

**Job Opening**  
**PLANT BIOLOGIST / GENETICIST/ BIOCHEMIST**  
**North Carolina State University, Raleigh, NC**

**Scientific Contact: Prof. Candace Haigler, [candace\\_haigler@ncsu.edu](mailto:candace_haigler@ncsu.edu); 919-515-5645.** A Post Doc or other Research Associate appointment is available in the Dept. of Crop Science at NC State University effective October 1, 2009. The successful candidate will be employed in the laboratory of Dr. Candace Haigler, Professor of Crop Science and Plant Biology, at NC State. They will work within the **Center for Lignocellulose Structure and Formation**, a newly funded **DOE EFRC** including Penn State, NC State, and Virginia Tech. The candidate's research will involve plant and microbial genetics, plant and microbial cell culture, and biochemistry as part of a comprehensive research program to elucidate the structure and function of the cellulose-synthesizing complex in plant and microbial systems. The research will be coordinated with others working in the areas of advanced microscopic imaging, nanobioengineering, and computational modeling.

Minimum Requirements are:

- The Post Doc position minimum requirements are a Ph.D. in biological sciences, bio-engineering, or closely related disciplines.
- The Research Associate position minimum requirements are an MS degree with 1-3 years of research experience in biological sciences, bio-engineering, or closely related disciplines.

Other required skills are:

- Laboratory skills in plant and microbial genetics, plant and microbial cell culture, and biochemistry, preferably demonstrated by publication in peer-reviewed international research journals.
- Experience with nucleic acid manipulations/cloning/plant transformation.
- Excellent oral and written English communication skills.
- Ability to work independently as well as constructively and synergistically in coordination with a larger research team.
- Ability to trouble-shoot problems with techniques and equipment, devising creative solutions to problems as they arise.
- Demonstrated ability to plan, carry out, and summarize research for grant reports and publications.
- Supervision of hourly employees and undergraduate researchers.

Additional preferred skills are:

- Prior experience with Arabidopsis genetics and/or recombinant protein technology.

When the posting goes on the Web, applicants should apply online (<http://jobs.ncsu.edu>; position number 01-06-0908). Submit a cover letter, curriculum vita/resume, and contact information (name, professional address, phone number, and e-mail) for three references. Documentation of identity and employability of the applicant will be required before the hiring process can be finalized. NC State University is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion sex, age, veteran status, disability, or sexual orientation. Individuals with disabilities desiring accommodations during the application process should contact Joyce Elias at 919-515-2648.