HWI Research Scientist Joseph Luft Presents at Australian Educational Program

Joseph Luft, Research Scientist at the Hauptman-Woodward Medical Research Institute, lectured at the second annual “Australian Course in Macromolecular Crystallization,” held at Melbourne University in Parkville, Victoria Australia from December 7-11, 2009.

Nine scientists from the U.S. and Australia participated in this educational experience for 22 students from Australia and the surrounding regions. The aim of this course was to provide thorough coverage of the practice and theory of protein crystallization through lectures and hands-on training to 22 graduate-level students.

The course was organized by Dr. Janet Newman, Centre Manager for the Molecular & Health Technologies Bio21 Collaborative Crystallisation Centre. Students attended morning lectures, followed by afternoon laboratory exercises that covered aspects of macromolecular crystallization ranging from the set up of crystallization experiments and review of their outcomes, to cryopreservation and X-ray diffraction of the crystals at the Australian Synchrotron.

Luft actively participates in student education through HWI student intern programs, the Structural Biology Department at the University of Buffalo and lecturing at international schools including most recently the 10th Practical Protein Crystallization Course (Uppsala University, Sweden) and the 9th International School in the Crystallography of Biological Macromolecules (Lake Como, Italy).

ABOUT HWI
With more than 50 years of exceptional scientific research, the Hauptman-Woodward Institute is an internationally-renowned independent, non-profit facility specializing in life-altering research. HWI’s team of more than 75 members is committed to improving human health through the study of the causes of diseases, as well as potential therapies, at their fundamental molecular level. HWI is located in the heart of the Buffalo Niagara Medical Campus in downtown Buffalo, New York, in a new state-of-the-art structural biology research center at 700 Ellicott Street. For more information, visit HWI’s website at www.hwi.buffalo.edu or call 716-898-8600.