Eleanor Cook Joins HWI as Research Associate

Eleanor Cook has joined the Hauptman-Woodward Medical Research Institute (HWI) as a research associate. She will be working in the high-throughput screening laboratory under the supervision of HWI CEO Dr. George DeTitta and Joseph Luft.

Cook will help maintain the operation of a high-throughput crystallization laboratory. This laboratory is used to set up experiments designed to identify crystallization conditions for biological macromolecules. Cook’s responsibilities will include sample receipt and tracking (through a custom-designed database), use and maintenance of robotic liquid-handling and imaging systems (to set up and record the outcomes of the experiments), and analysis of the experiments’ outcomes (to identify the specific chemical conditions that produce crystals).

Prior to joining HWI, Cook worked as a screening and profiling intern at GlaxoSmithKline in Durham, North Carolina where she observed the interactions of protein kinases with the Estrogen Receptor. Cook also worked as a researcher at St. Andrews Presbyterian College in Laurinburg, North Carolina. While working as a researcher, Cook studied the bioremediation of selected polyaromatic hydrocarbons by two strains of soil pseudomonades.

Cook received a dual major bachelor’s degree in biology and chemistry from St. Andrews Presbyterian College.

She resides in Hamburg, New York with her family.

ABOUT HWI

With more than 50 years of exceptional scientific research, HWI is an internationally-renowned independent, non-profit facility specializing in the area of fundamental biomedical research known as structural biology. HWI’s team of more than 75 staff members is committed to improving human health by studying the causes of diseases, as well as potential therapies, at their basic 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.