Knowledge changes everything

Highlights from the University of Oslo’s annual report 2013
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Introduction

The University of Oslo (UiO) has the ambition to strengthen its position as a leading university that excels in research and research-based education. UiO should develop into one of Europe’s best universities and act as an academic powerhouse, a strategic actor and an attractive partner for international cooperation.

Strategic Advisory Board

In 2012, UiO established an international Strategic Advisory Board (SAB) which will help develop the university’s position. The board consists of seven high-profile international experts who will provide feedback on UiO’s current position and what will be needed to achieve the goals defined in Strategy 2020. SAB will submit its recommendations during 2014.

Goal achievement

The Board has defined six internal performance indicators. The goals for 2014 were determined in 2011, and the results are positive. UiO is doing well in terms of publication points per academic man-year and grants from the EU and the RCN. The same applies to goal achievement with regard to ECTS credits earned and the number of exchange students.

Administrative streamlining

The Administrative Streamlining Programme was completed in 2013. The goal of the programme has been to reinforce the university’s primary activity - research and teaching. With the aid of a review of administration and management practices at UiO, we have arrived at better routines, systems and forms of organization that liberate resources and enhance the quality of our activities. NOK 50 million has been transferred from the central administration to the faculty budgets. These funds will be devoted to ensuring and improving educational quality.

Equality

Equality and gender-neutral career development are important to UiO and have thus been given priority in Strategy 2020. The action plan for gender equality establishes specific targets, and there are grounds for optimism. We can observe an increase in the proportion of female professors, although this development is progressing at a slower pace than we would have liked to see. Women account for 41.2 per cent of UiO’s associate professors, putting UiO ahead of all other Norwegian universities.

University management

In the spring of 2013, a new rectorate was elected at UiO. Ole Petter Ottersen was re-elected as Rector for an additional four years, bringing with him Pro-Rector Ruth Varvedt Fjeld and the Vice-Rectors Ragnhild Henriom and Knut Fægri.

Gunn-Elin Aa. Bjørneboe was appointed University Director for a renewed six-year period.

Since 2013 the Board has had a new composition. The Ministry of Education and Research appoints the external representatives, who now are Idar Kreutzer, Anne-Marie Engel, Kjetil Tredal Thorsen and Anne Aasheim. Professors Kristian Gundersen and Karin Widerberg represent the permanent academic staff. Liv Ellisif Kalland, PhD student, represents the temporary academic staff, and Ole Martin Nodenes represents the technical-administrative staff. Eva Holte Enoksen and Adne Hindenes are the new student representatives.

The Board’s work is evaluated on an annual basis. On the whole, the Board is satisfied with the items entered on the agenda, their preparation and the way in which they are addressed at the meetings.
More education and research for the money

Compared to the other Norwegian universities, UiO has top scores when research (publications) and education (credits) are measured in relation to the number of academic man-years.

The figure below, which is based on average values for the years 2009–2013, shows that there is wide variation among the eight Norwegian universities. UiO scores approximately 25 per cent above the average for all eight in terms of publication points per academic man-year and nine per cent above the average in terms of the number of ECTS credits per academic man-year. This shows that UiO deploys its resources well.

Research and credits earned measured in relation to the number of academic staff members

Figures are from DBH and based on average values for the period 2008–2013.

Innovation

2013 was Innovation Year at UiO. The purpose of Innovation Year was to highlight UiO’s work on developing ideas and findings into new and improved goods, services, processes, organizational forms or marketing models for the benefit of society. This will help us achieve the goals defined in Strategy 2020.

Through its action plan for innovation for the period 2013–2015, UiO will reinforce its contributions to innovation and knowledge transfer. Our dialogue with society will be strengthened through closer collaboration with institutions, public and private enterprises, business and authorities.

Inven2

The commercialization enterprise Inven2 is owned by UiO and Oslo University Hospital (OUS). In 2013, Inven2 launched a record number of new patents and ideas, with a total of 38 commercialization projects. Thirteen of these were licences to existing businesses, while seven new enterprises have been established.

UiO and OUS have jointly developed Inven2 to become the most effective innovation actor in the Nordic countries, and it is now Norway’s foremost innovation enterprise in terms of its number of commercialization projects, income from commercialization and the number of projects on the market.

Over the course of 2013, the pool of new innovations increased by 15 per cent. UiO participated in 69 of the 88 patent applications that Inven2 submitted during 2013. This year’s report from NIFU shows that UiO returns more product candidates per krone of research funding than the other Norwegian universities, in terms of new ideas as well as in terms of successful commercialization projects. A large proportion of the innovations originate in the life sciences. Our goal is to encourage more innovations in the field of renewable energy, thus reaping benefit from UiO’s recent energy initiative.

The Rector’s Challenge

One of the objectives of the Innovation
Research in Life sciences at UiO generates the highest number of patents and ideas for the innovation enterprise Inven2. These are new inventions that are essential to address the major challenges of our time, in areas such as energy, climate change and health.

Year was to raise the students’ awareness of innovation and their own ability to innovate. In the spring of 2013 we therefore arranged the competition The Rector’s Challenge. In cooperation with the City of Oslo we therefore arranged the competition The Rector’s Challenge. In cooperation with the City of Oslo we challenged students to submit new ideas that could solve problems related to air quality, waste management and transport. We received a total of 153 ideas. The City of Oslo and UiO each chose a winner from among the ten finalists.

UiO’s prize went to Jon E.A. Lund and Henrik Auråen for their “Trash-tag” (marking of waste with RFID technology to improve sorting). Kaja Berg Hjukse and Johanne Thurmann-Moe received the City of Oslo’s prize for their idea “The Pink Box” (simpler recycling of hazardous waste). We will arrange The Rector’s Challenge again in 2014, this time with the topic of welfare technology.

UiO’s definition of innovation: Innovations are new or materially improved goods, services, processes, organizational forms or marketing models that are implemented to achieve social advantages, including creation of value.*


The Innovation Award went to technology for global health
UiO’s Innovation Award for 2013 went to Professors Kristin Braa, Jørn Braa and Sundeep Sahay at the Department of Informatics. This research group has established the global network The Health Information Systems Programme (HISP). HISP has developed a practical tool for managing health services in developing countries; this is an important component of DHIS 2 (District Health Information Systems) that ensure collection of health information on patients in rural, often poor, districts. Today, DHIS 2 is one of the world’s largest and most successful health information systems, as reported by an external evaluation undertaken on behalf of NORAD. DHIS 2 is an international standard that potentially covers 1.3 billion people from Bangladesh to Mozambique.

User-driven innovation
Users of the University Library have had the opportunity to develop library services that target the users themselves.

In the project User-driven innovation, the University Library and the Department of Informatics have collaborated in letting students of interactive design develop library services for themselves and their fellow students. The project has resulted in new and innovative services, such as the “Science Library” app.

A methodology for user-centred design has also been developed, and this methodology has, not least, helped reinforce the contact and integration between the library, the students and the academic community.

The Rector’s Challenge was a resounding success among the students, and resulted in 150 ideas submitted. This competition was arranged to raise awareness and self-confidence in the area of innovation among UiO students.

Action plan for innovation:
The goal of UiO’s action plan is to give UiO’s innovation efforts a coordinated upgrade and highlight UiO as an innovative university.
Camilla Kirkemo and her colleagues conduct research on how molecules in liquids behave when the liquid runs through nano-thin pores. They are doing so because the oil of the future may be pumped out of minimal fissures in shale rock. The first calculations have already been undertaken, and this new understanding of atoms may help increase Norway’s oil production.

**Xofigo:**

During our Innovation Year, the new drug Xofigo was approved by the American FDA (The Food and Drug Administration). It is very rare that a Norwegian drug succeeds in passing through this needle’s eye. Xofigo is a drug used to treat prostate cancer and has been developed by the Department of Chemistry and Oslo University Hospital. The new drug has created close to 60 new jobs at Kjeller where it is being produced, and nearly 100 new jobs in total.

Research undertaken at UiO forms the basis for the medical treatment of the future. Johannes E. R. Hov conducts research on faeces transplantation, which in theory could be used to manipulate the intestinal flora for purposes of treating specific conditions. Researchers in biosciences at UiO state that today, ten years after the mapping of the human genome, we still have a long way to go.

Jørn Braa, Kristin Braa and Sundeep Sahay received the Innovation Award for their health information system DHIS 2. The system may help provide better health services to 1.3 billion people and has been especially developed to improve access to health information in poor rural areas around the world.

Ola Hjelstuen is director of the commercialization enterprise Inven2. Tobias Dahl is the man behind Elliptic Labs, one of the enterprise’s success stories. CEO Håkon Bryhn claims that the technology for touch-free screens will change the way in which we use computers.
High-quality education

The University of Oslo is Norway’s preferred study institution, with nearly three first-choice applicants for every available place. A total of 10,338 students received an offer of a place at UiO through the coordinated enrollment system.

With our 26,923 registered students for the autumn semester of 2013, we are Norway’s largest university and can offer the broadest selection of subjects, consisting of approximately 200 programmes of study.

In 2013, UiO received 1,158 exchange students. Of our own students, altogether 702 went abroad through our cooperation agreements with international seats of learning.

NOKUT approval
An externally appointed NOKUT committee has assessed the quality system at UiO. After a detailed review of two of UiO’s eight faculties, the committee concluded that the schemes for quality assurance at the bachelor’s and master’s levels were satisfactory. The audit of the system coincided with UiO’s own targeted efforts to renew its teaching and academic content, primarily at the bachelor’s level.

Good teachers
Professor Liv Finstad at the Department of Criminology and Sociology of Law, Faculty of Law, received the Learning Environment Award for 2013. Her group-based supervision of master’s degree students has already become a permanent arrangement for all master’s degree students at the department. The students are closely followed up through group sessions, while also remaining in close contact with each other and the academic community throughout their master’s studies. Professor Finstad is renowned for her commitment to the student social community, and she is innovative in her communication of knowledge.

The Student Parliament gave their “Teacher of the Year” award to Post-Doctoral Fellow Øivind Bratberg at the Department of Political Science for his use of social media and podcasts and his innovative attitude to teaching and contact with his students.

Preventing attrition
UiO has launched a number of targeted efforts to prevent unnecessary attrition. For example, the Faculty of Mathematics and Natural Sciences has started arrangement programmes seminars for bachelor-level students. Their objective is to increase the students’ sense of community, familiarize them with the academic environment, reinforce their identity and pride in being students at UiO and clarify any of the students’ challenges and needs.

The Student Ombud
UiO is the first Norwegian educational institution to have its own student ombud. The Student Ombud is an independent counsellor who will provide help and advice to students in matters linked to their study situation. The ombud shall ensure that the cases are appropriately and correctly processed and that the students’ rights are safeguarded. During the first eleven months, the Student Ombud received somewhat more than 100 calls.

New training for science teachers
To raise the standards of future teachers and students of sciences, the Faculty of Mathematics and Natural Sciences and the Department of Teacher Education and School Research have jointly developed a new and modern training programme for science teachers at UiO. Key elements include integration of computer-based calculations, professional competence and ICT in schools, integrated and coordinated practices, learning environment and a mentoring scheme, as well as more flexibility and individual adaptation.

Roger Antonsen started UiO:Opplevelser, a dissemination project aiming to enhance interest in the sciences. Antonsen is Senior Lecturer at the Department of Informatics and does not shy away from exploring new forms of teaching.

Professor Liv Finstad at the Department of Criminology and Sociology of Law received the Learning Environment Award for her pioneering work on group-based supervision of master’s degree students.

New forms of learning
UiO’s innovations should also benefit our own students. Pilot projects for MOOCs (Massive Online Open Courses) and digital forms of learning have been launched. We aim to develop “blended learning” – a good combination of interactive, digital and traditional forms of teaching.

New training for science teachers
To raise the standards of future teachers and students of sciences, the Faculty of Mathematics and Natural Sciences and the Department of Teacher Education and School Research have jointly developed a new and modern training programme for science teachers at UiO. Key elements include integration of computer-based calculations, professional competence and ICT in schools, integrated and coordinated practices, learning environment and a mentoring scheme, as well as more flexibility and individual adaptation.
nels of communication: regular textbooks and various video recordings of lectures, discussions and debates. The ambition is to reduce the failure rate. This option has undergone testing throughout 2013 and was launched on a trial basis in the spring of 2014.

In 2013, the Department of Teacher Education and School Research conducted two rounds of online examinations, in which the students did not need to be present on campus. The examination, which includes a video-taped case, can be taken from wherever the student may be. The only requirement is access to a computer.

In the autumn of 2013, a total of 1460 candidates at the Faculty of Law sat their examinations online.

UiO has also launched an e-learning course in geriatric nursing, in which video scenarios constitute a key learning content.

The University Library has joined four other Scandinavian research libraries to develop and launch www.phdontrack.net, a freely available digital learning resource primarily intended for PhD candidates. PhD On Track provides information on scientific publications as well as a search facility for literature and sources. PhD On Track is already being used as a resource in several universities internationally.

**Science without Borders**

In 2013, UiO received 28 Brazilian students who came to UiO through the programme Science Without Borders. The students have received a stipend from the Brazilian authorities and will stay here as exchange students for one year. Brazil is one of UiO’s focus countries. We are planning to sign further cooperation agreements with Brazil and initiate research collaboration, funded by Norway as well as Brazil.

The University Board has eleven members and is the supreme organ of the University of Oslo. The Rector and the University Director are responsible for daily management. In 2013, Rector Ole Petter Ottersen was re-elected for another four-year period, bringing with him Pro-Rector Ruth Vatvedt Field and Vice-Rectors Knut Fægri and Ragnhild Hennum.

In 2013, University Director Gunn-Elin Aa. Bjørneboe was re-appointed for a further six-year period, until 2019. Together, they will realize the ambitions defined in Strategy 2020.
The University of Oslo shall promote groundbreaking research, education and dissemination and be an attractive partner for international collaboration.

The University scores 25 per cent above the average for all Norwegian universities in terms of publication points per academic man-year. In total, UiO accounted for 27 per cent of the total number of publication points earned in the sector during 2012.

UiO is also the university in Norway with the highest proportion of funding from the Research Council of Norway and the EU. In the domestic and international competition for research funds, UiO is doing steadily well. UiO appears to score highly whenever research quality is the decisive criterion.

In 2013, a total of 524 PhD degrees were conferred at UiO, which is a record number. In recent years the faculties have undertaken systematic efforts to improve throughput and rates of completion. The proportion of international students who earn their PhD at UiO is increasing, accounting for a little more than 35 per cent in 2013.

Life sciences include the study of living organisms such as plants, microbes, animals and people in a broad perspective, using various approaches from natural-science disciplines such as biology, chemistry, physics, pharmacy, molecular biology, informatics, medicine, nutrition and dentistry.

You can read more at http://www.uio.no/english/research/interfaculty-research-areas/.

**Interdisciplinary programmes**

Life sciences: Life sciences include research on biological processes and phenomena encompassing the entire chain from natural sciences to medicine. Life-science research helps early detection of diseases, and drugs and therapies can be tailored to individual patients. In 2013, the journal “Genome Technology” ranked the Oslo life-science community among the 20 most promising research clusters in the world in the area of biotechnology.

To be able to make full use of UiO’s potential in life sciences we need to concentrate the academic groups in premises that promote excellence in research. This will require new construction and modern infrastructure. A life-science facility will require new construction and modern infrastructure. A life-science facility will need to be built for UiO’s projects since this will be decisive to strengthen our innovative ability and competitiveness. In the budget for 2014, funds have been earmarked for a pilot study for a life-science facility.

UiO has four centres of excellence in research in the area of life sciences.

**UiO:Energy:** This project addresses one of the most complicated challenges that the world is facing: the transition to a sustainable energy system. UiO:Energy will strengthen and support energy research, education and innovation across disciplinary boundaries at UiO. The initiative was launched in 2012 and will include large sections of UiO’s academic range, from chemistry to political science, law and informatics.

**Unpacking the Nordic Model:** This initiative is a response to the increasing interest in Nordic cultures and societies. Its objective is to critically highlight the preconditions for the Nordic model and discuss its future and the perceptions of it that prevail internationally.

“Unpacking the Nordic Model” is an inter-faculty initiative and will comprise research, teaching, dissemination and collaboration with partners internally at the university as well as externally. The goal is to establish a permanent cooperation arena of the same type as Life Sciences and UiO:Energy. To date, all faculties have reported to possess research and educational resources that may be relevant to the initiative. The programme plan and budget proposals will be completed during the spring of 2014, and a number of academic events and workshops have been planned.

**Centres of Excellence in Research**

UiO has nine centres of excellence in research. In addition, we have one centre of excellence in education in cooperation with the University of Tromsø, The Arctic University.

**Center for Multilingualism in Society Across the Lifespan:** This centre will help provide knowledge on how society can cope with the challenges as well as benefit from the opportunities that follow from increasing multilingualism. The centre is directed by Professor Elizabeth Lanza.

**The Legitimate Roles of the Judiciary in the Global Order:** This centre will analyse and assess the legitimacy of international tribunals in international and national judiciary systems. The centre is directed by Professors Andreas Føllesdal and Geir Ullstein.

**Centre for Earth Evolution and Dynamics:** The centre’s objective is to develop a model that can explain how the mantle in the Earth’s interior affects the movement of the tectonic plates which produce massive volcanic eruptions. The centre is directed by Professor Trond Helge Torsvik.

**Norwegian Centre for Mental Disorders Research:** There are no reliable biological markers of schizophrenia and bipolar disorders. Basic and clinical researchers will employ modern gene technology, recent findings from brain research and registry data to produce new knowledge. The centre is directed by Professor Ole A. Andreassen.

In addition, these centres will continue their activities:

- Centre for the Study of Equality, Social Organization and Performance
- Centre for the Study of Mind in Nature
- Centre for Ecological and Evolutionary Synthesis
• Centre for Cancer Biomedicine
• Centre for Immune Regulation
• Centre for Professional Learning in Teacher Education – (UiO and The University of Tromsø, The Arctic University of Norway)

**UiO in the top league for European research**
The University of Oslo has had as its ambition to increase its revenues from the EU Framework Programmes by 50 per cent. In 2013, we went well above the target set for 2014, achieving more than NOK 124 million in income. Currently, UiO has more than 160 projects within the EU’s FP 7, whereas more than 60 projects are being coordinated by us. We have received a total of 23 ERC grants, ten of which are Starting Grants and 13 are Advanced Grants.

UiO has sought to bring researchers into the EU’s Expert Advisory Groups, which will play a key role in designing the EU’s research priorities for the years to come. In competition with 16 000 researchers from all over Europe and as the only university in Norway, UiO has succeeded in placing three of its researchers in these important bodies.

**ERC Advanced Grants**
In 2013, Professor Ragnar Winther at the Department of Mathematics received an ERC Advanced Grant for his application “Finite Element Exterior Calculus and Applications”. Computer simulation has developed into an important tool for natural science and engineering. Winther seeks to develop a new abstract tool for computer simulations.

**ERC projects through the Research Council of Norway (RCN)**
The RCN funds some of those applicants for ERC Advanced Grants who failed to obtain funding through the European Research Council (ERC), despite having sent an application that complied with all quality requirements. These projects are funded through the FRIPRO programme (non-earmarked project support).

Professor Nils Christian Stenseth at the Centre for Ecological and Evolutionary Analysis is planning to use mathematical modelling and statistical analysis of empirical data to validate the so-called “Red Queen Hypothesis”, which says that living factors alone will drive evolutionary change.

Professor Nils Lid Hjort at the Department of Mathematics received funding for his project Focus-Driven Statistical Inference With Complex Data. The project aims to achieve a more detailed analysis of the complex data that we derive from new technology, better interpretation of the analyses and thus a stronger basis for decision-making in complex settings.

**The Higgs boson**
The 2013 Nobel Prize in physics went to Professor Emeritus Peter Higgs and Professor Emeritus François Englert for their description of the Higgs particle. Alex Read, Professor of Elementary Particle Physics at the Department of Physics, was a key researcher in the Atlas Experiment that finally led to the discovery of the Higgs boson at the CERN particle accelerator.

**NORHED**
The objective of the NORHED initiative, which is governed by NORAD, is to strengthen institutions of higher education in low and middle-income countries. In 2013, UiO was awarded two of these projects. NORHED also supports the education of master’s degree students and PhD candidates in the fields of public policy, governance and administration at the University of Malawi in collaboration with UiO.

A project agreement between UiO and the University of Myanmar, Asia, is another component of the NORHED programme. Its goal is to strengthen the training of doctors and the public health sector through higher education and research undertaken by master’s degree students and PhD candidates.

In 2013, new initiatives for research in immunology at the University of Oslo resulted in three new K.G. Jebsen centres at the Institute of Clinical Medicine, Faculty of Medicine, all of which are in the field of...
immunology. The three centres received the entire grant of NOK 48 million. The new centres are:
• K.G. Jebsen Centre for Cancer Immunotherapy
• K.G. Jebsen Inflammation Research Centre
• K.G. Jebsen Centre for Influenza Vaccine Research

**Strengthening research management**

Since 2005, UiO has undertaken systematic efforts to strengthen and improve its research management. Research managers with responsibility for managing groups, large projects, centres and interdisciplinary programmes have been offered competence development through the research manager programme. The programme receives consistently positive feedback from the participants. In 2013, altogether 40 participants completed the training programme, and in total 275 research managers have completed this form of training. Funding from SAK has permitted UiO to provide places on the programme to research managers also from other universities and university colleges.

**Research collaboration with industry**

UiO wishes to help promote as well as benefit from the competence that exists in Norwegian business. We therefore want to reinforce our cooperation with industrial partners.

Professor Pål Aukrust received the UiO Research Award for 2013 for his pioneering contributions to research on infections and inflammatory mechanisms, including HIV and cardiovascular diseases.

In 2012, work was started on establishing an agreement for research and development cooperation with Statoil. We already have an existing academic agreement with the same enterprise through the Faculty of Mathematics and Natural Sciences.

**Cooperation Norway-Brazil**

In November 2013, the University of Oslo signed a five-party agreement on research in biodiversity, climate and reforestation in the Brazilian part of the Amazon. This collaboration may also include exchange of students and academic staff between UiO and the Brazilian partners.

The first activities will be initiated in the spring of 2014. Project participants in addition to UiO include Norsk Hydro, The Federal University of Pará (UFPA), the Emilio Goeldi Museum in Belem (MPEG) and the Rural Federal University of the Amazon (UFRA).

The project is directed from a secretariat which is funded by Norsk Hydro and located at the Natural History Museum.
Dialogue with society

Throughout 2013, the University of Oslo has continued its comprehensive dissemination activities through a series of publications, events and contributions to public debate. In this way, UiO wishes to fulfil its social mandate for dissemination and knowledge exchange.

Competence from UiO is in great demand by the media. Statistics for 2013 show that approximately 40 UiO researchers appear in the media on a daily basis (not including radio and TV).

Open Access

Efforts in the field of Open Access have continued throughout 2013. Its goal is to make research available to individuals, the public sector, business and the international research community. We want knowledge produced at our university to be a public good. In June 2013, a publication fund was therefore established at UiO to support academic employees who wish to publish their work in Open Access journals and need financial support for the publication fee.

A conversation with Bill Gates

In November 2013, Bill Gates visited UiO. He was joined by Rector Ole Petter Ottersen and Bent Høie, Minister of Health and Care Services, for a conversation on global health in the Old Ceremonial Hall.

Global awareness

UiO wishes to educate so-called “Global Citizens”, i.e. candidates with global awareness, competence and a sense of responsibility. These efforts include the lecture series “Global Citizen”, which was introduced in 2012. A total of seven such lectures were held in the course of 2013.

Joseph Stiglitz, Nobel Prize Laureate in Economics, held a lecture on the financial crisis. In May, Sweden’s Fredrik Hären held a lecture on how universities can help provide innovative solutions to the global challenges of our time.

UiO and human rights

UiO’s Human Rights Award for 2013 was given to Professor Manfred Nowak, who has been an advocate of international human rights for his entire life. Today, Professor Nowak is considered as one of the foremost champions of human rights internationally.

Without freedom of speech and academic liberty, the idea of the university is impossible. UiO is therefore actively committed to efforts to protect the rights of students and academics to free scientific endeavour.

Students at Risk

In cooperation with SAH and NSO, UiO is seeking to ensure that students who have been expelled from their seat of learning because of their political engagement can complete their studies at Norwegian educational institutions. The Ministry of Foreign Affairs and the Ministry of Education and Research have now joined this initiative.

The UiO Festival was a success. 6000 visitors attended concerts, the Children’s University, a number of stands and a variety of lectures.
of lectures.
Professor Joseph Stiglitz held the lecture “The Fall: A Chronicle of the Financial Crisis” in the University Aula.

Scholars at Risk
UiO is member of the international network Scholars at Risk. The network’s main activity is to provide temporary job opportunities to scholars who cannot undertake their academic work in their home country because of threats or censorship. UiO aims to receive one candidate in need of protection each year.

UiO has engaged in efforts to abolish the death penalty. The network “Universities against the death penalty” has now enlisted all Norwegian universities, and its ambition is to muster strong international support for this cause.

The students who were prisoners of war
On 30 November we marked the seventieth anniversary of the deportation of 650 UiO students to Germany by the occupation forces. Of the 650 students who were deported, altogether 14 died in captivity and three died after their return home. Many of the surviving students and their families attended the memorial concert in the University Aula. A ceremony on 29 November was dedicated to Einar Høigård, Lecturer, who died in German captivity 70 years ago. Høigård founded and developed the Education Research Institute in collaboration with Professor Helga Eng.

2013 – a year of many anniversaries
In the past year we celebrated a number of important anniversaries. The Women’s Suffrage Centenary, celebrating the centenary of Norwegian women’s suffrage, was duly observed.

The seminar series “Women and War” was arranged by the Department of Criminology and Sociology of Law, while the Centre for Gender Research arranged a city walk with the title “Suffrage and other women’s battles”. The anniversary was also observed at the Barony of Rosendal, where the art exhibition “The women are coming” was a resounding success.

In 2013 we also celebrated the 100th anniversary of the birth of the painter Edvard Munch. UiO celebrated this anniversary with the research project “Munch and modernity”, a collaboration between the Munch Museum, the National Gallery and UiO, with the University Aula remaining open at weekends.

The Faculty of Social Sciences has been and remains a key contributor to public debate and knowledge development. In 2013, the faculty celebrated its 50th anniversary. The book of photographs “Courage to know” was launched, showing the key role that the faculty has played through these five decades. During its anniversary week, the faculty staged a number of academic events.

The Nordic Institute of Maritime Law (NIFS) also celebrated its 50th anniversary last year. The anniversary enjoyed a comprehensive Nordic attendance.

The anniversary was also observed with the publication of the book “A traditionalist with willingness to change”, with contributions from several of the institute’s present and former staff.

Collaboration with working life
UiO’s Council for cooperation with working life was established in 2013 and has already identified relevant topics for further
discussion. In addition, the Partner Forum remains a success, and a Business Forum is currently being established according to the same model in cooperation with BI Norwegian Business School.

The UIO Festival 2013
Last year’s UIO Festival was arranged in April. The festival, which has become a tradition, attracted approximately 6,000 visitors. The festival’s topic was innovation, and acclaimed lecturers presented a variety of topics, including nanotechnology, nuclear power, cancer therapy, DNA profiling and cultural innovation. Campus Blindern was also filled with concerts, children’s theatre, food stands and other attractions.

The University Aula
The University Aula is one of Norway’s most beautiful concert halls and steeped in tradition. Throughout the years, the Aula has been the venue for great concerts, and it is our ambition to re-establish the Aula as a prominent Norwegian concert arena. We collaborate with a number of Oslo’s key cultural players, such as the Norwegian Radio Orchestra, the Norwegian Chamber Orchestra, Barratt-Due Institute of Music and the Norwegian Academy of Music. During 2013, approximately 40 concerts were arranged in the Aula. The Aula has also been open to the public on the occasion of the Munch anniversary.

The objective of Open Access is to put research at the disposal of individuals, the public sector, business and the global research community.
Bill Gates visited Oslo to speak about global health and development. Here he is in conversation with Rector Ole Petter Ottersen and Bent Høie, Minister of Health and Care Services, in the Old Ceremonial Hall. The event was chaired by Inga Bostad, Director of the Norwegian Centre for Human Rights.
Key figures

In 2013, the University of Oslo administered nearly NOK 7 billion. Below we present selected figures from the accounts, the number of man-years and some of the results that have been achieved.

Income from various sources (amounts in NOK million)

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<th>(Amounts in NOK million)</th>
<th>2009</th>
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</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>5 848</td>
<td>6 117</td>
<td>6 642</td>
<td>6 557</td>
<td>6 803</td>
</tr>
<tr>
<td>– of which grants</td>
<td>4 363</td>
<td>4 654</td>
<td>5 062</td>
<td>4 955</td>
<td>5 027</td>
</tr>
<tr>
<td>– of which external revenue</td>
<td>1 024</td>
<td>1 035</td>
<td>1 074</td>
<td>1 063</td>
<td>1 309</td>
</tr>
<tr>
<td>– of which sales and rental income</td>
<td>373</td>
<td>358</td>
<td>373</td>
<td>354</td>
<td>364</td>
</tr>
<tr>
<td>– of which other revenue</td>
<td>88</td>
<td>70</td>
<td>133</td>
<td>185</td>
<td>104</td>
</tr>
</tbody>
</table>

Total income for UiO in 2013 was 6.803 billion NOK. The direct appropriation from the Norwegian Storting to the UiO was 4.617 billion NOK, thus representing two thirds of total revenues. This is the same percentage as the previous year.

Trends in the number of man-years, all sources of funding

The number of senior academic positions (8 of 10 are either associate professors or professors) is increasing, while the growth in administrative positions is levelling off. The bars in the chart (with the value axis on the right) show the proportion of women in professorships, and we can see that this proportion has grown by approximately one percentage point per year, reaching 29.3% in 2013.

PhD degrees

The number of PhD degrees has continued to increase, in the university and university college sector in general and in UiO in particular.

EU funding

The growth in EU funding from 2012 to 2013 is huge – 62% in total for all three universities, and 49% for UiO. The University Board aims to achieve NOK 100 million in the course of 2014.

Funding from the Research Council of Norway

The trends in funding from the Research Council of Norway to the three largest universities are stable. In 2013, a little more than one kroner in three granted to the universities by the RCN went to UiO. The University Board aims to achieve NOK 720 million in the course of 2014.

Publication points per academic man-year

2015 figures for scientific publications shows, despite some decline, that UiO is leading in terms of number of publication points per academic man.

ECTS Credits per student

Since 2011, when we started taking part-time students into account, UiO figures for ECTS credits per student have remained at the same level as the University of Bergen – in recent years at 42 ECTS credits per student. The University Board aims to achieve 46 ECTS credits per student in the course of 2014.

Exchange students

Figures for exchange students are the total number of students who arrive and travel out. At UiO, there is still a certain growth in the number of exchange students. The University Board aims to achieve a proportion of 8 per cent exchange students in the course of 2014.