



PRESS RELEASE

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**Peter J. Horn Joins the Hauptman-Woodward Medical Research
Institute as Research Scientist**

Peter J. Horn, Ph.D., has joined the Hauptman-Woodward Medical Research Institute (HWI) as a research scientist. His current work is centered on chromosome structure and explaining the molecular-level details of events that trigger formation of the centromere; a critical chromosome feature that is important during mitosis (i.e. the division of the cell nucleus). He uses yeast as a model for this, as it has a similar mechanism to that found in humans, but is easily used in a wide array of experimental approaches not available in other model organisms. This is a very important area of research that could have implications for understanding how cancer cells function, how damaged DNA is repaired, and how DNA replication is coordinated by a healthy cell.

Prior to joining HWI, Horn worked as a postdoctoral fellow in the laboratory of Dr. Craig L. Peterson at the University of Massachusetts Medical School in Worcester, Massachusetts.

Horn received his Ph.D. in Biochemistry from Michigan State University. He also received his master's and bachelor's degrees in Biochemistry from Case Western Reserve University.

He currently resides in East Aurora, New York with his wife, Ellen, and son, Zach.

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.