Zbigniew Dauter, Ph.D., is scheduled to lecture at the Hauptman-Woodward Institute on Thursday, April 14, 2011. His lecture will be entitled, “Billiards played by a crystallographer: The fascinating world of packed spheres”. The lecture will begin at 4 p.m. at 700 Ellicott Street immediately followed by a reception.

Dauter is the Chief of the Synchrotron Radiation Research Section of the Macromolecular Crystallography Laboratory at National Cancer Institute, which is currently located at the Argonne National Laboratory.

At the Synchrotron Radiation Research Section, Dauter’s research focuses on utilizing the unique properties of the X-ray radiation generated at synchrotron storage rings - in particular for the Southeast Regional Collaborative Access Team (SERCAT) beamlines of the Advanced Photon Source (APS). Dauter is responsible for many innovations in the utilization of anomalous scatterers to phase crystallographic data. In addition to conducting research investigations, the Section personnel provide technological and scientific support for NIH researchers collecting diffraction data at APS.

He received his Ph.D. in Crystallography from the Technical University of Gdansk under the direction of Professor Z. Kosturkiewicz.

ABOUT THE NATIONAL CANCER INSTITUTE

The National Cancer Institute (NCI) is part of the National Institutes of Health (NIH), which is one of 11 agencies that compose the Department of Health and Human Services (HHS). The NCI, established under the National Cancer Institute Act of 1937, is the Federal Government’s principal agency for cancer research and training. The National Cancer Act of 1971 broadened the scope and responsibilities of the NCI and created the National Cancer Program. Over the years, legislative amendments have maintained the NCI authorities and responsibilities and added new information dissemination mandates as well as a requirement to assess the incorporation of state-of-the-art cancer treatments into clinical practice.

ABOUT HWI

2011 marks the 25th anniversary of the Nobel Prize in Chemistry which was granted to Buffalo’s only Nobel Laureate and HWI namesake Dr. Herbert A. Hauptman. The anniversary will be celebrated throughout the calendar year with special events and publications. 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. Our 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.

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