

CONGRESOS Y REUNIONES

International Crop Loss Conference

Lugar: Paris, Francia

Fecha: del 17 al 19 de octubre de 2017

Más información: <http://www.epsoweb.org/event/international-crop-loss-conference-17-19-oct-2017-paris-fr>

WHEALBI workshop 1: Allele mining / genetic analysis

Lugar: University of Zurich Wageningen

Fecha: el 6 y 7 de junio de 2017

Más información: <http://www.epsoweb.org/event/whealbi-workshop-1-allele-mining-genetic-analysis-university-zurich-wageningen-6-7-june-2017>

SEB Plant Satellite Meeting-New breeding technologies in the plant sciences

Lugar: Swedish Exhibition and Congress Centre, Gothenburg, Sweden 7 - 8, 2017

Fecha: del 7 al 8 de julio de 2017

Más información: <http://www.sebiology.org/events/event/new-breeding-technologies-in-the-plant-sciences>

CURSOS

Genomic Selection course

Lugar: Dublín, IE

Fecha: del 12 al 15 de junio de 2017

Más información: <http://www.epsoweb.org/event/genomic-selection-course-12-15-june-2017-dublin-ie>

9th Utrecht PhD Summer School “Environmental Signaling in Plants

Lugar: Utrecht University, the Netherlands

Fecha: del 28 al 30 de agosto de 2017

Más información: <http://www.epsoweb.org/event/9th-utrecht-phd-summer-school-%E2%80%9CEnvironmental-signaling-plants%E2%80%9D-28-30-august-2017-utrecht-unive>

BECAS Y CONTRATOS

PhD positions in Population Genetics

Vienna Graduate School of Population Genetics, Vienna, Austria

Over the past years, Vienna has developed into one of the leading centres of population genetics. The Vienna Graduate School of Population Genetics has been founded to provide a training opportunity for PhD students to build on this excellent on site expertise. We invite applications from highly motivated and outstanding students with a background in one of the following disciplines: bioinformatics, statistics, evolutionary genetics, functional genetics, theoretical and experimental population genetics. Students from related disciplines, such as physics or mathematics are also welcome to apply.

Topics include:

- The adaptive value of diversity produced by recurrent whole genome doubling
- Epigenetic variation in Arabidopsis
- Evolution of gene expression
- Understanding thermal adaptation
- The impact of new transposable element insertions on adaptation to a new environment
 - Genetic footprints of adaptive introgression
 - Statistical inference concerning population genetic parameters from repeated genomic measurement data
 - New methods for modelling and analysis of data from experimental evolution
 - Maximum likelihood inference of population genetic parameters using genome-wide data
 - Macroevolutionary dynamics of selfish DNA unravelled by third generation sequencing
 - Dynamics of a selfish DNA invasion
 - Evolution of bird sex chromosomes

Only complete applications (application form, CV, motivation letter, university certificates, indication of the two preferred topics in a single pdf) received by May 21, 2017 will be considered.

Two letters of recommendation need to be sent directly by the referees. Accepted PhD students will receive a monthly salary based on currently EUR 2071 before tax according to the regulations of the Austrian Science Fund (FWF). All information about the about available topics, the training program and the application procedure can be found at www.popgen-vienna.at

Postdoc position

Monaghan Lab at Queen's University, Canada

We are looking for a talented postdoc with a solid background in molecular biology, biochemistry, plant biology, and genetics to join our growing team. Research goals are flexible but most projects currently focus on understanding the biochemical and

genetic interactions governing immunity and immune homeostasis in the model plant Arabidopsis. Start date is negotiable but is expected to be on or before Jan 1, 2018.

For additional information: <http://www.monaghanlab.ca/news/postdoc-position-in-the-monaghan-lab-at-queens-university-canada>

Position: Postdoctoral Associate in Plant Physiology and Mechanics
University of Delaware, Newark

Position Details The Erin Sparks laboratory at the University of Delaware is seeking a highly motivated postdoctoral candidate for a project in Plant Physiology and Mechanics. The Sparks lab focuses on understanding the development, morphology, function, and molecular regulation of maize brace roots. Brace roots, which emerge from plant stems above the soil, are proposed to play an important role in structural stability and late-stage nutrient/water acquisition. Yet, how these roots contribute to stability and whole plant physiology remains a poorly understood area of plant biology. This project will systematically determine the function of brace roots in plant stability and physiology. Additional information about the lab environment and PI expectations are outlined in the Sparks Lab Mission and Guidelines. This position is located at the Delaware Biotechnology Institute (DBI), a multidisciplinary research facility with world-class researchers and core facilities (<http://www.dbi.udel.edu>). The University of Delaware is located in scenic Newark, DE, an excellent geographic location within two hours of New York, Philadelphia, Baltimore and Washington, D.C. Postdoctoral salaries and fringe benefits are highly competitive.

Qualifications Required: A PhD in biology, engineering, or a related field; excellent organization, communication and interpersonal skills; and a record of scientific publication. Applicant must be able to work both independently and with others within a research team. Applicants interested in open science and research transparency are particularly encouraged to apply. Experience in physiology, biochemistry or structural engineering is a plus. To Apply The position is available starting in August 2017 and the initial appointment is for 1 year, renewable annually. A renewal of the appointment will be contingent upon success of the research program.

To apply, please email as a single PDF: a one-page cover letter, curriculum vitae, and the contact information for at least two references to Erin Sparks at bracerootsgmailcom. Please include "Postdoc in Plant Physiology and Mechanics" in the subject of your email. Employment offers are conditional upon successful completion of a criminal background check. The University of Delaware is an equal opportunity/affirmative action employer and Title IX institution. For the University's non-discrimination statement, visit <http://www.udel.edu/home/legal-notices/>.

Postdoc position in Plant-Microbe Interactions
Uppsala, Sweden

The role of autophagy during virus infection Project: Research in the Hofius lab focuses on molecular mechanisms of autophagy and programmed cell death during

plant-pathogen interactions. The aim of the project is to elucidate the targets and functions of autophagy in response to virus infection, and builds on our recent finding of selective autophagy processes in antiviral immunity (Hafrén et al., 2017, Proc. Natl. Acad. Sci. USA 114, E2026- E2035). The work will involve genetic, biochemical, cell biological, and proteomic approaches mainly in Arabidopsis and tobacco plants. For more information about the Hofius lab, please visit the homepage: http://www.slu.se/D_Hofius. Environment: The successful applicant will work in the research group of Prof. Daniel Hofius at the Department of Plant Biology, Swedish University of Agricultural Sciences (SLU) (www.slu.se/en/vbbsg) and Linnean Centre for Plant Biology in Uppsala, Sweden (<http://lcpu.se/>). The department offers a creative and stimulating international environment and is one of several departments that make up the cluster 'Uppsala BioCenter' at SLU. Qualifications: Applicants should have a PhD degree and solid background in plant molecular biology and genetics. Documented experience in plant-microbe interactions, cell biology, proteomics and/or the analysis of protein-protein interactions is highly valued. Excellent communication skills in both oral and written English are expected. Candidates with a strong interest in virology, plant innate immunity and autophagy research are especially encouraged to apply. Employment: The position is financed by a stipend from the Carl Tryggers Foundation and initially limited to one year with potential extension. Starting date: The position is open from September 2017 with some flexibility. Application: The application deadline is June 12, 2017 but the evaluation process will start immediately upon receipt of applications. Please submit your applications, including CV, a description of research experiences, a statement of scientific interests and motivation for applying to this position, as well as contact information of 2-3 references as single pdf file to: daniel.hofius@slu.se ('CTS 17 postdoc' in subject line)

OTROS

The Global Plant Council published the report, "Integration of Nutritional Security, Food Security and Health". This report was based on the discussions held and expert recommendations made at the GPC Biofortification Symposium and Discussion Forum held in Xiamen, China, in 2015. A free PDF copy of the report can be downloaded from our website at: <http://globalplantcouncil.org/initiatives/nutritional-security>

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