

FAWN HORNSBY, *Statistician***EDUCATION**

B.S. North Carolina State University, Raleigh, North Carolina 2008 *Statistics & Applied Mathematics, minor: Biological Sciences*

PROFESSIONAL EXPERIENCE

2009-Present *Statistician*, Western EcoSystems Technology, Inc., Laramie, Wyoming
 2008 *DHS Summer Scholar*, Pacific Northwest National Laboratory, Richland, Washington
 2008 *Independent Study*, North Carolina Department of Environmental and Natural Resources & North Carolina State University, Raleigh, North Carolina
 2007 *DHS Summer Scholar*, Los Alamos National Laboratory, Las Alamos, New Mexico
 2005-2007 *Independent Study*, New Jersey Department of Environmental Protection & North Carolina State University, Raleigh, North Carolina
 2006-2007 *Independent Study*, Department of Statistics, North Carolina State University, Raleigh, North Carolina
 2006 *Summer Intern*, NSF VIGRE Program at North Carolina State University, Raleigh, North Carolina

SELECTED PRESENTATIONS/PUBLICATIONS

Fawn Hornsby and Wilma Jackson "An Analysis of Continuous Mercury Air Pollution Data." *Undergraduate Research Journal of NC State University*. (Volume II, Issue 1, pp 29-43). NC State Office of Undergraduate Research.
Fawn Hornsby and Elizabeth Christoph, "Toxic Overload: Modeling Ambient Mercury Air Pollution at a Trillionth of a Gram." Fifteenth Annual NC State Undergraduate Research Symposium, McKimmon Center, Raleigh, NC, "April 18, 2007.
Fawn Hornsby, "How Missing Census Tract Information May Be Associated With Early and Late Stage Breast Cancer in Addition to Other Demographic Factors." Fifteenth Annual NC State Undergraduate Research Symposium, McKimmon Center, Raleigh, NC, April 18, 2007.
Fawn Hornsby, "An Assessment of the QUIC Dispersion Modeling System for Oblique Angle Inflow Around Isolated Buildings." Los Alamos National Laboratory Symposium, Los Alamos, NM, August 2, 2007.
Fawn Hornsby, "Impact of Wetlands on Water Quality." Sixteenth Annual NC State Undergraduate Research Spring Symposium, McKimmon Center, Raleigh, NC, April 17, 2007.
 Nelson, M., B. Addepalli, **F. Hornsby**, A. Gowardhan, E. Pardyjak, and M. Brown, "Improvements to fast-response urban wind model." 15th AMS/AWMA Met. Aspects Air Poll., New Orleans, LA.

SCIENTIFIC ORGANIZATION MEMBERSHIPS

American Statistical Association