



2011 IOTA SIGMA PI AGNES FAY MORGAN RESEARCH AWARD
Dr. Lauren J. Webb, The University of Texas -- Austin

Dr. Lauren J. Webb is the **2011 recipient of the Agnes Fay Morgan 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. Webb grew up in Salem, OR, and received her A.B in Chemistry (Music minor) from Bowdoin College in 2000. She entered graduate school at the California Institute of Technology as an NSF Graduate Research Fellow and earned her Ph.D. in Chemistry in 2005. She did her graduate work in the laboratory of Prof. Nathan Lewis, where she studied chemical and electronic properties of functionalized atomically flat silicon(111) surfaces. From 2005 – 2008 she was an NIH Postdoctoral Research Fellow in the Chemistry Department at Stanford University, working in the laboratory of Prof. Steven Boxer. Her research focused on quantifying electrostatic fields in proteins using vibrational Stark effect spectroscopy. As a postdoc she received the Burroughs Wellcome Fund's Career Award at the Scientific Interface. Dr. Webb joined the Department of Chemistry and Biochemistry at The University of Texas at Austin in the fall of 2008. Her research interests are centered around understanding and manipulating the mechanisms of interaction, organization, and self-assembly of biological macromolecules that lead to the complex and emergent properties of living systems.