Postdoctoral Research Position on Plant Architecture

A postdoctoral position is available to research molecular control of shoot branching in plants. The project aims to make discoveries in signal transduction, genetic control, and physiological response of plants to a range of natural and synthetic molecules, with the goals of further defining plant architectural determinants and methods of adjusting them for agricultural benefits. Both model systems and crops can be used, and primary phenotypic targets of interest include axillary bud outgrowth, reproductive differentiation, plant stature, internode length, and stem strength, among others.

**Qualifications:** A PhD in plant physiology, plant molecular genetics or a related plant science field, with at least 2 publications related to the project area, demonstrated strong ability in a range of plant molecular biology techniques, ability to productively self-manage as well as work with a team, excellent ability in oral and written English, good experimental design and statistical analysis abilities, and good organizational skills are required. Also important are the ability to think creatively as well as critically, and good familiarity with basic plant hormonal mechanisms. Familiarity with agricultural production methods and practice are desirable.

**Setting:** The position will be housed in the laboratory of Dr. Scott Finlayson, Department of Soil and Crops at Texas A&M University, and is sponsored by Stoller Enterprises in Houston. The position is for an initial period of 1-2 years, with further potential conditioned by performance. Salary is commensurate with experience and qualifications.

Applicants should send a CV including a complete publications list, a letter describing their experience and interest for starting the position, and the names of 3 references, to: [RSalzman@stollerusa.com](mailto:RSalzman@stollerusa.com) and [sfinlayson@tamu.edu](mailto:sfinlayson@tamu.edu)