

Assistant Professor in Plant Sciences – Plant Biologist
Department of Plant Sciences
University of California, Davis

RESPONSIBILITIES: The successful candidate's research will focus on the biochemical and/or molecular basis of plant biomass production and conversion into Biomaterials and/or Biofuels. Some key research areas may include but are not limited to (1) enhancement of biomass production by plant species to be cultivated as biofuels feedstocks,(2) modification or altered regulation of lignin and/or polysaccharide biosynthesis, and (3) modification/controlled management of cell wall polymer disassembly using multidisciplinary approaches that include molecular genetics, biochemistry, genomics and/or transgenic technologies. We anticipate that many candidates may not have had experience in research that addresses biofuels-related questions. This, in no way, eliminates candidates from consideration. However, in her/his "statement of research", each applicant should indicate how prior research experiences have provided a foundation on which a creative and productive program of biofuels research can be based.

This position is an integral part of the UC Davis campus-wide initiative on Energy for the Future and the candidate is expected to operate well in a multi-disciplinary team focused on the development of viable long-term technologies in biomaterials and bioenergy. The ability to teach undergraduate and graduate students is a requirement and the successful candidate will be expected to teach subjects related to plant biomass synthesis and conversion to biomaterials and energy and participate in teaching other undergraduate and/or graduate courses in the Plant Science curriculum. Advising and mentoring of undergraduate and graduate students, including membership in appropriate graduate programs is expected. The position is an academic year (9 month) tenure track position with fiscal-year term appointment (11 months) to be offered and continued based on academic personnel review. The **Assistant Professor** position includes an appointment in the **Agricultural Experiment Station**. Faculty members who hold an Agricultural Experiment Station appointment have a responsibility to conduct research and outreach relevant to the mission of the California Agricultural Experiment Station. It is anticipated that the candidate will collaborate with other scientists at UC Davis, cooperative extension specialists, farm advisors and researchers from other universities and agencies to address the mission of the college. The successful candidate will be expected to participate in departmental, college, and division committees and with state, regional and national organizations that address bioenergy issues.

QUALIFICATIONS: Ph.D. or equivalent level of experience in plant Biochemistry, or genetics, or related fields.

SALARY: Commensurate with qualifications and experience.

TO APPLY: Candidates should begin the application process by registering online at <http://recruitments.plantsciences.ucdavis.edu/>

Please include statements of research and teaching interests, *curriculum vitae*, publication list, copies of 3 of your most important research publications, copies of undergraduate and graduate transcripts (if within 5 years of either degree), and the names, e-mail addresses, and telephone numbers of at least five professional references. For administrative questions regarding the application process, please email plantsciences@ucdavis.edu Review of the applications for this position will begin January 9, 2009. The position will remain open until filled.

The University of California, Davis, and the Department of Plant Sciences are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities