Explaining ‘big’ ideas about biofuels, genomics in the cloud
Visit www.bigthink.com to watch CSHL researchers Rob Martienssen and Michael Schatz (@mike_schatz on Twitter) explain how they’re applying their research to solve some very big problems. Plant biologist Martienssen describes how he’s using the principles of epigenetics that his group has uncovered to “persuade” a tiny weed to produce biofuel. Quantitative biologist Schatz talks about his efforts to modify Google’s “secret sauce” to manage the DNA data deluge brought on by the revolution in genome sequencing.

Genetics Society of America honors DNALC’s David Micklos
Founder and executive director of CSHL’s DNA Learning Center (DNALC) David Micklos is no stranger to awards that honor innovation in science education. The latest is the 2012 Elizabeth W. Jones Award for Excellence in Education by the Genetics Society of America (GSA). The award honors Micklos for bringing “the excitement of DNA science into the educational curriculum for thousands of students, high school teachers, and undergraduate faculty.” The DNALC provides hands-on laboratory learning to more than 35,000 middle and high school students every year. Thousands of teachers nationwide have been trained in molecular biology to enhance their existing curriculum.