

DNA  
Learning  
Center



# Summer Workshops

sponsored by  
Cold Spring Harbor Laboratory's  
DNA Learning Center

&  
Portal to Discovery  
at Brookhaven National Laboratory

**BROOKHAVEN**  
NATIONAL LABORATORY



## *Fun with DNA*

July 23-27, 2012

*Fun with DNA* is an entry-level course in DNA science. This camp is designed especially for highly motivated students interested in expanding their knowledge of basic genetics and cell biology. Students are immersed in an environment of hands on activities and laboratory experiments designed to increase genetic literacy, encourage critical and creative thinking, and spark interest in the field of biotechnology.

*Fun with DNA* is for students entering grade 6 or 7. *Fun with DNA* is a prerequisite for *World of Enzymes*.



## *World of Enzymes*

August 6-10, 2012

Developed as a sequel to the popular *Fun with DNA* camp, *World of Enzymes* builds on basic concepts of biochemistry and molecular biology and enables students to utilize advanced techniques to manipulate DNA. Through direct observation and manipulation of enzymes, participants develop an understanding of the importance of proteins, not only in living things, but also in recombinant DNA technology, cloning, and industry. *World of Enzymes* is limited to alumni of *Fun with DNA* entering grade 7, or students entering grade 8.

<b>Location:</b>	Brookhaven National Laboratory William Floyd Parkway (County Road 46) 1 1/2 miles north of Long Island Expressway Exit 68
<b>Times:</b>	9:30 a.m. to 2:30 p.m. Monday-Thursday 9:30 a.m. to 11:30 a.m. Friday, for Parent Participation Day
<b>Registration:</b>	Online registration for <i>Fun with DNA</i> and <i>World of Enzymes</i> is available at the DNA Learning Center Summer Camp website: <a href="http://summercamps.dnalc.org">http://summercamps.dnalc.org</a>
<b>Cost:</b>	\$400 each workshop, payable through PayPal when registering
<b>Contact:</b>	DNALC: 516-367-5170

Register at: [summercamps.dnalc.org](http://summercamps.dnalc.org)