Paul Seidler has joined the Hauptman-Woodward Medical Research Institute (HWI) as a graduate research assistant.

Seidler will be working in the laboratory of Dr. Daniel T. Gewirth. His research focus will be the GRP94 protein, a ligand-regulated chaperone from the Hsp90 family. He is working on characterizing how GRP94 interacts with both co-chaperones and client proteins. These studies may lead to the development of new drugs that can stimulate or inhibit the activity of the chaperone. Because Hsp90 family members are such critical players in cellular regulation, such drugs may be useful in treating a wide range of diseases including cancer, sepsis, cystic fibrosis, and many more.

Before joining HWI, Seidler worked as a research assistant and a graduate teaching assistant at Buffalo State College’s Department of Chemistry. He also worked as a research technician and a summer undergraduate research assistant.

Seidler received his bachelor’s degree in Forensic Chemistry from Buffalo State College.

He currently resides in Buffalo, New York.

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. 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 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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