

# ROWLAND INSTITUTE AT HARVARD

## **Post-doctoral position in plant development**

A two-year (maximum three-year) post-doctoral research position in plant developmental biology is available starting Fall 2007 in the Plant Patterning Group at the Rowland Institute of Harvard University. Our lab uses *Populus* as a model species for studies of the vascular cambium and secondary growth with a current focus on the role of auxin in regulating cambial activity. The post-doctoral fellow will be encouraged to develop a project within this area with ample room to tailor research goals to existing interests and experience. Other interests in the lab include the physiology of xylem parenchyma cells and live cell imaging in plants. On-site facilities include a glasshouse and environmental growth chambers, epifluorescent and confocal microscopes, SEM, HPLC & mass spectrometry, and general molecular biology, histology and tissue culture equipment. Off-site access to TEM and sequencing/genomic facilities is also available. The Rowland Institute is an interdisciplinary research center dedicated to independent, experimental science over a broad range of disciplines. We offer a competitive salary package including benefits and are conveniently located in the heart of Cambridge, Massachusetts near both Harvard and MIT. Please visit the Rowland Institute's webpage for an overview of our mission, facilities and current research at <http://www.rowland.org>.

## **Requirements**

Ph.D. in plant molecular biology or plant developmental biology is required at the time of hire. Anticipated start date is 9/2007. Applicants should have experience in plant gene expression and protein localization, including immunolocalization and/or *in situ* hybridization, as well as fluorescence microscopy (confocal a plus) and basic histology. Experience with plant transformation and tissue culture is desirable but not required. Suitable candidates will be highly-motivated individuals interested in how phenomena at the cellular level give rise to patterns at the tissue level. The ideal candidate will have knowledge of plant anatomy and be eager to tackle the challenges of working with a woody model species. Effective written and verbal communication skills are a must.

## **How to apply**

Please send a CV, statement of research interests (3 page limit), and the names and contact information for three references to the following address. Electronic submissions (a single pdf preferred) are strongly encouraged and can be sent to the email address shown here.

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*Harvard University is an Equal Opportunity and Affirmative Action Employer.  
Women and minorities are especially encouraged to apply.*

