



UNIVERSITETET I OSLO

KUNNGJØRING AV STILLING

1-3 Ph.D research fellowships (SKO 1017) available at the Centre for Research-based Innovation *Statistics for Innovation*, University of Oslo, Norway.

Further information: Centre leader Professor Arnaldo Frigessi (frigessi@medisin.uio.no), phone (+47) 22 85 10 04

The positions are available for 3 - three years and as soon as possible.

Pay Grade.: 41 – 44, (NOK 310 500 – 327 000)

Application deadline: February 15, 2007

REF. NR. 07/182

Please note:

- The application should be sent before the deadline to: The Faculty of Mathematics and Natural Sciences, Att.: Grete Andresen, P.O. Box 1032, Blindern, 0315 Oslo.
- Applicants should submit a letter of application, a brief summary of research interests, curriculum vitae with full list of publications with internet links to recent papers or master thesis and the names of at least two references. Applicants should also send copies (not originals) of grades.
- The letter of applications and CV can be submitted by E-mail to: grete.andresen@matnat.uio.no.

Application papers will not be returned.

Statistics for Innovation is one of the 14 Norwegian Centres for Research-based Innovation, with the aim to enhance the capability of the Norwegian economy to innovate by focusing on long-term research, forging alliances between research-intensive enterprises and prominent research groups. **Statistics for Innovation** will develop core statistical methodologies, strategically necessary to achieve innovation goals in four key sectors: petroleum, finance, marine and health. The centre will operate from 1.1.2007 for eight years, based at the Norwegian Computing Center (NR) in Oslo and in partnership with the University of Oslo (UiO), the Norwegian University of Science and Technology (NTNU) and 11 partners: Statoil, DnBNOR, Gjensidige, Hydro, Institute of Marine Research, Sencel, Biomolex, Pubgene, Rikshospitalet-Radiumhospitalet, Smerud Medical research and Spermatech. **Statistics for Innovation** is funded by the Research Council of Norway and by the partners, with an annual budget of about 4 mill Euro. About 40 researchers will actively join the research projects of the centre. **Statistics for Innovation** participates to the UiO training programmes and will fund many Ph.D grants and postdocs. The centre considers applications of outstanding candidates ongoing.

The Ph.D fellowships are three year appointments. Applicants should have a master of science degree in statistics, actuarial sciences, mathematics, computer science, or equivalent. The degree must be obtained before an appointment is made. The ideal candidate has some experience in methodological and /or applied statistics, and an outstanding potential and genuine interest to develop statistical methodology aimed to innovation. The research project will be defined together with the candidate and the supervising team, including staff from the university and the other partners. The position will be at one of the participating departments: Mathematics, Computer Science, Basic Medical Research, all located, together with the centre's headquarter at the Norwegian Computing Centre, on the campus of the University of Oslo

The successful candidates will join a very active scientific group in Oslo conducting research in statistical methods directly relevant to innovation in the four sectors and at our partners. Active research areas include

biostatistics, statistical genomics, geostatistics, time series, simulation based inference, Bayesian methods, rare events, complex models, huge datasets, data integration, event history analysis, among others. The posts will give ambitious researchers an outstanding opportunity to develop their scientific careers in a vibrant interdisciplinary centre.

The fellowship provides research training leading to the successful completion of a Ph.D. degree. The fellowship requires admission to the research training programme at the Faculty of Mathematics and Natural Sciences. An approved plan for the research training must be submitted no later than one month after taking up the position, and the admission approved within three months. For more information see:

http://www.matnat.uio.no/forskning/utdanning/english/phd_programme_presentation.html

The Norwegian Computing Center and the University of Oslo seek to increase the number of female scientists. Women are therefore particularly encouraged to apply.

UiO has an agreement for all employees, aiming to secure rights to research results a.o.