Postdoctoral Research Position on Plant Reproductive Development

A postdoctoral position is available to study molecular control of plant reproductive development and fruit retention in response to signaling molecules. The aim of the project is to make discoveries of how natural plant hormones and other signaling molecules affect reproductive success and agricultural production, especially in response to environmental factors such as heat stress. The goals include developing strategies to regulate flowering density, reduce fruit abortion, increase yield under ordinary conditions, and protect yield from adverse conditions.

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 and sfinlayson@tamu.edu