

# OSLO - A CITY FOR TALENT





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# A Leading European University

Dear distinguished researcher,

We are honored that you are considering the University of Oslo and the Norwegian capital as your next home. We are proud to share with you some of the achievements and strengths of our community.

The University of Oslo is ranked in the top 1% of the worlds' universities (58th in the 2015 Shanghai ranking). We are internationally recognized as Norway's leading university, attracting as many as 22 percent of our academic staff from abroad. More than 50 Master's Programmes are taught entirely in English and 800 courses are offered in English. UiO currently has approximately 200 research projects funded by the EU's Framework Programmes, including 31 ERC Grant-holders. UiO coordinates ten Centres of Excellence (SFF), two Centres for Research-based Innovation, a Centre for Professional learning in Teacher education and two of Norway's foremost museums. Moreover, UiO has a strategic focus on interdisciplinary research, access to good public funding schemes and offers high-end lab and office facilities, libraries and technical support.

Our research community has fostered five Nobel Prize Laureates and several Prime Ministers, and has a strong track record of pioneering research and scientific discovery. Today UiO has top research communities in most areas, and we are particularly proud of our high-caliber research within the fields of life sciences, multilingualism, immune regulation, solar research and political economy.

The University of Oslo hopes to provide a platform for your research to stand out and make a real difference.

On the following pages we wish to show you the many benefits of working and living in Oslo and Norway. We hope to welcome you here soon.

*Ole Petter Ottersen, Rector*

*Gunn-Elin Aa. Bjørneboe, Director of the University*

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**Facts about UiO**

**Students:** 27 000

**Staff:** 6000

**Faculties:** 8

**Museums:** 3

**Nobel Prize Winners:** 5

**Library Holdings:** 3,6 mill

**Operating Budget:** 6,6 billions (NOK)



# Post Specification

**Research Professor** of Cognitive Neuroscience and Lifespan Changes in Brain and Cognition.

**Full time research position** with five year funding, with possibilities of tenure.





The University of Oslo (UiO) is seeking a Professor of international standing for the position of Research Professor of Cognitive Neuroscience. The candidate will be part of the research group Lifespan Changes in Brain and Cognition (LCBC). For more details about LCBC, please see [www.oslobrains.no](http://www.oslobrains.no).

### Background

The goal of LCBC is to understand brain and cognitive changes and how to optimize them through the entire lifespan. LCBC will contribute to explain, predict and promote cognitive function from birth to old age by investigating the enormous variation in brain and cognition at different ages, both within and across individuals, and how this is affected by risk factors and transcends into clinical conditions such as Alzheimer's disease.

LCBC includes more than 20 full time positions, including Anders M. Fjell, Kristine B. Walhovd and René Westerhausen, and several post docs, PhD students, full-time RAs and administrative personnel. LCBC also have associated researchers from Oslo University Hospital (MR physicist and neuroradiologist) and international associate professors (e.g. Lars Nyberg, Umeå in Sweden and Heidi Johansen-Berg, Oxford in UK).

LCBC runs large, comprehensive longitudinal studies, with access to rich national registries and databases. We have very well equipped laboratory facilities, including a state-of-the-art analysis





lab with a computing cluster, good access to 3T and 1.5 MRIs, two EEG/ ERP labs, as well as infrastructure for cognitive and neuropsychological testing and somatic examinations. PET is run at a collaborating institute in Oslo.

With a strong core of researchers within experimental cognitive psychology and neuroimaging, LCBC is a truly multidisciplinary group, using a multitude of different methods, including experimental and standardized cognitive and neuropsychological testing, standardized as well as novel and experimental neuroimaging (different types of MRI and PET), electrophysiology, genotyping and typing of a range of different biomarkers, such as CSF-samples and blood markers. To ensure that we always use state-of-the-art methods in these diverse fields, LCBC draws on the multi-disciplinary expertise and resources of national and international collaborators from a range of disciplines, including psychology, medicine, neuroscience, physics, computer science and statistics. For instance, we have extensive collaborations with some of the world's best centres for development of neuroimaging tools, including Bruce Fischl's lab at Harvard, Anders M Dale's lab at UCSD and Heidi Johansen Berg's lab at Oxford University. These groups are among the best in the world in their respective fields of neuroimaging and brain plasticity, and are extremely valuable to LCBC, among other things providing early access to newly developed analyses tools.

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In addition to these close collaborators, we have a large number

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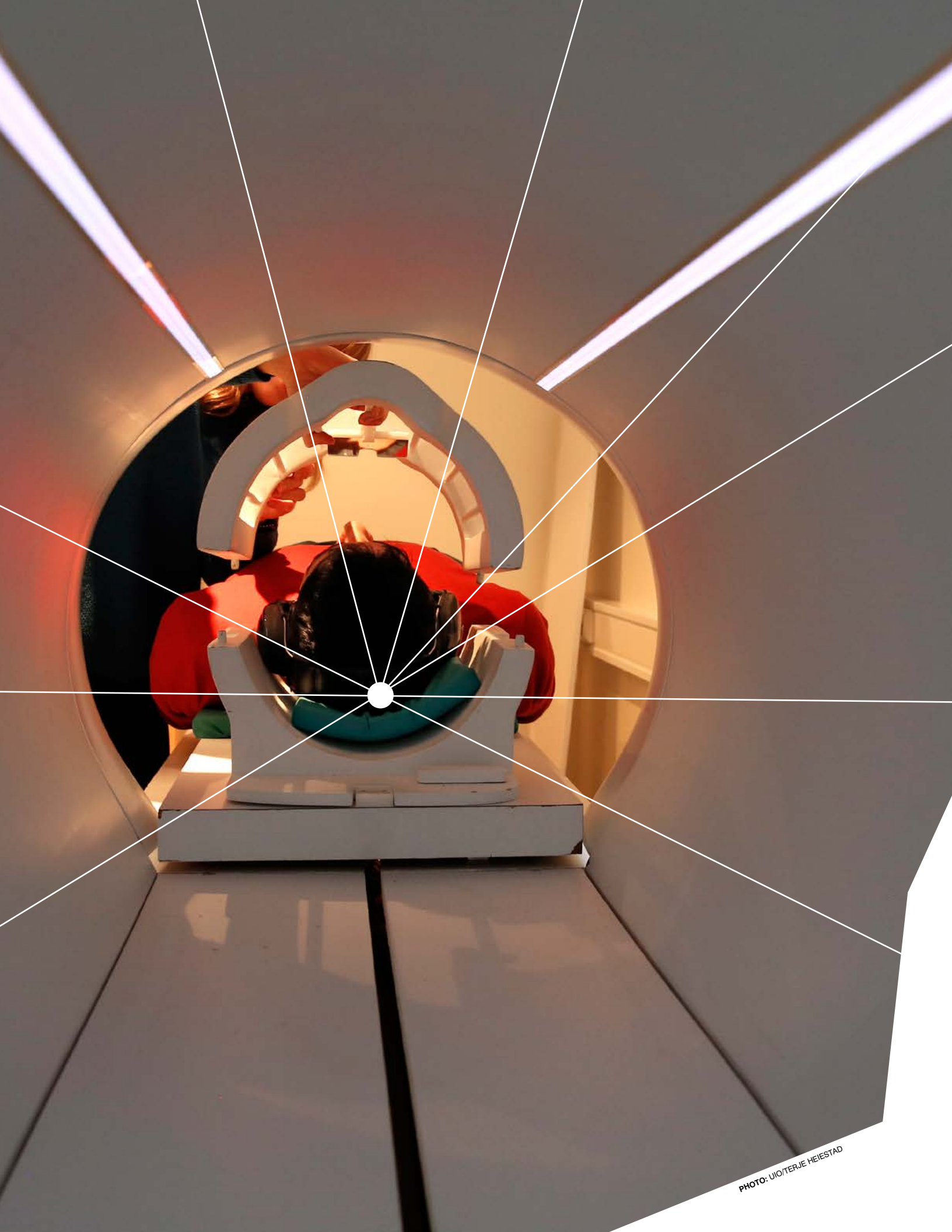


PHOTO: UIO/TERJE HEIESTAD

of international collaborators on all our projects, including some of the world's leading researchers on lifespan psychology, neuroscience, neuroimaging, neurodevelopment and Alzheimer's disease.

### Visions for new LCBC positions

To take further steps in our research, LCBC needs to increase its expertise in imaging genetics and advanced longitudinal statistical modelling. We collaborate with world-leading groups in these fields, but to be able to impact the rapid international development, and take full advantage of our rich data, we have an urgent need to increase the in-house expertise. We wish to recruit a next generation leader in imaging genetics and/ or a next generation leader in longitudinal statistical modelling.

LCBC has an established top modern infrastructure, and we aspire to be a highly attractive research group for upcoming star researchers, due to three factors:

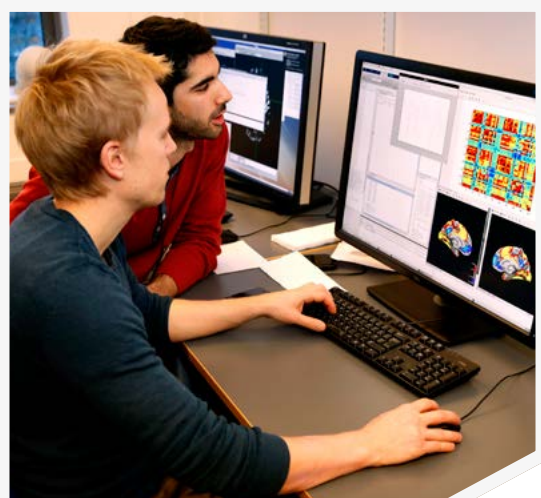
The data materials are unique worldwide, and will give unparalleled opportunities for methodological development and scientific discoveries.

The young and dynamic research environment LCBC represents is ideal for an upcoming scientific leader.

The allocated funds will yield a very good opportunity to build a strong research team in close collaboration with the existing faculty at LCBC, taking advantage of already established state-of-the-art infrastructure, yielding excellent prospects for carrying out cutting-edge, novel research.

### The LCBC group has

- excellent access to 3T MRI and 128 channel EEG
- powerful computing resources and lab facilities
- extensive administrative support
- Access to unique national register data and comprehensive longitudinal databases
- > 125 published papers since 2005, including 5 in PNAS
- two ongoing ERC grants
- extensive international collaborations



# The University Campus

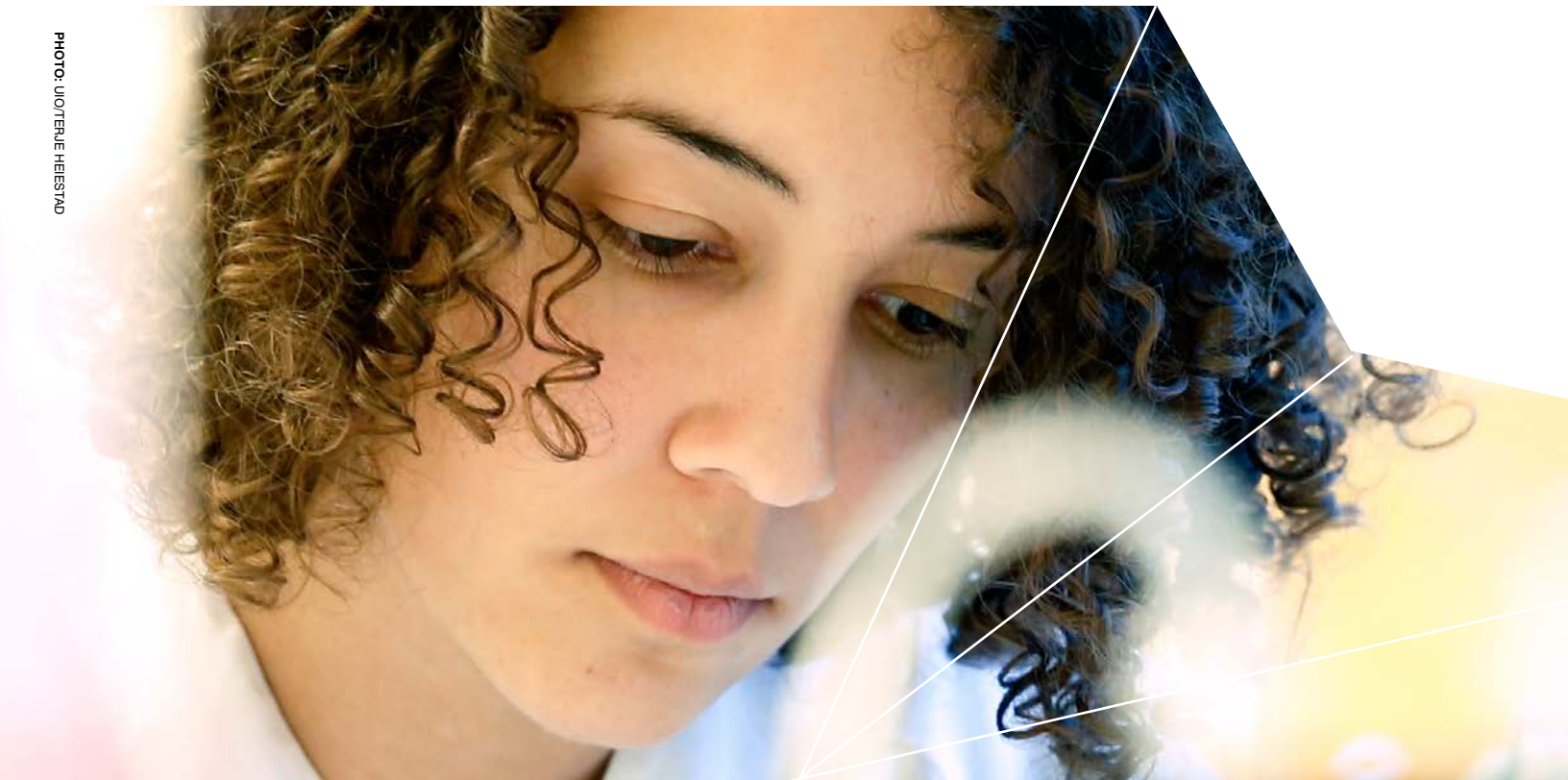




# Doing Research in Norway

## Investing in Talents

PHOTO: UO/TERNEHEIESTA



Working as a scholar in Norway you will be part of a global academic network. The Norwegian government, the University of Oslo and the Research Council of Norway are committed to fostering ground-breaking research and to increase international collaboration.

The Norwegian research environment is characterized by:

- An English-language work environment
- A stable policy for research and development, including a research and development tax incentive
- A solid institutional framework with autonomous higher education institutions
- Generous funding opportunities
- Excellent incentives for international collaboration
- Advanced research infrastructure and administrative expertise
- Policies for collaboration with industry to encourage innovation

### What does all this mean for you?

It simply means that the framework has been taken care of. Your colleagues speak English. Research policy is sound and generous, and your research group will have full autonomy to carry out its work. Incentives both at the political level and at the university level, support your research and enhance the value of your international networks. Infrastructure and administrative assistance is in place. To sum up, your high-caliber research can be conducted in a unique international academic environment with solid funding.

### International scientific prizes awarded in Norway:

- **The Abel Prize** for mathematics
- **The Holberg Prize** for arts, humanities, social sciences, law and theology
- **The Kavli Prizes** for astrophysics, nanoscience and neuroscience.

### Did you know?

- UiO has 51 % of Norway's ERC Grant-holders
- UiO has 42,9 % of all national Centres of Excellence
- 15 % of UiO's students are international, and 31 % of PhDs candidates are international
- Inven2, owned by UiO, is the largest contributor within the field of commercialization of research in the Nordic region.

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**Welcome to Oslo**  
**Urban Living**  
**Close to Nature**







Oslo is Europe's fastest growing capital. Unemployment is low, and the region is, in contrast to many others, experiencing economic growth. In several areas, Oslo is being recognized as progressive and creative. 2, 1 million people live in the Oslo region, among these 104 000 students enrolled in higher education. The region has two universities and 35 colleges and is one of the regions with highest R&D expenditure pr. capita in Europe. Oslo's population is among the highest educated in the world.

Oslo is safe, and has a stable and predictable governance. Safety fosters freedom: freedom of mind and freedom

of action. You do not need to worry about life necessities; you can focus on realizing your potential. A good work-life balance is an integral part of the culture, and it is possible to have a two-career household with children – one does not have to be chosen over the other. Oslo offers a variety of excellent kindergartens and schools, also international ones.

In addition, Oslo enables and supports personal growth through a vibrant cultural scene, ethnic diversity, and a unique proximity to nature. Go skiing in winter, and swimming, sailing or hiking in the summer. Here, work



PHOTO: NTB/SCANPIX

and play go hand in hand. Cultural activities and events rival those in larger European capitals. Oslo holds close to 5,000 live concerts a year, more than double that of Stockholm and Copenhagen.

Oslo is easily accessible; the airport express train takes you to the airport in 18 minutes from where you can catch a direct flight to most parts of the world. The city is a world-leader in terms of its physical and transport infrastructure. Total commuting time is one of the lowest among competitive world cities, and this enables inhabitants to have a high quality of life. Oslo is one of just

five European cities in which more than 90% of its citizens have access to cultural facilities and widely available green spaces.

People in Oslo are down-to-earth, informal and straightforward. The institutions and businesses are characterized by flat structures and transparency. “What you see is what you get”. The people of Oslo are early adopters of new technologies and devices. You don’t have to worry about wi-fi access in the Norwegian capital, and should you have a problem there’s likely to be an app to solve it.



PHOTO: PLAN- OG BYGNINGSETATEN



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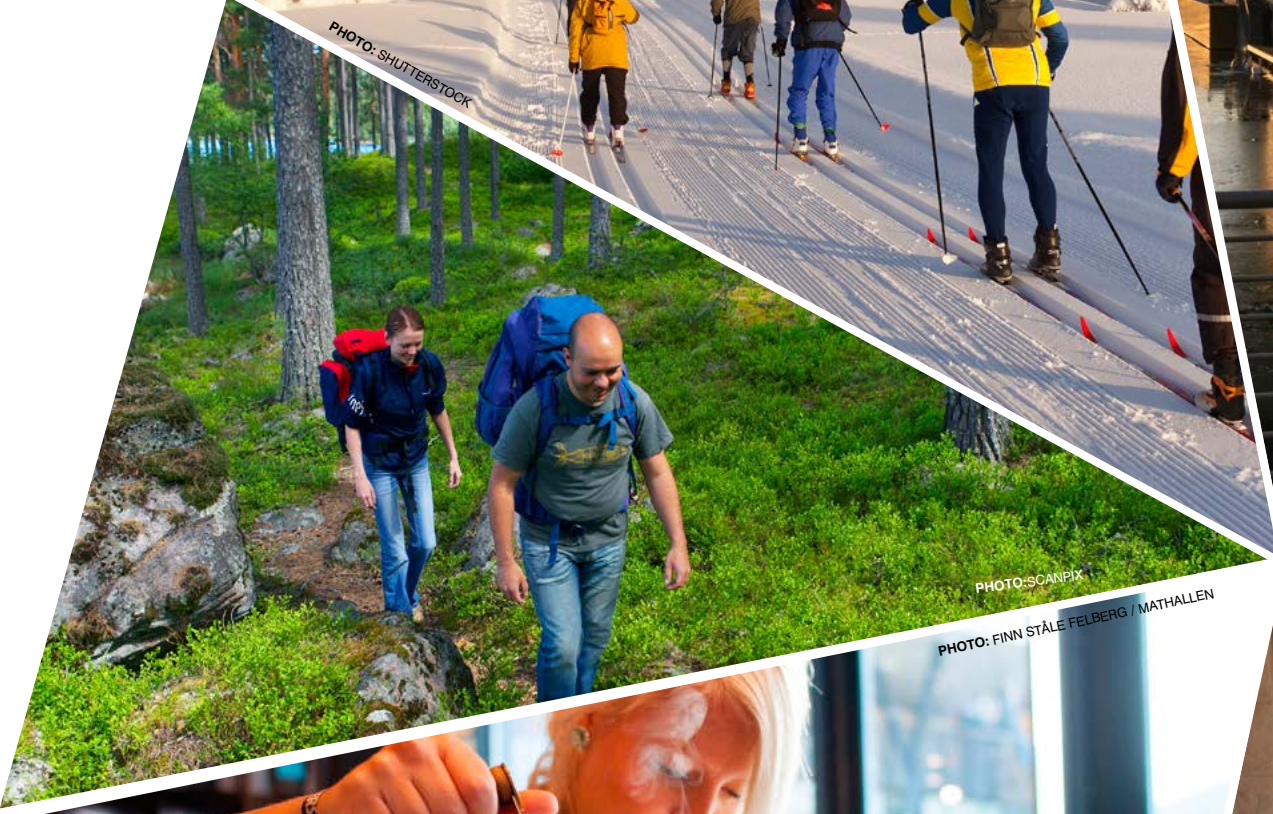


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PHOTO: FINN STÅLE FELBERG / MATHALLEN





PHOTO: FINN STÅLE FELBERG / MATHALLEN



PHOTO: UNO/TERJE HEIESTAD







# Why Norway?

- A unique work-life balance characterizes daily life in Norway. In a clean and safe environment rich in nature and culture, you don't have to choose between your research and your family. Your children can walk to school and you could choose to cycle to the university campus. Norwegians tend to endorse an active lifestyle and enjoy easy access to nature, even in the capital. It is not uncommon to meet cross country skiers on the metro, on their way for an evening tour in "Marka", the forest surrounding Oslo. In summer, a five-minute boat ride takes you from the city centre to the many islands on the fjord.
- High trust and civic engagement is another quality of Norwegian society, leading to a high score on the OECD Better Life Index. In fact, Norway ranks above the average in almost all things measured (subjective well-being, jobs and earnings, housing, work-life balance, environmental quality, civic engagement, social connections, health status, and personal security). The national health care system is of a good standard and free for all.
- Norway is an egalitarian society with flat hierarchies and power structures that do not keep management and employees estranged. Norwegians often work across hierarchies rather than under imposed boundaries. The leadership style is informal, and is based on employee freedom with responsibility, a trait you will also recognize in academia. Free education, both in primary school and at university level, mean a highly educated population and few language barriers. Gender equality is high on the agenda, and followed by incentives for diversity in the education and research sector. In fact, Norway is considered to be one of the most gender equal countries in the world.
- Modern technology is another important aspect of the modern Norwegian society. A digital lifestyle is embraced by the majority of the population, leading to an increasingly cashless society with smart and user-friendly solutions for daily activities such as banking.



PHOTO: KETIL JACOBSEN/  
SNØHETTA

The view from Viewpoint Snøhetta is majestic, situated on the top of Dovrefjell-Sunndalsfjella national park. The pavilion is designed by the much acclaimed Norwegian architectural practice Snøhetta and open for the public.



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# Curious?



Drop us an email

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**UiO : University of Oslo**