Postdoctoral Researcher: Stomatal response to pathogens in maize 2/8/18

Applications are invited for a post-doctoral researcher in Dr. Michelle Facette’s lab at the University of New Mexico. The Facette lab has two areas of focus: cell polarization & asymmetric cell division; and the function of grass stomata, both using maize as a model system. A post-doc is available, starting immediately, to determine the role of receptor-like proteins in promoting stomatal closure, especially in response to pathogen elicitors.

The project involves physiological and functional assays of stomatal function, as well as protein work including co-IP/MS. Previous experience with plants is not required. Experience with performing co-IP/MS, confocal microscopy, OR plant physiology (e.g., Licor gas exchange measurements) are assets, but also not required. Applicants with a background in immunity (in any system) are especially encouraged to apply.

The appointment is funded for two years and renewed on an annual basis, with the possibility of extension. Salary will be commensurate with experience. Applicants should send a cover letter describing your interests and expertise, a CV and names for 3 references to mfacette@unm.edu. Applications will be reviewed until the position is filled.