

Cambridge University Library

Main University Library and Affiliated Libraries

Annual Report for the Year

2015 – 2016



UNIVERSITY OF
CAMBRIDGE

600 YEARS

CAMBRIDGE
UNIVERSITY
LIBRARY

1416 – 2016

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Executive Summary

Cambridge University Library's 600th anniversary has been both an opportunity to celebrate our history, treasures and the University Library's incredible role in the evolution of human thought, and a vantage point from which to look forward to a future in which we will continue to develop and to contribute in new ways to academic endeavour.

The extraordinary success of the exhibition, *Lines of Thought: Discoveries that Changed the World*, which attracted record numbers of visitors to view some of the University Library's most iconic and best-known treasures, highlighted the contribution of generous benefactions to the development of our collections, from Hunden and Loring's bequest of books in 1416 to the generosity of friends and benefactors who supported the purchase of the Codex Zacynthius in 2014.

It was supported by an events programme that sought out and engaged with wider audiences, both local and global, through an innovative virtual exhibition, an iPad app, and a series of six films featuring expert librarians and curators, all made possible by a generous gift from the Howard and Abby Milstein Foundation. A series of linked events in public libraries across Cambridgeshire gave members of the public the chance to see selected highlights from the collections at first hand.

Throughout the year we continued to pursue our strategic vision. Significant progress on two strategic developments in particular laid the foundations of new ways of working in future. The University Library's proposed Offsite Storage Facility (OSF) moved closer towards becoming a reality when it received approval from the Planning and Resources Committee in June, and in April a contract was signed with Ex Libris, a ProQuest company, for a new library management system and discovery platform

for the libraries of the University. iDiscover, as the new discovery system will be known in the University, aims for the first time to allow users to explore the full range of library collections and subscribed content, from books to ejournal articles, theses, newspapers, digital repository content, digital images, video and archives, from a single interface. Through the FutureLib programme further advances were made in understanding the changing needs of our users that will inform the way in which we plan and develop services and spaces in the future.

Our work to enhance the Scholarly Communication programme in the University grows in strength, with activity in the international arena increasing, including research into areas relating to scholarly communications, presenting at conferences and through social media. We are delivering professional development programmes to the research community and support staff, as well as forging alliances with external partners to find more effective ways of sharing the research outputs of the University.

The achievements of this memorable year in the University Library have been made possible by the hard work, energy, imagination and commitment of our staff.



*Moore Psalter
(MS Ee.4.24)*

Highlights of 2015–2016

Shaping the Future of Library Services

We have been making small changes to our ways of working over the last couple of years through initiatives such as ProcessFix, departmental reviews and management training. Building on these successful initiatives, we are now implementing a programme called 'Shaping the Future of Library Services', which has been designed to underpin the delivery of our ambitious Strategic Plan.

Shaping the Future of Library Services has resulted in an integrated set of activities and projects across the University Library community, which together form a programme of change to respond to a changing and challenging environment. Together they will enable us to deliver on our strategic priorities over the coming years.

There were two main first steps for the University Library. The first involved a structural change which has seen the appointment of three new senior leadership roles. These roles, together with the Librarian and Deputy Librarian, constituted the University Library Senior Leadership Team. The second step was a series of workshops and briefings

for managers and staff, designed to release talent within the organisation to research and develop appropriate ways of working to support the implementation of continuous change, so that together we can drive the development of a range of improved services for our users in both the physical and digital environments.

Three individual strands of work were identified as priorities for the Library during the course of this year and into the next. These were defined as 'Ways of Working', 'Communication' and 'People'. Working groups have been assigned to conduct research, trial projects and measure outcomes in all three of these areas in order to help the Senior Leadership Team make informed choices on where and how to introduce changes that will make a positive difference to our ability to deliver the services needed by our users.

FutureLib Programme

The Futurelib Programme continues to be a core initiative that enables us to explore new roles for library services in the twenty-first century. The Programme continues to employ user experience research



Students making use of one of the prototype reading rooms at the main UL during Futurelib's Protolib project.

techniques and user-centred design to uncover the real needs and behaviours of today's library users and to create new services and products in response to research findings.

Spacefinder, the Futurelib service that matches users' study needs with study spaces, went live in October and received excellent feedback from the student community. In consultation with CUSU and the Disability Resource Centre, interface improvements and enhanced information for disabled students were built into Spacefinder II, which went live in time for Easter Term. With over 15,000 sessions during the year, the service has proved to be a runaway success.

The **Protolib** project, so-called because of its exploration of a range of prototype library spaces, ran for five months from November. Volunteer library staff from across Cambridge assisted the Futurelib team in conducting observation and behavioural mapping in the four environments under study, two of which were in the main University Library. The data gathered from the prototypes resulted in the discoveries of a hierarchy of user working activities, an intensity gradient, and a set of design patterns that will be used as templates for future library space planning.

The viability of a single research platform, which could incorporate academic profiling and scholarly research outputs, whilst also acting as a shop-front for Cambridge's world-leading research, was evaluated through the **North Star** project. Although there are no current plans to take the platform forward, the North Star concept was welcomed by the academics and researchers who were interviewed about their processes and appraised a prototype version.

The information and research behaviour of postdoctoral researchers and PhD candidates was investigated over the summer through a two-week cultural probe study entitled **Snapshot**. This window into the routines and choices of these user groups involved the keeping of research diaries and the completion of a variety of e-tasks such as the creation of cognitive maps of research landscapes, the writing of love and break-up letters to library spaces and services, and a photographic study. This research has pointed up a number of potential services that are currently being evaluated.

There are several exciting Futurelib projects currently in the pipeline for 2016–2017, including an exploration of the role and value of embedded librarians supporting

researchers in STEM subjects and further investigation of library space optimisation through a project that will seek to extend the range of space design patterns uncovered during Protolib.

The University Library expects Futurelib to continue to provide valuable insights and contributions to the user experience of library services across Cambridge.

Office of Scholarly Communication

Now moving towards the end of its second year of operation, the Office of Scholarly Communication (OSC) has expanded to a team of fourteen, managing a wide variety of projects. The OSC has developed a set of strategic goals (<http://osc.cam.ac.uk/about-scholarly-communication/strategic-goals-office-scholarly-communication>) to support its mission: 'The OSC works in a transparent and rigorous manner to provide recognised leadership and innovation in the open conduct and dissemination of research at Cambridge University through collaborative engagement with the research community and relevant stakeholders.'

The OSC runs an intense programme of advocacy relating to Open Access and Research Data Management, and has spoken to nearly 3,000 researchers and administrators since January 2015. In April 2016 the HEFCE policy requiring that all research outputs intended to be claimed for the REF be made open access came into force. As a result, there has been an increased uptake of the Open Access Service with the 10,000th article recently submitted to the system.

Currently half of the entire research output of the University is being deposited to the Open Access Service each month. While this is good from a compliance perspective, it has caused some processing issues because of the manual nature of the workflows and insufficient staff numbers. The financial support for several staff members is still not secured and their continued employment remains reliant on soft money.

The number of data submissions received by the University repository is continuously growing, with Cambridge hosting more datasets in the institutional repository than any other UK university. A recent Primary Research Group report recognised Cambridge as having 'particularly admirable data curation services'. In July 2016 the UK Concordat on Open Research Data was published, with considerable input from the university sector, coordinated by the OSC.



*Introductory workshops
for Supporting Researchers
in the 21st Century.*

The University repository, Apollo (<https://www.repository.cam.ac.uk/>) has been upgraded and new services have been implemented including the ability to mint DOIs and a new Request a Copy service for users wishing to obtain access to embargoed material. This service has had an enthusiastic uptake by the wider community, underlining the value of providing access to our research outputs in this manner. In order to increase efficiency, the OSC is working with the Research Information Office on a systems integration programme between the University's CHRIS system, Symplectic and Apollo. This should allow better compliance reporting for the research community and reduce manual uploading of articles.

The OSC actively engages with multiple administrative areas of the University, taking the lead with a Getting it Together project to align the communication sent to researchers through the research lifecycle and across the range of administrative departments including Communication, Research Operations, Research Strategy and University Information Systems. A new Research Data Management Project Group brings researchers and administrators together to work on specific issues relating to the retention and preservation of data and the management of sensitive data. Several staff members 'hotdesk' between Research Operations, Research Strategy and Cambridge University Press.

The OSC collaborates directly with the research community to ensure that the funding policy landscape reflects their needs and concerns. To that end we have held several town-hall meetings with researchers to discuss issues such as the mandating of CC-BY licensing, peer review and options relating to moving towards an Open Research landscape. We have also provided opportunities for researchers to meet directly with funders to discuss concerns and articulate amendments to the policies. The OSC has led discussions with the sector and arXiv.org, including visiting Cornell University,

to ensure that researchers using this service to make their work openly available can be compliant under the HEFCE policy. The OSC has contributed to discussions at the Wellcome Trust about ensuring better publisher compliance with their Open Access policy.

The OSC has embraced various publisher offset options that Jisc has negotiated for the sector—indeed Cambridge is one of the heaviest users of the Springer Compact in terms of the number of publications that have been made open access under the agreement. However this process has highlighted the challenge of determining the best way to support future access to research outputs, as the Open Access funds are currently supporting some of the activities of the Journal Coordination Scheme such as SCOAP3 membership.

The Supporting Researchers in the 21st Century training programme continues to provide training for the library community, and the appointment of a Research Skills Coordinator has allowed further analysis of skills gaps in the community. Two research projects currently underway will identify the skills requirements and training provision for these skills across the sector, to allow effective future planning. The second tranche of the Research Support Ambassadors programme is currently underway. Nearly half of those who completed the first round have moved into new positions, illustrating the success of the programme.

The OSC provides the research community with a variety of advocacy, training and workshops relating to research data management, sharing research effectively, bibliometrics and other aspects of scholarly communication. These have been enthusiastically embraced and there are negotiations with departments about making some courses compulsory. While this underlines the value of these offerings it does raise issues about staffing and how this will be financed.

Many staff members of the OSC originate from the research community and the team attends and presents at major conferences worldwide, including Open Scholarship Initiative, FORCE2016, Open Repositories, International Digital Curation Conference, Electronic Thesis & Dissertations, Special Libraries Association, RLUK2016, IFLA, CILIP and Scientific Data Conference. Several staff members have been asked to present keynote speeches at major conferences.

Cambridge is participating in the Jisc Shared Repositories pilot and the OSC is hosting an associated Research Data Network conference in September. In July 2016, the OSC organised a conference on research data sharing in collaboration with the Science and Engineering South Consortium, which was extremely well received and attracted over eighty attendees from all over the UK. Other research includes a funded project looking at Altmetrics and an analysis of data needs of the research community in conjunction with Jisc.

Work on theses continues, with the OSC driving a collaboration with Student Services to pilot the deposit of digital theses in addition to printed bound ones with a select group of departments from September 2016. The Unlocking Theses project in 2015–2016 has seen an increase in the number of historic theses in the repository from 700 to over 2,200 with half openly available. An upcoming digitisation project will add a further 1,400 theses. There is considerable effort being placed on developing workflows for managing theses across multiple areas of the Library.

The OSC maintains an active outreach programme. The www.data.cam.ac.uk webpage has been identified internationally as best practice and receives nearly 3,000 visitors a month, the Unlocking Research blog has over 2,000 visitors a month and the Research Data Newsletter is distributed to over 1,700 recipients. The @CamOpenData and @CamOpenAccess Twitter accounts have nearly 1,000 followers each. This outreach fits with the transparent manner of the work that the OSC undertakes, which also includes the active documentation of workflows.

Electronic Legal Deposit

Electronic legal deposit moved to a business-as-usual basis by the end of the year. The majority of UK academic journal publishers are depositing their titles electronically and a significant number of both academic and trade publishers, including Hachette, Palgrave Macmillan, Routledge, Sage and Wiley have moved to electronic deposit for monographs. Over 70,000 legal deposit ebooks were received during the year, a proportion of them from the publishers' backlists in addition to current

publications, and were retrievable in the catalogue within a day of receipt. More than 1,100,000 articles from 6,164 journal titles have been received. The implementation of the iDiscover system is addressing the difficulties previously encountered in making the complete set of articles available to library users. Access to the content has been extended by installing further dedicated terminals in Affiliated libraries, with printing facilities where local arrangements make this possible. The British Library has begun to provide management information to help build a picture of use of the collections.

During the past year collecting attention has turned to other formats, particularly digital maps and music scores, which are a priority for digital preservation but present technical challenges. Deposit of parliamentary and other government publications through Dandy Booksellers has begun while a scheme to identify and systematically collect other official publications is due to launch later than expected in autumn this year. Discussions between the libraries and publishers on newspaper collecting continue. The interface to the Legal Deposit Web Archive will be developed significantly over the coming year to support exploration of the collections by researchers. Thematic collecting this year has included an EU Referendum collection.

In collaboration with other legal deposit libraries, the University Library is preparing for the government review due in early 2018 of the Legal Deposit Libraries (Non-Print Works) Regulations 2013, which extended legal deposit to non-print publications. Access arrangements for visually impaired readers and others with disabilities to meet the requirements of the Equality Act 2010 is a particular focus for the libraries.

Offsite Storage

Having successfully completed the capital planning process, the proposed Offsite Storage Facility (OSF) received approval from the Planning and Resources Committee in June 2016. For this particular type of facility, Estate Management recommended a single stage design and build procurement strategy and the single stage tender process was carried out between February and May 2016.

The OSF, which will house the University's low-use, unique print collections, is anticipated to be located on the outskirts of Ely, and therefore ideally placed to facilitate a regular retrieval service for Library users. The 5,000m² storage facility, comprising of a main book storage hall together with support accommodation, has been designed to achieve BREEAM excellent rating. The construction phase is due to commence in February 2017 with a completion date of May 2018.

iDiscover Programme

The iDiscover programme, to replace the Voyager library management system and implement a new discovery and search interface, has made significant progress in the past year. Following a formal tender process, Ex Libris, a ProQuest company, was selected to provide a new discovery and search and next generation library management system (LMS) to the libraries of the University. Throughout the tender process the programme worked very closely with librarians, data specialists, and technical experts. Librarians representing a wide range of faculties, departments, colleges, and other institutions of the University shaped the formal requirements documents drawn up as part of the tender and took part in the evaluation of shortlisted systems. The University's Procurement and Legal Services departments were closely involved throughout the tendering process and contract negotiations. Since the University Library aimed to procure systems on a 'software as a service' basis particular attention was paid to contractual elements relating to service levels and availability, and to ensuring that data protection arrangements met UK and EU legal requirements.



iDiscover will allow users to search articles, books, manuscripts, images, videos and more all through one easy to use interface.

The new systems, Primo (discovery and search) and Alma (LMS), are both cloud-based with web interfaces, removing the need to acquire and manage local servers or install client software on individual desktops. iDiscover, the local name for Primo chosen by the community, provides a configurable tool to search and explore library materials across all of the collections of the University, bringing together print and digital publications, articles, newspapers, web resources, both subscription and free, and content from Apollo, the institutional repository. Coverage will be extended in future to other formats and collections, including digital images and archival content. It will give students, researchers and staff a coherent experience of library services across the University by providing access from a single interface with elements that can be personalised. A number of personalisation options will be delivered shortly after the system goes live.

Alma will provide University Library staff with a single platform for managing both digital and print collections that will optimise workflows, particularly since they will benefit from working together for the first time in a single shared environment.

The implementation of the iDiscover service is well under way and the system is due to go live in early September 2016. The wider Cambridge library community has continued to be engaged throughout the implementation in testing, training and evaluating the customised interface. iDiscover will replace LibrarySearch and LibrarySearch+ services, which will be withdrawn. Detailed project plans have already been developed with Ex Libris for the implementation of Alma, the library management system, which is scheduled to go live in Summer 2017. An extensive programme of work has been taking place over the past year to optimise and de-duplicate data from the multiple databases that will be migrating into a single Alma system.

Janus Replacement

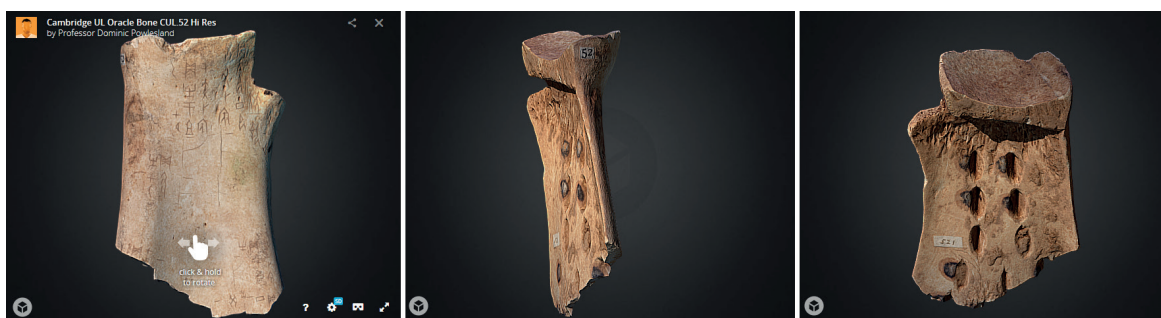
The University Library is currently undertaking an evaluation of needs around the cataloguing and management of archival collections with a view to implementing a new archival management system and a discovery system, the latter to replace the current Janus catalogue. An external consultant has been working with archivists from Cambridge University Libraries, colleges and other institutions within the university to identify and analyse requirements, review the various products and how they meet those requirements, and to produce a business case for approval. In the year ahead, the University Library intends to move forward with the identification and implementation of a preferred solution.

Digitisation and the Digital Library

The last year has seen continued significant growth for the Digital Library, with the launch of eight new collections, bringing the total to thirty-six, comprising 30,374 items and 328,595 images. The University Library's exhibitions programme stimulated several important additions, including the Moore Bede, the Gutenberg Bible and Shakespeare's First Folio, as well as the world's first 3D image of an ancient Chinese Oracle Bone.

The Digital Library also extended beyond the University Library's collections to include material from colleges and other institutions in Cambridge: the fascinating wartime photographs and diaries of the Cambridge sinologist Joseph Needham, held at the Needham Research Institute; a collection of the historical ecologist Oliver Rackham's notebooks from Corpus Christi College; and a superb set of eighteenth-century Cambridge miniatures from Downing College Archive.

The digitisation of the University Library's special collections continues with large additions to the Royal Commonwealth Society collection, and the establishment



The earliest-known example of Chinese writing – written more than 3,000 years ago on the bones of an ox – became the world's first Chinese oracle bone to be scanned and printed in 3D thanks to a collaboration between Cambridge University Library and the Media Studio of Addenbrooke's Hospital.

Map of the Maingnyaung region in Burma (now Myanmar); one of three maps to be painted by Burmese artists on cloth in ca. 1860, presented to the Library in 1910 and added to the Digital Library in 2016 thanks to a grant from the Anstruther Literary Trust for Rare Books (Maps. Ms.Plans.R.c.1)



of a new Maps collection based around the famous Speed maps and some very early maps of Cambridge. Special equipment was used to photograph two very large Burmese maps, the largest of which measures 4 by 2.5 metres, to create enormous zooming images in our online presentation, and complete stitched-together views of the entire maps for the first time.

The University Library continues to work very closely with research projects and external funding bodies, and this year saw the launch of the Mingana-Lewis Palimpsest of the Qu'ran, with a recreation and transcription of the very early undertext by a leading scholar of Qur'anic manuscripts, as well as continued additions to the digital collections of Darwin manuscripts and Cairo Genizah fragments.

Collection Care

In October 2015 a Library Preservation Policy was formally agreed and adopted. This followed a review of the University Library's approach to conservation and preservation, with the aim of adopting a far more strategic and coherent approach to the treatment of our collections. The adoption of the policy places a new emphasis on our long-term responsibilities to preserve material for future generations. Following the adoption of the policy a review of the activities of the Conservation and Bindery Department led to the ceasing of routine binding of modern printed material in favour of collection monitoring and repair. A new Collection Care Team was established to enhance activities around environmental monitoring, disaster preparedness, box-making projects for the highest risk collections, targeted book repairs, pest management and preservation issues for exhibitions.

Affiliated Libraries

Humanities and Social Science Libraries

The Humanities and Social Sciences group of libraries saw two major changes in 2015–2016. The Politics and International Studies collection moved from its location on the New Museums Site to the Seeley Library on the Sidgwick Site, adjacent to the POLIS Department which moved to the Alison Richard Building in 2012. This relocation brings the collection into proximity with many other related teaching collections and supports increasingly interdisciplinary Tripos courses (e.g. the joint

History and Politics degree that will soon be offered). The Sociology collection remains in the Social and Political Sciences Library next to the Department of Sociology, which will stay on that site for the longer term; the Land Economy collection is moving from Mill Lane into the SPS Library, where it will offer users extended opening hours and enhanced services and support.

Art and Humanities Libraries

2015–2016 has been the first academic year with all Arts and Humanities Libraries affiliated as part of the new Academic Services structure. School-wide ethnographic research supported the FutureLib programme on user experience and library space, with a focused Away Day for the School team exploring how librarians can best support teaching and learning in their Faculties. New ways of working are being introduced within the School libraries in order to meet the changing needs of library users.

Science Libraries

The 2015–2016 year saw a period of consolidation for the Betty and Gordon Moore Library (BGML) following the closure of the Central Science Library (CSL) during summer 2015. The transfer and incorporation of services previously offered by the CSL to the BGML has taken place and the BGML has become the University Library's main physical hub, not just for mathematics, but for the delivery of information services to a much wider (non-clinical medicine) scientific community. In another development, at the request of the Isaac Newton Institute



Book stacks in the Betty & Gordon Moore Library featuring material from the Central Science Library, which closed during summer 2015.



Three Friends of the Library enjoying a display of Library materials during the Friends Summer Party.

(INI), which is adjacent to the Faculty of Mathematics, the INI's library has also been incorporated into the collections held by the BGML. The Medical Library, situated at Addenbrooke's Hospital, has been planning for refurbishment work to the Clinical School building that will be taking place throughout the coming year and which, once completed, will provide an enhanced library space and present opportunities to develop further innovative library services to the Clinical School and the fast developing Biomedical Campus.

Development and External Relations

The Advisory Board, led by Dr Martin Read, has continued to play an active role in the life of the University Library. The Board has provided strategic input into the University Library's priorities and objectives, as well as advice and support for the 600th Anniversary celebrations. Financial support for the celebrations was provided by the Heritage Lottery Fund and the Howard and Abby Milstein Foundation, for which we are extremely grateful.

The Polonsky Foundation generously extended their support with a joint gift of £1million to the Bodleian Libraries and to Cambridge University Library, focusing on digital preservation. This has allowed us to appoint six Polonsky Fellows across the two institutions, who will spend two years focusing on the technical, policy and training challenges of digital preservation.

Over the last year the Development team has grown from a single staff member to a team of three, with

the appointment of a Friends Co-ordinator in October 2015 and a Development Associate in June 2016 (with a dual focus on supporting gifts of collections and financial contributions).

The Friends of the University Library has had a particularly strong year. Following the new appointment, the website and publicity were overhauled and the number of Annual Members more than doubled in only six months. This growth has been reflected in strong attendance at Friends events, including an Exhibition Evening and Summer Party. In celebration of the 600th Anniversary, Friends have been offered Tower Tours, and these have proved enormously popular.

600th Anniversary

The 600th Anniversary of Cambridge University Library provided an unprecedented opportunity to raise the profile of the Library, and to emphasise both its long history and ever-changing role at the centre of the University of Cambridge.

The Lines of Thought exhibition attracted over 48,000 visitors—more than three times as many as any previous exhibition in the Milstein Exhibition Centre. The virtual exhibition has been visited 160,000 times and the accompanying section on the Cambridge Digital Library has had 400,000 visits to date. The content, design and vision of the exhibition received a huge amount of praise and publicity. It has set a new high watermark for subsequent exhibitions and the expectations for visitors and staff.

The series of videos to accompany Lines of Thought, created in collaboration with the University Communications Office, has been viewed an astonishing 400,000 times.

The University Library has organised a wide range of complimentary events over the reporting year. All of these have been well attended, whether they were for the general public, charity events, families, Library staff or the academic community.

A Heritage Lottery Fund grant enabled us to reach an audience not usually well catered for at our exhibitions through specially designed family trails and quizzes based on the exhibition. This funding also allowed us to take material into the county from Wisbech to Yaxley and Burwell, where trained staff met with local groups to share the enthusiasm for material in our care.

The increased profile has been reflected in an enormous increase in the number of supporters at the University Library, with a 1000% increase in the number of people donating to be a Friend of the University Library compared to the previous year. The anniversary also inspired generous donations, including one from the Howard and Abby Milstein Foundation that allowed the University Library to create its first 'app' and to distribute 50,000 copies of the Lines of Thought exhibition guide.

Following a charity event at the main University Library we were approached by the GAP organisation, which delivers practical and creative workshops for people living through difficult circumstances and were pleased to be able to display their artwork in the Entrance Hall.

The Staff Friends and Family Open Day was another success, with a range of opportunities for staff and their guests to see the Library, enjoy music, try a coconut shy, drink Pimms or have a traditional afternoon tea.

The University Library will continue to celebrate its 600th anniversary through to March 2017 with a dynamic programme of exhibitions and events. In September,



Celebrating 600 years by reaching out to new audiences and helping them to engage with our collections.

WORDS THAT CHANGED THE WORLD

600 YEARS OF CAMBRIDGE UNIVERSITY LIBRARY

 <p>Biblia Latina Gutenberg and Fust, 1455 The book that started a print revolution</p>	 <p>Principia Isaac Newton, 1687 Newton's annotated copy of his own revolutionary scientific work</p>	 <p>Epitome Andreas Vesalius, 1543 The book that changed how we see the human body</p>
 <p>New Testament William Tyndale, 1534 The translation into English that cost Tyndale his life</p>	 <p>Beowulf William Morris and A.J. Wyatt, 1895 William Morris's beautifully printed translation of an epic story</p>	 <p>On the Origin of Species Charles Darwin, 1859 Natural selection and where we all come from</p>

Made possible by a generous gift from the Howard and Abby Milstein Foundation

Launched in March 2016, the Words that Changed the World free iPad app allows users to turn the pages of six key texts, and to explore the texts in depth with the help of embedded videos featuring Library curators.

the main University Library will be opening its doors to potentially thousands of members of the public over the Open Cambridge Weekend and the Bridge the Gap charity walk.

In October, a panel of experts will explore the changing role of libraries in the 21st century in response to a specially commissioned piece written and presented by author Ali Smith, during a Festival of Ideas event presented jointly by the University Library and Writers' Centre Norwich. Also on display in the Entrance Hall from October 2016 to January 2017 will be *In Search of New Forms*, a new exhibition of abstract art from Kettle's Yard in celebration of Kettle's Yard's 50th and the University Library's 600th anniversaries.

The University Library's second major exhibition, *Curious Objects*, will open on 3 November and will feature some of the more unusual and unexpected items in the collections, telling the story of the Library not through its printed and manuscript treasures, but through a cabinet of curiosities that opens a window onto the nature of collecting. Later that month, local college students will come for a work experience day at the main University Library during which they will curate a temporary mini spin-off exhibition to *Curious Objects*.

The University Library is planning an event in March 2017 to mark the end of this momentous year.

From 1 October the University Library will be led by a team of three Deputy Directors, who will report to the Acting Librarian, Professor Chris Young.

Patricia Killiard, Acting Deputy Director, Academic Services will provide leadership on library services and resources across the affiliated libraries network in support of teaching, learning and research.

Paul Dampier, Deputy Director, Digital Initiatives is responsible for Scholarly Communications, the Software Development team, Digital Services, who provide IT support, and the iDiscover Programme, which is introducing the new library Discover, Search and Library Management systems.

Mark Purcell, Deputy Director, Research Collections, is responsible for the University Library's Special Collections and Reader Services, as well as Digital Humanities, the Digital Content Unit and Digital Library. He also takes close interest in research collections across the network of affiliated libraries, as well as in fundraising and external relations.

Together, the three Deputy Directors share responsibility for the development of strategy across the twenty-three libraries and convene and chair the University Library's Senior Management Group.

Leadership

The University Librarian Anne Jarvis will leave the University Library on 30 September to take up her new role as Librarian of Princeton University, and the Deputy Librarian Sue Mehrer will leave on 5 October to become Dean of Libraries at Dartmouth College, New Hampshire. The search for the new Librarian will be initiated in September, and from 1 October Professor Chris Young will be in post as Acting Librarian.

Library Syndicate

Professor G J Virgo (Vice-Chancellor's Deputy)

Professor J S Bell

Mrs Y Faghihi

Professor J Goodman

Professor D J Ibbetson

Mrs A H Jones

Professor P Mandler

Dr A M Nicholls

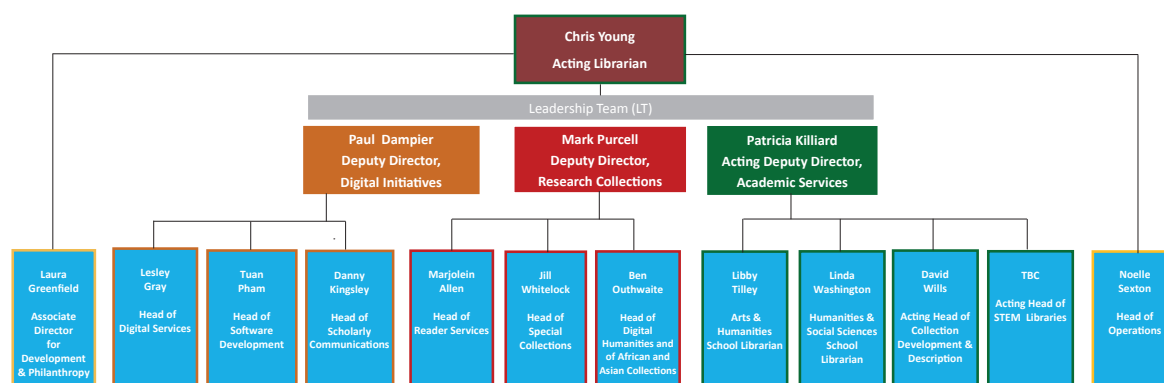
Mr R Ovenden

Dr R Padman

Dr M Read

Professor L Taub

Dr N White



Leadership Team (LT) and Senior Management Group (SMG). As of 6 October 2016.

Major Gifts and Grants

- American Council of Learned Societies
- Andrew Mellon Foundation
- British and Foreign Bible Society
- Cambridge Law Journal
- Cambridge University Press
- Cambridge University Teaching Hospitals
- Clifford R Webb
- Engineering and Physical Sciences Research Council
- Friedberg Genizah Project
- Friends of the Cambridge University Library
- Friends of the National Libraries
- Isaac Newton Trust
- Jardine Matheson Ltd
- Jeremy Bunting Legacy
- Korea Foundation Fund
- Lisbet Rausing and Peter Baldwin Trust
- Medical Research Council
- National Heritage Lottery Grant
- Sir Charles Chadwyck-Healey
- The Howard and Abby Milstein Foundation
- The Parasol Foundation
- Victoria and Albert Museum
- Wellcome Trust

Emma Nichols, a Book and Paper Conservator at the University Library, was awarded a Research Bursary by the Wellcome Trust in October 2015 to help conserve the WWII Changi Internment Camp Archives from Singapore.



Staffing news

Professional Staff Appointments

Starters

Dr Oladeji Famakinwa

Senior Technical Systems Librarian

Dr James Freeman

Medieval Manuscripts Specialist

Wojciech Giel

Senior Technical Specialist, Library Services

Dr Agustina Martinez Garcia

Repository Integration Manager

Sarah Middle

Manager of Institutional Repository

Ben Perks

Management Accountant

Tuan Pham

Head of Software Development

Lee Pretlove

Digital Preservation Specialist – Outreach & Training
(Polonsky Fellow)

Mark Purcell

Deputy Director, Research Collections

Zhipeng Shan

Associate Technical Specialist

Dr Marta Teperek

Research Data Facility Manager

Clare Trowell

Marshall Librarian, Faculty of Economics

Dr Kristin Williams

Head of Japanese Section

Leavers

Sally Barker

Library Management System Programme Manager

Jane Devine Mejia

Librarian of the Faculty of Modern and
Medieval Languages

Dr Kathryn James

Munby Fellow in Bibliography (2015–2016)

Edward Potten

Head of Rare Books

Dr Chris Stokoe

Senior Research Associate, Digital Library

Retirements

Richard Hardy

Buildings Officer

Noboru Koyama

Head of Japanese Section

Adam Perkins

Curator of Scientific Manuscripts

David Piper

Manager of Institutional Repository

Dr Gotthelf Wiedermann

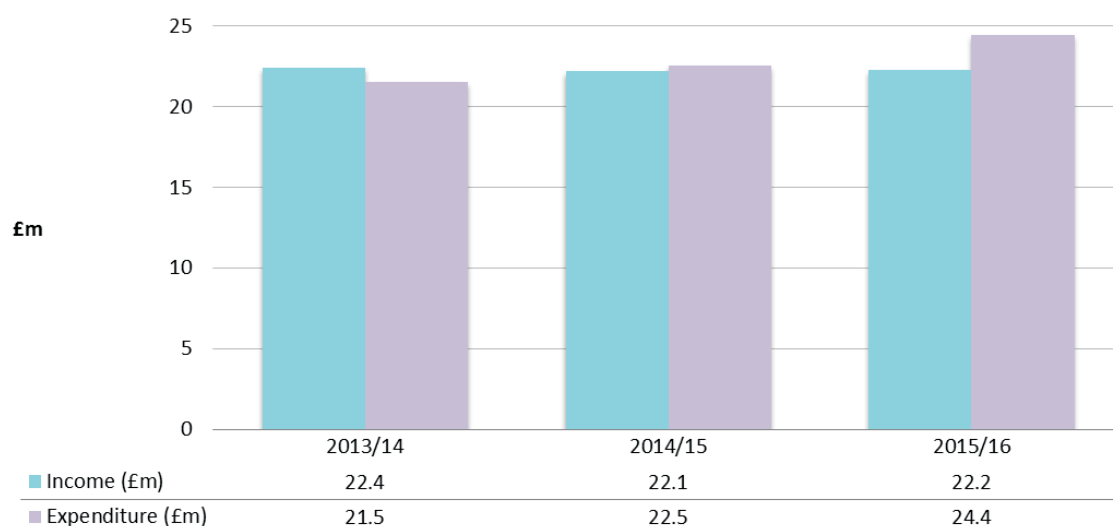
Head of English Collection Development

Peter Zawada

Deputy Librarian, Squire Law Library

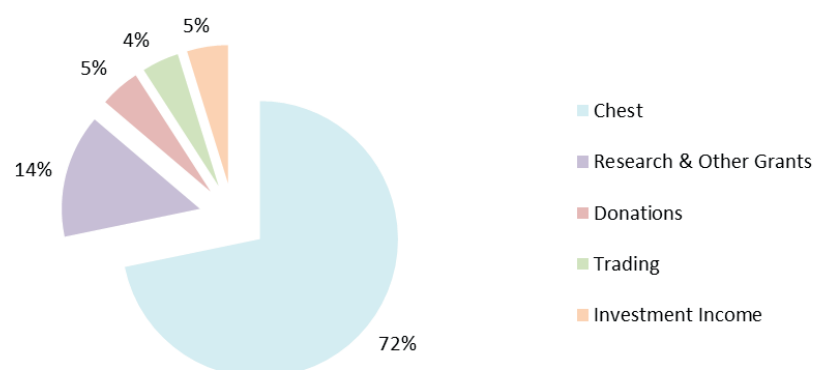
Finance

Total Income & Expenditure

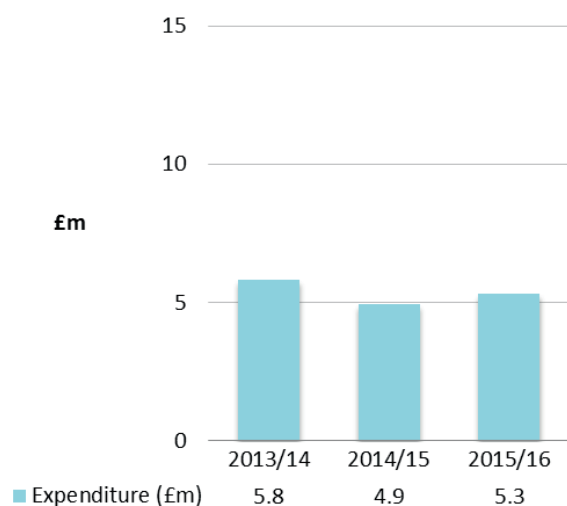


- 1% increase to recurrent Chest baseline after £0.5m reduction in 2015/16
- Recurrent budget transferred in for more affiliated libraries in 2015/16
- 2013/14 income included £1m non-recurrent Chest funding

Income Analysis £22.2m

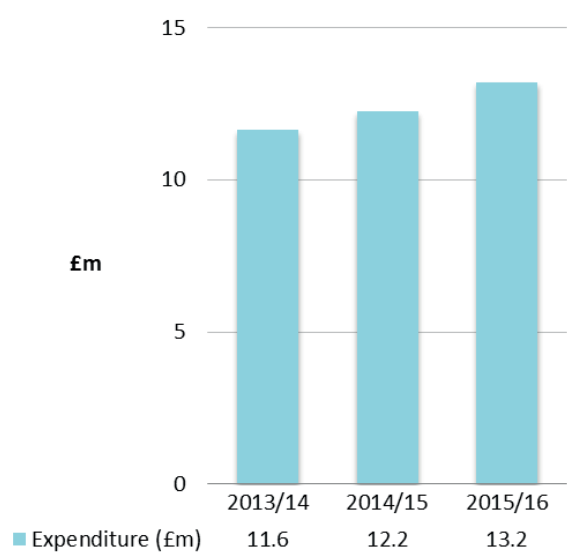


Information Resources Expenditure



- Staff Costs increase in 2015/16 includes
 - More affiliated libraries
 - Costs associated with Bindery closure
 - Filling of Senior Leadership roles
 - Increased pension and NI costs from April 2016
- Information Resources expenditure increase in 2015/16 includes
 - More affiliated libraries
 - Schnitzler archive handover agreement
- Information Resources expenditure for 2013/14 included significant, one-off acquisitions, e.g. Codex Zacynthius and Lewis-Gibson Genizah
- All 2013/14 figures include CARET, which is no longer part of the UL

Library Staff Expenditure



Appendices

Exhibitions and Events

Exhibitions in the Milstein Exhibition Centre

'A damned serious business: Waterloo 1815, the battle and its books', May–September 2015. Prepared by Mark Nicholls and John Wells.

'His royal favour: the books that built the Library', October–December 2015. Prepared by Emily Dourish.

'Lines of thought: discoveries that changed the world', March–September 2016. Prepared by Ed Potten with contributions by Jacky Cox, William Hale, Anna Jones, Suzanne Paul, Alison Pearn, Adam Perkins and John Wells.

Virtual exhibitions (in addition to those relating to the Milstein Exhibition Centre displays)

'A pipeline from heaven: 800 years of Dominican books', prepared by Professor Nigel Morgan and Fr Richard Finn OP.

'Architectural drawings by C. R. Cockerell: designs for the new library, schools and museums of the University of Cambridge', prepared by Max Bryant.

'The fame of Avicenna's Canon of medicine: a view from the Cairo genizah', prepared by Gabriele Ferrario.

Exhibitions in the Entrance Hall

'The Wood Lea Press', July–August 2015. Prepared by John Wells.

'Plots upon the stage': Restoration drama in the University Library', August 2015. Prepared by Liam Sims.

'Cantabrigia geographia: Cambridge in maps 1574–1798', September 2015. Prepared by Andrew Alexander and Anne Taylor.

'Rupert Brooke: 100 years on', September–October 2015. Prepared by Liam Sims.

'Academic books: interactive readers', October–November 2015. Prepared by Sophie Defrance and Liam Sims.

'Architectural drawings by C. R. Cockerell: designs for the new library, schools and museums of the University of Cambridge', November–December 2015. Prepared by Max Bryant.

'The fame of Avicenna's Canon of medicine: a view from the Cairo genizah', January 2016. Prepared by Gabriele Ferrario.

'A pipeline from heaven: 800 years of Dominican books', February 2016. Prepared by Professor Nigel Morgan and Fr Richard Finn OP.

'Lines of thought: discoveries that changed the world', March–September 2016. Prepared by Ed Potten with contributions by Jacky Cox, William Hale, Anna Jones, Suzanne Paul, Alison Pearn, Adam Perkins and John Wells.

Art in the Entrance Hall

'The horizon is the point of no return'. Kettle's Yard art works selected and curated by artist Georgie Grace, alongside two of her own works. February–June 2016

'Anonymous individuals'. February–June 2016

A three month exhibition showcasing the work of GAP Learning graduates. GAP delivers practical and creative workshops for people living through difficult circumstances to promote positive life changes. June–September 2016

Public Engagement and Outreach

e-Luminate

February 2016

The year-long events and celebrations marking the University Library's 600th anniversary started in conjunction with *e-Luminate*. For a week the front of the building and tower of the main University Library was flooded with a coloured lightshow that brought out the dramatic architecture of the building. As a result of this partnership a local firm, Lumie, offered to provide internal task lights as a trial, which they subsequently donated for the long-term benefit of readers.

Open Cambridge

11–12 September 2015

202 visitors took the first ever opportunity to see the Library's Digital Content Unit, and were also shown a display of material associated with the Library's major exhibition 'A damned serious business: Waterloo 1815, the battle and its books'.

Festival of Ideas

October–November 2015

'Historical printing': a tour of the Historical Printing Room.

'What you should (and shouldn't) read': Dr Emily Dourish gave a talk discussing how individual book collectors formed their personal libraries and how some of these collections found their way to the University Library, to accompany the Library's major exhibition 'His royal favour: the books that built the Library'.

'Likenesses': photojournalist Judith Aronson gave a talk about her life and work, particularly focused on the works on display in the Entrance Hall.

'Banned books: controversy between the covers': a drop-in exhibition of books that have been banned at various times and in various countries, exploring the many reasons why books have been banned around the world.

'Patriotism and pinups': a drop-in exhibition of World War I propaganda material held in the Library in the War Reserve Collection.

'Unconsidered trifles': a talk from Liam Sims exploring the War Reserve Collection and World War I ephemera.

'Overcoming distance and time': a display of the Royal Commonwealth Society Collection's maps and photographs, with experts on hand from the Map Department and Royal Commonwealth Society.

Science Festival

March 2016

'The original text message': a tour of the Historical Printing Room.

'Encoding music': a treasure trail of mini-exhibitions throughout the Library ending with a variety of musical activities in the Anderson Room.

'The Hunden games': The Library's first ever escape game, featuring a series of challenges and puzzles inspired by the 'Lines of thought' exhibition.

'Back to the future': a collaboration with the Centre for Computing History featuring a display of 20th-century material on the history of computing and four vintage computers for visitors to try out.

'Now you see it...': the Manuscript Department and the Digital Content Unit joined forces to give visitors a new insight into the care, collection and preservation of manuscripts.

'Data race': the Office of Scholarly Communications challenged Library visitors to a data race.

'Rediscovering Neptune': Adam Perkins explored the relatively unknown controversy behind the discovery of the planet Neptune.

'Science and the séance': Frank Bowles explored the Society for Psychical Research collections.

'Balance of health': the Taylor-Schechter Genizah Project hosted a family-friendly look at medieval medicine.

'Ciphers and spy maps': a collaborative event with the Maps Department, who took visitors into the Library to see a display of spy maps, and James Grime, who gave visitors the rare opportunity to see an Enigma machine.

There were 493 visitors in total.

Cambridge Literary Festival

April 2016

For the first time the UL took part in the Cambridge Literary Festival, hosting an author talk by Andrew Dickson ('Worlds apart: journeys around Shakespeare's Globe') and providing a display of special collections material to compliment the talk.

'Shakespeare for all times and all ages'

April 2016

A collaboration with the English Faculty, hosting a celebration of William Shakespeare's life and death, featuring drop in pop-up talks by members of the English Faculty, a kid's corner curated by the English Faculty Library staff and showcasing some of the UL's collections. 243 members of the public attended this event.

Central Library display (HLF funded)

March–April 2016

A selection of World War I materials from the Library went on display at Cambridge Central Library alongside a display from the Central Library's Cambridgeshire Collection that highlighted the University Library's move from the Old Schools to the current West Road site in 1934.

EngAGE workshops (HLF funded)

February–October 2016

As part of the Library's partnership with Cambridgeshire Libraries, members of staff delivered a series of talks to EngAGE groups at libraries across Cambridgeshire, with a hands-on collection of 21st-century material.

'Revolutions in communication' (HLF funded)

April–September 2016

These workshops were hosted by the Library's Conservation team, featuring a fascinating talk on the history of book-making and a chance for attendees to make their own small personalised books.

'The horizon is the point of no return'

May 2016

Georgie Grace, the local artist who curated the Kettle's Yard exhibition in the Entrance Hall, gave a talk on her own art as well as her reasons for selecting the pieces that made up the exhibition.

Museums at Night

May 2016

'The Hunden Games': The Library's first ever escape game, featuring a series of challenges and puzzles inspired by the 'Lines of thought' exhibition.

Linton Children's Book Festival (HLF funded)

May 2016

'Make your own papyrus scroll': the Conservation team and volunteers from around the Library travelled to Linton with a facsimile of a fragment of papyrus from the 'Lines of thought' exhibition, maps of the Odyssey, and the chance for children to make their own papyrus scrolls.

Tours of the Central Library (HLF funded)

June 2016

Members of staff from the UL and other University libraries visited Cambridge Central Library for a two tours of their public areas as well as behind the scenes and in the Cambridgeshire Collection. There were also two reciprocal tours of the main University Library for members of staff of Cambridgeshire Libraries.

Festival of Wellbeing (formerly People Matter Week)

July 2016

The hands-on EngAGE collection, featuring additional material from the Library collections, was displayed as part of the University's *Festival of Wellbeing* as a drop-in exhibition.

Summer at the Museums (HLF funded)

July–August 2016

'Make & create tent, at the Big Weekend': volunteers helped deliver the 'Make your own papyrus scroll' event at the Big Weekend.

'Stories through time': Marion Leeper, the Bard of Cambridge, told stories from around the world (all found in the 'Lines of thought' exhibition) to young children.

'Discovering Darwin': A drop-in session in which children designed and crafted their own tortoises, as well as sorting through clues about Darwin's life to answer a quiz.

'How big is your brain': Sarah James lead an educational interactive session teaching children about what their brain is, how big it is, and just how important it is for all of us.

Selected Notable Acquisitions *Special Collections*

The papers of the poet J. H. Prynne. The papers represent Prynne's entire literary archive accumulated between the 1960s and the present time and also document his career as a scholar and teacher. They are especially rich in correspondence with fellow late-Modernist poets in the United Kingdom and the United States.

'A catalogue of all the books in the library in Lund Church, October the 27th 1676'. The manuscript catalogue of the library at Lund Church in the East Riding of Yorkshire is the most comprehensive and voluminous catalogue known to survive of any seventeenth-century parish library. Purchased with the assistance of the Friends of the National Libraries and the V&A Purchase Fund Grant.

'Particulars of a survey of the parishes of Horseheath and West Wickham, together with lands adjoining in the several parishes of Bartlow and Shudy Camps, in the County of Cambridge and Wetherfield Parish in the County of Suffolk. The Estate of Thomas Lord Montfort', surveyed, regulated and particularized by John Mackown, 1769 and 1770. Purchased with a contribution from Cliff Webb, via the Friends of the University Library.

Albertus Magnus, *De meteoris* (Venice: Reynaldus de Novimagio, 24 May 1488). The rare first edition of this commentary on Aristotle's *Meteorologica*, in a medieval binding. Purchased with the assistance of the Friends of the National Libraries.

Sinte Bernardus souter onser lieuer vrouwen Maria (Antwerp: Gerard Leeu, 1491). One of only four complete copies of a charming small devotional work aimed at lay audiences attributed to St Bernard of Clairvaux. Every page has woodcut borders with animals, plants and flowers, and this copy has contemporary hand colouring throughout. Purchased with the assistance of the Friends of the University Library.

Francis Bacon, *Saggi morali* (In Londra: appresso da Giovanni Billio, 1617). One of only two recorded copies of this Italian translation of Bacon's *Essays* and *De sapientia veterum*. From the collection of Robert S. Pirie.

As obras do doctor Francisco de Saa de Miranda ([Lisboa]: Por V. Alvarez, Domingos Fernandez liureiro, 1614). The rare second edition of the collected works of one of the most significant Portuguese Renaissance authors. The volume is in a contemporary binding with several contemporary inscriptions.

Manuel de Galhegos, *Gigantomachia* (En Lisboa: Por Pedro Crasbeeck, 1628). The unique edition of this heroic poem with a distinguished provenance beginning with the monastery of Alcobaça and more recently the great Spanish bibliophile Ricardo Heredia, Conde de Benhevis.

Modern Collections

Online resources

Agcensus (Agricultural Census)
Bibliographie de la littérature française
BMJ Best Practice
Codices Vossiani Latini
Digital Commonwealth
Digital Karl Barth Library
 Human Relations Area Files (eHRAF) *Archaeology and World Cultures*
Lecture Notes in Mathematics archive from 1964 onwards
Mass Observation Online
Nick Hern Book Collection
Nineteenth century U.S. Newspapers
Official Publications Online
Screen Studies Collection
Shakespeare's Globe on Screen Collection
Brill ebook collections 2016 (12 Arts, Humanities and Social Sciences subject collections)
Duke University Press ebooks 2016
Oxford Handbooks Online 2016 (11 Arts, Humanities and Social Sciences subject collections)

The Library also subscribed to the *Open Library of the Humanities* and *Open Book Publishers*.

Printed works

Horae B.M.V.: 365 gedruckte Stundenbücher aus der Sammlung Biberbüchle, 1487–1586 / herausgegeben von Heribert Tenschert. Ramsen: Heribert Tenschert, 2014–2015. S950.bb.201.98-103. 6-volume catalogue of printed books of hours. Purchased with funds from the Margaret Green bequest

Katalogos glyptōn / epimeleia, G. Despinēs, N. Kaltsas. Athēna: Ekdosē tou Tameiou Archaio-logikōn Porōn kai Apallotriōseōn, 2014–. S950.01.b.167.1(1a–1b). The first arrivals of a multi-volume catalogue of sculptures held by the National Archaeological Museum in Athens. The volumes received so far cover the period of the 7th century BC to 480 BC.

Le livre d'heures de Jeanne de France. Paris: Citadelles & Mazenod, [2015]. F201.b.4.1. Full colour facsimile of manuscript produced in Angers ca. 1450, given to Jeanne de France, duchesse de Bourbon. It was illuminated by the Master of Jouvenel des Ursins and is now preserved at the Bibliothèque nationale de France (MS NAL 3244).

Russkoe dereviannoe zodchestvo XIV-XX vekov : arkhitekturnaia entsiklopediia / avtor-sostavitel', Sergeĭ Ėkonomov. Moskva: Krasivye doma, [2013]. S950.a.201.4487

Significant Donations (Collections)

Special Collections

800 additions to the Chadwyck-Healey Literature of the Liberation Collection. Presented by Sir Charles Chadwyck-Healey.

Papers of Owen Chadwick (1916–2015). Presented by his daughter Helen Chadwick.

Correspondence and papers of Martin Bernal (1937–2013). Presented by his widow Leslie Miller-Bernal.

Additions to the literary papers and correspondence of George Szirtes.

Two boxes of papers of Brooke Foss Westcott (1825–1901), Bishop of Durham, including a diary of his time in Cambridge. Presented by W. Gerard O'Dea.

Daybooks, 1954–2001, of Raymond Lister (1919–2001), artist and historian. Presented by Pamela Lister.

Lectures and translations of Ralph Manheim (1907–1992), translator. Presented by Julia Allen Manheim as a consequence of the blog post by the European Collections and Cataloguing Department on her husband Ralph Manheim.

Journals, lectures, correspondence and related papers, 1920s–1970s, of Sir Herbert Butterfield (1900–1979), historian, presented by his grandchildren.

Papers and photographs of Dr Pepe Roberts, a teacher and academic whose career focused on teacher training in rural areas of Ghana. The collection comprises over 20 exercise books recording interviews with teachers and community leaders in Ghana during the 1960s, as well as a large box of photographs. Presented by her brother Dr Bill Roberts.

Additions to the Charles Close Society Archives amounting to over 1,000 discrete groups of documents, and an important collection of rare German WWII *Planhefte*. From the estate of Ian Mumford (1925–2015), military geographer, historian of Ordnance Survey and military cartography.

Maps and specialist books. From the estate of C. Ian M. O'Brien (1927–2015), per the Charles Close Society.

Correspondence with Thurston Dart (4 letters) and Howard Ferguson (5 letters). Presented by John Harley.

350 volumes of books on Quakerism bequeathed by the late Deputy Librarian David Hall. These include many scarce early titles not previously held in the Library collections.

A substantial number of items presented by Cliff Webb: 26 bookseller's catalogues, 19th–20th century; 201 Church Guides, chiefly 20th century; almanacs and other printed items, 18th–20th century; 1,339 issues of school magazines, chiefly 20th century, a collection of student rag mags, 20th century.

Modern Collections

- 91 volumes on Spanish colonial art from Latin America. Presented by Richard Boyle.
- 50 German titles from the library of former Syndic Peter Hutchinson.
- 154 titles, predominantly on French social history and French social life and customs. Presented by the Institut français.
- 132 books on Italian history from the library of Denis Mack Smith.
- 193 books on medieval art and architecture. Presented by Professor Nigel Morgan.
- 95 German literature titles. Presented by Professor Roger Paulin.
- 50 German history titles. Presented by Professor Joachim Whaley.
- 438 titles (434 Chinese and 4 English) in 588 volumes, presented jointly by the State Council Information Office of the People's Republic of China and the National Library of China as part of the 'Window to China' scheme.
- 52 Chinese titles in 54 volumes donated by the National Central Library, Taipei, Taiwan.

Transfers

Papers of the Acton family of Aldenham, Shropshire, including correspondence of John, First Lord Acton (1834–1902), historian, assigned to the Library through the Acceptance in Lieu scheme. (MSS Add. 10102–10104)

The library of the Isaac Newton Institute was incorporated into the collections held by the Betty and Gordon Moore Library.



*Front cover image: Front cover image: Canteburgia, London,
George Braun, 1575 (Atlas.4.57.3)*