

**Postdoctoral Research Associate
in Plant Molecular Genetics**

**Plant Molecular Genetics Group
Environmental Sciences Division
Biological and Environmental Sciences Directorate
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL09-103-ESD

Project Description:

Candidate will conduct work related to improving the genetic map for hybrid poplar using both SSR and SNP data.

Qualifications:

Ph.D. required. Candidate should be familiar with the identification of the micro satellite priming sites using computer algorithm, designing such primers, and assaying micro satellites based on Sanger 3630xl platforms. The candidate should also be familiar with scoring electrophorgrams to identifying allelic variation among progeny within a segregating pedigree. They should also have a background in genetic mapping associated and hybrid poplar QTL analysis

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

Technical Questions:

Questions regarding the position can be directed to Gerald Tuskan at tuskanga@ornl.gov

How to Apply:

Qualified applicants must apply online at https://www2.ornl.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>. When applying for this position, please reference the position title and number.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.