Postdoc position to functionally characterize transcriptional regulation of metabolism in plants

A postdoctoral researcher position is available immediately in laboratory of Dr. Sue Rhee at Carnegie Institution for Science, Department of Plant Biology. The project aims to elucidate regulatory mechanisms as well as functionally examine regulators (epigenomic modifiers and transcription factors) that control the expression of metabolic genes and pathways in plants.

Qualified candidates must have a Ph.D. or equivalent in Plant Biology, Cell Biology, Biochemistry or a related field, and a strong background in molecular genetics, chromatin biology, and statistics. Candidates with experiences in ChIP-sequencing, large-scale yeast-one-hybrid assays are especially encouraged to apply. Work experience in plant biochemistry, imaging or R programming are pluses. The successful candidates should also have demonstrated ability for independent and critical thinking, excellent communication and teamwork skills, and enthusiasm for learning new knowledge.

The Carnegie Institution, a private, nonprofit organization engaged in basic research and advanced education in biology, astronomy, and the earth sciences, was founded and endowed by Andrew Carnegie in 1902 and incorporated by an act of Congress in 1904. Andrew Carnegie conceived the Institution's purpose “to encourage, in the broadest and most liberal manner, investigation, research, and discovery, and the application of knowledge to the improvement of mankind.” The Department of Plant Biology engages in basic research on the mechanisms involved in the growth and development of plants and algae. The Department of Plant Biology is co-located with the Carnegie Department of Global Ecology on a seven-acre site on the campus of Stanford University.