Update: ARL/CARL/COAR/LIBER Joint Task Force on Librarians' Competencies in Support of E-Research and Scholarly communication

PASCAL CALARCO, UNIVERSITY OF WATERLOO/CARL

JUDY RUTTENBERG, ARL

CARL ABRC

LIBER
LIGUE DES BIBLIOTHÈQUES EUROPÉENNES DE RECHERCHE
ASSOCIATION OF EUROPEAN RESEARCH LIBRARIES

COAR
Confederation of Open Access Repositories

ASSOCIATION OF RESEARCH LIBRARIES®
empowering the research library community

Agenda

- Drivers behind Task Force collaboration
- Information on the sponsoring organizations
- Review of charge and scope of work
- Components of the work to date and future areas
- Organizing work output and formats
- First service areas:
  - Research Data Management
  - Scholarly Communication and Open Access
  - Digital Humanities
- Clustering specializations
- Advisory Committee
- Feedback and Q&A

Drivers for the Competencies Task Force

- Carmen-Gloria Labbe, co-Chair of the COAR Board
- Discussion around COAR training in Latin America for repository managers, evolved into competencies, included in COAR Strategic Plan
- LIBER, ARL, CARL joined

Sponsoring Organizations: ARL and CARL

- ## Association of Research Libraries (ARL)
  - Established 1932; 125 research libraries in US and Canada
  - Operates as a forum for the exchange of ideas and as an agent for collective action.

    www.arl.org

- ## Canadian Association of Research Libraries (CARL)
  - Established 1972; 29 largest university libraries and two federal institutions
  - CARL advances the vision, builds the capacity and promotes the value of Canadian research libraries while supporting improved access to research

    www.carl-abrc.ca

Sponsoring Organizations: COAR and LIBER

- ## Confederation of Open Access Repositories (COAR)
  - Established 2009; 100+ member institutions globally
  - Mission: to enhance the visibility and application of research outputs through a global network of open access digital repositories.
  - Activities range from the engagement in working and interest groups, advocacy activities, and training opportunities.

    www.coar-repositories.org/

- ## Association of European Research Libraries (LIBER)
  - Established 1971; over 400 national, university and other libraries in 40+ countries
  - Together we work to represent the interests of European research libraries, their universities and their researchers
  - Public policy on copyright and open access, collaborative projects, networking and professional development

    www.libereurope.eu/

Charge and scope of Task Force work

- Outline the competencies needed by librarians in an evolving environment

  1. Identify the avenues of service for libraries within the context of e-research, repository management, and scholarly communication

  2. Map the services and roles to the competencies required by librarians and library professionals

- Note of the array of organizational models evolving to support new services

- Produce a toolkit that will help to build capacity in libraries for supporting new roles in the area of scholarly communication and e-research.

http://www.arl.org/news/arl-news/2860-library-and-repository-communities-join-together-to-identify-new-competencies-for-academic-librarians#.UyM_t_ldVol

Components of work to date

- Decision collaboration tools and processes
- Literature review
- Identified E-Research specialization areas
- Gathered job descriptions from web searches
- Wiki for community communication and feedback
- What 'the toolkit' might look like – ideas discussed

Collaboration Tools/Process

Literature Review

- 40+ and growing articles and reports
- Collaboratively contributed
- Intentionally global
- Professional association reports and scholarly works
- As appropriate, will be referenced and briefly annotated in each of the Toolkit Service Areas

Identifying E-Research Support Areas

- ## Sources:
  - Areas and specializations identified in literature
  - Emerging areas of growth in professional job postings
  - TF members professional knowledge and experience
  - Early community feedback
  - Other projects we are watching

Identifying E-Research Support Areas

- Challenges:
  - "E-Research" not used globally; jargon
  - Relationships and overlap between specializations, competencies, skills
  - Terminology/nomenclature imprecise, variable
  - Competencies: hard and soft skills
  - Qualifications for competencies based in practice, less in academic programs, although this is evolving

Wikispaces for community feedback on draft work

Position Descriptions

- 250+ position descriptions: US, Canada, Europe
- Useful in capturing quickly emerging/evolving areas before they make it into the literature
- Web searches
- Other positions as advertised
- Categories:
  - Curation
  - Data Management
  - Preservation/Digital Preservation
  - Digitization/Digital Initiatives
  - Instructional Services
  - Metadata
  - Repository Management
  - Research Support
  - Technology Services

Community feedback

- Task Force relies on feedback from these communities of practice around E-Research
- Accepted presentations at:
  - CNI (March 2014; St. Louis, MO)
  - LIBER (July 2014; Riga, Latvia)
- Ideas for venues to connect for other service areas welcome
- Consulting group: advise and provide feedback as service area drafts are ready

Discussion: What Might the Toolkit Look Like?

- Web-based

- A portal?

- An aggregation of documents and web resources?

- A guide for developing new positions for specific needs?

- Audience: administrators, practitioners, others

Wordle: Digital Humanities

Approaches to Service Areas Template

- Research Data Management, Scholarly Communications and Open Access:
  - Definition
  - Roles involved
  - Competencies
  - Typical job titles
  - Functions / Key Results Expected
  - Related service areas
  - Selected Literature

Approaches to Service Areas Template

- Digital Humanities:
  - Definition
  - Typical job titles
  - Functions / Key Results Expected
  - Position highlights from postings
  - Services
  - Training
  - Tasks and Skills

First Competency Areas: RDM

- Core competencies:
  - Providing access to data
  - Advocacy and support for managing data
  - Managing data collections
- Related service areas and roles:
  - Open access and institutional repositories, collection development, advisory services (copyright, policies, etc.), information literacy, digital curation, digital preservation, digital collections
  - To work with: Data Creator, Data Scientist, Research Coordinator/Manager, Data Curator, Digital Preservation Librarian, Repository Manager, Subject Librarian

First Competency Areas:
Scholarly Communication and Open Access

- Core competencies:
  - Scholarly publishing services
  - Copyright and OA advocacy and outreach
  - Scholarly resource assessment
- Related service areas and roles:
  - Research data management, collection development, advisory services (copyright, policies, etc.), information literacy
  - To work with: Digital Repository Librarian, Subject Librarian, Digital Initiatives Librarian, Digital Humanities Librarian

First Competency Areas: Digital Humanities

- Core competencies:
  - Scholarly communication and publishing
  - Technical services and collection management
  - Digital lifecycle information management
  - Client engagement & training
- Related service areas and roles:
  - Digital Humanities Librarian role is directly related with Repository Manager, Data Manager and Scholarly Communication Librarian.

Interviews: Digital Humanities

- Discussions with DH practitioners
  - Maryland Institute for Technology in the Humanities (MITH)
  - The Ohio State University
  - *University of Colorado Libraries DH Task Force*
  - *ACRL Digital Humanities Interest Group*
  - *University of Florida DH Libraries Group*
  - *University of Virginia Scholars Lab*
  - *Gottingen Centre for Digital Humanities*
  - *DARIAH-EU*
  - *Others*

Other Anticipated Service Areas

- Digital preservation
- Digital Curation
- Metadata
- Research Support
- Instructional Services
- Repository Management
- Digital Initiatives
- Technology Services

Clustering competencies/specializations

- Identifying areas of overlap
- Probably aggregate areas that are very close in competencies/roles
- Both technical "hard" skills and communication/organization "soft" skills
- An imperfect art and each service area continues to evolve

Other projects we are watching

- **University of Cincinnati, Florida State, McMaster**
  - Scholarly Communications and Information Technology Program planning grant
  - Digital scholarship centres
  - Andrew W. Mellon funding $58,000
  - "define and describe the key skills and competencies required to support a robust digital scholarship program"
- **DigCCurr (USA)**
  - A project 2006-2013 to develop graduate curriculum to prepare students in digital curation. Now an annual professional institute at the University of North Carolina-Chapel Hill. http://www.ils.unc.edu/digccurr/

Other projects we are watching

- Digital Curation Centre (DCC; UK)
  - A centre of expertise in digital information curation with a focus on building capacity, capability and skills for research data management across the UK's higher education research community. The DCC provides expert advice and practical help to anyone in UK higher education and research wanting to store, manage, protect and share digital research data: http://www.dcc.ac.uk/;
- FOSTER (Facilitate Open Science Training for European Research
  - European Commission funded project, aims to support different stakeholders, especially young researchers, in practicing open access, open data sharing and open science; http://www.fosteropenscience.eu/
- Researcher Development Framework (RDF; UK)
  - Identifies the knowledge, behaviour and attributes of successful researchers, helping them maximise their potential and get the most out of their career by developing these attributes. https://www.vitae.ac.uk/researchers-professional-development/about-the-vitae-researcher-development-framework

Consulting Committee

- Additional volunteers who are interested in this work:
  - Hilton Gibson (Stellenbosch University)
  - Kara Jones (University of Bath Library)
  - Tony Roche, Publishing Director with Emerald
  - Dr Stephen Pinfield (University of Sheffieldwould)
  - Ellen Verbakel, 3TU.Datacentrum (TU Delft)
- Anticipate adding one additional member from each sponsoring organization
- Timeframe for consultation

Feedback & Questions

- Contact us:

    - Pascal Calarco pvcalarco@uwaterloo.ca
    - Judy Ruttenberg judy@arl.org