Postdoctoral Researcher in Plant Cell Polarity

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. We approach these problems using genetics, cell biology and biochemistry. The position will be available immediately to characterize new proteins identified through reverse and forward genetic approaches that are important for asymmetric division during the formation of the maize stomatal complex. For more information see: http://facettelab.weebly.com/publications.html.

Previous experience in cell and molecular biology is required. Previous experience using confocal microscopy or next generation sequencing is an asset. Experience with plant model systems (such as Arabidopsis, rice, maize or Brachypodium) is also an asset but not required (including plant tissue culture and/or transformation of monocots). Candidates should have a publication record, good communication skills, and be willing to mentor graduate and undergraduate students.

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.