LECTURERS:

Dr. Bernhard Rupp has held post doctoral and research scientist positions in the USA, Austria, Germany, Switzerland and Israel, where he has acquired a broad background in instrumentation, crystallography, and structural chemistry and biology. In 1992 he founded the Protein Crystallography and Structural Genomics Group of the Lawrence Livermore National Laboratory, University of California, and became a founding member of one of the first NIH-PSI Protein Structure Initiatives. Following his tenure at the University of California, he established in 2006 a private venture dedicated to development of high throughput drug target crystallography technologies.

Dr. Rupp is an experienced instructor, well known for his dynamic workshops, crystallization courses, and interactive web tutorials (http:/www.ruppweb.org/). He has distilled his broad experience in drug target crystallography, technology development, structure guided drug design, and structural bioinformatics in his seminal textbook Biomolecular Crystallography: Principles, Practice, and Application to Structural Biology.

Dr. Katherine Kantardjieff is Professor and Chair of Chemistry and Biochemistry at California State Polytechnic University Pomona, where she is also Director of the W.M. Keck Center for Molecular Structure and Director for Computing at the Center for Macromolecular Modeling and Materials Design. Dr. Kantardjieff has extensive experience in virtual ligand screening and computational bioochemistry on distributed high performance computing systems, and has pioneered cyber learning technologies and remote instrument access. She will share in the last workshop section her experience with modern *in silico* ligand docking techniques.

Dr. Kantardjieff and Dr. Rupp are Members of the US National Committee for Crystallography, National Academy of Sciences Board of International Scientific Organizations.