

 $\overline{\mathsf{IN}}$ BRIEF $\frac{2015}{2016}$





Solidum petit in profundis

We seek solid ground in the depths

A STRONG COMMITMENT TO **EXCELLENCE**

Aarhus University stands for quality and the continued pursuit of excellence in research and research-based education. Knowledge exchange, talent development and collaboration with society are high priorities.

Established in 1928 on the initiative of local citizens, the university is a relatively young institution. Today Aarhus University is a globally oriented, academically diverse and research-intensive university with four faculties: Arts, Aarhus BSS, Health and Science and Technology.

All numbers in this publication are for 2014 unless otherwise stated. The number of employees is stated in FTEs (Full-Time Equivalents).

FOUR CORE ACTIVITIES

Research

Education

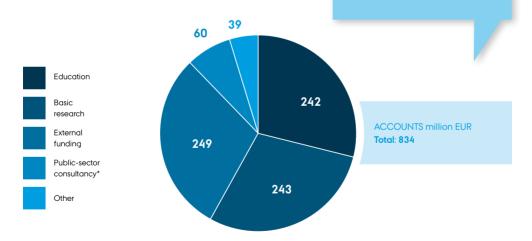
Collaboration

Talent Development

A SOLID

FINANCIAL FOUNDATION

The total revenues for research in 2014 amounted to EUR 429 million.
External funding accounts for around 30 per cent of total revenues



^{*} Including sector-related research and forensic medicine but excluding special agreements with the Ministry of the Environment and Food.

44,000

BACHELOR'S, MASTER'S, PHD AND PART-TIME STUDENTS

8,000

EMPLOYEES

834.2 MILLION EUR

IN REVENUES

ORGANISATION

THE BOARD SENIOR MANAGEMENT TEAM AIAS **ADMINISTRATION**

FACULTY OF ARTS SCHOOL OF CULTURE AND SOCIETY DANISH SCHOOL OF EDUCATION SCHOOL OF COMMUNICATION AND CULTURE CENTRE FOR TEACHING DEVELOPMENT AND DIGITAL MEDIA

AARHUS BSS DEPARTMENT OF BUSINESS COMMUNICATION DEPARTMENT OF BUSINESS DEVELOPMENT AND TECHNOLOGY DEPARTMENT OF ECONOMICS AND BUSINESS ECONOMICS DEPARTMENT OF LAW DEPARTMENT OF MANAGEMENT Aarhus BSS* DEPARTMENT OF POLITICAL SCIENCE DEPARTMENT OF PSYCHOLOGY AND BEHAVIOURAL SCIENCES

Arts 14.205 students 250 PhD students 950 employees 142 million EUR in turnover

16.859 students 238 PhD students 875 employees

143 million EUR in turnover

^{*} School of Business and Social Sciences

FACULTY OF HEALTH

AARHUS UNIVERSITY HOSPITAL

Health

5,214 students644 PhD students1.062 employees175 million EUR in turnover

Science and Technology

8 090 students

695 PhD students
2.145 employees
351 million EUR in turnover

DEPARTMENT OF BIOMEDICINE

DEPARTMENT OF PUBLIC HEALTH
DEPARTMENT OF CLINICAL MEDICINE

DEPARTMENT OF DENTISTRY AND ORAL HEALTH

DEPARTMENT OF FORENSIC MEDICINE

FACULTY OF SCIENCE AND TECHNOLOGY

AARHUS UNIVERSITY SCHOOL OF ENGINEERING

DEPARTMENT OF AGROECOLOGY

DEPARTMENT OF BIOSCIENCE

DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENT OF PHYSICS AND ASTRONOMY

DEPARTMENT OF FOOD SCIENCE

DEPARTMENT OF GEOSCIENCE

DEPARTMENT OF ANIMAL SCIENCE

DEPARTMENT OF ENGINEERING

DEPARTMENT OF CHEMISTRY

DEPARTMENT OF MATHEMATICS

DEPARTMENT OF ENVIRONMENTAL SCIENCE

DEPARTMENT OF MOLECULAR BIOLOGY AND GENETICS

INANO

DANISH CENTRE FOR FOOD AND AGRICULTURE (DCA)

DANISH CENTRE FOR ENVIRONMENT AND ENERGY (DCE)

A **RESEARCH-INTENSIVE** UNIVERSITY

Aarhus University ranks among the top 100 universities in the world on several of the most important international ranking lists, out of over 17,000 universities worldwide.

NOBEL PRIZES

Nobel Prize in Chemistry (1997) to **Emeritus Professor, MD, DMSc Jens Christian Skou** for his work on the sodium-potassium pump.

Nobel Prize in Economics (2010) to **Professor Dale T. Mortensen**, Northwestern University and Aarhus University (now deceased), in recognition of work on the labour market.

PUBLICATIONS/CITATIONS

Scientific publications from researchers at Aarhus University have a 22 per cent higher citation rate than the world average (CWTS Leiden Ranking, 2015).

THREE INTERNATIONAL ACCREDITATIONS AWARDED TO AARHUS BSS

Aarhus BSS – School of Business and Social Sciences holds three international accreditations (AACBS, AMBA and EQUIS) – an honour held by just one per cent of the world's business schools.

15
CENTRES OF EXCELLENCE

8
INTERDISCIPLINARY CENTRES

150
OTHER RESEARCH CENTRES

STATE-OF-THE-ART RESEARCH FACILITIES

Aarhus University continually develops its physical research infrastructure to provide the right conditions for scientific breakthroughs. Aarhus University's research facilities are much in demand and are used by the university's own researchers as well as partners in Denmark and abroad.



Hyp^erpolarised MRI scanner

An advanced magnetic resonance scanner enhanced by hyperpolarisation that is used in medical imaging to diagnose and treat disease. This form of MRI is expected to lead to an increased understanding of – and better therapies for – some of the most common diseases in the Western world, such as cancer, diabetes, obesity and cardiovascular disease.

DAGMAR

Danish Genetically Modified Animal Resource gives researchers access to the most advanced transgenic animal models, from the nematode *C. elegans* to mice, zebra fish and minipigs.



DIGHUMLAB

Digital Humanities Laboratory works to promote digital resources and tools to humanities and social science researchers.



Cognition and Behavior Lab

A two-storey laboratory with advanced facilities for evidence-based research in human behaviour and cognition, primarily within economics, political science, psychology, linguistics, marketing and management.





The SONG telescope on Tenerife

The prototype of an ultra-modern robotic telescope for studying stars and planetary systems. The telescope is the first in the Danish-led telescope design and construction project SONG.

Biogas and HTL plants

An advanced biogas plant and an HTL plant in the town of Foulum make it possible to perform groundbreaking research of decisive importance in relation to CO_2 reduction and energy supply.



AURORA

Ultramodern flexible research vessel that serves as a floating laboratory for biologists, geologists, geophysicists and ocean researchers from other fields.



Danish Center for Ultrahigh Field NMR Spectroscopy

The largest of the centre's NMR spectrometers generates a magnetic field 500,000 times stronger than Earth's and is used to analyse substances at the molecular level.



Research stations in Greenland

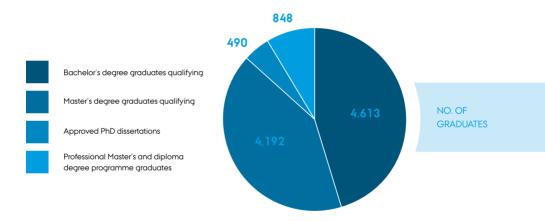
Aarhus University has two research stations in Greenland: Zackenberg Research Station in the north-east and Villum Research Station in the far north. Both are unique starting points for research into climate change in the High Arctic.

GenomeDK

A supercomputer that uses advanced sequencing technologies to integrate and analyse large data sets from the unique Danish registry systems and biobanks combined with cell and animal models.

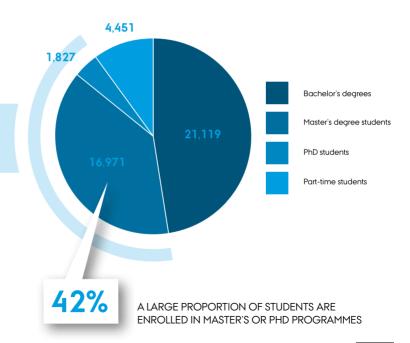


GRADUATES ARE THE MOST IMPORTANT CONTRIBUTION TO SOCIETY



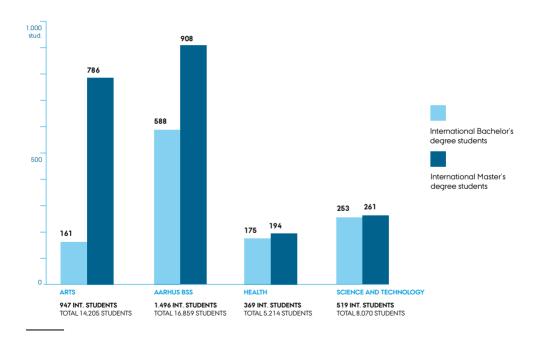
Each year, more than 7,000 new students start a degree programme at Aarhus University. Here, they encounter courses and activities that develop and challenge their mastery of every aspect of their chosen fields across disciplinary and national

boundaries. The university offers over 200 degree programmes and 4,000 courses that meet the highest international standard. Over half of the university's Master's degree programmes are offered in English.



NO. OF STUDENTS

AN INTERNATIONAL STUDY ENVIRONMENT



- More than 60 degree programmes in English
- Over 3,300 international full-time students (approx. 1,200 at Bachelor's level and 2,100 at Master's degree level)
- Over 120 nationalities represented among full-time students
- Approx. 80 nationalities represented among academic staff

1,800 EXCHANGE STUDENTS ABROAD

1,000

EXCHANGE STUDENTS AT AARHUS UNIVERSITY

COLLABORATION PUTS

KNOWLEDGE TO WORK

Through close relationships with industry and business, government, organisations and civil society, Aarhus University contributes to society's ability to innovate and adapt.

Aarhus University is involved in a great number of partnerships with public and private businesses as well as organisations, and researchers from a variety of fields advise government agencies and institutions, particularly in relation to the environment, energy, food and agriculture, as well as health and education. Each time the public sector invests one million kroner* in consultancy, researchers at Aarhus University are able to generate an additional one and a half million from external sources.

25%

OF NEWLY ENROLLED PHD STUDENTS AT AARHUS UNIVERSITY DO A PHD PROJECT IN COLLABORATION WITH THE PRIVATE SECTOR.

60 MILLION EUR

AMOUNT INVESTED BY GOVERNMENT AGENCIES IN RESEARCH-BASED CONSULTANCY FROM AARHUS UNIVERSITY IN 2014.

ROOM TO DEVELOP TALENTS

The keywords describing PhD programmes at Aarhus University are academic excellence, high personal motivation and close collaboration with experienced researchers. International panels have evaluated the four graduate schools at Aarhus University in 2015. The evaluation reports show:

- · that the PhD degree programmes meet a high international standard of quality
- · that graduates of the PhD degree programmes have excellent career opportunities
- · that PhD students publish in prestigious international journals

SUPPORTING THE BRIGHTEST TALENTS

AIAS – Aarhus Institute of Advanced Studies – aims to promote research of the highest quality with a focus on independent basic research and talent development within all core disciplines. AIAS selects its fellows purely on the basis of their qualifications in an open competition and recruits talents of the highest international standard – from abroad and from Aarhus University.



27 junior fellows

8 senior fellows

different nationalities

1,800

PHD STUDENTS

450

NEW PHD STUDENTS

28%

OF PHD STUDENTS AT AARHUS UNIVERSITY ARE INTERNATIONAL



RESEARCH AND EDUCATION

Aarhus: The main campus for Aarhus University and the four faculties

(Arts, Aarhus BSS, Health, and Science and Technology)

Emdrup (Copenhagen): Danish School of Education (DPU)

Herning: Department of Business Development and Technology

RESEARCH ACTIVITIES

Flakkebjerg: Department of Agroecology and Department of Molecular Biology and Genetics

Kalø/Rønde: Department of Bioscience

Roskilde: Department of Bioscience, Department of Environmental Science, Department of Geoscience

Silkeborg: Department of Bioscience

Viborg/Foulum: Food and agriculture research

Årslev: Department of Food Science

OTHER LOCATIONS

Askov: Experimental station

Horsens: Bygholm, Department of Engineering

Jels: Orion Planetarium

Jyndevad: Experimental station

Nuuk: Arctic Research Centre (ARC)

Rønbjera: Marine biology field station

Tenerife: SONG telescope

Villum Research Station: Experimental station in northern Greenland

Zackenberg: Experimental station in north-east Greenland



MISSION

Aarhus University is an academically diverse and strongly research-oriented institution that creates and shares knowledge.

VISION

Aarhus University strives to be a leading globally-oriented university with a strong engagement in the development of society.

VALUES

The university defends the research freedom of individuals and desires to maintain and develop a culture that promotes collaboration, critical dialogue, curiosity and the independent search for new knowledge and insight.

Read more on au.dk/en or follow Aarhus University on









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