Post-doctoral Position: Plant Systems Biology @ Coruzzi Lab
New York University Center for Genomics and Systems Biology

A post-doctoral position at NYU’s Center for Genomics and Systems Biology - in the laboratory of Dr. Gloria Coruzzi - is available as part of our NSF Plant Genome Grant; NutriNet: A network inspired approach to improving Nutrient Use Efficiency (NUE) in crop plants.

Overview: Recent advances in genome sequencing, functional genomics, and computational tools enable a systems-level understanding of key physiological and developmental processes in the model plant Arabidopsis, but translating this knowledge to enhancing agriculturally important phenotypes in crop species remains challenging. The goal of our NutriNet project is to develop network-connected modules in crops- exploiting Arabidopsis network knowledge - that are predictive of phenotypic variation and enhance the efficiency of genetic gain in crop species, using nutrient use efficiency (NUE) as the target trait in Arabidopsis, maize and rice.

Qualifications: The successful applicant will have skills and experience in Genomics and Bioinformatics. The position will require both experimental and computational skills for the generation and analysis of NextGen datasets. Skills in R, Perl, Python or other programming language are strongly preferred. This position also includes helping to write grant reports, paper writing and communicating our work in conferences and meetings.

Plant Systems Biology @ The Coruzzi lab: http://biology.as.nyu.edu/object/GloriaCoruzzi.html
The Coruzzi lab is located at NYU’s Center for Genomics and Systems Biology located in the historic and vibrant Greenwich Village in downtown Manhattan in New York City. NYU is one of the world’s leading research universities and its Center for Genomics and Systems Biology is housed in a new, state-of-the-art facility with 14 faculty members who study Genomics and Systems Biology across all kingdoms of life. For more information on NYUs Genome Center, please go to http://cgsb.as.nyu.edu

Applications received by Oct 31, 2017 will receive full consideration for the position.
Please send cover letter, resume and 3 letters of reference by email to: coruzzi.lab.nyu@gmail.com. Please mark the subject line of your e-mail: Coruzzi NYU Lab Post-doc Application

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New York University Center for Genomics and Systems Biology
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