



DEPARTMENT OF FOREST ECOSYSTEMS AND SOCIETY

321 Richardson Hall, Corvallis, Oregon 97331-5752

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POST DOCTORAL RESEARCH ASSOCIATE

Position #: 0003078

Title: Research Associate Post Doc in Plant Epigenomics

Location: Department of Forest Ecosystems and Society, Oregon State University, Corvallis OR

Earliest starting date: October 1, 2008

For full consideration apply by: September 15, 2008

Position summary: The successful applicant will play a major role in a study of epigenomics of development in *Populus* trees. A project summary can be found at this URL:

http://www.fsl.orst.edu/tgerc/2008Proposals/StraussPoplarEpigenomics_Non-Tech_Summary.htm.

Duties: Development of methods for isolation of DNA and chromatin, including quality verification; Preparation of DNA/libraries for deep sequencing of bisulfite treated and antibody (histone) selected chromatin; Informatic analysis of ChIP-Seq data; Biological interpretation of informatic results; Directing students and technicians; Taking part in laboratory organization and management; Producing clear plans and presentations at meetings (must have a driver's license to attend meetings and visit field sites); Submission of timely peer review publications and grant proposals; Responsible, timely, and congenial cooperation with other project staff and PIs via electronic and direct communications; Reading and analysis of scientific literature relevant to project.

Qualifications

Required

1. Ph.D. in plant biology or a related field
2. Competence and experience in the area of bioinformatics
3. Demonstrated ability to cooperate and communicate effectively with co-workers
4. Evidence of high quality verbal and written communication skills in English
5. Experience with computer software, including e-mail, word processing, spreadsheets, graphics programs, bioinformatic programs, statistical analysis, and web-based scientific searches

Preferred

6. Demonstrated competence (research experience) in epigenetic research methods, chromatin isolation, and analysis of deep sequencing data
7. Background and interest in tree and poplar genetics and physiology

8. Demonstrable commitment to promoting and enhancing diversity

Employment Conditions: Full-time (1.0 FTE), fixed-term, 12-month faculty position. Reappointment is at discretion of the Dean. Full-time annual salary rate is \$38,004 - \$44,004, depending on the qualifications of the successful candidate. The current applicable grant is expected to be funded for three years.

For additional information: Contact Dr. Steve Strauss (Phone 541-737-6578, e-mail steve.strauss@oregonstate.edu).

To apply: For full consideration, apply online at <http://oregonstate.edu/jobs> by uploading a letter of application describing background and reason for interest in this specific position, and the extent to which you have the required and preferred qualifications (500-1,000 words); complete resume; copies of transcripts for all university work (if too large to upload, they may be emailed or mailed. If mailed, send to Jeannette Harper, Department of Forest Ecosystems and Society, Oregon State University, 321 Richardson Hall, Corvallis, OR 97331-5752 or emailed to jeannette.harper@oregonstate.edu); and names, email addresses, and telephone numbers of five references by September 15, 2008. For questions regarding the application process, email Jeannette Harper at jeannette.harper@oregonstate.edu or phone 541-737-6554. Posting #0003078

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