# COLLECTION DEVELOPMENT AND MANAGEMENT

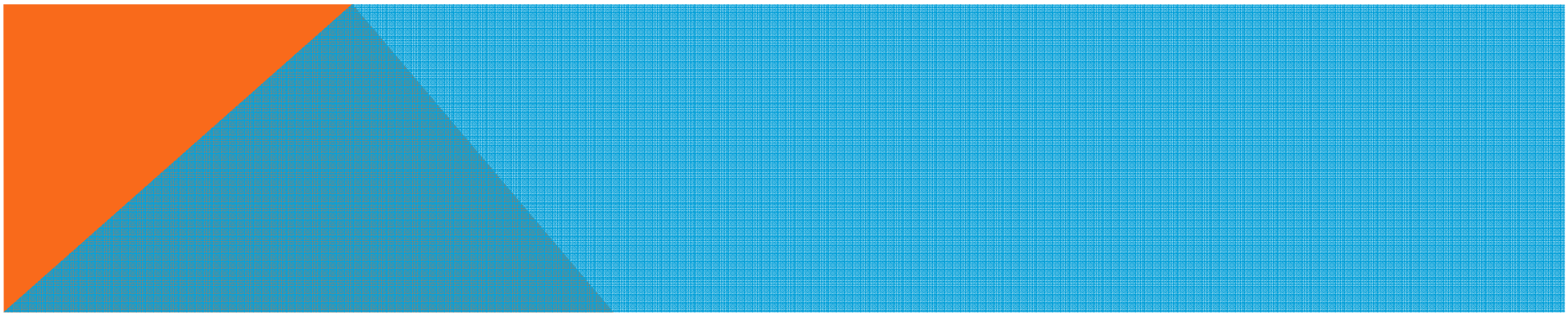
22 JULY 2011

MARGUERITE NEL

# INTRODUCTION

"Those involved in the academic library profession
are living in exciting times.
It is not just the speed of change
which provides the excitement,
but the recognition that we can make
a significant contribution
to the progress of the academic community…
We need to embrace innovation and learn how to learn,
as the organisations we work for
have to learn how to change"

Katsirikou and Sefertzi (2000: 705)



# OVERVIEW

Collection development

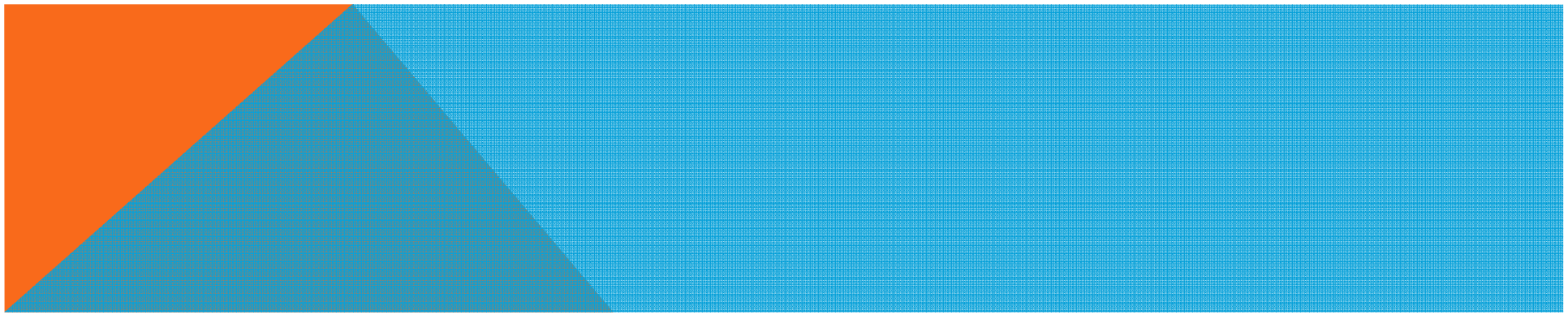
University of California, Davis

Collaboration

California Digital Library

Data management and data curation

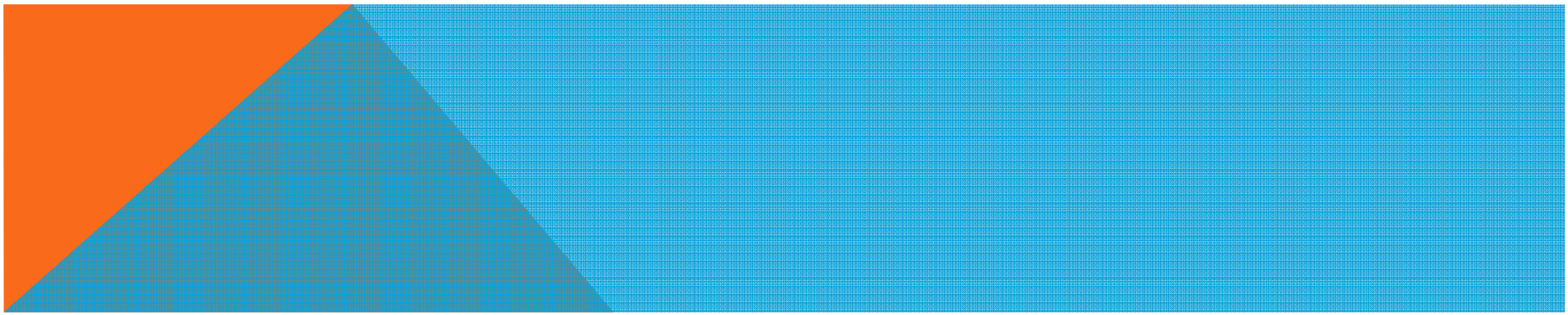
The future



# COLLECTION DEVELOPMENT

"The planned purchase of materials in various formats
to match the instructional and research needs of the campus
within the current fiscal environment and
resource sharing opportunities
The heart of a library is its collections:
The buildings house them;
the library personnel acquire and manage them
and teach users how best to access and use them."

University of Colorado at Boulder



# MEASUREMENTS OF A COLLECTION

Range and depth of holdings

Currency and historic value

Sustainability

Level

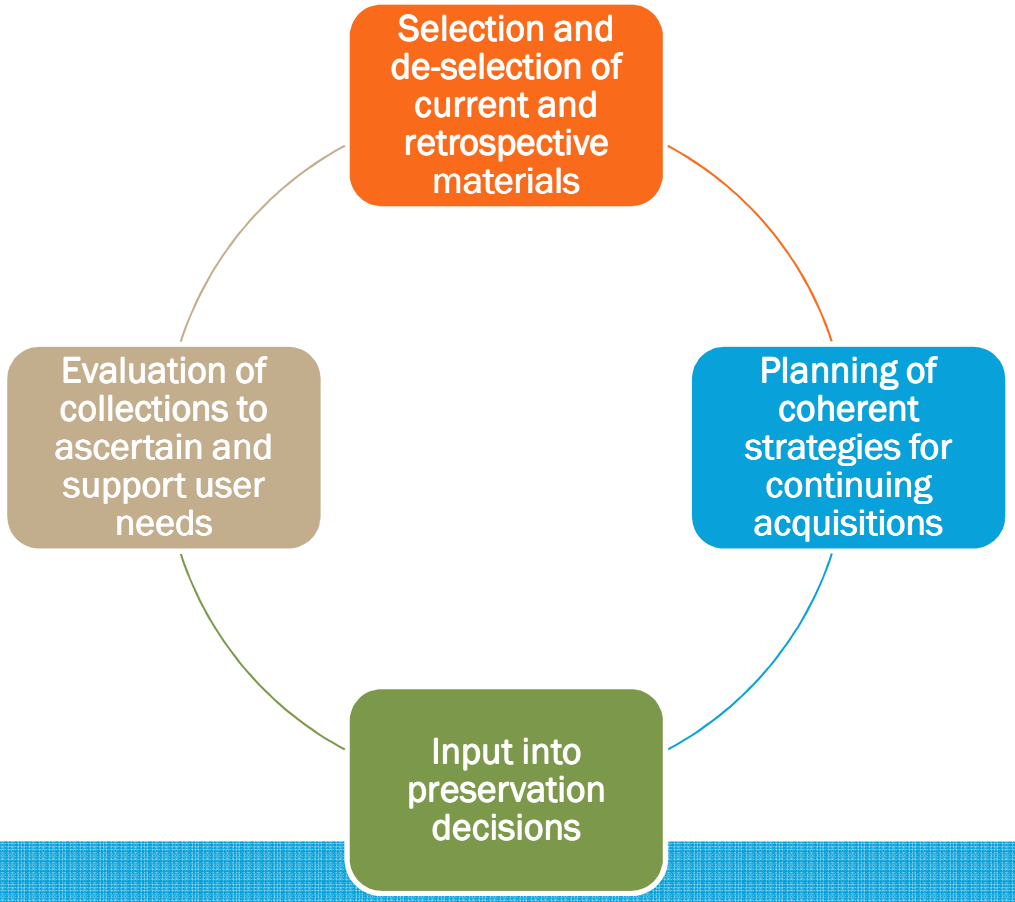
Lengthy journal runs

Completeness of series

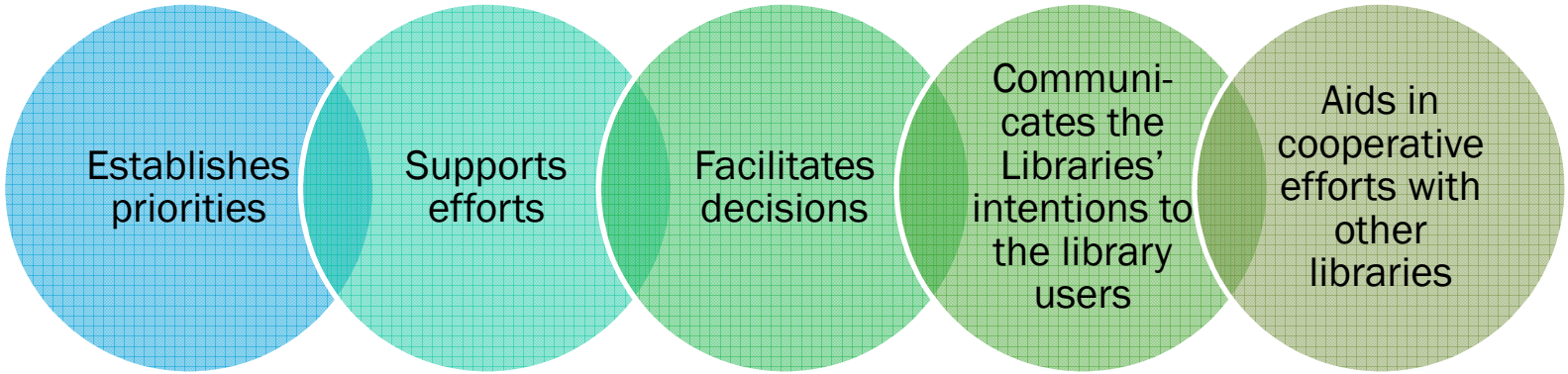
Extensive electronic archives

ALL supported by **powerful discovery tools** and effective **document supply services**

# PROCESSES OF COLLECTION DEVELOPMENT



# COLLECTION DEVELOPMENT POLICY



# COLLECTION DEVELOPMENT TO SUPPORT RESEARCHERS

Researchers need to have access to all the information resources that support their information needs

Collection management activities should recognise and accommodate diversity and change

Need to consider the information universe from the perspective of our users

# SOME SPECIFIC PROBLEMS

Increasing volume of published material – decreased budgets – libraries finding it more difficult to maintain collections

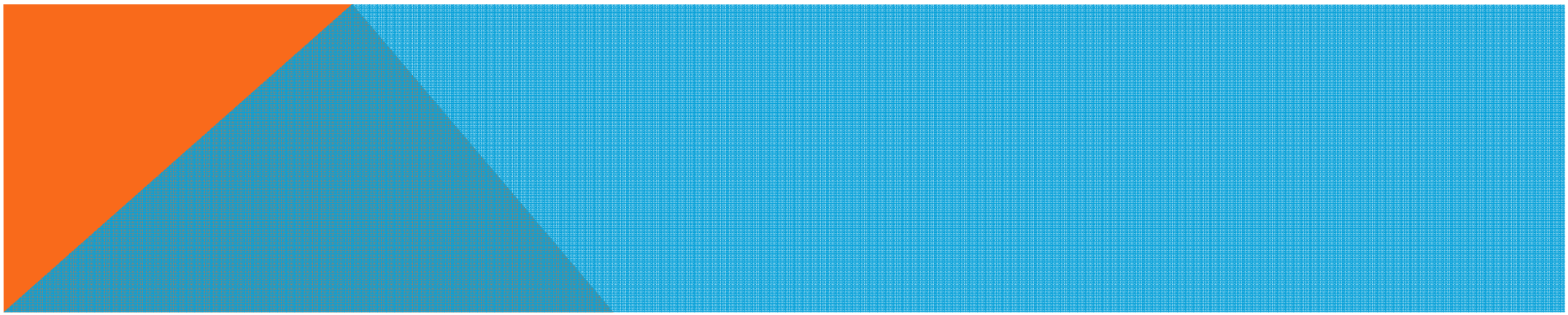
Users want physical space

Shift from library holdings to access – still need to maintain holdings somewhere

Need to preserve non-print materials

Management and collection of grey literature

Special collections and archives



# KEY DRIVERS FOR SERVICE INNOVATION

Insufficient resources – budgets and physical space

Need to promote and exploit the resources which are available, making them accessible to users

New methods: Patron driven acquisitions?

Potential offered by technology and collaboration

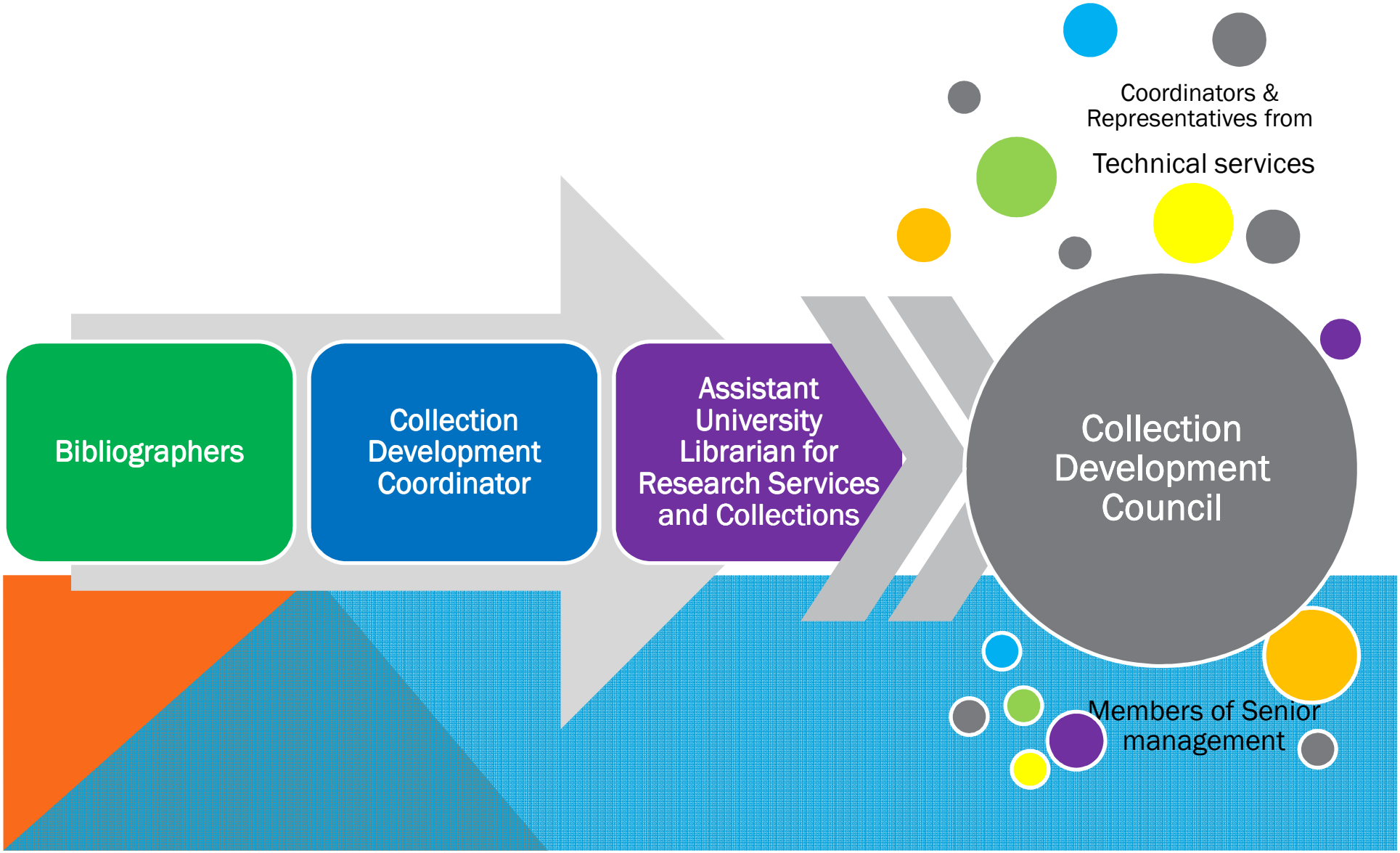
# UNIVERSITY OF CALIFORNIA, DAVIS

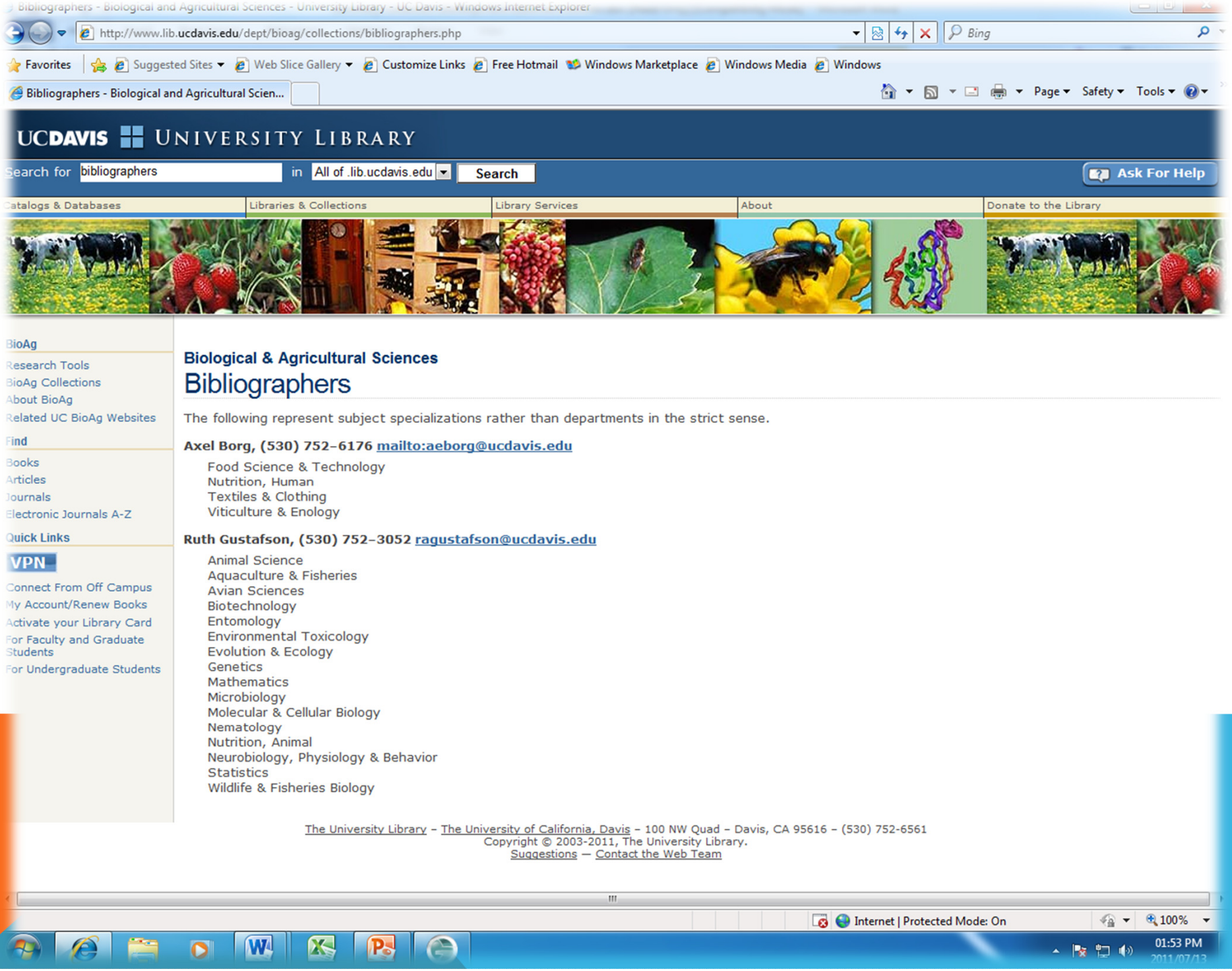
Collection management practices

# COLLECTION PROFILES

- Biological & Agricultural Sciences
- Humanities/Social Sciences
- Physical Sciences & Engineering
- Health Sciences & Veterinary Science
- Government Information & Maps
- Special Collections

# STRUCTURE OF COLLECTION DEVELOPMENT

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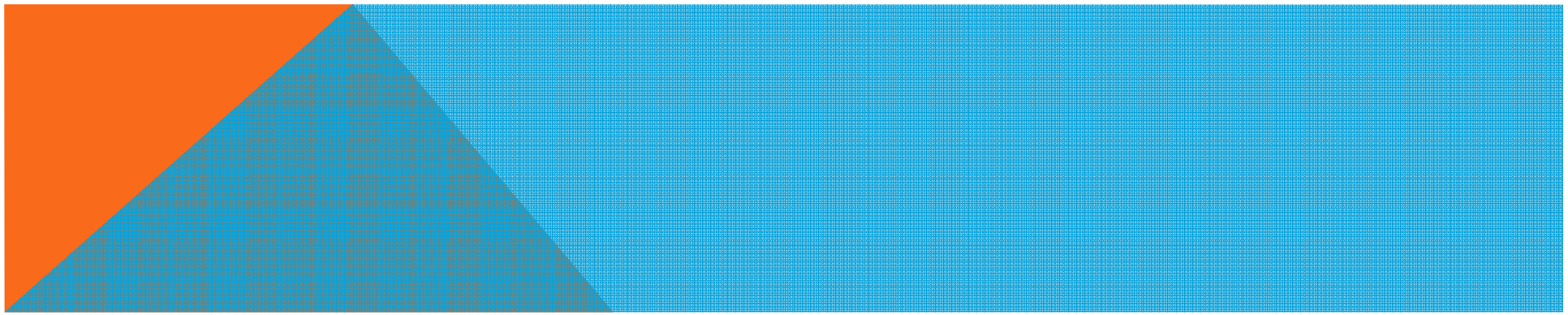
# COLLECTION MAINTENANCE

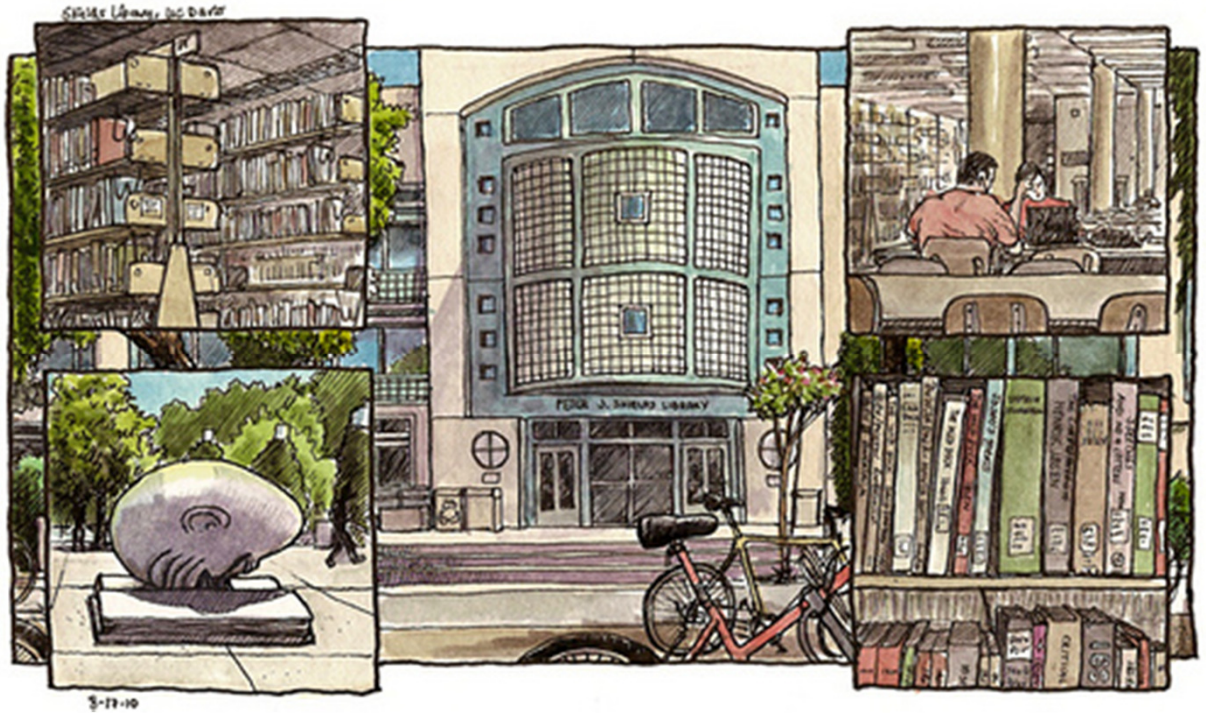
Assistance of access services staff, and the preservation unit

Criteria:

- availability of a more current edition
- condition of the item
- relevance to the scope and needs of UC Davis academic programs



# THE COLLECTION BUDGET



# GIFT ACCEPTANCE


A written policy for accepting gifts

Accepts all unsolicited gifts

Factors preventing the addition of donated materials:

- duplication
- absence of research support
- questionable durability
- other

# PHYSICAL SPACE

Collection development -more about access than actual ownership

Shrinking physical collection

System-wide collaboration and resource sharing

Off site storage of books and other information sources

- Northern Regional Library Facility (NRLF)
- Library Annex

# CRITERIA FOR SENDING ITEMS TO NRLF

Discipline

Age of the title

Publishing country

Number of copies on shelf

# E-BOOKS

Packages

Single title purchases

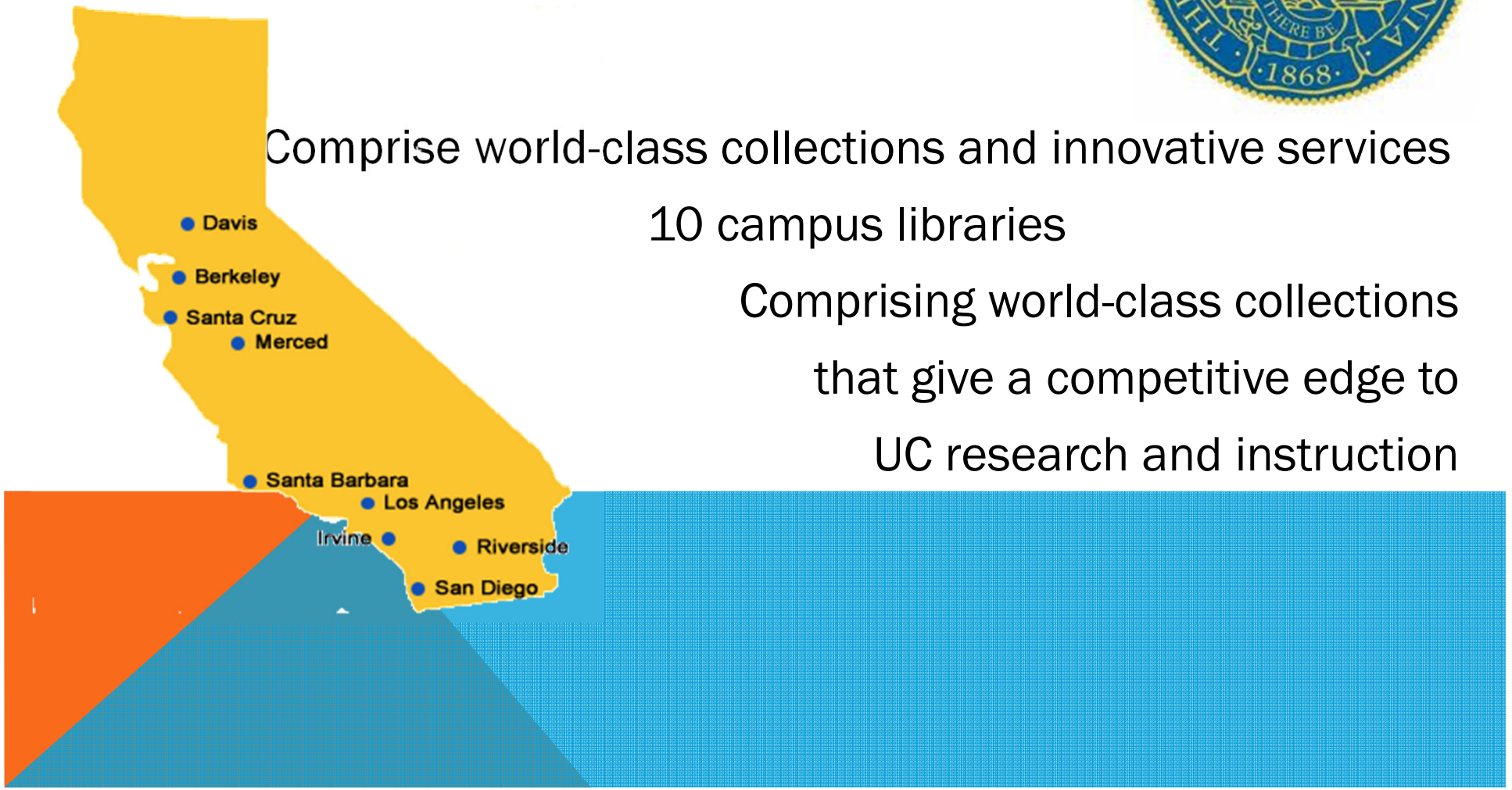
Challenge:

- how to handle the variety of delivery options for e-books

# COLLABORATION

## Shared Collections and Access Program

# THE UNIVERSITY OF CALIFORNIA LIBRARIES




Comprise world-class collections and innovative services

10 campus libraries

Comprising world-class collections

that give a competitive edge to

UC research and instruction

# CALIFORNIA DIGITAL LIBRARY (CDL)

Oversees and coordinates shared library collections on behalf of the ten University of California (UC) campuses

Acquires scholarly content

Digital Special Collections

Manages UC's mass digitization efforts

Organizes and supports shared physical library collections

Responsible for the system-wide negotiation and licensing of shared digital materials for the UC libraries

# BENEFITS OF LIBRARY COLLABORATION

Shared facilities (NRLF and SRLF)

Integrated services (Melvyl Catalog )

Shared licensed collections

Digital collections

Data management

Scholarly communication

Applied research and expertise

# DATA MANAGEMENT AND CURATION

"...if librarians are going to be relevant in the age of Google and Google Scholar, they need to move beyond the document and facilitate access to the increasing amounts of data being made available on the web. ..." (Stuart, 2010)

# *e*SCIENCE AND RESEARCH DATA

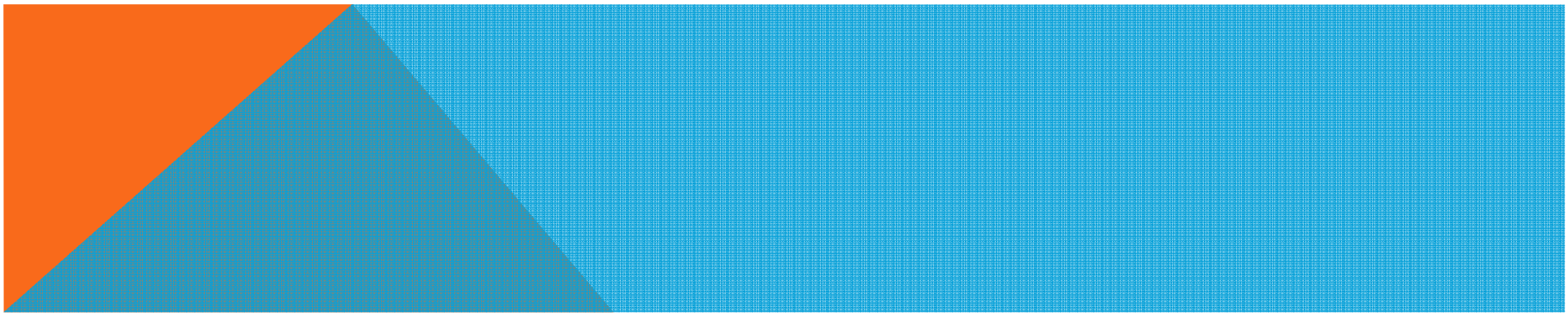
"**eScience**" - ...envisioning how scientific research will be conducted in a (possibly very near) future... It will evolve around several aspects among which are:

An explosion of data, which will reside online.

It will need to be stored, preserved, managed and accessed as needed from any place, at any time, by anyone

- New communication possibilities through powerful grid networks
- Interconnectedness and collaboration among researchers (ACRL, 2011)

**Research data** is often defined as the information (e.g. data sets, microarray, numerical data, clinical trial information, textual records, images, sound, etc.) generated or used as quantitative evidence in primary biomedical research. This research data is distinguished by the fact that it is accepted by the research community as a means to validate research findings, observations and hypotheses

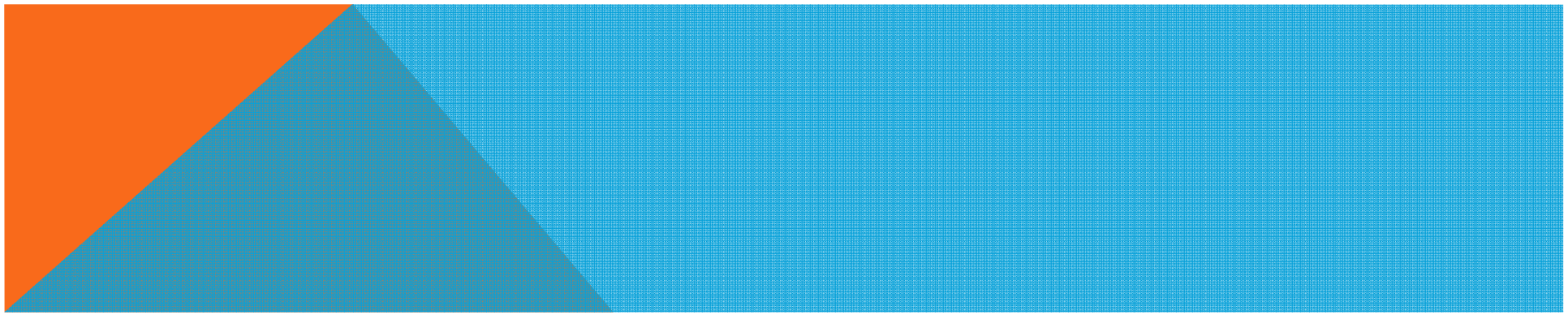


# DATA MANAGEMENT AND CURATION

Data management is a process of ensuring the accuracy, accessibility, security and storage of data and digital files; its archival aspect is often called data curation. In fulfilling their curatorial and preservation responsibilities, academic libraries can take more responsibility for coordinating data management and be part of making this data available for analysis and study.

"...data curation is the active and on-going management of data through its lifecycle of interest and usefulness to scholarship, science, and education; curation activities enable data discovery and retrieval, maintain quality, add value, and provide for re-use over time..."

(Choudury, 2010)



# DATA MANAGEMENT AND CREATION

Scott Brandt (Purdue)

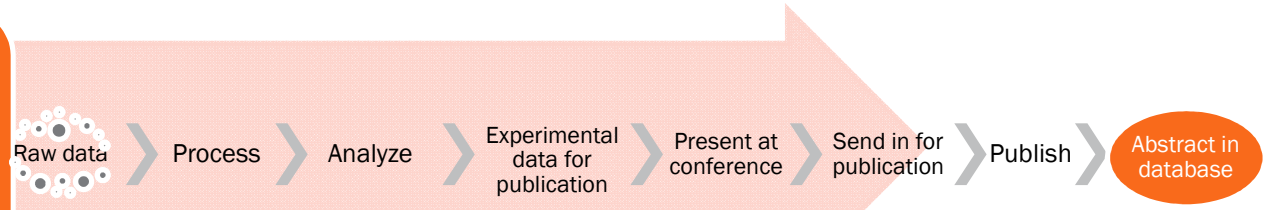
Three years of investigating data management

No solutions to handle the data yet

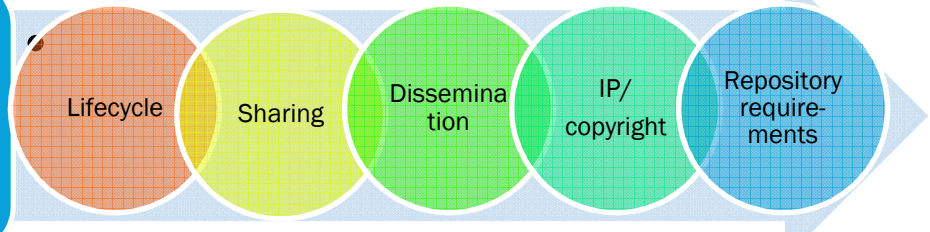
Toolkit to gather data through interviews
(http://www.DataCurationProfiles.org )

# PURDUE'S 3 STEPS TO DATA MANAGEMENT

**Understand the stages researchers are going through with data**




**Negotiation (data curation)**




**Ingest the data**

- Institutional Repositories
- Part of a research article
- Data supplement

# THE FUTURE...

(POSSIBLY VERY NEAR?)

# IMPACT ON INFORMATION SPECIALISTS

Collaboration, communication and partnerships

- Different departments and units
- Faculty
- Profession
- Industry
- Other libraries / institutes
- International

Providers of Access

ALL formats  of material

Non-traditional collections: grey literature, special collections and university archives, preservation of objects (in collections)

Data curation and data management

# IMPACT ON TECHNICAL SERVICES

Changing cataloguing profession

Impact of shelve-ready purchases

New roles, skills, partnerships

Impact of technology

# IMPACT ON INTER LIBRARY LOANS

ILL and acquisitions

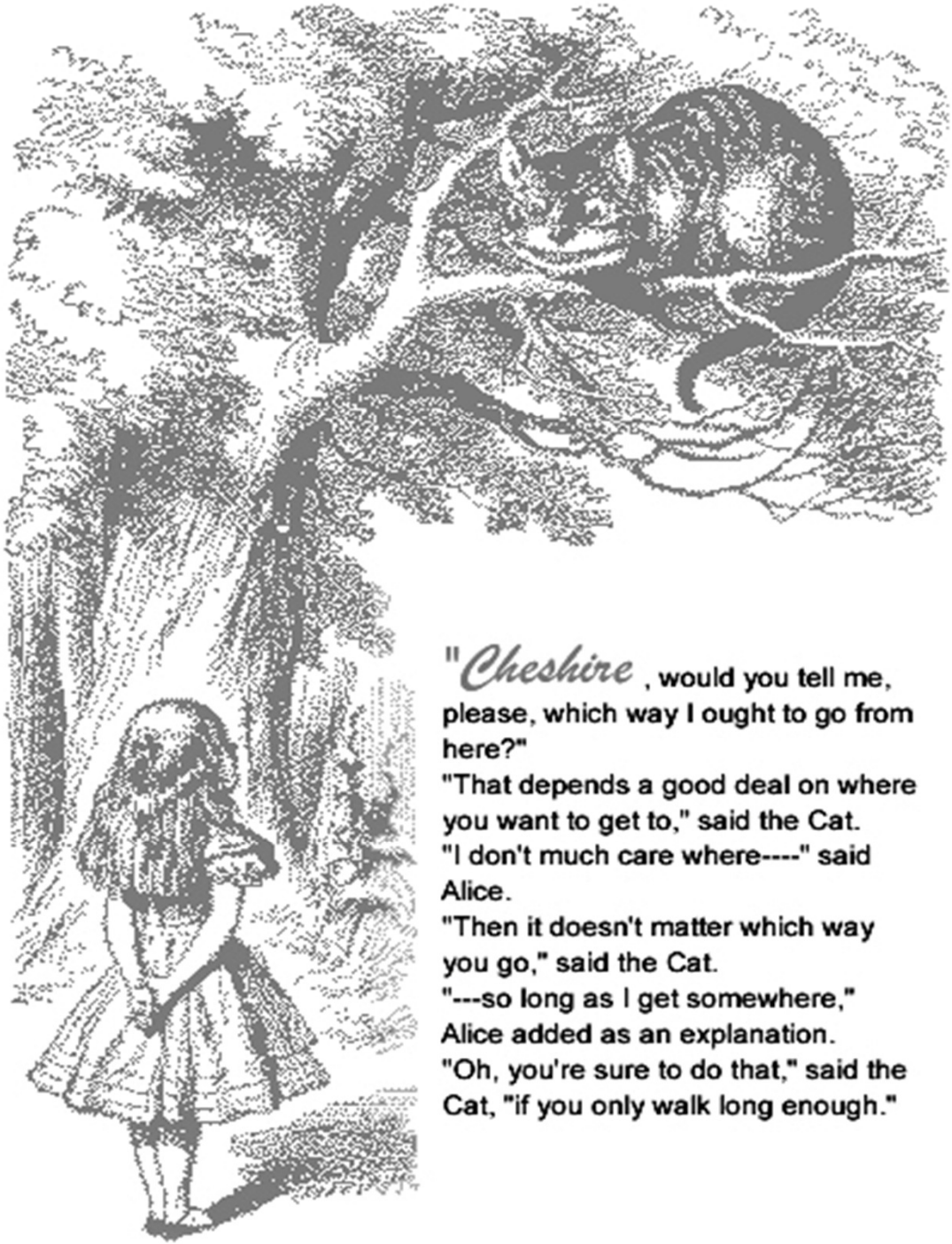
Skills to discover all kinds

of information

– from everywhere

Time

# CONCLUSION



"*Cheshire*, would you tell me, please, which way I ought to go from here?"
"That depends a good deal on where you want to get to," said the Cat.
"I don't much care where----" said Alice.
"Then it doesn't matter which way you go," said the Cat.
"---so long as I get somewhere," Alice added as an explanation.
"Oh, you're sure to do that," said the Cat, "if you only walk long enough."

# QUESTIONS AND DISCUSSION

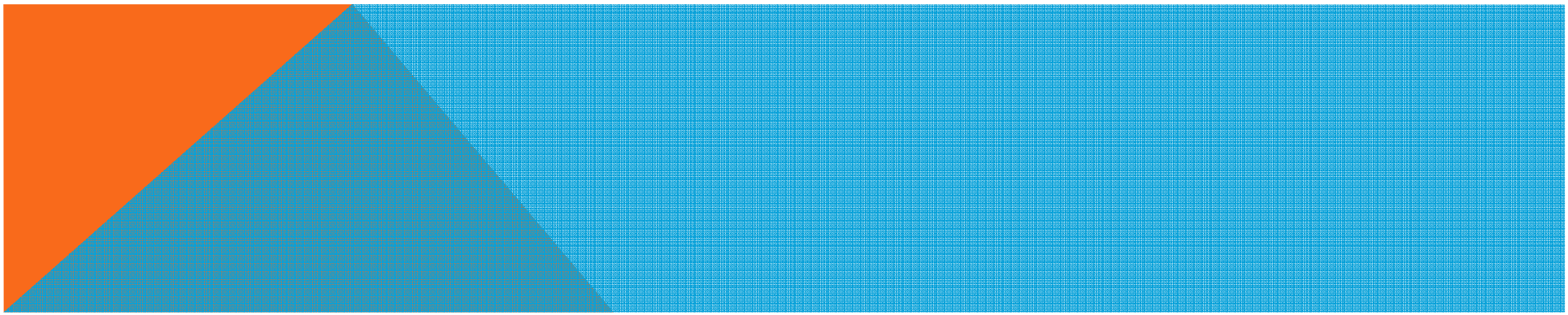
Thank you

# DISCUSSION IN GROUPS

1. The impact of trends in collection development for:
   - Information specialists
   - Cataloguers / acquisitions
   - Inter library loans
   - Other
2. Do you think **collaboration** and **resource sharing** is a possible solution for South Africa?
   - How can this be implemented?

     or
   - Why will it never work?

3. How can we support user needs / demands for physical space in the library for learning and studying?



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Giustini, Dean . 2010. Academic librarians can be part of 'open data',

http://blogs.ubc.ca/dean/2010/06/academic-librarians-can-be-part-of-open-data/

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http://www.researchinformation.info/features/feature.php?feature_id=245