The Library of Trinity College Dublin

Annual Report 2018/19

Developing the Library's Strategic Direction
2015—2020

Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Top Left: Linda Doyle (Dean of Research, Trinity College Dublin) during her keynote speech.
Top Right: Mary Robinson, former President of Ireland, addresses LIBER 2019 delegates.
Bottom: A small group from the 60+ volunteers who made this event possible.

Contents:

Context and Overview

2018/19 was a year which saw significant progress on major long-term programmes. Library activity also had a distinctly European flavour.

This Annual Report dovetails with the final year of the Trinity College Dublin Strategy 2014-2019, which is focused on Student Environments, Research Environments, and the Trinity Visitor Experience. It is implemented under five pillars:

- Integrated Space
- Integrated Digital
- Integrated into Teaching Learning and Research
- Prioritised Funding
- Suite of Inter-related Policies and Programmes

Many of the larger, longer-term, high-impact components are well underway. The year saw significant progress with the Old Library Redevelopment Project and the Virtual Trinity Library. Together, these two multi-year projects are fundamental to the future of the Library. They will ensure the conservation and protection of the University's unique and distinct collections and the historic building that houses them, and accelerate access to digital versions. Extensive foundational work has been completed – from establishing steering groups involving many internal and external experts to recruiting specialists, programme managers, and digital preservation staff; and from advancing essential work on the Treasury housing the Book of Kells to designing the new digital content creation infrastructure. Importantly, these Library initiatives comprise a flagship in *Inspiring Generations*, the first philanthropic campaign of a University in Ireland. The Library featured prominently in wonderful launch events in Dublin, London, Paris and New York.

Other highlights of 2018/19 bore a distinctly European quality. In June, the Library hosted the LIBER (League of European Research Libraries) conference in partnership with CONUL (Consortium of National and University Libraries). We welcomed c.500 delegates for a very successful and highly rated conference – the first time it has been held in Ireland. The University lent the Book of Durrow to the hugely successful *Anglo-Saxon Kingdoms: Art, Word, War* exhibition at the British Library (see section Collection Loans, p27 for more detail), which illustrated the manifold shared influences of continental Europe, Britain and Ireland. The Library also hosted the 48th LERU (League of European Research Universities) INFO Group, a key forum for the advancement of Open Scholarship, through its Roadmap to Open Science. In 2018, the Dean of Research and the Librarian established an Open Scholarship Taskforce, the first University-wide taskforce of its kind in Ireland. A key component was *Unboxing Open Scholarship*. This extensive series of events undertook, in its first year, to ascertain the University's understanding of open scholarship practice as it pertains to individual and scholarly practice.

Other advancements this year included involvement in: the major review of IReL (the Irish Research eLibrary); the negotiations about ScienceDirect; the post-implementation review of UK electronic deposit by the UK Department for Digital, Culture, Media & Sport; and the Irish Copyright and Other Intellectual Property Law Provisions Act. Collaboration was a deepening theme, from the joint research agenda between the Trinity Long Room Hub and the Library, to exhibitions such as *Drawing your Attention: Four Centuries of Political Caricatures*, co-curated by the Library and the Dean of Arts, Humanities & Social Sciences.

None of this would be possible without the dedicated and talented staff in the Library. Their extensive range of skills, backgrounds and expertise are the engine that drives the Library on behalf of users across the University community and far beyond.

Evolution of context

2019/20: The evolving context of the Library Strategy includes the new University Strategy 2020/25 especially the implementation of the Library components. For example, the Old Library Redevelopment Project is referred to as a cross-University initiative that embraces all four core objectives: in 2019/20 an integrated design for the Old Library will be submitted for planning permission, and the works to the Treasury will be undertaken. The many other components of the new Strategic Plan, from the increase in undergraduates to the emphasis on postgraduates to the digital transformation strategy and new infrastructure projects such as; the Grand Canal Innovation District and T-Tech, will all have implications for the Library.

The evolving context also includes Horizon 2020; the EU requirements for Open Science, and the next stage of Ireland's NORF (National Open Research Forum); Irish copyright legislation; a major new project around the digital infrastructure of the shared UK electronic legal deposit collections; developments in publishing; developments in technology especially AI; the UN's Sustainable Development Goals; and increasingly, developing the sustainable campus and the sustainable Library.

Above: Left to right - Roly Keating, Claire Breay, Helen Shenton, Patrick Prendergast.

Below: Artwork was installed in the Ussher Library by the Curator of the University Art Collections.

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1. Integrated Space

A key transformative development is the "library as place; place as library". the digital shift and the virtual space are developing hand-in-hand with a social shift in the use of library spaces, learning spaces and communal spaces.
The library – virtual and physical – is a place of learning.

Lecky Library - new informal learning space
As part of the Arts Building Refurbishment Project, the area inside the Lecky Library entrance was remodelled as an informal learning space. Working with Estates & Facilities, the Library and installation team replaced the dated furniture with a range of bright, new single-seater pieces. This increased the capacity of the area and gave it a striking new identity. Acoustic baffles, tables and new carpet tiles were also introduced, creating an informal space which supports the Library's endeavours to provide a broader range of contemporary learning environments.

Berkeley foyer - temporary exhibition space
Starting in June 2019, the Berkeley Library foyer hosted a temporary exhibition featuring four centuries of political cartoons. The exhibition, a version of which was also on display in the Long Room of the Old Library, was entitled *Drawing your Attention: Four Centuries of Political Caricature*, and included materials from the Library's collections, with originals from the extensive 18th- and 19th-century collection collected by Nicholas Robinson, alumnus, writer, lawyer and former cartoonist.

The contemporary works in the exhibition were on loan from freelance artist Martyn Turner, best associated with *The Irish Times. Drawing your Attention* featured framed reproductions of Martyn Turner's work, as well as a digital slideshow of political and social caricatures drawn from the Library's Robinson Collection. It was a novel use of the Library's contemporary spaces and a successful outreach initiative to engage the public and showcase the Library's rich collections. The online version of the exhibition is available at: https://www.tcd.ie/library/exhibitions/tcdtoons.

Ongoing investment in contemporary spaces

The introduction of a new academic calendar as part of the Trinity Education Project led to a significant increase in the use of Library spaces and demand for reading room services. To keep pace with these trends, the Library continued to improve its contemporary spaces:

– 100 new chairs were purchased for the services hub in the lower ground level of the Berkeley Library.

– The programme to replace older chairs in the Lecky Library continued.

– New tables were installed in the group study rooms in the Berkeley and John Stearne Medical Libraries.

– The carpet on the ground floor of the Berkeley Library (Iveagh Hall) was replaced.

– Additional artwork was erected in the Ussher Library by the Curator of the University Art Collections.

Santry Book Repository

The Library made significant progress to prepare collections held in the Santry Book Repository for transfer to better facilities in the future. This multi-year programme began in June 2018, in line with the University's Estates Strategy 2018/19.

Thanks to a five-strong team of temporary staff, alongside seconded colleagues, over half-a-million books are now barcoded, appropriately boxed, shelf-checked, findable, and requestable via Stella Search. Most of these books were acquired during the 1970s and up to the mid-1990s; in those early days of automation, system outages often resulted in the loss of catalogue records. The team restored thousands of such records (for over 2% of all books checked), and within a few months students and staff had found several of these previously hidden books in Stella Search, and requested them for consultation. The work and success of the programme to date was presented at the LIBER Conference in June 2019 (see Appendix: Staff Publications).

Above: The Old Library Redevelopment Project will conserve and re-imagine some of the most iconic spaces on campus, including Fellows Square, the Berkeley Library Podium, and the Old Library itself.

Old Library Redevelopment Project

The 18th-century Old Library currently houses 350,000 early printed books and 20,000 manuscript and archive collections. It faces a number of urgent conservation and environmental challenges that need to be addressed in order to safeguard the building and its contents for the next century.
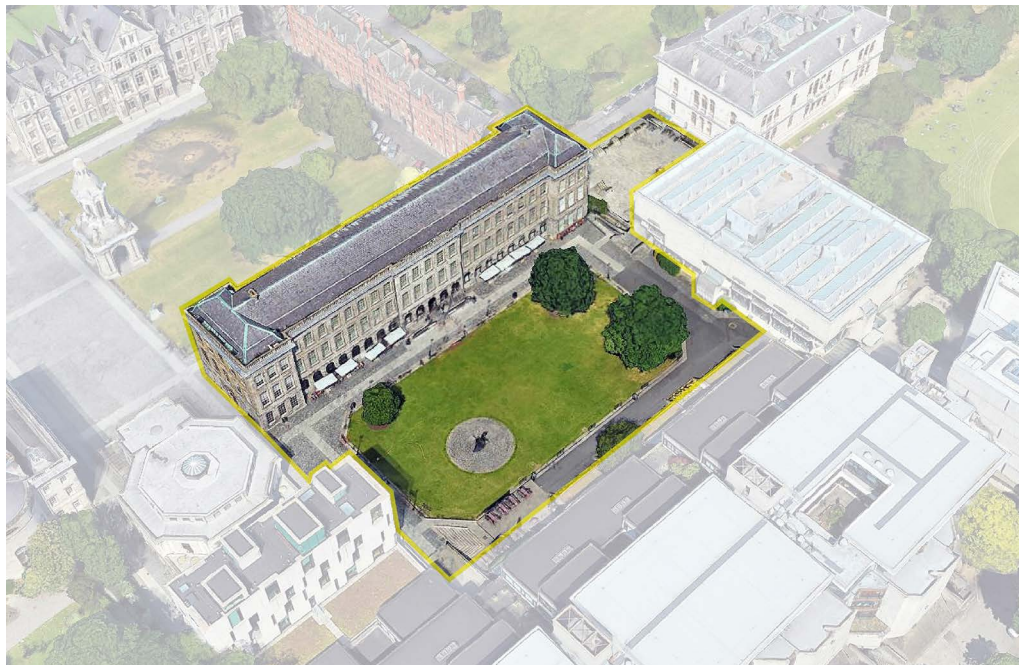
The Old Library Redevelopment Project is a flagship project in the University's Capital Campaign. Extensive progress has been made towards an integrated design that addresses three essential components.

Firstly, the conservation and protection of the nationally significant Old Library building and its incomparable collections. This involves critically important work to conserve the structure and install environmental controls and fire protection measures.

Secondly, the creation of an inspirational Research Collections Study Centre commensurate with the world-class standards of national heritage collections. Such a centre should match comparable international research facilities, and create an environment for students to safely consult primary research material.

Thirdly, a completely new and revitalised display and reinterpretation of the Book of Kells exhibition, new visitor facilities, rotating exhibition, orientation and public spaces. This national historic site, at the heart of the Trinity campus and a capital city, attracts huge numbers of visitors from across the world. The current exhibition and visitor facilities were designed 30 years ago to cater for approximately 200,000 visitors annually; in 2018, the Book of Kells and Old Library exhibition surpassed one million visitors for the first time.

Trinity is working with Dublin-based internationally acclaimed firm Heneghan Peng, architects of the recent award-winning refurbishment of Ireland's National Gallery, on a plan that deploys the best 21st-century design and environmental technology to protect the Old Library building and collections.

The Old Library Redevelopment Project is chaired by the Bursar. The Librarian & College Archivist is Project Sponsor. The Project is subject to the full suite of governance instruments, ultimately reporting to the University's Board. The Steering Group has multiple sub-projects, from construction to retail to exhibition to logistics to finance, and enjoys extensive involvement from many experts across the University. The Singlepoint Design Team similarly draws on extensive external expertise, from quantity surveyors, engineers, and conservation architects to retail designers and international exhibition designers. This complex and critical programme has already made substantial progress towards an integrated design that reconciles the three key essential components.

Below: Members of the Library and Adapt Centre who collaborated on the Trinity LibTech Research Showcase as part of LIBER 2019.

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2. Integrated Digital

In an increasingly digital world, the ability to support users in navigating the rich and complex universe of digital content through integrative technologies, tools and services, is key to trinity's success. Users want to be able to search for any resource in any format with a single search. Digitalisation of the library, leveraging technologies to enhance and complement services on-site and online, and creating new services will drive the creation of the digital knowledge environment.

Key emerging digital issues range from e-legal deposit to linked-data to open access digital repositories to e-journal licensing to copyright.

Results of a decade of digitisation

More than ten years of digitisation by the Library has ensured the preservation of many rare and unique manuscripts, books, photographs and maps. In excess of 100,000 images of the Library's collections are now online at http://digitalcollections.tcd.ie.

In 2017, a strategic review of Digital Collections made several recommendations relating to staffing and digital infrastructure requirements. A multidisciplinary team of photographers, librarians, an archivist and a software programmer was established in 2018/19 to implement the recommendations relating to repository and preservation-storage development. This Digital Collections team works with colleagues across the Library to deliver the strategic goals of opening up unique collections for global access and stimulating new research.

Digital Collections repository software

2018/19 saw the commencement of an exciting and ambitious project to replace the end-of-life Digital Collections repository software. Led by the Digital Collections Programmer, the aim was to create an accessible and integrated service harnessing the benefits of open source software: Hyrax Samvera (front end), Fedora Commons (repository software), and Solr (search platform). A demonstrator version of the new repository, showing samples of digital objects and collections, was presented at the LibTech Research Showcase in June at LIBER 2019 conference. When complete, the new repository will permit improved discoverability of resources; the ability to browse by collection; a responsive user interface; and full description and context for collections and items. Its International Image Interoperability Framework (IIIF) Universal Viewer will enable the presentation of very detailed images

with rich descriptions. Following the beta 'go live' in Semester 2, 2019/20, the Digital Collections team will consult with colleagues, academic staff and students to develop additional system features.

Digital Collections repository storage

PRTLI (Programme for Research in Third Level Institutions) funding in 2007 enabled the initial Digital Collections infrastructure and repository to be hosted and implemented by University IT services in the Research IT facility in the Lloyd building. Having served Digital Collections well, this infrastructure was no longer viable and a project to replace this began in February 2019. This was timely and dovetails neatly with the software replacement and will allow the Library to continue to manage, store and preserve our growing collection of digitised content. Digital Collections worked with colleagues from Research IT and IT Services, to procure and select a solution which utilises a combination of on-premise hosting within IT Service's data centres and cloud hosting. This will be commissioned and ready to host the new Digital Collections Repository in Semester 2, 2019/20.

Electronic Legal Deposit update
Developing the UK eLD collections

The Library has successfully added the complete set of records for UK electronic Legal Deposit (UK eLD) items into Stella Search: 5 million e-journal articles and 500,000 e-books, including 56,000 born-digital music scores. This is a major milestone in making the extensive UK eLD material accessible to the University community. Usage of this content is increasing, with e-books accessed on average 388 times a month in 2018/19; a record 579 e-books were accessed in September 2019. The collection is growing continuously, as the British Library, working with Trinity and partners (the national libraries of Scotland and Wales, and the university libraries of Oxford and Cambridge), ingest and make available new digital publications: 120,000 e-journal articles and 15,000 e-books were added each month during 2018/19.

Access options. Readers can consult, and print from, all of the UK eLD content on PCs in the Library reading rooms, and via the laptops available on loan in the Berkeley/Lecky/Ussher complex. In order to facilitate traditional print access, the Library continued its popular Reader's Choice scheme, a variation of the Patron Driven Acquisition method: over 500 print books (already available as UK eLD e-books) were purchased during 2018/19.

Web Archive. The UK Web Archive (UKWA) collects millions of websites and billions of individual assets (pages, images, videos, PDFs) annually. Approximately 600TB of data have been collected to date, increasing by roughly 60–70TB per year. Most archived sites can only be viewed on Library PCs, but a sub-set is cleared for access from anywhere in the world. In the autumn of 2018, UKWA launched a new website. This updated service allows users to search across the archive, regardless of access restrictions, and has improved keyword searching and filtering functionalities. With every passing year, the value of this largely untapped resource becomes more apparent, as UKWA captures in perpetuity the transformations of information on the Web.

Curating themes in the Web Archive. The six legal deposit libraries curate themed collections in UKWA, approximately 120 to date. The University worked on a 1916 Easter Rising collection in 2015/16, and during the summer of 2019, librarians added one on British cult author Terry Pratchett (1948-2015). Twenty-seven websites and specific webpages have been collected and new content on them will be archived, too. This complements the University's comprehensive print collection of Pratchett's work.

Regulatory changes in the UK

The outcome of the post-implementation review of UK eLD has been very positive. In April 2019, the UK Department for Digital, Culture, Media & Sport accepted all four recommendations made by the six legal deposit institutions:

– Allow deposit of electronic facsimiles of content published in print form.
– Align the legal deposit regulations with the latest equality and accessibility legislation.

– Open up access to the content in the UK Web Archive.
– Align the legal deposit regulations with the latest copyright legislation.

The Department for Digital, Culture, Media & Sport intends to run a number of public consultations before proceeding with any detailed regulatory changes. The Library will continue to promote these important proposals during the consultation phase.

New Irish legislation

On 26 June 2019, the President of Ireland signed into law the Copyright and Other Intellectual Property Law Provisions Act. The Act extends Irish legal deposit to digital publications. Once the Act is commenced by the Minister for Business, Enterprise and Innovation, the legal deposit libraries will have the right to claim from publishers publications in print or digital form, or both. Websites, however, remain excluded: a relevant amendment was deleted at the final stage in the Seanad. This is disappointing, as Dr Eoin O'Dell, Associate Professor of Law at Trinity, comments: "Ireland will –entirely unnecessarily – lag far behind the US and the UK." The Act commits the Government to report on the feasibility of a web archive for the Irish domain by June 2020. The University will continue to share with the National Library of Ireland and others its insights from co-running the UKWA, to ensure that a comprehensive archive of the Irish web domain will become a reality.

Getting the most out of bibliographic metadata

Bibliographic descriptions of practically all of the Library's printed books and journals can be found in international union catalogues, such as the global WorldCat. Through membership of the Research Libraries UK (RLUK) consortium, the Library also contributes to a National Bibliographic Knowledgebase project in the UK. In July 2019, the project launched Library Hub Discover, a replacement of RLUK's union catalogue COPAC. Future developments hold the promise of improved cataloguing efficiencies through better data sharing; easily accessible benchmarking tools for collection development; and possibly more transparent licencing arrangements for bibliographic metadata.

Online Inter-Library Loan request system launch

The Inter-Library Loan service provides access to material not held within the University's collections and supplies material from stock to other libraries. Traditionally, requests for Inter-Library Loans were submitted via paper-based request forms. These have now been replaced with a more efficient and user-friendly online system: https://www.tcd.ie/library/using-library/inter-library.php.

Right: The Library's Digital Collections Team (from left to right) – Jenny Doyle, Grace Kiernan, Arlene Healy, Joe Lakes, Michelle Agar, Gill Whelan, Sharon Sutton.

3. Integration into Teaching, Learning and Research

Developing creatively in the light of the changing expectations and changing behaviours of students and researchers, the library will align with the university's academic priorities and research themes, and partner with schools.

Teaching & Learning

Skills programmes supporting the Trinity Graduate Attributes

Both the discipline-specific and interdisciplinary skills programmes delivered by the Library provide a scaffolded environment to enable students to: undertake independent research; analyse and synthesise evidence; become digitally literate; and deal with information in an ethical manner. These are vital skills required by students undertaking research, particularly those undertaking a final year Capstone project, which is a feature of the new Trinity education experience.

HITS. During 2018/19 the popular *Library HITS* programme, which is co-delivered with Student Learning and Development, continued running workshops including citation and plagiarism, literature reviews, and publishing and promoting research.

Critical skills programme. The Library's new initiative *An Introduction to Thinking, Reading and Writing Critically* proved popular with both undergraduate and postgraduate students.

Student clinics. Pop up *Library Anxiety* clinics were delivered in the Global Room as part of a second semester pilot. Dedicated *Dissertation Dish* clinics, targeted at the postgraduate and PhD communities and co-delivered with the Postgraduate Advisory Service, attracted students from all stages of the research journey.

MyReadingList@TCD

During summer 2018, the Teaching & Research Support team continued to build engagement by the University community with *MyReadingList@ TCD*. This included the design and creation of a suite of instructional guides to illustrate benefits of the system. *Getting Started* consultations (both with subject librarians and online) were made available for staff and students — see https://libguides.tcd.ie/myreadinglist.

Advantages for academic staff. Academic staff welcomed the ability to create dynamic reading lists and access to high demand material. *MyReadingList@TCD* maximises Library budgets while the provision of real time information about resource availability saves time. A number of academic champions participated in a video campaign to promote *MyReadingList@TCD* to colleagues.

Advantages for students. Two features that greatly aid learning are the ability to annotate lists with personal notes and to set reading intentions.

The next phase of the development of this resource includes the integration of *MyReadingList@TCD* in the Virtual Learning Environment, and the implementation of a digitisation module that will ensure seamless availability of resources on demand, in a space that will be beneficial to both staff and students.

Writing Women Writers: **Wikipedia edit-a-thon**

In collaboration with Dr Jane Carroll, Ussher Professor of Children's Literature, the Library hosted a Wikipedia editing workshop for undergraduate and M Phil students in the School of English in March 2019 Facilitated by Dr Rebecca O'Neill, Project Coordinator of Wikimedia Community Ireland, attendees learnt how to create and edit content in Wikipedia. The ability to carry out independent research, be ethically aware, digitally literate, and to demonstrate expertise in the communication tools of their discipline are all key Trinity Graduate Attributes. Workshop attendees practiced their searching and citing skills and, importantly, improved the profiles of underrepresented Irish women writers.

Digital Skills and Scholarship **series**

Librarians contributed to teaching some of the workshops in the Digital Skills and Scholarship series, run each semester by the Trinity Centre for Digital Humanities. The skills and expertise they brought to bear included information literacy, analysis and evaluation, metadata creation and maintenance, digitisation, copyright, storytelling through online exhibitions, and digital lifecycle management.

Research

Open Scholarship

At the start of 2018/19, the Dean of Research and the College Librarian & Archivist established an Open Scholarship taskforce, the first university-wide taskforce of its kind in Ireland. The taskforce is comprised of staff in the Dean of Research Office, the Research Development Office, the Library, Human Resources, early-career researchers and academics. The aims of the taskforce are threefold: to establish a working definition of Open Scholarship for the University; to respond to consultation pertaining to open scholarship policy, both nationally and internationally; and to share best practice to enable a culture that espouses open scholarship ethos.

Unboxing Open Scholarship

A key component and deliverable of the taskforce during 2019 was a series of events that sought to take the pulse of the University community. The first year of *Unboxing Open Scholarship* undertook to ascertain the University's understanding of open scholarship practice as it pertains to individual and collective scholarly practice. In total, eleven events took place across the campus, with 676 attendees from Trinity, the wider Irish university community, and members of the public.

Curing the Pathologies of Academic Publishing event. To a packed audience in the Science Gallery, Professor Mike Eisen, founder of Public Library of Science (PLoS) shared his views on the disadvantages of journals, and offered predictions for the future of academic publishing.

Postgraduate Orientation Week. During Postgraduate Orientation Week, staff and students came together to map the accessibility of city centre restaurants, hotels, bars, shops and parking spaces. Over 300 locations were mapped and in excess of 150 were rated using the AccessEarth App, developed by University graduate Matt McCann.

Research Impact & Evaluation in the Open Scholarship Era event. In September, the Trinity Long Room Hub (TLRH) was at full capacity for a thought-provoking symposium on the topic of Research Impact & Evaluation act within a research eco-system that is increasingly becoming more open. Professor Stephen Curry, Chair of the Declaration on Research Assessment (DORA) Steering Committee's stimulating keynote was followed by a series of funder and early-career researcher panels.

ScienceDirect negotiations

A group representing the Irish Universities and Institutes of Technology conducted negotiations with Elsevier for access to the ScienceDirect e-journal service in advance of the 31st December 2018 agreement expiration deadline.

The Irish consortium was consistent from the outset about the need for a deal that made significant progress towards delivering Open Access on the ScienceDirect platform to publications by authors from member institutions. Accordingly, the consortium adopted the LIBER Principles for Open Access Negotiations with Publishers. This approach aligns with that taken by many European and US consortia with Elsevier and other publishers to move from a model of paying for access to paying for Open Access publishing. While it was not possible to agree a deal for 2019 that incorporates open access and its attendant benefits for Irish research exposure and impact, the consortium reached an agreement with Elsevier for 2019 that continued subscription access to ScienceDirect as in previous years. This meant that members at each institution in the consortium continued to have access to ScienceDirect in 2019 while negotiations continue towards a deal from 2020 onwards that will incorporate open access on that platform to publications authored by researchers from member institutions.

IReL review

The Library and University benefits from participation in the Irish Research eLibrary (IReL). IReL is a nationally funded online research library which provides access to online research publications including journals, databases and index & abstracting services, as well as ebooks, for member institutions. It is funded by a Government grant: €9.8 million was provided in 2018. Initially established in 2004, IReL was expanded to serve the seven Irish universities, the RCSI and, for a limited number of resources, the Institutes of Technology from 2008. TU Dublin (formerly Dublin Institute of Technology) joined IReL in mid-2018.

IReL is a shared service managed by the Irish University Libraries Collaboration Centre (IULCC). The IULCC ensures that IReL continues to offer excellent services and value for money in the provision of research e-resources on a sustainable basis. It has received requests from research-performing organisations to join the IReL consortium. The context for academic publishing is also shifting, with European Commission policy and emerging national policy relating to Open Access to publications by 2020 to the fore. Given this context, the IULCC identified that a strategic review of IReL would be beneficial in identifying strategic options for its future.

At the IULCC's request, the Higher Education Authority (HEA) initiated and agreed to manage this independent review, with oversight from a steering group. Published June 2019, the review report made a number of conclusions and recommendations:

- It is recommended that procurement of e-journals at a national consortium level should continue and be expanded, as resources permit.

- Membership of IReL should be expanded on a phased basis, in line with the agreed mission, to enable wider sharing of the benefits of consortium membership.

- IReL should adopt a tiered-model ('all in' and 'buyer's club'), with different levels of access and associated costs for different types of members.

- Long term strategic aims should be clearly identified at a national level, to inform IReL's mission and Ireland's future negotiating strategy, taking into account evolving Open Access/Open Science policy, nationally and internationally.

- A review of the current IReL catalogue is recommended to consider the needs of current and potential new members.

- IReL's governance structures should be simplified, and move from a representative model to a competence-based model.

Work is underway, led by the IULCC, on the implementation of the recommendations.

The IReL Steering Group has agreed principles for negotiating agreements with publishers from 2020, based on the LIBER principles.

IReL's negotiating principles include the following:

– Agreements should cover both the read costs (reader access to subscription content) and publication costs (for publishing Open Access articles from IReL members). Increased spending on publication should result in proportionately lower spending on subscription fees.

– All articles from corresponding authors based in member institutions should be immediately Open Access on publication at no additional cost outside the agreement.

– Open Access publication of author's articles should be available across all the publisher's titles, including hybrid titles.

The Librarian Presents series

This occasional series of talks by thought-provoking speakers is curated by the Librarian & College Archivist. In October Dr Jan Haarhuiss, Chair of the Digital Education Group of the League of European Research Intensive Universities, shared the experience of the University of Utrecht in implementing the Educate-it programme. Dr Haarhuiss challenged the University teaching community to consider how best to stimulate students to be responsible for their own academic progress, and how to implement innovation in their own teaching practice.

Above: Jan Haarhuiss, Director Education & Innovation and programme leader Educate-it, Utrecht University.

Librarians as researchers: Understanding our users

"We will think like our users, and understand our users' changing expectations and changing behaviours." The Library of Trinity College Dublin Strategy 2015-2020

During the 2018/19 academic year, the Library collected quantitative and qualitative data pertaining to the student and staff experience through the following mechanisms:

– Library Life Pulse Survey of Staff and Students

– International Student Barometer

– Irish Survey of Student Engagement

– Sensory Audit and Survey of Learning Spaces

The Library Life Pulse, a biennial survey of staff and students, ran in December 2018. It received 2,540 responses, with 218,612 data points. Overall, 79% of respondents said they were 'satisfied' or 'very satisfied' with the Library. 83% of students said the Library was helping them to succeed on their course. 80% of respondents agreed with the statement it is easy to find support in Library buildings, whilst 83% agreed that staff are approachable.

Joining forces with academic and support units to improve the student experience

The Library has been working closely with the Occupational Therapy team in the Disability Service to triangulate data from the Library Life Pulse with the findings of a sensory audit and survey of learning spaces, which included the Library, lecture halls and laboratories. This combined approach to analysing all three data sources together has allowed for a richer and more robust research approach that will benefit students' experience of the Library environment. Overall, 51% of respondents said the Library is having a positive impact on their wellbeing. A follow-on sensory audit by the Disability Service of Library spaces revealed simple interventions which would address some of these challenges.

These included a programme of sensory Library tours co-delivered with Student Disability Ambassadors, and the design of respite rooms for students who are feeling overwhelmed. These interventions will continue to be evaluated and enhanced through consultation with students registered with the Disability Service and with colleagues in The Trinity Centre for People with Intellectual Disabilities.

Future of the Academic E-Book survey

Interactive narratives study. In February, a user-experience study on emerging formats asked researchers in the University and in the British Library to consider a future where academic texts are displayed as mobile book apps and web-based interactive narratives. Interactive narratives rely on the reader making decisions to determine how a narrative unfolds, for example the use of geo-location in contextualised fiction. Researchers wanted to see if this and other technologies, used in non-academic environments, could be useful for research content. In-depth interviews and service design workshops revealed that users would respond well to a personalised experience, where apps or narratives remembered their last session. Users would like remote online access to the apps and narratives within Library collections using their own devices.

Pratchett Joint Research Project

Pivoting on the Library's comprehensive and growing collection of publications by and about Sir Terry Pratchett, *The Pratchett Project* shows the huge potential for the Library's collections to act as catalysts for new research, new interdisciplinary linkages, and public engagement.

The Library's bibliographic metadata, for example, was at the centre of an experimental public hackathon in September 2019, where participants sought to refine the detailed data of this publishing phenomenon. During the summer, the Project's academic leads issued an Expression of Interest for the Project via social media and received over 70 responses from researchers.

During Culture Night 2019, Library colleagues participated in an eclectic line-up of experts whose talks and presentations wowed and entertained a rotating audience of two to three hundred. The Library was particularly delighted that Trinity graduate Colin Smythe, Pratchett's literary agent and generous donor of Pratchett's international publications to the Library, was in the audience and able to supply many personal anecdotes to the question and answer sessions.

Left: Speakers at Pratchett Translated, 26 September 2019. Back row – James Hadley, Jane Carroll. Front row – Anikó Sohár, Patrick Couton, Maria Ferrer, Piotr W. Cholewa.

Right: John McManus presents *Wrestling the orangutan: Getting to grips with the Terry Pratchett Collection* at the Trinity Long Room Hub on Culture Night.

Integrating Research Collections into the curriculum

The Research Collections team contribute to a wide-ranging field of courses across the University. 2018/19 was another successful year of including Research Collections material in the undergraduate curriculum. A particularly poignant record of the impact of working with original material was presented through an artwork entitled *The youth need to see their greatness reflected in our eyes* by street-artist and teacher, Joe Caslin. The work was commissioned by the University to launch its first University-wide philanthropic campaign, *Inspiring Generations.* The artwork brought to life one Trinity Access Programme student's experience of her English course: working with Samuel Beckett's manuscripts as part of Dr Julie Bates' *Beckett Afterlives* module transformed her understanding of him as a writer. The artwork was presented in the most prominent location at the Campanile in Front Square, and features the studied manuscript. See video at https://www.youtube.com/watch?v=3SyFMysx4VA.

Trinity Long Room Hub Arts & Humanities Research Institute and the Library Joint Research Agenda

Established following an external review of the Arts & Humanities Research Institute in 2017, the Library and the TLRH developed their first joint research agenda. The report identifies research developments of 2018/19, including:

– Extremely successful events focused on Terry Pratchett (including public engagement through Culture Night).

– Visiting Research Fellowship of Alex Alsemgeest from the Koninklijke Bibliotheek Library in the Netherlands coming to the Hub to work on the Fagel collection.

– Intensive research undertaken by visiting fellows Chris Pastore and Katherine Zieman.

– The establishment of a new Spatial Humanities research network, working with the Library's extensive map collections.

Inclusion in research conferences

The Library played an active role in contributing to international conferences held at the University during 2018/19, including:

– Presenting a range of contemporary Irish literary archives to attendees of the International Association for the Study of Irish Literature conference.

– The annual international Samuel Beckett summer school.

– Providing tours to the Consortium of Humanities Centres and Institutes, which in 2019 convened in Dublin for the first time.

– The Irish Harp Summer School viewed the Castle Otway and Brian Boru harps in August 2019.

Dublin Apocalypse Manuscript Symposium

The Library co-hosted a one-day symposium with the Schools of Histories & Humanities and English in February 2019, with the support of the TCD Association & Trust. The symposium centred around the 14th-century Dublin Apocalypse manuscript (TCD MS 64) a vibrantly illuminated manuscript of international importance and one of the treasures of the Library. The symposium featured talks from renowned scholars on multiple aspects of the manuscript and its broader context. The symposium coincided with the launch of the fully digitised version of the manuscript.
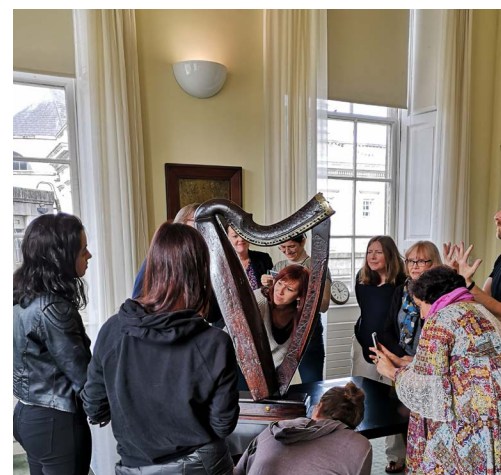
Research from Library collections

Library collections contributed towards many exceptional new publications during the academic year, including:

– Christine Casey and Patrick Wyse Jackson, editors *The Museum Building of Trinity College Dublin: A model of Victorian craftsmanship,* Four Courts Press, 2019.

– Shonagh Hill, *Women and embodied mythmaking in Irish theatre,* Cambridge University Press, 2019.

– Rory Sweetnam, *Defending Trinity College Dublin, Easter 1916,* Four Courts Press, 2019.

– Anne Van Weerden, *Catherine Disney: A biographical sketch*, self-published 2019.

– Paul Walsh, *Renaissance Galway: Delineating the seventeenth-century city*, Royal Irish Academy, 2019.

– Vivien Whelpton, *Richard Aldington: Novelist, biographer and exile 1930–1962*, The Lutterworth Press, 2019.

Library collections also featured extensively in international TV coverage, including:

– Robinson Collection filmed for *Daniel O'Connell: Forgotten King of Ireland*, RTÉ, 22/29 August 2019.

– 1641 Depositions for *Charles I: Downfall of a King* BBC Four, 9 July 2019.

– Fagel Collection filmed for a special feature on the Dutch Royal Visit to Ireland, NOS Dutch Broadcast Foundation, 15 June 2019.

Additional outputs in other media include:

– Several performances of Ina Boyle's work, using performing editions produced from Library manuscripts (TCD MS 4047-4173):

   • Overture for Orchestra – Belfast, Ulster Orchestra, 30 October 2018.

   • Soldiers at Peace – London, Highgate Choral Society, 3 November 2018.

   • Symphony no. 1 'Glencree' – Dublin, RTÉ National Symphony Orchestra, 1 February 2019.

   • Violin Concerto – Sanremo, Italy, Sanremo Symphony Orchestra, 7 March 2019.

   • Wildgeese – Munich, Munich Philharmonic Orchestra, 7 July 2019.

Old Invitations: Student Forum response to the Douglas Hyde Gallery archive

A special exhibition and series of performances entitled *Old Invitations* was held at the Douglas Hyde Gallery to conclude the year-long celebrations of its 40th anniversary. A DHG Student Forum response to the DHG archive in Trinity Library, it included: projections of documents; a recreation of a past exhibition based on thumbnail drawings of the exhibits; and an installation based on correspondence between a journalist and an artist. See https://www.douglashydegallery.com/old-invitations.

Left: Viewing of the Castle Otway harp in the Henry Jones Room by participants in the 2019 Harp Summer School.

Right: Re-Aftermath - 3D projection by Theo Hynan-Ratcliffe.

Below: *Inspiring Generations* New York launch, held in the Pierpont Morgan Library.

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4. Prioritised Funding

Our ambitious initiatives will be dependent on creating an integrated, prioritised funding strategy, to identify new and alternative funds and resources, and to repurpose current funds.

Inspiring Generations Campaign

The University launched *Inspiring Generations*, the first capital campaign of a university in Ireland in May 2019. The Library is one of the flagship projects at the heart of this ambitious philanthropic campaign. There are two complementary and intertwined Library programmes: the Old Library Redevelopment Project; and the creation of a Virtual Trinity Library from the magnificent unique and distinct materials (see below for details).

Following the uplifting launch in Dublin, the Library was featured in campaign launches in London, Paris and New York. At the New York launch, held in the beautiful surroundings of the Pierpont Morgan Library, the Librarian drew parallels between it and our Library. Mr Morgan's historic library is beautifully preserved and protected, juxtaposed with the contemporary IM Pei courtyard. This is the essence of what the University must do: to protect and preserve the historic 18th-century Old Library, while simultaneously creating a 21st-century Library.

21st-century benefactors and patrons of the Library are being developed through *Inspiring Generations*. Furthermore, philanthropic support for the Old Library Redevelopment Project will also be essential to leveraging funding from other sources and public bodies.

In tandem with the structural redevelopment plan, the University aims to scale digitisation across nine key collection areas, creating a new digital research entity that connects the Library in a virtual network with the other great libraries of the world.

Virtual Trinity Library: **A new Irish research entity that is open for the world**

In parallel to the structural redevelopment of the Old Library, this complementary programme to create a new virtual library was established in 2018/19. Virtual Trinity will be a new Irish research entity and digital library open to the world. A key part of the philanthropic campaign for the Library, Virtual Trinity will consist of a series of projects to catalogue, conserve and digitise the unique and rare collections of the Library. It is envisaged that innovative technology will also be used to enhance access and use of this virtual Library. Chaired by the Vice Provost and Chief Academic Officer, Jürgen Barkhoff, and sponsored by the Librarian & College Archivist, Helen Shenton, the programme governance was confirmed in 2019. Virtual Trinity covers a series of nine themes such as Ireland's literary culture, art and architecture, and Europe's diverse heritage, each of which are supported by academic champions and colleagues. Since publication of the 2017/18 Annual Report, funding of nearly €1.1M has been awarded for projects on Samuel Beckett photographs and correspondence; a collection of Cuala Press prints; the Fagel book and pamphlet collections; and the preservation of born digital archives.

Below: *Curing the Pathologies of Academic Publishing,*
26 April 2019, Science Gallery, Dublin.
Front row (left to right) – Professor Mike Eisen, Professor
Lorraine Leeson, Ms Helen Shenton.
Middle row (left to right) – Siobhán Dunne, Arlene Healy.
Back row (left to right) – Shane Collins, Professor Mani
Ramaswami, Dr James Smith.

5. Suite of Inter-related Policies and Programmes

Given that content is changing so significantly; given the changing roles for the library in the transformation of information into knowledge; and given the challenges of reimagining access, stewardship and content development in the context of the transformational shifts in education, the library must develop a suite of future-facing policies. These are more than business-as-usual policies and more than strategic enablers. These are strategic developments in their own right.

Stewardship Strategy

Air handling. Risk management drives the Stewardship Strategy for the Library, and through on-going assessment enables the establishment of priority actions. During this academic year, the Heating Ventilation and Air Conditioning Unit (HVAC) was replaced with a new Air Handling Unit. This addressed risks due to failing equipment in a priority storage area and ensures a safe and stable environment for important and sensitive collections. The requirements for the collection in the Long Room were the focus of a multidisciplinary team, led by the Keeper of Preservation & Conservation, which provided the recommendations to the Old Library Steering Committee. Achieving an improved environment for the collections in the Old Library will enable the Library to reach the target of keeping 60% of Library collections in storage conditions consistent with recommended standards.

Climate Action Group. The Library continued to promote preservation and conservation through advocacy, participation and training. In collaboration with the College Risk Officer, a Climate Action Group is looking at the risks and mitigation strategies required to ensure the preservation of all University collections and significant buildings. In November 2018, the Library co-hosted a workshop with international expert Dr David Saunders on *Museum Lighting from Theory to Practice*, which was attended by professionals from national cultural institutions and the conservation sector.

Supporting next generation talent. The Library participates in the conservation degree programme at the Institut National du Patrimoine by providing a six-month practical placement for a final-year student; and the Lycee des Arts Graphiques et des Arts du Livre degree programme, with a short Erasmus placement to a final-year student in book design. Placements were also provided for a University of Delaware student; and a Heritage Council of Ireland funded internship to a graduate of the Conservation of Books and Archival Materials degree, Cremona, Italy.

Conservation. Conservation treatment was completed on a number of significant items from the collection including: a folio from the Book of Leinster (MS 1339) in preparation for loan; a Greek palimpsest manuscript with 13th-century over-text (MS 28); William Hamilton's notebook (MS 1492/53); *The whimsical medley* (1725) – three volumes of 18th-century poetry (MS 879/3); and letters to Archbishop Ussher (MS 943).

## Extending the lifespan of de-accessioned books

Every year, between one and two thousand books are removed from General Lending collections. These are multiple copies of titles that were purchased for teaching and learning but have become superseded by new editions. The Library always keeps at least one copy of each edition and gives the copies that are no longer needed to the University's paper recycling scheme (as per the 2017 Disposal Policy at https://www.tcd.ie/library/about/policies.php). In spring 2019, the Library initiated a pilot to extend the lifespan of such books. After a rigorous de-accessioning process, they were collected by a commercial company and sold online alongside similar books from other libraries. The Library determines the use of a small percentage of the profits derived. During the pilot phase, this is donated to the National Adult Literacy Agency (NALA) charity. The pilot will be evaluated at the end of the 2019/20 academic year.

Visibility and Access Programme

New additions to Stella Search. Thousands of records were added to Stella Search for items in collections that had previously not been available for consultation, such as the music library of Ebenezer Prout (1835-1909); or were recorded in difficult-to-access catalogues, such as the old Accessions Catalogue. An exciting development is an emerging project to migrate the catalogue records from the 1872 Printed Catalogue into Stella Search. A scoping exercise was completed during the year, and further work on maximising automation while ensuring data quality will continue into 2019/20.

Arch C. Elias bequest. Summer 2019 saw the completion of cataloguing of printed items from the Arch C. Elias bequest, containing material by and about Jonathan Swift (1667-1745). This outstanding collection was bequeathed to the Library in 2008 by the independent scholar Dr Archibald C. Elias, Jr (1944-2008), and strengthens the Library's important Swift holdings.
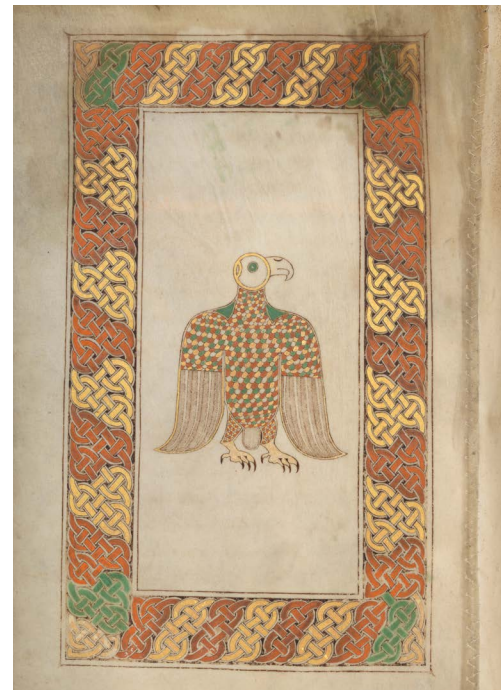
Above: Eagle symbol from the Book of Durrow, MS 57 fol 84v.
Left: Molly Alden Childers at the Howth gun running, 1914. Childers photograph collection MS 7890.

Above: Map of Galway from the *Hardiman atlas*.

Digital Content Creation Policy and Programme

Digital Content Creation Manager. The Library's Digital Content Creation programme made major advances in 2018/19, not least through the appointment of a new Digital Content Creation Manager to lead the Digital Collections unit and support progress towards replacement of the Digital Collections repository.

Achievements in digitisation. Key items digitised this year include photographs from the extensive Erskine Childers collection from Manuscripts & Archives, and high-profile items such as the 8th-century Book of Durrow.

Hardiman atlas. A large engraved map of Galway, part of the Hardiman atlas, was digitised in Digital Collections this year. The dimensions, over 2 metres long and almost 1.5 metres in height, necessitated taking 12 digital images which were then electronically stitched together to reveal a wealth of detail from the 17th-century city (MS 1209/73).

Official Publications Pilot Project

Over 100 volumes of Irish Official Publications were digitised in order to assess the best way to make this material available to more users. The range of digitised content - which included material on healthcare, marine life, agriculture, tourism, cultural heritage, education, medicine, trade and shipping - highlights the diversity and depth of this valuable collection.

Theses Digitisation Project

The project to digitise Trinity's doctoral theses continued during 2018/19, reaching an important milestone: all theses submitted since the year 2000 have been included. In addition, the Library digitised the most frequently requested earlier theses. Work is ongoing to check quality, to double-check embargoes, and to upload the files to TARA. Together with theses for which a digital version could be sourced from the author or the academic department, there will be over 4,500 theses in TARA, right up to the introduction of mandatory e-theses submission (2017/18). The final phase of the project will be to digitise the remaining doctoral theses, estimated at about 2,100 volumes.

Below: Queen Máxima of the Netherlands, with Laura Shanahan, Head of Research Collections, viewing the Brian Boru Harp in the Long Room.

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6. External Facing Events and Communications

International visitors to the Library

The Library hosted a number of international visitors to the Old Library in 2018/19, including:

- American businesswoman and celebrity, Martha Stewart, October 2018.

- The Minister of Foreign Affairs and Trade Promotion of Malta, the Honorary Carmelo Abela, and the Ambassador of Malta, Mr Leonard Sacco, February 2019.

- A State Visit of their Majesties King Willem-Alexander and Queen Máxima of the Netherlands, June 2019. This visit was particularly significant for the Library, as the royal couple viewed some items from the Fagel Collection, the finest surviving 18th-century Dutch private Library – acquired for the Library of Trinity College Dublin in 1802 – and a key component in the *Virtual Trinity Library* campaign.

- State Minister of Education of the Slovak Republic Ms. Olga Nachtmannova, September 2019.

Collection loans

The Book of Durrow and *Anglo-Saxon Kingdoms: Art, Word, War* at the British Library

The Book of Durrow, one of the earliest surviving decorated Gospel books in Western Europe, was lent to the British Library for a landmark international exhibition of early medieval manuscripts and other objects. *Anglo-Saxon Kingdoms: Art, Word, War* explored the riches of art, culture and ideas in the six centuries of the Anglo-Saxon period, up to the Norman Conquest.

The University has been custodian of the Book of Durrow for the nation since the 17th century. It is one of the most significant manuscripts in Ireland and lent very rarely. The British Library exhibition was an internationally significant, once-in-a-generation opportunity to see the most important

European manuscripts together and alongside contemporary metalwork, for example, materials from the Staffordshire Hoard. The Library worked closely with the British Library on the exhibition which took several years to plan, and ran from 19 October 2018 to 19 February 2019.

To coincide with the exhibition, the Library completed the digitisation of the Book of Durrow and created an on-line exhibition on the Google Cultural Institute platform. *The Book of Durrow* by Professor Rachel Moss was published by Thames & Hudson to coincide with the exhibition launch. *The Book of Durrow* is in the same series as the recently published volume on the Book of Kells.

The Library also worked closely with people from the Durrow community in County Offaly. For example, University colleagues held an event with local school children using the newly digitised Book of Durrow on iPads.

The 1,300-year old codex joined major manuscripts from around the world, such as the Codex Amiatinus, the oldest complete manuscript of the Bible in Latin, the Lindisfarne Gospels and the Domesday Book. The Book of Durrow was displayed with the Echternach Gospels which is very close in ornament and script to the Book of Durrow. The Echternach Gospels manuscript was lent by the Bibliothèque nationale de France (from the Irish foundation now in Luxembourg). The two manuscripts had not been seen together since 1953, when the Echternach Gospels came to Dublin for exhibition in the University.

Over 100,000 people visited the exhibition, with an extraordinarily long average dwell time for each visitor of 2.5 hours.

The exhibition received extensive national and international media coverage, and received five-star ratings from the *Evening Standard* and the *Guardian*. In Ireland, media coverage included the *Irish Times* (print, online and video) *RTÉ Radio 1: Morning Ireland*, *RTÉ News: Six One*, *RTÉ online*, *BBC online*, *Offaly Express* and *Journal.ie*.

Lending the Book of Durrow to the *Anglo-Saxon Kingdoms: Art, Word, War* exhibition was planned before Brexit. As the Brexit context evolved, displaying the shared histories, shared cultures and shared influences across Europe becomes increasingly pertinent. The ability of a 1300–year-old manuscript to transcend borders was underlined, and the importance of collaboration between cultural institutions in such significant partnerships gained focus as a result.

Estella Solomons at *Making their Mark: Irish Painter-Etchers & the Etching Revival* at the National Gallery of Ireland

The Library loaned 14 works on paper to this sensational exhibition at the National Gallery of Ireland in March 2019. Co-curated by NGI's Curator of Prints and Drawings, Anne Hodge, and Dr Angela Griffith from the University's History of Art & Architecture Department, the exhibition introduced audiences to the work of early modern Irish painter-etchers. The collection of unseen Estella Solomons works from the Trinity collections was particularly well received, and has created a new interest in this artist.

LIBER

A highlight of the summer was hosting the 48th LIBER annual conference in partnership with the Consortium of National and University Libraries (CONUL). LIBER is a network of 450 European research libraries.

It was the first time the conference had been held in Ireland. A benefit to the host nation when holding an international conference is that many more people from that country can attend. On average, two or three delegates from Ireland attend LIBER conferences; at LIBER 2019, 74 delegates

were from Ireland, with several talks and posters from Trinity staff. In total, nearly 500 delegates from 37 countries attended.

The conference's theme was Research Libraries for Society. Following an opening address by Dean of Research, Professor Linda Doyle, the other keynotes were given by Astrid Söderbergh Widding, President of Stockholm University, and Richard Ovenden, Bodley's Librarian, University of Oxford. All were fascinating in exploring the theme – from the role of research in society to the role of libraries in a post-truth society, and the role of libraries in taking a stand with major publishers. Videos of all three keynotes are available (https://www.tcd.ie/library/events/liber-2019). Dr Mary Robinson gave an inspiring speech to delegates on one of the most important challenges to society, namely climate justice, delivered under her new portrait in the Dining Hall.

There was very active engagement and extensive help in running LIBER 2019; for example, from Fáilte Ireland. Over 40 CONUL volunteers played a starring role in the smooth operation of the conference and many libraries across Dublin hosted satellite events and site visits.

Feedback from delegates and sponsors was extremely positive. Using Fáilte Ireland's figures, the overseas delegates represent a c. €650,000 contribution to the Irish economy. The Provost was very supportive, as part of deepening and strengthening the University's active participation with Europe. In the two weeks before the LIBER conference, Trinity hosted two other conferences; hosting three international conferences in three weeks showcases the European and international outlook of the University.

Due to colleagues' great efforts, the sponsorship target was exceeded, and the hope is that new sponsors will return to support annual CONUL conferences in the future.

In August 2020 the largest international library conference, the International Federation of Library Associations (IFLA), is coming to Dublin – also for the first time. The success of the LIBER conference was used by the Library Association of Ireland in support of the application to host IFLA.

LibTech Research Showcase

The Library has been cultivating an open innovation research model in partnership with a number of University research centres. As part of LIBER 2019, the Library collaborated with the ADAPT Centre to showcase some of the novel library technology research being undertaken by students and staff. Dr Joeran Beel (Ussher Assistant Professor in Intelligent Systems) presented on *Mr DLib* a non-profit open-source project to provide recommendations as a service for research articles, calls for papers, and academic news. Lucy McKenna, a PhD student in the ADAPT Centre, presented on the Novel Authoritative Interlinking of Schema and Concepts (NAISC) approach which describes an interlinking framework, provenance model and graphical user-interface that has been designed with the needs and expertise of information professionals in mind. Kieran Fraser, a PhD student and Bilal Yousuf, a postdoctoral

Above: Self-portrait by Estella Solomons (1882-1968).

research Fellow in the Adapt Centre, presented research exploring how push-notification delivery and transparency can be improved through the extraction of persuasive features. Recording of each of the six projects presented at LibTech 2019, as well as the corresponding slides and a research demo video, are available on the Trinity LibTech Research Showcase 2019: https://libguides.tcd.ie/libtech2019.

This highly interactive event was attended by LIBER 2019 conference delegates, information professionals, librarians, archivists, computer scientists, and those working in Digital Humanities from institutions across Ireland.

Exhibitions

The busy exhibition schedule included physical exhibitions in the Library spaces and online as well as international and local loans of material to the British Library and the National Gallery of Ireland. This type of public engagement and collaboration with academic colleagues is made possible by the teamwork of colleagues in Research Collections, Preservation and Conservation and Digital Collections.

Drawing your Attention: Four Centuries of Political Caricature

The exhibition, *Drawing your Attention: Four Centuries of Political Caricature*, co-curated by Shane Mawe, Department of Early Printed Books and Professor Gail McElroy, Dean of Arts, Humanities & Social Sciences, in the Long Room included a selection of material from the Nicholas Robinson collection and loan items from the Martyn Turner archive. It was the summer flagship exhibition to coincide with the LIBER conference (see also Section 2, *Integrated Space*). Exhibition space in the Berkeley included two digital cartoon slideshows and a selection of framed Turner cartoons reproduced by Digital Collections. The exhibition was enhanced by pop-up banners, floor and window decals, outdoor advertising, cutouts, guides, and an interactive vinyl wall. An online exhibition went live shortly after the official launch by Dr Mary Robinson on 7 June 2019, see https://www.tcd.ie/library/exhibitions/tcdtoons.

The exhibition's main political themes included:

- Trade Relations
- Gender Disparity
- Political Reform
- International Alliances
- Political Treachery

In addition to the display in the Old Library, an extension of the exhibition continues to run in the Berkeley Library. Admission is free to the public.

A Splendid Tradition: The Gwynn Family Papers

An exhibition of items from the Gwynn family papers was on view in the Long Room from January to March 2019. This collection was generously donated by the family in 2017. The documents in the collection span over 150 years and serve not only as a primary source for the history of the University in the late 19th and early 20th centuries, and also of other events, including the 1916 Rising and the First World War. The exhibition was curated by Ellen O'Flaherty of Research Collections. See https://www.tcd.ie/library/exhibitions/gwynne.


Above: Extended Gwynn family in Provost's Garden, c. 1930. Provost E.J. Gwynn is 3rd from right, middle row.

Ireland and the English Lake Poets

An exhibition featuring the English Lake Poets – William Wordsworth (1770–1850), Samuel Taylor Coleridge (1772–1834), and Robert Southey (1774–1843) – and their connections with Ireland ran in the Long Room from April to May 2019. Through literary treasures from the Library, it explored the socio-political and cultural exchanges between and across Romantic Ireland and England. The exhibition and its online counterpart was curated by Dr Brandon C. Yen (School of English, UCC) and the University's Dr Amy Prendergast (School of English) in collaboration with Research Collections staff, Stephanie Breen and Estelle Gittins. See https://www.tcd.ie/library/exhibitions/lake-poets.

On Speaking Terms: Eight Centuries of Communication Disabilities

This exhibition celebrated the 50 years during which staff in the Department of Clinical Speech & Language Studies have been educating speech and language therapists in Ireland. It provided a glimpse into eight centuries of communication disabilities through a range of manuscripts and early printed books from the Library's collections, which were on display in the Long Room fromSeptember to November 2019. An online version of the exhibition is accessible through the Library's website.
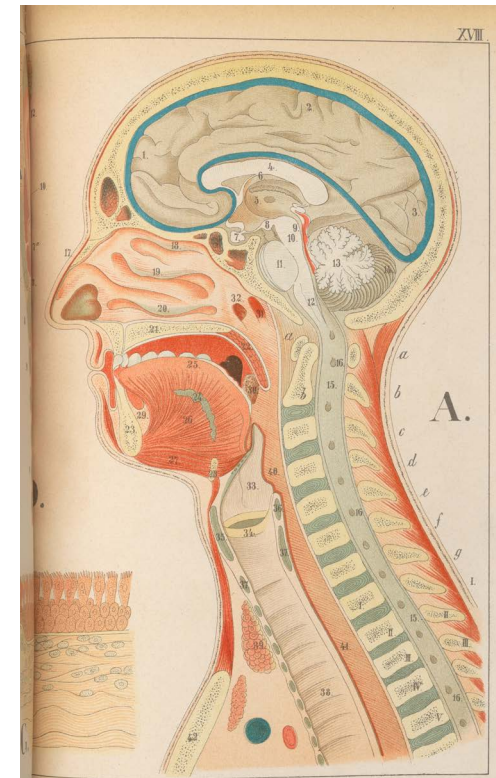
Above: An Atlas of Anatomy (1879) by Florence Fenwick Miller.

The exhibition was the culmination of an interdisciplinary project between Dr Caroline Jagoe, Assistant Professor in Clinical Speech & Language Studies, Dr Deborah Thorpe, Trinity Long Room Hub (TLRH) Fellow and Medievalist and Margaret Leahy, retired member of staff from Clinical Speech & Language Studies, and was curated with the support of Dr Lydia Ferguson and Caoimhe Ni Ghormain from Research Collections. See https://www.tcd.ie/library/exhibitions/on-speaking-terms.

Forever Begin: Commemorating Brendan Kennelly's Life in Poetry

This exhibition, curated by Dr Jane Maxwell in Research Collections, and held in the Long Room in September 2019 (and online), centred around the Library's archival collection of Irish poet and former Emeritus Professor of Modern Literature. It marked the sixtieth anniversary of the first publication of the work of Brendan Kennelly. The Library's academic co-curator was Professor Nicholas Grene, Professor Emeritus of English Literature. The title of the exhibition is taken from a poem which Kennelly says was inspired by his admiration of the courage of ordinary people in doing whatever it takes, every day, to just keep going. The exhibition illustrates his artistic development through engagement with underrepresented groups in society, and shows the reasoning behind his exceptional popularity in print and in public appearances. See https://www.tcd.ie/library/exhibitions/kennelly.

Breaking the Bread of Knowledge: Women in Trinity College Dublin

The *Breaking the Bread of Knowledge* exhibition was planned in conjunction with the earlier online exhibition *Violence, Ridicule and Silence*. Both commemorated the centenary of partial female suffrage. Curated by Dr Jane Maxwell in Research Collections, and held in the Long Room, *Breaking the bread of knowledge* focused on the issue of female education. The exhibits drew attention to the role access to education played in politicising women and the role that educated women played in changing Irish society.

Paint and Click

A decade ago, the Library began its programme of digitizing special collections by publishing a single manuscript online (MS942). The manuscript chosen was a collection of watercolours, many of them military or religious buildings, by military engineer William Smith (1778-1832). To mark the anniversary, an online exhibition was curated by guest curator Colm Murray, the Architectural Officer of the Heritage Council of Ireland, in collaboration with curator Dr Jane Maxwell in Research Collections. See https://www.tcd.ie/library/exhibitions/paint-click.

The Annual Beckett Summer School exhibition

The 9th Annual Beckett Summer School attracted scholars and visitors from across the globe, and the Library curated an exhibition in the Long Room for the launch event. The theme changes each year; in 2019 it focused on the variety of genres across which Beckett worked. It included poetry, prose, plays, and Beckett's self-translation, as well as items of correspondence, photographs and ephemera. The Library took the opportunity to show, for the first time, the most recently acquired material, which relates to the play *Rockaby*. It was curated by Dr Jane Maxwell in Research Collections.

Above: Letter from Bobby Sands, Long Kesh, to playwright John B. Keane, 1979.

Events

Trinity week

Silence **exhibition.** The Library and the School of English collaborated on two projects to explore the subject of *Silence*, which was the theme of Trinity Week. A Long Room exhibition using Beckett's archival materials was curated by Dr Julie Bates, augmented by a series of blog posts on *manuscriptsattrinity*. Beckett is so highly respected that even his abandoned literary scraps are of enormous interest to scholars. The exhibition focused on less privileged individuals who are silenced by society, but who have tried to make their voices heard through writing. Included in the exhibition was a letter from imprisoned hunger striker Bobby Sands.

Blogpost series:

- Bobby Sands and the Imprisoned Voice
- In the Cells: Writing with Improvised Materials
- Beckett: The Prisoners' Response
- Using the Body to Resist
- Telling by Showing: Curating an Exhibition on the Theme of Silence
- A Stain upon the Silence

The second event also referenced Beckett through the recording of the acoustics in the Old Library, before opening hours, and in Beckett's bedroom. An atmospheric sound installation was created by Icelandic artist Darri Lorenzen and performed in the Beckett Theatre during the week.

Above: Assumpta Guilfoyle and Louise Kavanagh pictured with the *Banned Books* exhibit in the Ussher Library.

Banned Books. Inspired by the Trinity Week theme of *Silence*, the Library put together a display of books banned by the Irish State until the 1990s. Despite the ban, the Library received these books through legal deposit, and accessioned them, though access was very restricted. It was a popular stop in the orientation space in the Berkeley/Lecky/Ussher library complex all through summer. In an additional personal element posted on the Library's blog *Tales of Mystery and Pagination* on 17 April 2019, a colleague reminisces about being a naïve 18 year-old country girl put in charge of processing these 'sex books' as part of her first Library assignment in 1974.

Captain Smith's Military Paintings: Public lecture

During Heritage Week 2019 the Library hosted a public lecture about its collection of 19th-century watercolour paintings by Captain Sir William Smith (1778-1832). Clodagh Nelligan, Senior Conservator in the Library spoke about her work to conserve and preserve the paintings. This was followed by an address by Colm Murray, Architectural Officer in the Heritage Council of Ireland.

Awards

The Library received a 2019 International Association of Music Libraries (UK & Ireland) Excellence Award.

Jessica Eustace-Cook was shortlisted for the Provost Professional Staff Award for 'Enhancing the Trinity Experience' in recognition of her work supporting staff and students of the School of Nursing and Midwifery.

Above: Jessica Eustace-Cook, Nursing and Midwifery Librarian shortlisted for the Provost Professional Staff Award for 'Enhancing the Trinity Experience' (pictured here with Siobhán Dunne, Head of Teaching, Research & User Experience).

7. Appendices

FACTS AND FIGURES

Readers' Services –
a summary report for the year 2018/19

Space	2018/19	2017/18	2016/17
Total gross floor area (in square metres)	18,785.29	18,785.29	18,785.29
Reader spaces (16/17 = increased by Iveagh Hall & Berkeley Lower Level)	678	475	438

Information Resource Provision	2018/19	2017/18	2016/17
UK & Irish Legal Deposit items received (books, maps, OPUBs, sheet music)	47,902	49,287	54,463
Purchased items (books, maps, sheet music)	6,425	6,465	5,574
Donations & Theses items (books, maps, sheet music)	3,514	2,156	2,334
Number of print serial titles purchased or Free	6,813	7,254	9,657
Number of electronic serial titles purchased or Free in electronic form	145,111	126,246	116,665
UK electronic Legal Deposit serial articles	1,837,336	160,000*	1,507,166
UK electronic Legal Deposit monographs	196,004	125,182	85,755

Library Use	2018/19	2017/18	2016/17
Orientation Tour Participants: Undergrad, TAP, Mature, Postgrad Information Skills Workshop Participants:	5,587	5,632	4,265
1. Interdisciplinary [Open to All]	1,869	1,296	n/c
2. Programme Specific	6,743	6,201	n/c
3. Research Collections – Programme Specific	400	348	n/c
Searches of STELLA (Library's online catalogue)	4,679,152	3,849,461	4,125,862
Total loan of items to readers (including renewals)	242,300**	314,500	332,000
Full-text electronic article downloads	3,590,586	2,586,653	2,827,242
Electronic book chapter downloads	763,641	647,118	679,134
Research Collections reader visits to the reading rooms	4,748	5,163	5,549
Research Collections email queries	6,854	6,590	5,797

* Note on UK eLD articles: articles were not added to the stand-alone ('beta') catalogue after November 2017, as usage was extremely low; full integration into Stella Search was completed by May 2019.

** The drop is due to the new borrowing rules, which allow more books to be borrowed for longer periods of time, leading to a steep drop in the number of renewals, which count towards the overall borrowing figure.

COLLECTION DEVELOPMENT – SIGNIFICANT ACQUISITIONS AND DONATIONS

Research Collections

Acquisitions. Works acquired by Early Printed Books & Special Collections include: a number of Irish private press editions from the Salvage Press and Graphic Studio Dublin; *Herinneringen uit Japan* (1833), a first edition of the Japanese reminiscences of Hendrik Doeff (1777-1835), with a significant provenance inscription from the author to Hendrik Fagel the Younger (1765-1838), whose family library was purchased for Trinity College Dublin in 1802; and a complete set of first editions of Guinness Christmas books for doctors (published 1933-1939 and 1950-1966).

With the generous support of the Friends of the Library and with assistance for access from the Gladys Krieble Delmas Foundation, the Manuscripts and Archives Department acquired materials relating to Beckett's engagement with theatrical producer Dan Labeille, concerning the first production of the work *Rockaby* (includes letters, text, images, printed works) (MS11592). Other significant purchases include the autograph manuscript of section III of Bram Stoker's *Famous imposters,* originally a part of MS6168 (MS11603); letters of George Bernard Shaw (1920s-1940s) (MS9308/810-14); a collection of works by artists Mary Duncan (1885-64) and Edith Somerville (1858-1949) (MS11597) as well as five works by artist Edith Somerville (1858-1949) (MS9787/203-7a); and a photograph album associated with Molly Childers (MS11601).

The Map Library acquired 45 maps through purchase and 107 maps through donation.

Donations. Donations to Early Printed Books & Special Collections include: a limited edition of *Foirades/Fizzles* by Samuel Beckett ([London and New York], 1976) with etchings by the American artist Jasper Johns (1930-), gifted by TCD Alumni Alan Baer; a comprehensive collection of the early editions of the works of Charles Lever (1806-1872), Ireland's foremost novelist in the 19th century, assembled and donated by Professor Terence Bareham; a collection of books which belonged to T.W. Rolleston (1857-1920), an important figure in Ireland in the 19th-20th centuries who wrote on a range of literary and political topics.

Significant donations to Manuscripts & Archives include: a digital archive of the Dublin Jewish community consisting of recorded interviews and photographs (2007-8) by Dr Melanie Brown (MS11600); the Con Leventhal and Ethna McCarthy collection gifted by Professor Eoin O'Brien (MS11602) - the printed book of poetry *Ethna McCarthy: Poems*, published by Lilliput Press, was launched in the Long Room Hub in November 2019; and a selection of Roger Doyle's scores, notebooks, printed books and recordings (MS11609).
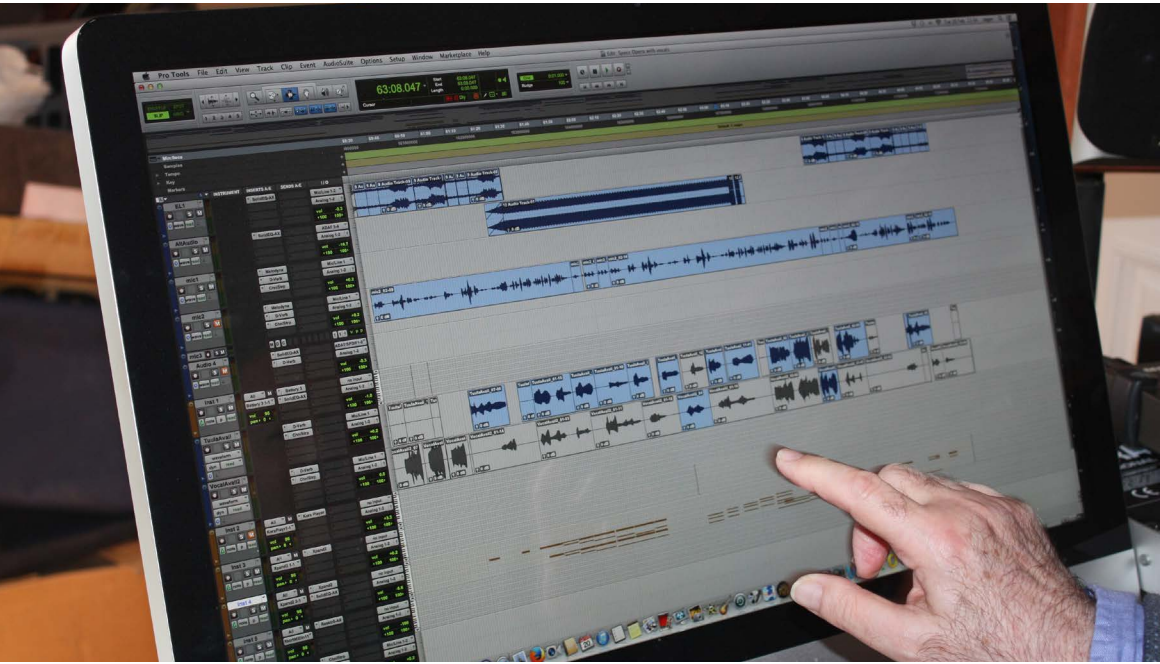
College Archives. Accessions to the College Archives this year include: papers of Trinity women graduates spanning the period from the 1920s to the 2000s (TCD MUN SOC WGA (2018)); the papers of the late David Simms, former Associate Professor of Mathematics and Fellow Emeritus (TCD MUN P 102); the papers of Professor John Heywood, former head of the Department of Education (TCD MUN P 103).

New electronic resource acquisitions

The Library purchased 11 new, diverse electronic resources supporting research, scholarship and education across multiple disciplines. The resources can be accessed from the Library website, on- and off-campus.

- **Covidence** - an innovative online platform that accelerates research to action by streamlining the systematic review process.

- **Altmetric** - monitors and reports on the reach and impact of institutional research using metrics and qualitative data that are complementary to traditional, citation-based metrics.

- **Nineteenth Century Collections: Children's Literature and Childhood** - provides a wide range of primary sources related to the experience of childhood in the 19th century.

- **Nineteenth Century Collections: British Theatre, Music, and Literature: High and Popular Culture** - 100 years of primary sources related to the arts in Victorian times. Includes playbills and scripts to operas and complete scores.

- **Eighteenth Century Drama: Censorship, Society and the Stage** - an archive of almost every play submitted for licence between 1737 and 1824, and hundreds of documents that provide social context for the plays, featuring the John Larpent collection from the Huntington Library.

- **Pravda Digital Archive (1912-2018)** - a digital archive of Pravda, the official newspaper of Soviet communism.

- **Oxford Bibliographies (Classics)** - combining features of an annotated bibliography and a high-level encyclopaedia, these research guides direct researchers to the best available scholarship in Classics.

- **Wiley eBooks (Classical Studies)** - provides full text access to over 160 significant texts dealing with the classical world and all aspects of classical studies.

- **Edmond Huguet, Dictionnaire de la langue française du 16e siècle** - the essential reference for the language of the Renaissance. The dictionary's nomenclature (more than 100,000 entries) offers almost all the words of the Renaissance language.

- **Portail Calvin et Genève 16** - this portal presents all the texts by or about John Calvin which have been published by the Librairie Droz from 1960 to the present, with an initial focus on Geneva, Calvin, and the beginnings of the French evangelical movement with Lefèvre d'Etaples and Marguerite de Navarre.

- **Drama Online (Nick Hern Books)** - provides access to the plays, screenplays and theatre books one of the UK's leading specialist performing arts publishers.

Top: Roger Doyle pointing at a screen of work on his latest composition.
Left: Peter Costello, chair of the Friends of the Library (on left), and the donor of the Beckett Papers, Professor Daniel Labeille, present archive materials.
Right: In Conversation: Professor Eoin O'Brien and Poet Gerry Dawe, editors of the poetry of Ethna MacCarthy (1903–1959).

PUBLICATIONS, POSTERS AND PRESENTATIONS BY LIBRARY STAFF

– Barry, S., Dalton, R., & **Eustace-Cook, J.** (2018). *Understanding change in complex health systems: A review of the literature on change management in health and social care 2007-2017*. Dublin: HSE.

– Bashir, Y., Ul Ain, Q., **Mockler, D.**, & Eguare, E. (2018). Systematic review & meta-analysis of randomised control trials comparing stapled haemorrhoidectomy (SH) versus transanal haemorrhoidal dearterialization (THD) for treatment of haemorrhoidal disease. *Mesentery and Peritoneum, 2*, AB150.

– **Boran, E.** (Ed.) (2018). *Book collecting in Ireland and Britain, 1650-1850*. Dublin: Four Courts.

– **Boran, E.** (2018). Dr Edward Worth: A connoisseur book collector in early eighteenth-century Dublin. In E. Boran (Ed.), *Book collecting in Ireland and Britain, 1650-1850*. Dublin: Four Courts.

– **Boran, E.** (2019). Collecting medicine in early eighteenth-century Dublin: The Library of Edward Worth. In J. Cunningham (Ed.), *Early modern Ireland and the world of medicine: Practitioners, collectors and contexts*. Manchester: Manchester University Press.

– **Boran, E.** (2019). Letters. In H. Hotson & T. Wallnig (Eds.), *Reassembling the Republic of Letters in the digital age*. Göttingen: Universitätsverlag Göttingen.

– Brenner, M., Kidston, C., Hilliard, C., Coyne, I., **Eustace-Cook, J.**, Doyle, C., . . . Barrett, M. J. (2018). Children's complex care needs: A systematic concept analysis of multidisciplinary language. *European Journal of Pediatrics, 177*(11), 1641-1652.

– Broderick, J., Vancampfort, D., **Mockler, D.**, Bennett, K., Waugh, A., McDonough, C., . . . Walshe, M. (2018). Yoga for schizophrenia. *Cochrane Database of Systematic Reviews*.

– Burke, E., Dobbie, F., Dougall, N., Adebolu Oluwaseun, M., **Mockler, D.**, Vance, J., . . . Hayes, C. (2019). Smoking cessation programmes for women living in disadvantaged communities, 'We Can Quit 2': A systematic review protocol. *HRB Open Research, 2*(10).

– Corrigan, L., **Eustace-Cook, J.**, Moran, P., & Daly, D. (2019). The effectiveness and characteristics of pregnancy yoga interventions: a systematic review protocol. *HRB Open Research, 2*(33).

– Corry, M., Neenan, K., Brabyn, S., **Sheaf, G.**, & Smith, V. (2019). Telephone interventions, delivered by healthcare professionals, for providing education and psychosocial support for informal caregivers of adults with diagnosed illnesses. *Cochrane Database of Systematic Reviews*.

– Dyer, A. H., Briggs, R., **Mockler, D.**, Gibney, J., & Kennelly, S. P. (2019). Non-pharmacological interventions for cognition in patients with type 2 diabetes mellitus: A systematic review. *QJM*.

− **Eustace-Cook, J.** (2019). *Successful online database searching*. Paper presented at the Trinity Research Day, School of Nursing & Midwifery, Dublin.

− **Eustace-Cook, J.** (2019). *Training in motion: Efficiencies and opportunities*. Paper presented at the HSLG Conference, Dublin.

− **Fitzgerald, G.**, & **Dunne, S.** (2018). Getting to know Trinity Library: Using video to improve library engagement for students with intellectual disabilities. *AHEAD Journal, 8*.

− Flahive, M., O'Driscoll, J., Dowd, J., Wijewardene, D., Moran, B., **Mockler, D.**, . . . Broderick, J. (2018). Physical function performance and recovery of patients undergoing abdominal surgery in relation to postoperative complications: A prospective real-world study. *Mesentery and Peritoneum, 2*, AB236.

− **Gillis, J.** (2018). *Insular codicology: The materials and methods of the medieval Irish book maker*. Paper presented at the Dublin Institute for Advanced Studies, Dublin.

− **Gillis, J.** (2018). The unfolding discovery of the Faddan More psalter: A personal view. In J. Fenwick (Ed.), *Lost and found III: Discovering more of Ireland's past* (pp. 169-180). Dublin: Wordwell Books.

− **Gittins, E.** (2019). *Princess Clementina's marriage certificate and other Jacobite 'relics' in the Library of Trinity College Dublin*. Paper presented at the Tercentenary of the Polish Princess Clementina's Escape, Dublin.

− Haberlin, C., O'Dwyer, T., **Mockler, D.**, Moran, J., O'Donnell, D. M., & Broderick, J. (2018). The use of eHealth to promote physical activity in cancer survivors: A systematic review. *Supportive Care in Cancer, 26*(10), 3323-3336.

− Higgins, A., Murphy, E., **Sheaf, G.**, Doyle, L., & Keogh, B. (2018). *Mental health service users' experiences of coming off medication: A systematic review of qualitative studies*. Dublin: Trinity College Dublin.

− Kiely, K., **Brennan, N.**, & **Hayes, A.** (2019). Measuring research in the University via senior academic promotions and faculty research metrics. *Procedia Computer Science, 146*, 173-181.

− **Levêque, É.** (2018). *Les reliures dites « romanes » de l'abbaye de Clairvaux: Pratiques d'ateliers en France au XIIe siècle*. Paper presented at the Centre Pratiques médiévales de l'écrit, Namur.

− Malone, H., Biggar, S., Javadpour, S., Edworthy, Z., **Sheaf, G.**, & Coyne, I. (2018). *Protocol: Interventions for promoting participation in shared decision-making for children and adolescents with cystic fibrosis*. Paper presented at the Children's Research Symposium, Dublin.

− Malone, H., Biggar, S., Javadpour, S., Edworthy, Z., **Sheaf, G.**, & Coyne, I. (2018). *Protocol: Interventions for promoting participation in shared decision-making for children and adolescents with cystic fibrosis*. Paper presented at the Temple Street Children's University Hospital, Research, Clinical Audit and QI Day, Dublin.

− Malone, H., Biggar, S., Javadpour, S., Edworthy, Z., **Sheaf, G.**, & Coyne, I. (2018). *Review findings: Interventions for promoting participation in shared decision-making for children and adolescents with cystic fibrosis*. Paper presented at the OLCHC Research and Audit Conference, Dublin.

− Malone, H., Biggar, S., Javadpour, S., Edworthy, Z., **Sheaf, G.**, & Coyne, I. (2019). *Choosing a statistical test: Decision making framework for comparative and inferential studies*. Paper presented at the Trinity Health and Education International Conference, Dublin.

− Malone, H., Biggar, S., Javadpour, S., Edworthy, Z., **Sheaf, G.**, & Coyne, I. (2019). Interventions for promoting participation in shared decisionmaking for children and adolescents with cystic fibrosis. *Cochrane Database of Systematic Reviews*.

− Malone, H., Biggar, S., Javadpour, S., Edworthy, Z., **Sheaf, G.**, & Coyne, I. (2019). *Review findings: Interventions for promoting participation in shared decision-making for children and adolescents with cystic fibrosis*. Paper presented at the Trinity Research in Childhood Centre Research Showcase, Dublin.

− **Mawe, S.** (2019). Best on show: Exhibitions in the Long Room. *An Leabharlann, 28*.

− **Mawe, S.** (2019). *Curating for every audience: The Library of Trinity College Dublin exhibition of political cartoons*. Paper presented at the LIBER Conference, Dublin.

− **Maxwell, J.** (2019). *Dear giddy brat: The letters of the Bishop of Elphin to his daughter, 1747-1751*. Paper presented at the Meeting of the Friends of the Library and the Trinity Women Graduates Association, Dublin.

− **Maxwell, J.** (2019). Monstrum horrendum: A newly discovered poem from County Offaly in the 1641 Rebellion. *History Ireland, 27*(5), 22-23.

- **Maxwell, J.** (2019). *Monstrum horrendum: A newly discovered poem in Trinity College about County Offaly in the 1641 Rebellion*. Paper presented at the launch of Clemens von Ow's *Lettice Baroness Offaly and the Siege of Geashill*, Geashill.

- **Maxwell, J.** (2019). *Silver-tongued Charlie: The poetry of Charles Kendal Bushe of Kilkenny in the Library of Trinity College*. Paper presented at the Offices of the Heritage Council of Ireland on Culture Night, Dublin.

- **Maxwell, J.** (2019). *Your not-so-humble servant: Eighteenth-century servants lives as revealed in the letters of the Bishop of Elphin*. Paper presented at the Birr Historical Society, Birr.

- May, P., Lombard Vance, R., Murphy, E., O'Donovan, M. A., Webb, N., **Sheaf, G.**, . . . McCarron, M. (2019). Effect of deinstitutionalisation for adults with intellectual disabilities on costs: A systematic review. *BMJ Open, 9*(9).

- McCann, E., Donohue, G., de Jager, J., Nugter, A., Stewart, J., & **Eustace-Cook, J.** (2019). Sexuality and intimacy among people with serious mental illness: A qualitative systematic review. *JBI Database of Systematic Reviews and Implementation Reports Journal, 17*(1), 74-125.

- McCarron, M., Lombard-Vance, R., Murphy, E., May, P., Webb, N., **Sheaf, G.**, . . . O'Donovan, M. A. (2019). Effect of deinstitutionalisation on quality of life for adults with intellectual disabilities: A systematic review. *BMJ Open, 9*(4).

- McGarrigle, S. A., Hanhauser, Y. P., **Mockler, D.**, Gallagher, D. J., Kennedy, M. J., Bennett, K., & Connolly, E. M. (2018). Risk prediction models for familial breast cancer. *Cochrane Database of Systematic Reviews*.

- **McManus, J.** (2019). *Wrestling the orangutan: Getting to grips with the Terry Pratchett Collection*. Paper presented at the Trinity Long Room Hub on Culture Night, Dublin.

- McTague, K., Prizeman, G., Shelley, S., **Eustace-Cook, J.**, & McCann, E. (2019). Youths with asthma and their experiences of self-management education: A qualitative systematic review protocol. *JBI Evidence Synthesis, 17*(5), 675-681.

- **Ní Ghormáin, C.** (2018). *The Library of Trinity College Dublin and the Irish Script on Screen Project*. Paper presented at the Irish Manuscripts in the Library of Trinity College Conference, Dublin.

- O'Connell, B., Kelly, A. M., **Mockler, D.**, Oresic, M., Denvir, K., Farrell, G., . . . Wilson, F. (2018). Use of blood biomarkers in the assessment of sports-related concussion: A systematic review in the context of their biological significance. *Clinical Journal of Sport Medicine, 28*(6), 561-571.

- O'Connor, D., Hartnet, J., Bashir, Y., **Mockler, D.**, Griffin, O., Duggan, S., & Conlon, K. (2018). Sarcopenia is highly prevalent and associated with poorer outcomes in Pancreatic, Oesophageal and Gastric Cancer: Systematic review and meta-analysis. *Mesentery and Peritoneum, 2*, AB025.

- O'Dea, M., Hurley, T., **Mockler, D.**, Kyng, K., Bob, P., & Molloy, E. (2019). OC61: A systematic review of serum biomarkers in neonatal encephalopathy to predict short term outcome. *Archives of Disease in Childhood, 104*, A25-A26.

- O'Dwyer, T., Maguire, S., **Mockler, D.**, Durcan, L., & Wilson, F. (2019). Behaviour change interventions targeting physical activity in adults with fibromyalgia: A systematic review. *Rheumatology International, 39*(5), 805-817.

- **O'Flaherty, E.** (2018). Book review: Digital preservation for libraries, archives, and museums, by Corrado, Edward M. & Moulaison Sandy, Heather. *Archives and Records: The Journal of the Archives and Records Association*.

- **O'Flaherty, E.** (2018). *The archives of Trinity College Dublin: An endangered species?* Paper presented at the ICA/SUV Annual International Conference, Salamanca.

- Rahman, A., O'Connor, D. B., Gather, F., Koscic, S., Gilgan, J., **Mockler, D.**, . . . Conlon, K. C. (2019). Clinical classification and severity scoring systems in chronic pancreatitis: A systematic review. *Digestive Surgery*, 1-11.

- **Schmidt-Supprian, C.** (2019). *Finders, keepers: Excavating our legacy collections*. Paper presented at the LIBER Conference, Dublin.

- **Shanahan, L.** (2018). *Collection management through the ages: How little has changed*. Paper presented at the CONUL Collection Management: Sharing Experiences Seminar, Dublin.

- **Shanahan, L.**, & Alsemgeest, A. (2019). *Connections and discoveries: The power of international cooperation for heritage collections*. Paper presented at the State Visit of the King and Queen of the Netherlands, Dublin.

- Shapovalova, A., & **Levêque, É.** (2018). *Beurrière ou reliure? Défets et réemplois dans les reliures de l'abbaye de Clairvaux*. Paper presented at the Institut de Recherche et d'Histoire des Textes, Paris.

- Sheerin, F., **Eustace-Cook, J.**, Wuytack, F., & Doyle, C. (2019). Medication management in intellectual disability settings: A systematic review. *Journal of Intellectual Disabilities*, 1744629519886184.

- **Shenton, H.** (2018). Libraries of the future. In C. Wright & C. Slessor (Eds.), *Special collections* (pp. 97-106): Wright & Wright Architects.

- **Shenton, H.** (2019). Chapter 15: Helen Shenton, Librarian & College Archivist Trinity College Dublin. In P. Lo, D. K. W. Chiu, A. Cho, & B. Allard (Eds.), *Conversations with leading academic and research library directors* (pp. 199-213): Chandos Publishing.

- van Miert, D., & **Boran, E.** (2019). Assembling metadata. In H. Hotson & T. Wallnig (Eds.), *Reassembling the Republic of Letters in the digital age*. Göttingen: Universitätsverlag Göttingen.

- Wilson, F., Walshe, M., O'Dwyer, T., Bennett, K., **Mockler, D.**, & Bleakley, C. (2018). Exercise, orthoses and splinting for treating Achilles tendinopathy: A systematic review with meta-analysis. *British Journal of Sports Medicine, 52*(24), 1564-1574.

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The Library of Trinity College Dublin
Annual Report 2018/19
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Developing the Library's
Strategic Direction 2015—2020

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