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**************PHOTO OPPORTUNITY***************

The Dedication of Unique Glass Art in Buffalo’s Most Beautiful Building

Please join us as we dedicate the 10’ x 32’ work of art glass—which adorns the front of the Hauptman-Woodward building—to the Bruce Baird family who made the donation through the Cameron Baird Foundation. The piece is the work of Denise Stillwaggon Leone, a renowned glass artist from Hamilton, New York who will attend the dedication.

WHEN: Thursday, December 28, 2006 at 11 a.m.
WHERE: Hauptman-Woodward Medical Research Institute
700 Ellicott Street, Buffalo, NY 14203
WHY: A unique photo opportunity of the artist and donors with the art that resulted from their generous contribution.
WHAT: The dedication of a unique piece of art glass that is an artistic representation of the concepts which support the work of the scientists at HWI. Representatives from the Baird Family and other donors will be on hand for the dedication.

The art glass incorporates a small sampling of some different elements which are related to the science of crystallography and the work done by the scientists at Hauptman-Woodward.

The three large circular patterns are a Laue diffraction pattern of lysozyme. Each spot in the pattern represents diffraction from a plane of atoms in the crystal.

The pattern of molecules running in a wave through the bottom of the piece is the packing pattern of a steroid studied in Dr. William Duax’s laboratory at HWI depicting how the molecules arrange themselves in the crystal lattice. Dr. Duax has had a 35-year long study of steroid hormones, their analogues and the enzymes with which they interact.

The mathematical formula which runs across the length of the art glass is Dr. Herbert A. Hauptman’s minimum function formula which he and his group used to develop a suite of computer programs to help solve large crystal structures.

The small structure in the lower right hand corner as you look from the inside is the structure of insulin which was solved here by Dr. David G. Smith. This discovery explained the different speeds at which insulin crystals dissolve, an important factor in how insulin in injections for diabetics enters the bloodstream.

About HWI
Celebrating 50 years of exceptional scientific research, HWI is an independent, non-profit facility specializing in the area of fundamental biomedical research known as structural biology. Our team of more than 70 staff members is committed to improving human health by studying the causes of diseases, as well as potential therapies, at their basic molecular level. We are 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.

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