2000 IOTA SIGMA PI AGNES FAY MORGAN RESEARCH AWARD

Professor Kim Baldridge, University of California, San Diego

Professor Kim Baldridge is the **2000 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. Baldridge currently works as a principal scientist at the San Diego Supercomputer Center at the University of California at San Diego. She has worked as a scientist in this lab since 1989. Dr. Baldridge's current research covers a wide area of computational chemistry and includes pursuits in (1) direct application of quantum chemical software, (2) development of new quantum chemical algorithms, (3) development of visualization software for computational chemistry, (4) development of instructional codes for chemical curricula, and (5) advancements of computational applications to new hardware.

Dr. Baldridge has over 60 publications and has given over 60 presentations or workshops. Her collaborations have included Andreas

Klamt (Bayer Research, Germany), Hans Peter Lüthi (Computational Center, ETH-Zurich), Dave Gange (Head of Computational Research, American Home Products), Adam Kallel (Lead Computational Chemist, Chugai), Jerry Boatz and Mark Gordon (joint Air Force / University of Iowa project). She was a NSF / Visiting Professorship at UCSD, honorary guest professor at the University of Basel, SW. Dr. Baldridge was also awarded a Fulbright Award.