

PhD Student Position in Bioinformatics at Umeå Plant Science Centre

The availability of whole genome sequences for both Arabidopsis and Poplar, together with extensive transcriptomics, metabolomics and proteomics databases at UPSC, opens up unprecedented possibilities for systems biology and the study of regulatory control in these organisms. This project will use existing, as well as developing new, computational methods to model and dissect the regulatory networks of Arabidopsis and Poplar by combining various sources of biological data and knowledge.

Qualifications: You need a degree in computer science, bioinformatics or the equivalent. Excellent skills in written and spoken English are required. Good programming skills and experience with machine learning and data analysis/statistics is a plus.

Application: Your application should include a letter of interest, a curriculum vitae, copies of degrees and transcripts of academic records, one copy of the dissertation for masters or undergraduate degree and a list of references familiar with the your qualifications.

Further information:

Group leader: Torgeir R. Hvidsten, phone +46 (0)18 471 6687,

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Stefan Jansson, Professor, phone +46 (0)90-786 5354,

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Applications should be sent to Torgeir R. Hvidsten at Torgeir.Hvidsten@plantphys.umu.se or Stefan Jansson at Umeå Plant Science Centre, Department of Plant Physiology, Umeå University, SE-90 187 Umeå, Sweden within 2008-04-30.