2017 Annual Report

NTNU University Library
The University Library adopted a new organizational chart in May 2017. The new organization consists of seven sections: five in Trondheim, one in Gjøvik and one in Ålesund.

Work routines and collaboration between the sections have been adapted to the new NTNU over the course of 2017. With sections and campuses in several places and cities, there was a need to strengthen cooperation across the different sections.

At the end of 2017, the library decided to organize its academic components into eight teams designed to work across all sections. This team organization will be implemented in 2018.

A new library director began work on 1 July and a new section manager for the Library Division in Gjøvik, Kristin Aldo, started on 1 September. As a result of the end of the 2016/2017 hiring freeze, many new employees have joined the staff in all sections during the year.

2017 has been a year in which we have collected ourselves after the merger process and time has been spent on planning and preparing for new challenges in 2018.

By the end of 2017, the library had been given a clear role in publishing research results and research data. The University Library has also had a good dialogue with other departments on issues related to university education.

Rune Brandshaug, Library Director, NTNU University Library
Allocation of costs

The library’s total costs in 2017 were NOK 235 million. This is an increase of 21%. The increase came as a result of the merger with the 3 university colleges (University College in Sør-Trøndelag, Gjøvik University College and Ålesund University College). In addition to the costs associated with operating the former university college libraries, there were also additional costs associated with acquiring literature.

The four areas shown in the table below show a great amount of change. This is because the university colleges had a larger share of their costs associated with salary and operations than at the former NTNU, and because the university colleges did not have internal invoicing related to rental costs. In 2016, labour costs were also low at NTNU due to job cuts and because a number of staff left the library.

![Distribution of University Library costs](chart)

Of a budget of NOK 235 million for 2017, 38% was used for literature and 37% was used for salaries.
The merger also resulted in a change in the distribution of costs related to printed and electronic literature. In particular, there have been great changes in the costs associated with printed books after the merger. This is because a substantial part of the university colleges’ purchases were of printed books.

For NTNU as a whole, fewer eBooks were purchased in 2017. This is due to the purchase of a number of eBook archive packages in 2016.

The cost of electronic journals increased by 20%, due both to currency changes and large price increases imposed by the journals themselves.

In total, the purchase of electronic literature (ie, digital content sources) accounts for 95% of the total cost of literature.
Organizational assessments

The University Library has established a series of measurements/variables to assess to use of library staff resources based on the number of primary users, the number of researcher years and the number of credits. This allows us to see how the organization is changing over time. Furthermore, variables have been established to assess the use of collections and literature purchases compared to the numbers of NTNU employees and students.

In general, all variables show an increase in the number of users and the use of the collections based on the number of employees at the library.

The numbers of users per person-year or full-time equivalents (FTE) at the library show a steady increase from 2010-2017. By 2017 there were 200 users per FTE at the library, while in 2010 there were 100 users per FTE. If we assume that the quality of service over this period has remained the same, this suggests that the library is becoming more efficient.

Use of the collections per user (divided into loans, articles / chapter downloads) shows a steady increase from 2011 to 2015. Thereafter, there has been a slight decline to 2017. This drop may be due to a decrease in the number of downloads of digital resources. In 2017, use of the collection per user was 157. The use of printed books has decreased by approximately 10% per year. In 2008 there were 10.6 loans per user, whereas in 2017 there were 4 loans per user. The number of downloads has increased over the same period from 85 per user to 153.

Costs associated with the purchase of literature and access licenses for users in the primary group show a sharp decline from 2015 to 2016. This is due to the merger. The university colleges had a lower literature budget in relation to the number of students and employees than the former NTNU. In 2017, NOK 2 700 was used for literary purchases per primary user.

The number of researcher person-years divided by the number of FTEs in 2017 was 35.2. This measure has shown a steady annual increase and has doubled from 2006 to 2017.

In addition, the number of study credits divided by the number of FTEs at the library has grown and was at 13,000 in 2017, while in 2006 it was 5700. From 2015 to 2016 there was an increase of more than 30%. As a result of the merger, we see that the number of study credits increased more than the increase in the number of FTEs at the library.
Use of library services

Journals

The library subscribes to 38,000 journals.

We have:

- 16,000 printed journals, including both current and former subscriptions
- 22,000 electronic journals, including former subscriptions to which we still have access.

Electronic journals have been preferred over printed journals. Electronic magazine articles are provided by different publishers and suppliers and are available on various platforms.

The articles we subscribe to can be downloaded by all employees and students at NTNU. Visitors to NTNU also have access to these articles. During 2017, almost 3.1 million articles were downloaded. This is an increase from 2.4 million in 2016.

<table>
<thead>
<tr>
<th>Electronic articles downloaded in 2017</th>
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<tr>
<td>Digital platform</td>
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<tr>
<td>------------------</td>
</tr>
<tr>
<td>Science Direct</td>
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<tr>
<td>Wiley online Library</td>
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<tr>
<td>Springer Link</td>
</tr>
<tr>
<td>Taylor &amp; Francis</td>
</tr>
<tr>
<td>Nature</td>
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<tr>
<td>JSTOR</td>
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<table>
<thead>
<tr>
<th>Number of searches in select library databases</th>
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<tbody>
<tr>
<td>ProQuest</td>
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<tr>
<td>Web of Science</td>
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<tr>
<td>Scopus</td>
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<tr>
<td>MathSciNet</td>
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<td>Scifinder Scholar</td>
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Books

By 2017, the University Library had 1.9 million printed books and 604,000 electronic books. The electronic books are a mix of books the library owns and books we subscribe to subscription.

One hundred and thirty two thousand books were borrowed from the University Library’s collections in 2017. This is a decrease of about 10% from 2016. Of this, 122,000 loans were made to NTNU employees and students. Another 10,000 loans were sent to other libraries and institutions.

By 2017, there were a total of 7 140 employees and 40 200 students at NTNU who used the library.

The library also had about 100,000 electronic books available through the Patron Driven Acquisition (PDA) programme. In this type of agreement, vendors provide e-books free of charge to the library over an agreed period. If the book is borrowed more than a certain number of times, it will be automatically purchased. The library may also purchase a certain number of the most used books after the agreement period is over.

<table>
<thead>
<tr>
<th>Number of downloaded book chapters in 2017</th>
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<tbody>
<tr>
<td>Springer</td>
<td>906 060</td>
</tr>
<tr>
<td>ProQ. Ebook Central</td>
<td>685 108</td>
</tr>
<tr>
<td>Safari</td>
<td>97 838</td>
</tr>
<tr>
<td>Elsevier (ScienceDirect)</td>
<td>77 542</td>
</tr>
<tr>
<td>Wiley e-books</td>
<td>40 186</td>
</tr>
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</table>

The table shows the total numbers for downloaded chapters from some of the largest platforms.
How long do visitors stay in the library?

Traditionally, the library has recorded visitor numbers, or how many visits have been made to the library over a specific period. This has been done using counters that physically measure how many people walk through the entrance, with the numbers reported in the annual statistics as the total number of visits to a given physical library during the year.

New digital solutions for recording and storing visitor data make it possible to distinguish between visitors coming in and out, and to measure the number of visits during a selected time interval. This allows us to calculate the median time between people passing in and out of the library, and also the difference between these two measures, which can thus be seen as a reflection of how long visitors stay in the library.

A long residence time in the library suggests that visitors use the library to work, not just to go in and pick up books or ask questions.
BEVISST – enterprise management system

BEVISST is an enterprise management system that provides:

• Better information for management
• Better analyses
• Better planning and budgeting tools

The BEVISST project at NTNU was completed in 2017.

The project's goal was to introduce an enterprise management system and to put in place a system for how BEVISST can be further developed, managed and operated.

As of January 1, 2018, the Department of Business Management is the service provider for BEVISST. A permanent core team will be established to ensure further development and management. The University Library is a member of the steering group and is also responsible for publishing and outreach.

Campus development

NTNU is working to concentrate its different Trondheim campuses in the area around the Gleshaugen campus. This effort began in 2016 and is projected to be completed by 2025. The Campus Project is now in a mapping and concept development phase to define what should be included in this expanded campus area.

The University Library is represented on two of the Campus Project’s working groups. Sølvi Karlsen leads the working group for “Knutepunkt” and Stein Olle Johansen is in the working group for Workplaces. These are important areas and the library is eager to contribute to these groups, as well as to what is happening in the field of Campus Development at NTNU.
Extended opening hours library

An extended opening hours library means that the library spaces can be used before and after staffed opening hours. The library is unmanned and student and employee cards serve as access cards.

The Gjøvik Library has been an extended opening hours library since 2014. Their experience with this approach has been good.

The process to establish the same service at the Ålesund library took longer than expected due to technical and practical challenges. Nevertheless, on 20 November 2017, Vice-Rector Annik Magerholm Fet marked the opening with a ribbon cutting. The library served coffee and cake.

The Extended Hours Library project has as its goal to make more of NTNU's libraries more open in 2018. Libraries are now being physically adapted to make this possible.

All books have to be fitted with a radio chip to allow for borrowing and returns outside of the library's official staffed hours. The libraries are equipped with video surveillance and recordings are stored in accordance with applicable laws and regulations.

The Gjøvik Library and the Ålesund Library now have rooms that are available between 06:00 to 24:00 each day. The students are happy with the offering and it is being widely used, especially during the evenings and on weekends.
New building for teacher education and technology

In December 2017, a new building for teaching and research was completed for NTNU in the E.C. Dahls quarter, centrally located in the Trondheim city centre. The E.C Dahls quarter now consists of a total of six buildings and has been named Lysholmbygget (the Lysholm Building).

The new building is in the middle of the historic quarter that was once home to a sugar refinery and aquavit and beer production. The name "Lysholm" is a nod to the aquavit entrepreneur Jørgen B. Lysholm, who lived here during the 19th century.

The building contains lecture rooms, special areas for different disciplines, classrooms, reading rooms, staff areas and a library.

Starting in January 2018, the Lysholm Building has been used by the Department of Teacher Education, which moved from its old premises at Rotvoll.

With 245 employees and 1,700 students, this is the largest academic community in the field of teacher education and education research.

Early in 2019, the rest of the department, which is currently is located at Moholt, will move to the Lysholm Building.
The Lysholm Library

The technology groups from the former University College in Sør-Trøndelag are still located in Kalvskinnet. NTNU's overall long-term plan is to assemble all technology-related group at the Gløshaugen campus. The move will be undertaken as a number of subprojects and will be spread over 2018 and 2019, according to current plans.

The University Library's new library — the Lysholm Library — currently contains literature collections and other offerings on pedagogy, education and technology. This is a large, beautiful library of 1,225 m² spread over three floors, with approximately 350 workplaces for students, group rooms and literature. Like all of NTNU's libraries, this library is open to the general public.

The library has seven employees. In addition, students act as watches during extended opening hours in the afternoon and evening.

The library also serves as a service centre for students. Oracle services, operated by the IT Department and Student Services have their own contact points.
Education

The University Library, along with the Academic Administrative Division, Education Quality Division and the Student Services Division, is organized under the Pro-Rector for Education.

In 2017 we have worked to familiarize ourselves with the other divisions. Contact with the Learning Support Centre, in the Division of Educational Quality is particularly important to the library.

Making our library services in the field of education known to the other divisions was a priority in 2017. What follows are some of projects we have worked during that period.
User training and guidance

The library provides user training and guidance to both students and employees. In 2017, we held 445 courses with a total of 9,300 participants. The average length of a course was approximately two hours.

The courses provide training in literature searches, the use of reference management tools and courses related to the education of PhDs. The courses were provided to all academic communities and at all educational levels.

The library also provides guidance to students and employees by appointment. In 2017, 551 meetings were held that had an average duration of approximately one hour.

Students were also offered writing evenings, where they are given help to write reports and theses. These were organized in close cooperation with the different academic communities.
Libraries from NTNU’s three cities have developed a common online course for nursing students. The resource is a 24/7 offering that supports traditional teaching and guidance for literature searches related to the bachelor’s thesis.

STEG is a 24/7 offering that supports the library’s more traditional approaches of teaching and guidance on literature searches. The resource is a sample collection of information and demonstrates a literature search specifically related to the kinds of issues that arise during the writing of a bachelor’s thesis. It is offered via the Blackboard Learning Support System and will first come into use during the spring semester of 2018.

With STEG, the three Nursing Education programmes at NTNU now have a common and flexible library resource — the same offer for all students, regardless of the city in which they are studying. In an ongoing merger process, the project has also contributed to the integration of both library departments and academic environments at NTNU.

More about the project:
• Posts at the VIRAK conference June 2017
• The Learning Festival in May 2018
The first part of the methodology course for the newly created master’s degree from the radiography programme in MR imaging is an online course found on Blackboard. The Medicine and Health Library has contributed to several of the lessons. In close cooperation with the radiology education programme and the Multimedia Centre at NTNU, the library has had sole responsibility for the “Information Expertise” lesson. The course was implemented for the first time in the 2017 spring semester.

Collaboration across organizational divisions, with contributions from the educational programmes, the University Library and NTNU’s Multimedia Centre has definitely provided a strong result. In their evaluations, the students have been very pleased with the content, relevance and quality of the offering.

Interdisciplinary cooperation to create online offers:

In front, Randi J. Reidunsdatter, who is responsible for the subject, along with Mariana Bryk, communication adviser.

Back from left: Programme manager Beate Sitter, Geir Andre Pedersen, a university college teacher; Astrid Kilvik, research librarian; and Sin- dre Pedersen, senior research librarian.

Not present when the picture was taken: Kari Sand, postdoc; and Andreas Aarlott from the Multimedia Centre.

More about the project:
• Videos on Blackboard’s help pages
• An article in Universitetsavisa, NTNU’s newspaper, on 18 September 2017
• The Learning Festival in May 2018
Open workshop for bachelor’s students in nursing

The Medicine and Health Library has offered individual guidance on literature searches for nursing students who are writing a bachelor’s thesis. In the spring of 2017, this offer was replaced by a series of open workshops.

The new offering was developed in cooperation with the academic community, so that the workshops did not conflict with scheduled classes. At specific times during the writing period, students can drop in and get help with literature searches for their particular topic. The approach has worked very well and will be continued for future classes.

The guidance workshop in full swing. Amalie and Linda, who are taking a bachelor’s degree in nursing, are assisted by research librarian Astrid Kilvik on how to use a reference tool called Zotero.
Collaboration with the Centre for Teaching and Learning

The Centre for Teaching and Learning serves both to develop and support learning and education at NTNU. It is organized as a virtual network and targets all employees who participate in or facilitate teaching.

The library contributes to this network in its educational role, both in teaching students themselves and as support for teachers and learning environments.

The projects will strengthen the university’s teaching expertise by developing innovative teaching, learning and assessment practices. The library has contributed to the development of projects for NTNU’s Teaching Excellence programme and at the start-up seminar for project applicants. The library is involved and is evaluating the need for library services in the selected projects.

The library works closely with the other units involved in teaching support in our role as part of the network surrounding NTNU’s Centre for Teaching and Learning.
In the wake of the event, the Ada Girls Project was established on the Gjøvik campus, and Guro Storlien was appointed its ambassador.

Young women and technology

The library in Gjøvik marked Ada Lovelace Day on 17 October. Ada Lovelace became the world's first computer programmer when she wrote the description of Charles Babbage's analytical machine. Today, women's special contributions to science, technology, math and engineering are celebrated on Ada Lovelace Day.

Engineering student Guro Storlien gave a presentation on why it is important to mark the day and focus on young women and technology. Guro is 22 and is getting a bachelor's degree in engineering - computer science from NTNU in Gjøvik. She enjoys technology and would like more people to think differently and innovatively about computer science.

Guro expressed a concrete desire to start up an “Ada Girls” project in Gjøvik. A similar offering has been shown to work well at NTNU in Trondheim and contributes to a better gender balance in the technological disciplines. In the long run, it is expected that this improved gender balance will also be reflected in the workplace.
Maker Workshop

The University Library has entered into formal cooperation with the student organization MAKE NTNU and NTNU’s Property Division on the operation of the Maker Workshop U1. The Maker Workshop is an interdisciplinary offering for anyone who wants to get to know and use different technical equipment. The equipment ranges from 3D printers and sewing machines to soldering machines and advanced software.

MAKE NTNU holds weekly courses and workshops. The offering is very well received and the membership in MAKE NTNU has grown greatly since its inception. In addition to formal courses, the premises are manned by students from Monday to Friday during regular teaching hours. This allows students and employees to come in and get guidance when using the equipment in the workshop.
Research

The University Library is under the portfolio for the Pro-Rector of Research. Much of the library’s activity is also linked to research. The library has been given responsibility for implementing NTNU's policy for open publication and open access to data.

Action plans have been prepared for both of these issues, and the university has come a long way in meeting the requirements for open publication. There is still a lot left to be done before all goals are reached. The library has worked in close consultation with the faculties and departments on these issues.

Open access to research data: New policy and action plan

The University Library's support services for open access to NTNU's research publications have been expanded to include open data under the Open Science umbrella. NTNU has drawn up an action plan for 2018-2020. This is in line with the Ministry of Education's "National Strategy for Publication and Sharing of Research Data", published in December 2017.

The action plan describes the start-up of efforts to develop necessary support services for handling and sharing research data.

The library has the main responsibility for following up the action plan and will build up expertise in this area.

One of the first measures is the creation of a working group for open data, where participants from the faculties participate with the University Library.

The library has created web pages about open data, and by 2018 all faculties at NTNU will have a visit from the library.
Scientific publications in 2017

NTNU's 2016-2020 action plan for open access to the university's research publications has the goal of having at least 90% of new scientific publications from NTNU self-archived in NTNU Open. For publications from 2017, 54.9% of the publications were self-archived in NTNU Open or published in the Open Access journal.

The Research Council of Norway (NFR) requires that all scientific articles from 2013-2017 that have been supported by the council to be published openly. Of NTNU's scientific articles published in 2017 that had support from the NFR, 74.1% were self-archived in NTNU Open or published in an Open Access journal.

Registration in NTNU Open

NTNU Open is NTNU's institutional archive. The table below shows what was registered in the archive in 2017 regardless of the release year. NTNU Open contains student theses (both master's and bachelor's theses), doctoral dissertations, scientific publications, and a number of other publications that have not undergone an academic evaluation.

<table>
<thead>
<tr>
<th>Year</th>
<th>Student theses</th>
<th>Doctoral dissertations</th>
<th>Scientific publications</th>
<th>Other publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>2,573</td>
<td>359</td>
<td>831</td>
<td>213</td>
</tr>
<tr>
<td>2017</td>
<td>824</td>
<td>390</td>
<td>2,728</td>
<td>844</td>
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</table>
Applications and commitments from NTNU’s 2017 Publishing Fund

NTNU established a publishing fund in 2013 to finance author payments for Open Access publishing of scientific publications. In 2017 support was granted for 220 applications for a total of NOK 3 355 000. Support has been granted for three books, three book chapters and 214 scientific articles.

Open access journals where the University Library is host

The University Library has established a service called NTNU Open Access Journals for researchers and academic groups at NTNU that would like to start peer-reviewed Open Access journals, or to make existing journals into Open Access journals.

NTNU Open Access Journals offers a complete technical solution for web publishing, while individual journals provide the editorial and management functions as well as peer review from the appropriate academic disciplines. The University Library currently operates 9 such journals.

New titles in 2017:

• Læring om læring (Learning about learning)
• Proceedings of the Nordic Insulation Symposium
• Nordic Journal of STEM Education

Cover of the journal Læring om læring (Learning about learning)
Bergersen, Kjersti; Halvorsen, Joar Øveraas; Tryti, Einar Aagaard; Taylor, Solveig Isabel; Olsen, Alexander.

A systematic literature review of psychotherapeutic treatment of prolonged symptoms after mild traumatic brain injury. *Brain Injury* 2017; Volum 31.(3) s.279-289

NTNU STO
Public outreach

The University Library contributes to sharing NTNU's academic and research activities by providing access to NTNU's collections, both in libraries and online. In 2017 we have had several exhibitions and participated in different ways in several events by providing both information and support.

The University Library organizes lectures, exhibitions and other activities in the libraries. We collaborate with faculties and departments to put together lecture series.

Researchers and PhD candidates are given the opportunity to share their research with students and others in a relaxed atmosphere. The library's experience is that this is a type of outreach that is welcomed by both the academic community and the public.

During 2017, the University Library has been the venue for more than 33 events organized in five libraries: The Medicine and Health Library offered 12 lectures in the series "Fagsnakk" (Academic talk), the Dragvoll Library offered nine lectures in the series "Kunnskap og kaffe" (Knowledge and coffee), the Gjøvik Library hosted eight lectures, while the Natural Science Library and the Economics Library each hosted two lectures.
All lunch arrangements are held in a casual atmosphere in the library’s open premises and not in the separate rooms. They are held at lunchtime, with coffee and cookies and time for questions after the presentation.

Each lecture typically lasts 30 minutes, and has had between 20 to 70 attendees. Several of these presentations have been streamed, which allows them to reach a significantly larger audience online. The academic theme is usually enhanced through a book exhibition on the same topic.

Topics for the presentations have ranged widely, and have included: “Jakten på den gode økta” (In pursuit of a good training session); “Påskekrim: Død og fordervelse ved Trondhjem sykehus” (Easter crime: Death and destruction at Trondhjem Hospital); "Open Access og egenarkivering fra et forskerperspektiv” (Open Access and self-archiving from a researcher’s perspective); "The world’s most annoying bird?”; " Avhengighet av sosiale medier” (Addiction to social media); “Sykkelens historie” (History of the Bicycle); and “Oil and the Middle East: What Explains Political Failure?”

PhD candidate Sofie Snipstad won the Researcher Grand Prix 2016 and holds an engaging lecture at the Medicine and Health Library.

The title of the lecture was “Bubbly nanomedicine against cancer”.

Photo: Anja Johansen, NTNU University Library
Dead bodies on exhibit and the Visible Body

In connection with the Body Worlds Vital exhibition at the NTNU University Museum, a separate project was also established in a shed outside of the museum. The project was called "Your body in motion", and allowed visitors to test different aspects of how the body works.

In this separate project, the University Library provided access to the anatomical atlas called Visible Body. Visible Body is an interactive anatomy atlas that shows the human body in 3D. The atlas allowed visitors to create their own user, post notes and undertake "Test yourself" tasks.
Three researchers - three perspectives on Body Worlds Vital

The Medicine and Health Library organized extended lunch lectures during the Body Worlds Vital exhibition. Three researchers discussed the exhibition based on the question: What can we learn from studying real bodies versus anatomical models? Would you donate your body to this exhibition?

Art historian Ulla Angkjær Jørgensen showed examples from history of how artists and anatomists have worked together to explore the body. What does the average person she when we look at the bodies in Body Worlds Vital? she asked. Do we learn something, or is the audience most looking for a little shock by seeing real bodies exhibited?

Guus Wellesen argued for the importance of studying real bodies and organs. Plastized preparations, such as the Body Worlds Vital exhibition, are particularly important for medical students. If one day we are going to have surgery, wouldn’t we all like to know that whoever is going to operate on us has cut into a real body before? he asked rhetorically.

Anthropologist and nurse Hans Hadders talked about dignity after death when a person has donated his or her body to an exhibition like Body World's Vital. Some of the disturbing but interesting aspects of the bodies in the exhibition is that they act as liminal objects, both as person and body, dead and alive, flesh and plastic.
The online service Gunnerus.no provides access to digital photos, maps and manuscripts from the University Library special collections. You can zoom in on details in documents and also download digital copies. The service is free and replaces BIBSYS Gallery and UB Digital.

In 2017, 43 664 visitors logged in to Gunnerus.no. On average, each visitor undertook three searches. Thirty-nine per cent of visitors came via a Google search. The search engines bring many people who were previously unfamiliar with this online service. Thirty-eight per cent were direct visits by people who knew about the online service from before.

Content from Gunnerus.no is shared daily in social media. Referrals from social media constitute approximately 23% of visitors.

Visit numbers are on the rise and by 2018, our goal is a doubling in number of visits compared to 2017.
Merger of Facebook pages and use of social media

In 2017, the library’s communication group has worked to merge several small Facebook pages from individual libraries with the University Library page. At the turn of the year, the main page had 2570 followers.

Two libraries (the Economics and Management Library and the Medicine and Health Library) have chosen to merge their Facebook pages for the subject areas they serve. These mergers are in line with the recommendations of NTNU’s Communication Division and are part of a larger process being undertaken across all of the university. The goal is to reduce the number of small pages with few followers, varying content and limited scope.

The merger process will continue in 2018, with the goal for the library to have just a handful of Facebook pages. The overall Facebook page is operated by the library’s communications group, and follows a schedule with weekly editors. This ensures higher quality and more regular publishing than before. After merging pages and arranging for a rotation of editors from the communication group, the number of followers has increased at faster pace than before.
Reformation anniversary, 500 years

2017 was the 500th anniversary of Martin Luther's publication of his 95 theses as a protest against the sale of indulgences and to promote changing church practices. His text created ripples throughout the religious world. Luther's thoughts spread rapidly thanks to a massive literary production and close cooperation with book printers.

In connection with this anniversary, NTNU's Gunnerus Library featured an exhibition of documents related to the Reformation. The exhibition included the Danish Reformation Bible from 1550 and a composite volume of Martin Luther's writings from the period 1520-1526.

With roots dating back to 1768, the Gunnerus Library is Norway's oldest scientific library. The library has valuable collections of manuscripts, rare books, maps and private archives.

The historical collections were also highlighted in the Norwegian national media. University Librarian Alexander Lyngsnes was interviewed by NRK P2 for the programme "Da Luther kom til Norge" (When Luther came to Norway).

Books that were almost 500 years old and written by Luther and his contemporaries were also featured by Alexander Lyngsnes his lectures for Kunnskapsbyen.
Science Week

Science Week is an annual national festival where all types of research and educational institutions collaborate to showcase their work to the public in new and exciting ways. The goal is to show how much exciting research is taking place across Norway.

The 11-day festival features a variety of events, with the Forskningstorget (the Research Square) as the largest event. Every year, approximately 7,000 children and young people come to the Trondheim city centre for the event. Friday’s programme is open to elementary school students in the 4th to 10th grades, while Saturday’s programme is open to everyone. This is a unique opportunity to reach the public to showcase some of what the library does.

The theme for the 2017 Science Week was VALUES. This is a broad topic and can be interpreted in many ways, allowing us to ask questions about the value of different things. What is the value of life, of research or truth?

The University Library’s stand was given the euphonious name LØGN OG BEDRAG – LAG BUTTONS I DAG (Lies and deceit— make buttons today). The library’s stand was very well visited by both school classes on Friday and families on the open day on Saturday.

At the end of the Research Square, awards were given for the best stands — and despite competing against race cars, VR glasses and aquariums, the University Library came in second.

Senior librarian Sara Røddesnes, university librarian Johanne Kristiansen and library adviser Una Ersdal were kept busy by the many visitors who came to the library’s stand.
Researchers’ Night

Science Week ends with Researchers’ Night, which is always held on the last Friday in September. Students and teachers from upper secondary schools and from folk university colleges in Trøndelag County are invited to an open Natural Science Building, which is filled with research activities specially created for adolescents and young adults.

The Medicine and Health Library had its own stand with the name: BLI KJENT MED MENNESKEDYRET (Get to know the human animal). Guus Wellesen from the NTNU University Museum helped explain the university’s fields in medicine and health, anatomy and physiology. Students were challenged to learn more about the human body by trying to distinguish between genuine skeletal parts of humans and animals.

They were also able to try out the Visible Body anatomy resource on an interactive screen and eventually tested their knowledge with Kahoot, a learning game developed at NTNU.

The Natural Science Library allowed students to visit the Maker workshop. Here students were able to see how 3D printing works, test virtual reality (VR) equipment and try software for modelling and other exciting technology.

Two students try a Segway.