Postdoctoral Fellowship for Minorities  
Alonso-Stepanova Group  
Department of Plant and Microbial Biology  
North Carolina State University  

**Description:** We are seeking postdoctoral candidates to join a multidisciplinary team of molecular geneticists, bioinformaticians, and engineers to investigate the molecular circuitries of signal integration in plants. Using an avant-garde set of ideas and technologies in both molecular biology and engineering, such as ribosome footprinting and dynamic modeling of translation-based gene regulatory networks, the complex molecular mechanisms involved in the signal integration of two plant hormones, ethylene and auxin, are being investigated. The multidisciplinary nature of this research represents an excellent training opportunity for individuals seeking to combine experimental and theoretical approaches in biology.

**Qualifications:** The successful candidate for this position should have either a Ph.D. in molecular biology or a related discipline with proven experience in bioinformatics/engineering or a Ph.D. degree in bioinformatics/engineering with hands-on experience in molecular biology. This special two-year Dean’s Diversity fellowship, targeted at **minority postdoctoral fellows** committed to both research and teaching, strives to promote minorities’ participation in science.

**Research Program Information:** [http://www4.ncsu.edu/~jmalonso/Alonso-Stepanova_Home.html](http://www4.ncsu.edu/~jmalonso/Alonso-Stepanova_Home.html)

**Project Leader:** Jose M. Alonso. [jmalonso@ncsu.edu, 919-515-5729](mailto:jmalonso@ncsu.edu, 919-515-5729)

**General Requirements:** Persons interested in the Dean’s Postdoctoral Fellowship opportunity must hold an earned PhD and meet the qualifications of their project of interest. The postdoc will be required to teach a class based on the needs of the department and his/her background and interests. Additionally, the postdoc will work on one project with the Office of Diversity Affairs. Therefore, prior experience working with underrepresented minority populations is required.

**Postdoctoral Stipend:** $40,000 to $45,000 per year PLUS benefits AND up to $3000 for professional development.

**Application:** By February 12, 2016, interested persons must contact the **project leader**. Interested persons of Native American and African American descent are encouraged to contact the project leader.