



2004 IOTA SIGMA PI AGNES FAY MORGAN RESEARCH AWARD

Professor Carolyn Bertozzi, University of California, Berkeley

Professor Carolyn Bertozzi, Professor of Chemistry and Molecular Biology at Berkeley, is the **2004 recipient of the Iota Sigma Pi Agnes Fay Morgan Research Award**. This annual award is given for research achievement in chemistry or biochemistry. The nominee must be a woman chemist or biochemist, not over forty years of age at the time of her nomination.

Dr. Carolyn Bertozzi is a native of Boston, MA and attended Harvard University as an undergraduate where she earned her A.B. in Chemistry in 1988. She moved to Berkeley, CA to pursue a Ph.D. in Chemistry working with Professor Mark Bednarski on the synthesis and biological activity of C-glycosides. After graduating in 1993, she pursued postdoctoral research at UCSF with Professor Steven Rosen, studying the activity of endothelial oligosaccharides in promoting leukocyte adhesion at sites of inflammation.

Dr. Bertozzi returned to Berkeley as a member of the faculty in 1996, where she is now Professor of Chemistry and Molecular Biology and a member of the Howard Hughes Medical Institute. Her research 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. Prof. Bertozzi is a member of several Scientific Advisory Boards of biotechnology and pharmaceutical companies, and a co-founder of Thios Pharmaceuticals. She also serves on the editorial advisory boards of numerous journals, including *Chemistry & Biology*, *J. Med. Chem.*, *J. Org. Chem.*, *Acc. Chem. Res.* and *J. Am. Chem. Soc.*

Dr. Bertozzi's awards include the Irving Sigal Young Investigator Award of the Protein Society, the ACS Award in Pure Chemistry, Merck Academic Development Program Award, Glaxo Wellcome Scholars' Award, Presidential Early Career Award in Science and Engineering, MacArthur Foundation Fellowship, Camille Dreyfus Teacher-Scholar Award, Arthur C. Cope Scholar Award, Horace S. Isbell Award in Carbohydrate Chemistry, Alfred P. Sloan Research Fellowship, Donald Sterling Noyce Prize for Excellence in Undergraduate Teaching and the UC Berkeley Distinguished Teaching Award. She is also an elected member of the American Academy of Arts and Sciences.