



DEPARTMENT OF ENTOMOLOGY AND NEMATODOLOGY  
COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES  
AGRICULTURAL EXPERIMENT STATION  
TEL: (530) 752-0492  
FAX: (530) 752-1537

ONE SHIELDS AVENUE  
DAVIS, CA 95616

### **Postdoctoral Position in Plant-nematode Interaction Research at UC Davis**

Siddique Lab at UC Davis invites applications for a postdoctoral position focused on harnessing the power of CRISPR/Cas9-targeted mutagenesis to bolster resistance against plant-parasitic nematodes in crop plants including tomatoes.

#### **Position description**

Plant-parasitic nematodes are destructive pests causing losses of billions of dollars annually. These pests are also intellectually fascinating due to their highly evolved interkingdom interactions with host plants. Research in the Siddique Lab focuses on elucidating interactions between plant parasitic nematodes and their hosts using molecular and applied methodologies ([www.nemaplant.org](http://www.nemaplant.org)). The successful postdoc candidate will manage a project, harnessing the power of CRISPR/Cas9-targeted mutagenesis, to identify new resources for durable resistance against root-knot nematodes in crop plants like tomatoes.

#### **Details:**

**Start Date:** Nov 1, 2023.

**Application Deadline:** Review of applications has begun and will continue until the role is secured.

**Salary:** Salary will be based on level of experience ranging from \$64,480-\$74,569

#### **How to Apply:**

To apply, please email Dr. Shahid Siddique at [ssiddique@ucdavis.edu](mailto:ssiddique@ucdavis.edu).

Your single PDF application should contain:

A one-page tailored cover letter.

A current CV, highlighting contact information for three references.

#### **Essential Qualifications:**

A PhD in a related field such as nematology, plant biology, molecular biology, or plant pathology.

Hands-on experience with advanced molecular biology techniques.

Ability to work both independently and collaboratively.

Strong written and verbal communication abilities.

#### **Desirable Qualifications:**

Prior knowledge or experience in nematology.

Experience working with tomato plants.

**Duration:**

The role begins with a 24-month commitment, which may be extended to a maximum of 3 years, based on performance and project needs.