PhD position “Modeling gene regulatory networks: an integrative Bayesian approach” funded by STAR

The Department of Mathematics of the Faculty of Sciences of the VU University Amsterdam is searching for an excellent PhD student with a strong background in mathematical statistics who will be working on the project “Modeling gene regulatory networks: an integrative Bayesian approach”. The PhD student will carry out her/his research within the group Statistics for Life Sciences, and the research will be performed in close collaboration with neuroscientists.

The PhD project concerns the development and application of stochastic models and statistical analysis tools for the identification of gene regulatory networks of transcription factors and their target genes.

Requirements
Candidates must have a doctoral or master degree in mathematics with specialization statistics or in another relevant area. Candidates should have excellent skills in mathematical statistics. Interest in biological applications is essential.

Information
For more information see http://www.math.vu.nl/~degunst/ad-PhD_statistics_gene-net_2012.html or contact Mathisca de Gunst <degunst@cs.vu.nl>.

Application
Applications, including a curriculum vitae, a list of courses plus their grades, and contact details of three references should be sent to Mathisca de Gunst <degunst@cs.vu.nl>.

Review of applications will begin immediately and continue until the position is filled.