

Postdoctoral Position 2021

Transcriptional networks regulating wood formation

Dr Steven Hussey

A two year position (2021-2022) is available for a talented Postdoctoral Fellow to work with Dr Steven Hussey on a National Research Foundation-funded project. The Fellow will be hosted by the Forest Molecular Genetics Programme, affiliated with the prestigious Forestry and Agricultural Biotechnology Institute (FABI) at the University of Pretoria, South Africa. The Fellow will be expected to lead high-throughput protein-DNA interaction mapping and apply integrated multi-omics network reconstruction approaches to better understand the regulation of wood formation in *Eucalyptus*, in collaboration with leading international researchers.



Opportunities for academic development, student co-supervision, international conference attendance and engagement with industry and government stakeholders will be made available.

Project title: Protein-DNA interaction mapping and reconstruction of transcriptional regulatory networks underlying wood formation in *Eucalyptus*

❖ Minimum requirements:

- A PhD in Genetics, Bioinformatics, Biochemistry, Microbiology or a related discipline.
- Demonstrated expertise in plant molecular biology and/or biological network analysis.
- Extensive experience in gene cloning, DNA assembly and manipulation.
- A track record of excellent published research.

❖ Preferred qualities: Experience with yeast-based assays, basic programming competency, knowledge of and interest in wood formation.

Enquiries and applications can be sent to steven.hussey@fabi.up.ac.za

APPLICATIONS CLOSE 5 MARCH 2021. A cover letter, CV and contact details for 3 academic referees should be provided.



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Natural and
Agricultural Sciences

Fakulteit Natuur- en Landbouwetenskappe
Lefapha la Disaense tša Tlhago le Temo

FABI

