4 Becas de investigación. Programación, matemáticas, ciencias (Inglés)

PhD fellowships available through the SUURPh international training programme

https://www.simula.no/education/suurph-collaboration

https://www.simula.no/students-page

Project Description

The Simula School for Research and Innovation seeks applicants for 4 PhD positions offered as part of a larger collaborative PhD programme between Simula, the University of Oslo (UiO), and the University of California, San Diego (UCSD). This programme has been named SUURPh (the Simula-UiO-UCSD Research and PhD training programme), and more details can be found on the programme home page, and on the page for SUURPh applicants. These pages should be consulted for general information regarding the programme and descriptions of all applicable projects that will be offered as part of SUURPh. You may need to open these links in a new window.

In particular detailed descriptions of the projects being offered can be found on the Projects Page under the "Simula-hosted projects" section. Each project will require slightly different expertise and experience, but all are within the scope of computational biology and medicine. Thus, Simula is seeking motivated and independent students from a wide range of training backgrounds, but particularly with a strong working knowledge in computational and quantitative disciplines, to take up these doctoral fellowships.

The duration of SUURPh doctoral fellowships will be 3 years, and the time of initiation will vary depending on the project but can be as early as June 1st 2015. All Simula-based SUURPh fellows will be enrolled as PhD students at the University of Oslo Mathematics and Natural Sciences Faculty.

Responsibilities

As a SUURPh fellow at Simula you will work closely with your primary SUURPh supervisors in Oslo and at UCSD, and undertake coursework and training related to computational biology and medicine. In some cases the tasks of SUURPh fellows may involve some experimental procedures, but the majority of work will be focused on computational approaches to major questions in biology and medicine. As such, development of mathematical and computational techniques for analysing and reducing complex experimental data will be a common application for SUURPh fellows, as will be development of complex and sometimes large numerical simulations of biological or medical systems.

Teamwork is an important feature of the Simula working environment, and all SUURPh fellows will be expected to conduct themselves in an engaged and participatory way with their peers and colleagues at Simula.

An additional unique feature of the SUURPh programme is that SUURPh fellows will be required to conduct a portion of their doctoral research in San Diego. As such, all applicants should be prepared and eager to spend a portion of their degree (generally 6 months – 1 year) at UCSD.

Your Profile

As mentioned above, the breadth of the SUURPh scope allows students of many training backgrounds to be excellent candidates for these fellowships. However, because the all projects are computational in their nature it is strongly recommended that applicants have a working background in programming and the mathematical/quantitative sciences. Beyond these general recommendations, the following requirements apply:

1. Completion of Masters in an appropriate field for the project/s of interest

2. Suitable academic performance in Masters and undergraduate coursework (academic records are required).

3. Strong quantitative and analytical skills is an advantage

4. Experience in developing software or analysis tools for biological or medical applications is an advantage

5. Good knowledge of the scientific field addressed by the project/s of interest is desirable

6. Good communication and interpersonal skills are necessary

Simula Offers

• An engaging and interactive working environment with highly competent and motivated researchers

• High-standard facilities and offices located on the Oslo fjord only a 10 minute ferry ride or drive from Oslo centre

• Competitive salary

Application Requirements

To apply for one of the SUURPh doctoral fellowships hosted at Simula you will need to select at least one of the projects that has been proposed by Simula-based investigators for this programme. Detailed project descriptions are provided here, and each applicant is permitted to select up to 3 (total between UiO and Simula) projects to which they would like to apply. In this portal you are only applying for the Simula projects, a similar application portal for UiO projects can be found here.

1. A cover letter summarising the candidate's background, and listing (in ranked order) all SUURPh projects (both UiO and Simula) to which the candidate will apply.
2. Curriculum vitae, listing contact information, education, prior research experience and specific research project involvement, and any publication of conference contributions or scientific papers.
3. Copies of relevant diplomas or graduation certificates.
4. Letters of reference, and contact information (name, current position, relation to the candidate, phone and e¬mail) for up to 3 academic and research-oriented referees.
5. For nonnative English speakers, proof of competency with English is optional but recommended. Standardized test results or completion of a University degree in an English-speaking country is suitable.

Simula seeks to maintain strong representation of international and female researchers, which makes for a dynamic and well-balanced environment. Women are particularly encouraged to apply.

The above documents should be combined into a single pdf document in the order listed above, and submitted via that link at bottom of the page – applications submitted by email will not be considered.

We encourage applicants to apply as soon as possible, but no later than **Aug 3rd 2015**.

Contact

For more information please contact Dr. Andy Edwards (andy@simula.no).

Link to apply:

https://emea3.recruitmentplatform.com/appproc/index.cfm?event=createSessionAfterSessionClear&ID=QL5FK026203F3VBQBV779QWA D&jobboard=0&nPTID=172&bSessionClear=true&nProfileIdFoundInAGP=

SOLICITANTES Se ruega manden copia de datos básicos: Nombre y apellidos, titulación y provincia de residencia a eures.nordicos@sepe.es **REF. SUURPh Fellowships**. Plazo **3/agosto/2015**