

## **Alanna Schepartz**

### Biography

Alanna Schepartz, Ph.D. is the Milton Harris '29 Ph.D. Professor of Chemistry and Professor of Molecular, Cellular, and Developmental Biology at Yale University.

Professor Schepartz was born on January 9, 1962 in New York City and graduated from Forest Hills High School in 1978. She is married to Thomas E. Shrader and they have two children. After receiving a B.S degree in Chemistry from the State University of New York-Albany in 1982, Alanna carried out graduate work at Columbia University under the supervision of Professor Ronald Breslow. Following postdoctoral work with Professor Peter Dervan at the California Institute of Technology, she joined the faculty at Yale University in July of 1988. She was promoted to Associate Professor in 1992, to Full Professor with tenure in 1995, and was named the Milton Harris, '29 Ph.D. Professor of Chemistry in 2000. From 2002-2007, she held a Howard Hughes Medical Institute Professorship.

Professor Schepartz is known for the creative application of chemical principles to understand and control biological recognition and function. Her research has contributed to three different areas of chemical biology: protein-DNA recognition and transcriptional activation; the development of miniature proteins that bind specifically and with high affinity to protein and DNA; and the development of  $\beta$ -peptides as protein ligands and as building blocks of protein-like architectures. She has received a number of awards for this work, including a David and Lucile Packard Foundation Fellowship (1990), a N.S.F. Presidential Young Investigator Award (1991), a Camille and Henry Dreyfus Teacher-Scholar Award (1993), an Alfred P. Sloan Research Fellowship (1994), an A.C.S. Arthur C. Cope Scholar Award (1995), the A.C.S. Eli Lilly Award in Biological Chemistry (1997), the Dylan Hixon '88 Award for Teaching Excellence in the Natural Sciences (1999), the Agnes Fay Morgan Research Award (2002), the Frank H. Westheimer Prize Medal (2008), the ACS Chemical Biology Prize & Prize Lecture (2010), for which she was the inaugural recipient, and the Alexander M. Cruickshank Prize (2010). In 2005, she was named an Associate Editor of the *Journal of the American Chemical Society*. In 2010, she was named a Fellow of the American Academy of Arts & Sciences.