

DEPARTMENT OF PLANT SCIENCES
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COLLEGE OF AGRICULTURAL AND
ENVIRONMENTAL SCIENCES
AGRICULTURAL EXPERIMENT STATION
COOPERATIVE EXTENSION

May 14th, 2015

POSTDOCTORAL POSITIONS

UC Davis Chile - Life Sciences Innovation Center is making an open call to recruit researchers who wish to pursue postdoctoral research in UC Davis. We are looking for highly motivated and talented researchers interested in develop new strategies to solve problems in five main areas: Plant microbial diagnostic, whole genome analytical tools, agro-climate technologies, wine sensory analysis, enology.

The particular topics for these areas are:

- Genetic variability of grapevines virus in wineries field (Dr. Bryce Falk)
- Study of diversity of fungus consortia associated to wood cankers (Dr. Douglas Gubler)
- Development of molecular markers for grapevine varieties and clones (Dr. Dario Cantu)
- Eukaryotic genome assembly (Dr. Dario Cantu)
- Pathogen-resistance QTL identification in grapevine rootstocks (Dr. Andrew Walker)
- Genotypic characterization of new rootstock in Chilean germoplasm (Dr. Andrew Walker)
- Data integration and predictive modeling development for vineyard water management (Dr. Shirini Upadhyaya)
- Development of a evapotranspiration models for grapes under different irrigation regimes (Dr. Kyaw Tha Paw U)
- Wine process automatization for fermentation (Dr. Roger Boulton)
- Grape and wine sensory evaluation system (Dr. Hildegard Heymann)
- Wine metabolomics and applications (Dr. Susan Ebeler)
- Microbial *terroir*, microbiome associated to wine production (Dr. David Mills)

The mission of the center is to promote translational research and enhanced scientific capabilities, generating science-based solutions to meet the needs and challenges of Chilean agricultural producers and food and forestry industries. The research programs at UC Davis will be connected with collaborators in Chile and the postdoctoral researchers will have the opportunity to work in the most advanced laboratories at UC Davis while remaining connected to the Chilean academic communities. In addition to the individual research laboratories, UC Davis provides a stimulating scientific environment with over 800 faculty in the life sciences and active seminar programs in every field of science.

UC Davis Chile will screen applicants for relevance to the specific research topics and will support selected candidates in the development of their research proposal and application to Becas Chile (<http://www.conicyt.cl/becas-conicyt/2015/04/becas-de-postdoctorado-en-el-extranjero-becas-chile-convocatoria-2015/>). UC Davis Chile will also supplement living expenses of the researcher and will support the mobilization between USA and Chile for research purposes during the postdoctoral program period.

Position Description: A full-time fixed-time postdoctoral position available for 2 years. The research fellow will be a key member of UC Davis Chile team.

More info and details at <http://www.ucdavischile.cl> questions to Dr. Alvaro Castro (acastro@ucdavischile.org).