikipédia (70%, dont 47% dans un cadre académique) voire Faceb (34%). Une mention spéciale pour Google Scholar utilisé par 45% d répondants.

Ce qui semble apparaître ainsi c'est la coexistence entre un impact important du numérique et un certain conservatisme des pratiques et des conceptions. Les

http://urfistinfo.hypotheses.org/1901

62% of respondents did <u>not</u> file their scientific output in an open archive
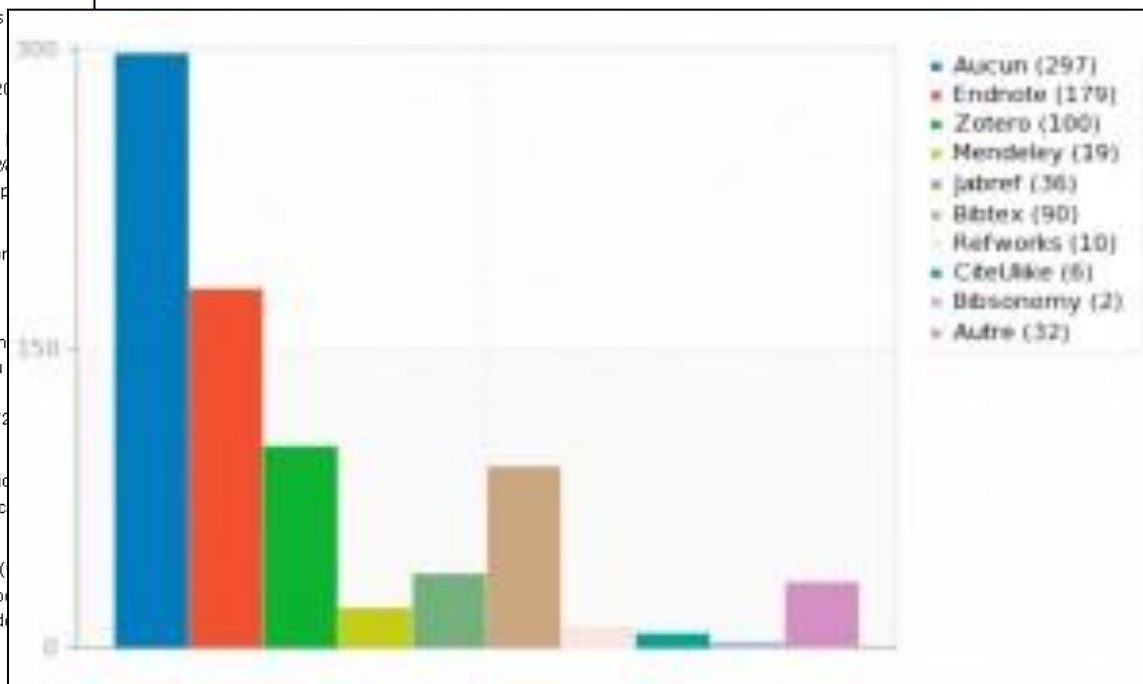
- Aucun (297)
- Endnote (179)
- Zotero (100)
- Mendeley (19)
- jabref (36)
- Bibtex (90)
- Refworks (10)
- CiteUlike (6)
- Bibsonomy (2)
- Autre (32)

Managing Research Information
LIBER 30 June, 2011

Assessing the Future
LANDSCAPE
of Scholarly Communication

An Exploration of Faculty Values and Needs in Seven Disciplines

CHAPTER 1: OVERVIEW, FINDINGS, AND CONCLUSIONS

http://escholarship.org/uc/item/0kr8s78v

Diane Harley, Sophia Krzys Acord, Sarah Earl-Novell,

An Exploration of Faculty Values and Needs in Seven Disciplines

"… our findings suggest that enthusiasm for the development and adoption of technology should not be conflated with the hard reality of tenure and promotion requirements …

"Experiments in new genres of scholarship and dissemination are occurring in every field, but they are taking place within the context of relatively conservative value and reward systems that have the practice of peer review at their core."

UK case studies – what motivates researchers?
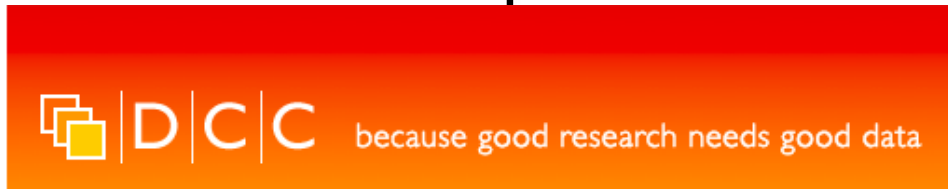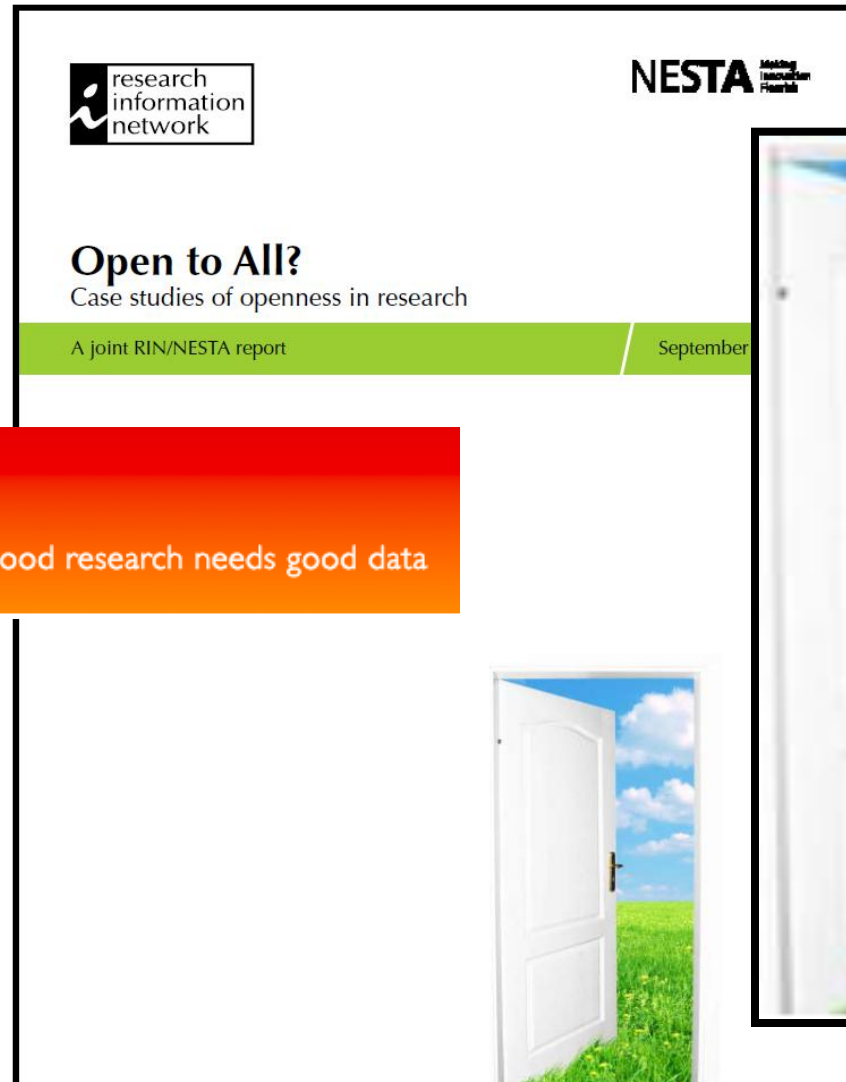
research information network

NESTA

Open to All?
Case studies of openness in research

A joint RIN/NESTA report   September

DCC because good research needs good data

D|C|C

Data Dimensions: Disciplinary Differences in Research Data Sharing, Reuse and Long term Viability

A comparative review based on sixteen case studies

Key Perspectives Ltd

With a foreword and recommendations by Chris Rusbridge and Liz Lyon

http://www.dcc.ac.uk/sites/default/files/documents/publications/SCARP-Synthesis.pdf

http://www.parse-insight.eu/downloads/PARSE-Insight_D3-6_InsightReport.pdf

Insight into digital preservation of research output in Europe

PARSE insight
Permanent Access to the Records of Science in Europe

SEVENTH FRAMEWORK PROGRAMME

Insight Report

Patterns of information use and exchange:
case studies of researchers in the life sciences

A report by the Research Information Network and the British Library

November 2009

"There is a significant gap between how researchers behave and the policies and strategies of funders and service providers."

http://www.rin.ac.uk/

Managing Research Information
LIBER   30 June, 2011

OCLC Research

http://www.rin.ac.uk/our-work/using-and-accessing-information-resources/information-use-case-studies-humanities

Reinventing research?
Information practices
in the humanities

>>>

research
information
network

- Speed and convenience
- Use whatever works
- Simplify and accelerate
- Digital deterrent?
- Hybrid researchers
- Frustration about lack of linking and incomplete digital archives
- Domain specialists development services

Libraries

Managing Research Information

Value

"the value of any library is inextricably linked to the values of the university"

The value of libraries for research and researchers

A RIN and RLUK report — March 2011

RLUK Research Libraries UK

research information network

LIBER and OCLC Research

Exploring Library Roles in Data Curation in the Humanities and Social Sciences

Interim Report

The OCLC Research Library Partnership & LIBER

January 2011
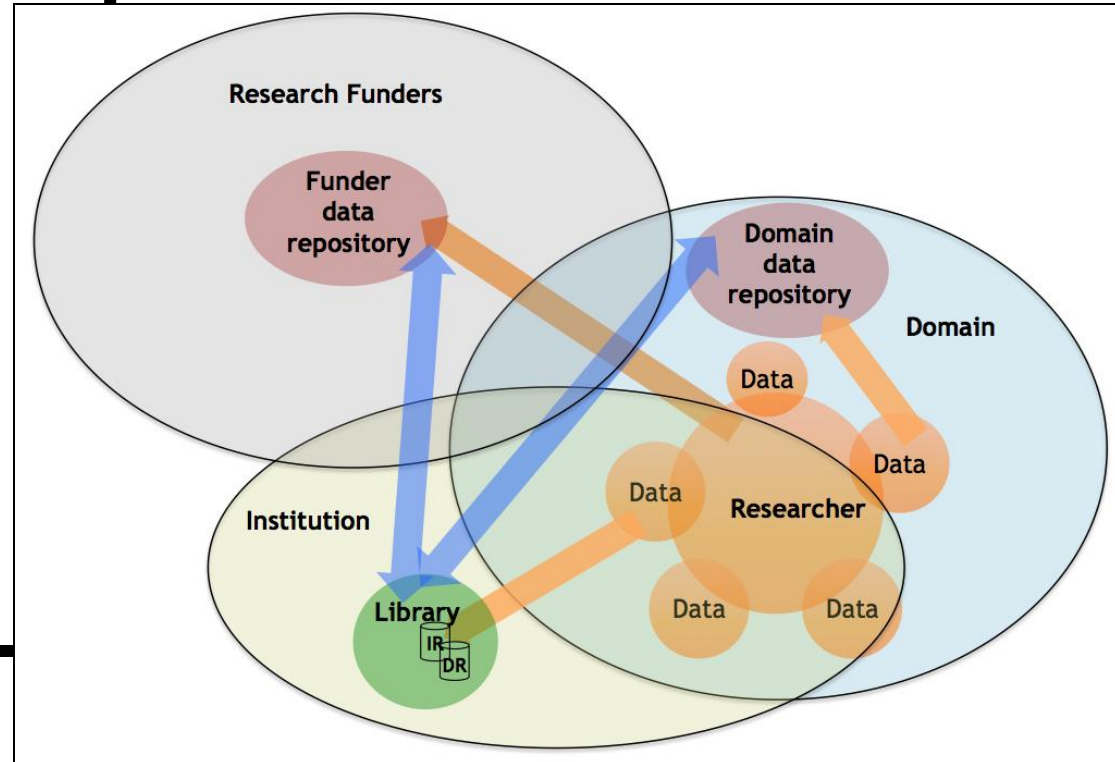
Denmark's Electronic Research Library (DEFF):

*The Future of Research
and the Research Library*

The Future of Reseach
and the Research Library

Pondering…

Managing Research Information

Gaps?

Infrastructure?

- Discipline-specific support, when desired?
- Discipline-specific repository provision, where needed?
- Name-disambiguation?
- Registries and terminologies?
- Metadata guardian/broker?

Tools and services?

- Pandora for articles?
- Scanning and OCR for lab notebooks?
- Data guru?
- Updating web pages...(blah)?
- Institute or cafeteria of research support services?

researcher
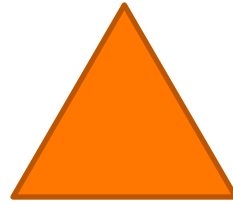
discipline   **university**

institution / individual
administrative support / scholarly support
institution-centered / discipline-centered
centralized / decentralized universities
services used / services desired
scientific / professional personas

shared / bespoke / duplicative services
funding structures and sources

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Thanks to John MacColl, Ricky Erway, Susan Kroll Rick Forsman, Ian Rowlands, Michael Jubb, Jim Michalko, Constance Malpas and my colleagues in OCLC Research.

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