



In the News

Long Island Business News
[Accelerate Long Island created](#)
January 25, 2011

The New York Times
[Canine Tumor Fuels Up by Stealing Parts From Host](#)
January 24, 2011

Newsday
[Partnership strives to create a Silicon Valley on LI](#)
January 9, 2011

Genome Technology
[Fifth Annual Young Investigators](#)
December 2010/January 2011

Sweet success: Chocolate and grape genomes sequenced



CSHL Professor and sequencing pioneer W. Richard McCombie was part of an international team that has sequenced the genome of *Theobroma cacao*, the arboreal source of the world's finest chocolate. The work, which was published in the journal *Nature Genetics*, was made possible by a National Science Foundation grant that helped CSHL acquire state-of-the-art sequencing equipment.

CSHL scientists led by Adjunct Associate Professor Doreen Ware were also part of a multi-institutional sequencing effort - this one to complete the most comprehensive genomic sequence analysis of the domesticated grape. This work might, in part, lead to hardier and more economically viable grape varieties.



Upcoming Events

- 3/14/11 NIH New Investigator [Regional Conference](#)
 - 3/22/11 Meeting: [Systems Biology: Networks](#)
 - 3/29/11 Meeting: [Computational Cell Biology](#)
 - 4/9/11 [Labapalooza!](#)
 - 4/16/11 National DNA Day [Scavenger Hunt](#)
- Public Lectures & Concerts
[Cultural Series 2011](#)

The neural basis of improved response to anticipated stimuli

Our ability to anticipate an event can improve the speed and accuracy of our response to the event as well as our perception of it. But how do these improvements in perception arise from changes in neuronal activity? A [study](#) in *Nature Neuroscience* by CSHL Professor [Tony Zador](#) and postdoc Santiago Jaramillo that describes the response in rats to anticipated sound stimuli sheds light on this intriguing question.

Science magazine lauds two CSHL projects in its end-of-year round up



One of *Science* magazine's [top-10 "Insights of the Decade"](#) is the discovery by CSHL Professor Thomas Gingeras and others that [over 90% of the human genome](#) is transcribed as RNA that do not code for protein. An innovation in genome sequencing developed in CSHL Professor Gregory Hannon's lab that aided in the sequencing and analysis of the full Neandertal genome was cited as the runner-up in *Science*'s 2010 ["Breakthrough of the Year"](#).

CSHL drives efforts to turn LI into the biomedical powerhouse of the Northeast

CSHL President Dr. [Bruce Stillman](#) joined US Senator Charles E. Schumer, Dr. Samuel Stanley, Jr, Dr. Sam Aronson, and philanthropist Dr. Jim Simons in supporting a [major partnership](#) between Stony Brook University, Brookhaven National Lab and CSHL. Their aim is to establish a regional innovation cluster on Long Island that would create new [high-paying jobs](#) to develop advanced technologies in life sciences, biotechnology, and smart energy.

CSHL scientists honored by *Genome Technology* magazine

Three researchers from CSHL are among 24 scientists included in *Genome Technology*'s [fifth annual "Young Investigators" list](#). Assistant Professor [Michael Schatz](#), who is innovating new ways to analyze large-scale genomic data, was named to the list as a "rising star" in the field of systems biology. Also on the list are [Yaniv Erlich](#) and Nicholas Navin, who completed their graduate studies at CSHL last year.

Make A Gift

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Founded in 1890, Cold Spring Harbor Laboratory (CSHL) has shaped contemporary biomedical research and education with programs in cancer, neuroscience, plant biology and quantitative biology. CSHL is ranked number one in the world by Thomson Reuters for impact of its research in molecular biology and genetics. The Laboratory has been home to eight Nobel Prize winners. Today, CSHL's multidisciplinary scientific community is more than 400 scientists strong and its Meetings & Courses program hosts more than 8,000 scientists from around the world each year. The Laboratory's education arm also includes a graduate school and programs for undergraduates as well as middle and high school students and teachers. CSHL is a private, not-for-profit institution on the north shore of Long Island.