



Introduction to the concept of Open Access and Digital Preservation

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What to expect...

- Introduction to the concept of open access
- (A very brief) overview of digital preservation
- DRI's role as a national repository
- A quick tour of the Repository with highlights from the collections
- (A quick plug for) the Early Career Research Award 2020

Introduction to the concept of open access

Open access (OA): the removal of price and permission barriers to research through the use of the internet and more liberal licensing agreements. See also ‘green open access’ and ‘gold open access’. For open access that distinguishes between the types of permission, see ‘gratis open access’ and ‘libre open access’. Together with ‘open data’, OA comes under the wider umbrella of ‘open science’.

Open science: scientific research, data and dissemination accessible to all by design.

Open data: the free availability and reusability of data without restriction or copyright.

(Open Library of Humanities glossary, <https://www.openlibhums.org/site/glossary/>)

Ireland’s “**National Framework on the Transition to an Open Research Environment**”, prepared by the National Open Research Forum (NORF) was published in July 2019 and represents the ambition of the research community to engage with and deliver the Open Research agenda in Ireland.

The Framework is a first step in the process of preparing a National Action Plan.

http://norf-ireland.net/wp-content/uploads/2019/07/NORF_Framework_10_July_2019-2.pdf

An overview of digital preservation...



Storage is not
Digital Preservation



‘Putting it on the internet’ is not
Digital Preservation

What is Digital Preservation?

‘Active management of digital content over time
to ensure its ongoing access’

(Library of Congress, <http://www.digitalpreservation.gov/about/>)

‘It requires policies, planning, resource allocation (funds, time, people)
and appropriate technologies and actions to ensure accessibility,
accurate rendering and authenticity of digital objects.’

(Bodleian Libraries, <https://libguides.bodleian.ox.ac.uk/digitalpreservation/whatisdp>)

‘To ensure the value of digital materials in the long run we need
to ensure access, which in turn means we need to understand and
mitigate rapid changes in technology and organisations’

(Digital Preservation Coalition, <https://www.dpconline.org/handbook/>)

Risks to digital objects

Fragility

- File corruption, ‘bit rot’ ‘bit flip’
- Lost files (deletions, lost media, damaged hardware)

Change

- File format obsolescence
- Changing software and hardware

Loss of Context

- Provenance, authenticity
- What is it?

Volume

- Digital output is massive

Learn more:

DPC ‘Novice to Know-How’
course:

<https://www.dpconline.org/knowledge-base/training/n2kh-online-training>

The Digital Repository of Ireland is

- A trusted digital repository (TDR)
- A national data infrastructure
- Long-term digital preservation, access, discovery
- Headquartered at RIA (TCD, MU)
- Ireland's social and cultural data (records, digital collections)
- Humanities, Social Sciences, Arts (research data)
- Curated collections; cross-searchable metadata
- Open Access, Open Research



electoral lists

business records

posters

images

diaries

documents

drawings

letters

music

film & video

photographs

objects

paintings

oral
histories

radio

The repository

- Most collections can be accessed through the web interface at repository.dri.ie
- Some collections contain Restricted Data that can only be accessed by researchers with permission from rights holders. This usually applies to social science research collections where subjects are still living.
- DRI accepts 4 Metadata standards including Dublin Core (and Qualified Dublin Core), MODS, EAD and MARCXML.

Visit the repository: <https://repository.dri.ie/>

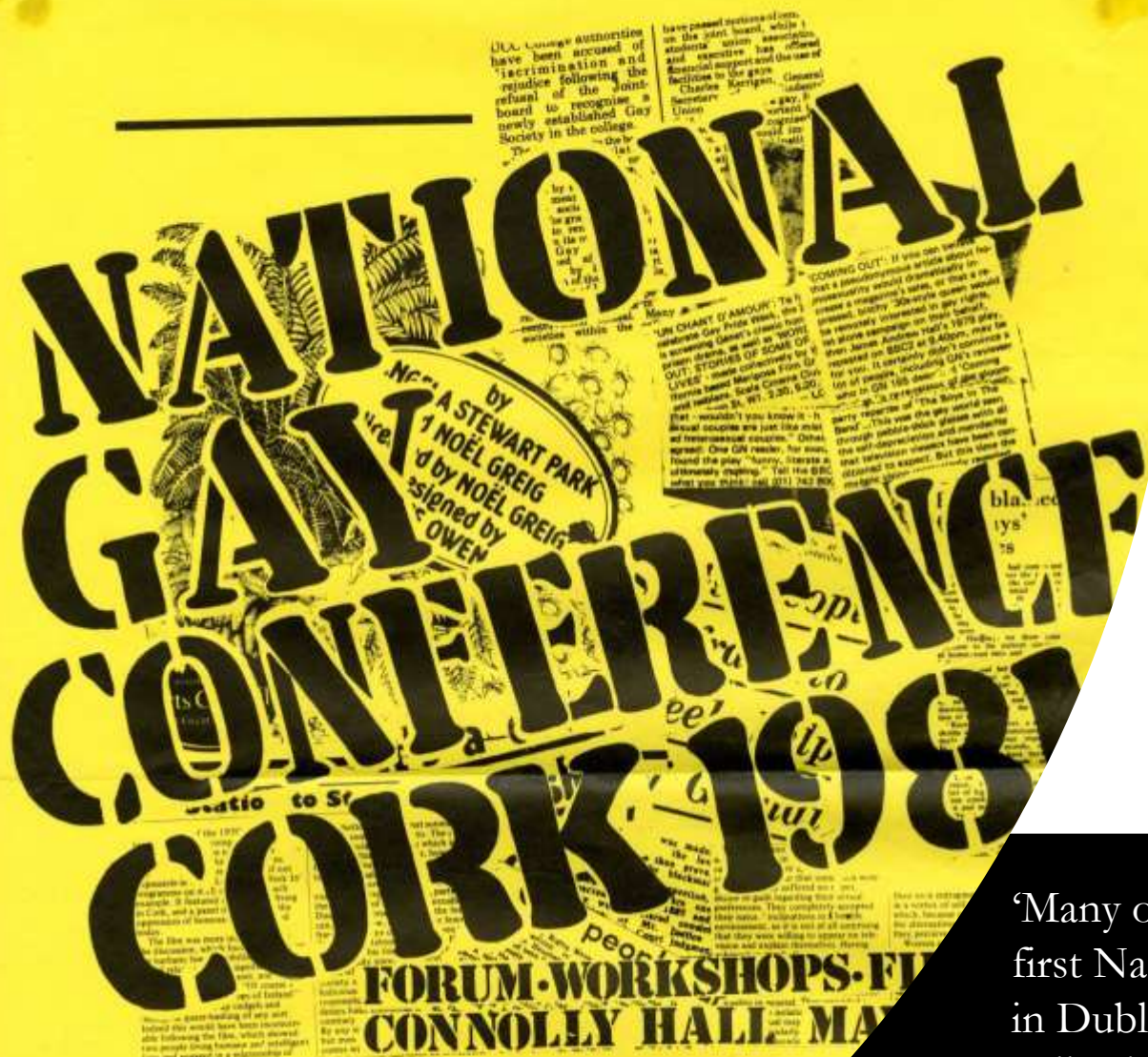
Some repository highlights

Cork LGBT Archive

Aims to preserve and share information in relation to the rich history of Cork's Lesbian, Gay, Bisexual and Transgender Communities

‘Many of the firsts in Irish LGBT history happened in Cork. In 1981 the first National Gay Conference was held in Cork (followed by a conference in Dublin in 1982 and Belfast in 1983). The National Gay Conference collection contains a range of items from the 1981 conference, including the conference leaflet, brochure, conference report and a ticket from the Gala Ball that was held on the Saturday night of the conference.’

<https://doi.org/10.7486/DRI.bk12nw66n>



Some repository highlights



Jacob's Biscuit Factory Photographic Archive

Comprises photographs, photographic albums and slides. The images date from the late 19th century to the early 21st century. The photographs reflect the company's history as a major employer in Dublin city, and in Liverpool, and as a global exporter of biscuits.

Jacob's Biscuit Factory. (2019) Jacob's Biscuit Factory Photographic Archive, Digital Repository of Ireland [Distributor], Dublin City Library and Archive [Depositing Institution], <https://doi.org/10.7486/DRI.7079jp801>

A (quick) plug for DRI's Early Career Research Award 2020

This Award grants a prize to an original piece of research (e.g. research done for Master's or PhD thesis, article or publication) informed in whole, or in part, by objects/collections deposited in DRI.

<https://www.dri.ie/early-career-research-award-2020>



Field archaeologist Jennifer McCarthy, winner of the inaugural competition, pictured with DRI Director Dr Natalie Harrower



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Welcome to the DRI

The Digital Repository of Ireland is a national digital repository for Ireland's humanities, social sciences, and cultural heritage data. You can browse and search across multiple collections from some of the finest Irish institutions. These collections are safely preserved in the DRI. Please explore and enjoy.



Inspiring Ireland 1916 Public Memorabilia Collection

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