BERKELEY LAB

BERKELEY LAB science at the theater

Lawrence Berkeley National Laboratory's Community Lecture Series At Berkeley Rep

U.S. DEPARTMENT OF ENERGY

free!

MONDAY
FEBRUARY 9, 2009
ALL LECTURES 5:30 – 7:00 PM

Berkeley Repertory Theatre, Roda Theater
2025 Addison Street, Berkeley, California

Presented by Berkeley Lab Friends of Science

Co-sponsored by the University of California at Berkeley, Chabot Space & Science Center, The Exploratorium, Lawrence Hall of Science, Osher Lifelong Learning Institute@Berkeley, and the Science Departments of Albany, Berkeley, and Oakland High Schools

CAROLYN BERTOZZI

MONDAY, FEBRUARY 9 :: 5:30 PM
Berkeley Repertory Theater

Sugars Can Actually be Good for Your Health

Director of Berkeley Lab Molecular Foundry, a DOE Nanoscale Science and Research Center; UC Berkeley Professor of Chemistry and Molecular & Cell Biology

Like peanut M&Ms®, all cells are coated with sugars but the functions of these sugar coatings were a mystery until very recently. This presentation will highlight recent fascinating discoveries regarding why cells are coated with sugars, as well as new tools for cancer detection that take advantage of the cell's sugar coating.

Professor Bertozzi's lab focuses on profiling changes in cell surface glycosylation associated with cancer, inflammation and bacterial infection, and exploiting this information for development of diagnostic and therapeutic approaches. In addition, her group develops nanoscience-based technologies for probing cell function and for medical diagnostics.

Join Dr. Bertozzi to learn how your body's sugars can actually be used to help prevent a serious cancer.

Join a special community of involved citizens, educators, and students who care about our world, and how science can enhance or preserve it. Go to:

http://www.lbl.gov/friendsofscience/join.html