



### CSHL in the News



[Study identifies Chromatin Remodeling-related mutations in Schizophrenia](#)  
April 29, 2014



[LI Biotech companies to seek investors at forum](#)  
April 29, 2014



[Autism & Schizophrenia may be caused by the same mutations](#)  
April 28, 2014



[AAAS announces new members](#)  
April 25, 2014



[Stillman wins Herbert Tabor Award](#)  
April 21, 2014

### Upcoming Events

[Team CSHL at Long Island Marathon Weekend](#)  
Saturday-Sunday, May 3-4

[Watson School of Biological Sciences Commencement Convocation](#)  
Sunday, May 4

[C. Wonder - The Gate at Manhasset Shopping Party to benefit CSHL](#)  
Wednesday, May 14

[Saturday DNA!](#)  
Saturday, May 17

[Walking Tour](#)  
Sunday, May 18

[21st Annual Golf Tournament](#)  
Tuesday, June 17

[Public Lecture: BIG DATA - How biological data science can improve our health, foods and energy](#)  
Wednesday, June 18

[2014 DNALC Summer Camps](#)  
Registration now open

### CSHL Annual Report



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### Celebrating DNA Day in Cold Spring Harbor Village

DNA is the basis of all life. More than sixty years ago, Jim Watson and Francis Crick published their landmark paper that first described the elegant double-helix structure of DNA. Fifty years later, scientists around the world combined forces to assemble all 3 billion chemical "letters" of the human genome. These and subsequent breakthroughs are enabling us to understand our distant past, while shaping our future. In honor of these discoveries, the National Human Genome Research Institute, part of the National Institutes of Health, has declared April 25th of each year DNA Day, with celebrations across the country.



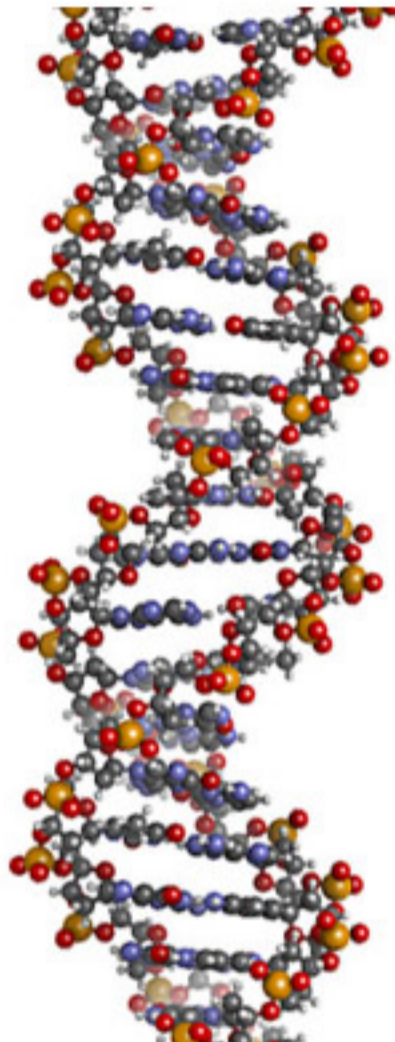
In Cold Spring Harbor, NY, we celebrate with an annual DNA Day Scavenger Hunt. This year, with the help of the Cold Spring Harbor Village Association, children and families from around Long Island were able to discover the rich history of world-famous biomedical research right here in their own backyard. Children searched for clues and participated in hands-on activities at all of the village landmarks including The Whaling Museum, The Firehouse Museum, The Cold Spring Harbor Library and DNA Learning Center.

### Three mental disorders share some of the same gene mutations

Schizophrenia, autism, and intellectual disability are three seemingly distinct mental disorders, each marked by characteristic sets of symptoms. In a new paper, researchers from CSHL and Trinity College Dublin, in Ireland, have found that these disorders may share, at least in part, common genetic causes.

CSHL Professor **W. Richard McCombie** and Professor **Aiden Corvin** from Trinity College led a team that used advanced sequencing technology to analyze the genomes of children with schizophrenia and/or psychosis, and those of their unaffected parents. This approach highlights new, or "de novo," mutations in affected children - mutations that may be responsible for the disease.

The team compared these genes with those identified in other studies of patients with autism and intellectual disability. They discovered five "overlapping" genes that were mutated in all three disorders, three of which have a common role that may be essential in early brain development. [Read more.](#)



### Honors for President Stillman, Director of Research Spector

In recognition of his significant achievements in biological chemistry and molecular biology, CSHL President and CEO **Bruce Stillman** has been honored with the 2014 **Herbert Tabor Research Award**, given by the **American Society for Biochemistry and Molecular Biology**. The award recognizes Dr. Stillman's work on DNA replication, which has revealed how our genetic information is faithfully copied and passed from one generation to the next. [Read more.](#)



Bruce Stillman, Ph.D., F.R.S., President & CEO, Cold Spring Harbor Laboratory



David L. Spector, Ph.D., Director of Research & Professor

Also this month, it was announced that CSHL Director of Research **David Spector** has been elected to the **American**

**Academy of Arts and Sciences**. Dr. Spector shares this honor with some of the world's most accomplished leaders from academia, business, public affairs, the humanities and the arts. He is a pioneer understanding the cell nucleus and how genes are expressed within cells. [Read more.](#)

### Running for Research

**Support Team CSHL** in the 2014 **Long Island Marathon!** For the second year, CSHL has gathered a team of scientists - faculty, postdocs, and graduate students - to raise funds for cutting-edge research at the Lab. Last year, the team raised over \$15,000, running 5K, 10K, and full marathon races. [Learn more](#) and **support Team CSHL** today! (Hurry, the race starts May 3!)



### Ask your candidates!

From funding to policy, Congress directly influences our progress in basic research, and these discoveries set the stage for medical innovation and new technologies. You should know where medical progress figures in your elected official's priorities. CSHL has partnered with Research!America on the 2014 Ask Your Candidates! Initiative - a nonpartisan voter education project to find out where our candidates stand. **Ask your candidates** - your questions matter!

