

Gina Blackwell is a Clinical Research Coordinator at VCU's Parkinson's Disease and Movement Disorders Center (PMDC). Her research focuses on with people who have Parkinson's disease. Prior to joining the PMDC, she worked for ten years in a laboratory doing bench research.

Gina has a Bachelor's Degree in Forensic Science with a concentration in Chemistry from Virginia Commonwealth University and a Master's Degree in Public Health from the University of Southern California. She is also a certified EMT.

#### Select Publications

Sun, M., Watson, A., Blackwell, G., Jung, W., Helm, N., Kolterman, K., Zhou, G., Cloud, L., Pretzer-Abhoff, I. (2020) TremorSense: Tremor Detection for Parkinson's Disease Using Convolutional Neural Network. *Proc. ACM Meas. Anal. Comput. Systems*, Vol 37, No 4, Article 111.

Mathies, L. D., Lindsay, J. H., Handal, A. P., Blackwell, G. G., Davies, A. G., & Bettinger, J. C. (2020). SWI/SNF complexes act through CBP-1 histone acetyltransferase to regulate acute functional tolerance to alcohol. *BMC genomics*, 21(1), 1-15.

Adkins, A. E., Hack, L. M., Bigdeli, T. B., Williamson, V. S., McMichael, G. O., Mamdani, M., Edwards, A., Aliev, F., Chan, R., Bhandari, P., Raabe, R., Alaimo, J., Blackwell, G., Moscati, A., Poland, R., Rood, B., Patterson, D., Walsh, D., Whitfield, J., & Riley, B. (2017). Genomewide association study of alcohol dependence identifies risk loci altering ethanol-response behaviors in model organisms. *Alcoholism: Clinical and Experimental Research*, 41(5), 911-928.

Mathies, L. D., Blackwell, G. G., Austin, M. K., Edwards, A. C., Riley, B. P., Davies, A. G., & Bettinger, J. C. (2015). SWI/SNF chromatin remodeling regulates alcohol response behaviors in *Caenorhabditis elegans* and is associated with alcohol dependence in humans. *Proceedings of the National Academy of Sciences*, 112(10), 3032-3037.