The Department of Genetics, Development and Cell Biology (GDCB) at Iowa State University (ISU) invites applications for a tenure-track assistant professor position in Plant Genome Engineering.

GDCB seeks to hire a plant biologist who addresses fundamental or applied questions in the mechanisms of plant function and/or development at the cellular and molecular level using genome engineering such as CRISPR/Cas gene editing. Scientists developing resources that potentially reshape specific plant characteristics for the benefit of the environment and the human condition are strongly encouraged to apply.

Areas of interest include but are not limited to: molecular and cellular processes integral to plant health or disease, genome dynamics, phenomics, plant development, epigenetics, genetic and metabolic regulatory networks, and plant responses to environmental signals and stresses. Interdisciplinary or collaborative research is encouraged.

Responsibilities include building a nationally recognized research program that competes successfully for extramural funding, advancing the discipline through high-quality publications, mentoring students, and effective teaching of undergraduate and graduate courses. The successful candidate will demonstrate excellent communication and leadership skills and will share the university’s commitment to an inclusive environment that supports diversity.

Required Qualifications:
- Ph.D. in life sciences or related
- Published record of high-quality research

Preferred Qualifications:
- Demonstrated ability or clear potential to secure extramural funding
- Evidence of ability to develop a research program with potential for national distinction
- Research plan that enhances existing strengths at ISU
- Engagement in interdisciplinary or collaborative research
- Postdoctoral research experience
- Demonstrated ability or potential to excel in scholarly teaching
- Evidence of commitment to an inclusive climate that supports diversity and enables honest and respectful exchange of ideas

Please visit https://www.iastatejobs.com/postings/37758 to view the entire vacancy and apply electronically. For full consideration, submit the application by February 18, 2019.

Iowa State University (ISU) is ranked as one of the top public universities in the nation. ISU is located in Ames, Iowa, a progressive community of 66,000 that was recently voted one of the best college towns in the nation.

Iowa State University is an EO/AA Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected Vets status.