

Donald A. Whitaker, Research Physical Scientist, in EPA's National Exposure Research Laboratory

Exposure Methods and Measurements Division

[Mailing Address](#)

Whitaker.donald@epa.gov

Area of Expertise: Donald Whitaker's areas of expertise include sampling and analysis of volatile organic compounds (VOCs) and field monitoring.

Select Publications:

S. Mukerjee, L.A. Smith, E.D. Thoma, K.D. Oliver, D.A. Whitaker, T. WU, M. Colon, L. Alston, T. Cousett and C. Stallings. Spatial Analysis of Volatile Organic Compounds in South Philadelphia Using Passive Samplers. JA&WMA, Published online Feb. 1, 2016.

A.P. Eisele, S. Mukerjee, L.A. Smith, E.D. Thoma, D.A. Whitaker, K.D. Oliver, T. WU, M. Colon, L. Alston, T. Cousett, M.C. Miller, D.M. Smith, and C. Stallings. Volatile Organic Compounds at Two Oil and Natural Gas Production Well Pads in Colorado and Texas Using Passive Samplers. JA&WMA, Published online Jan. 15, 2016.

S. Kimbrough, R. Baldauf, G. Hagler, R. Shores, W. Mitchell, D. Whitaker, C. Croghan, and D. Vallero. Long-term Continuous Measurement of Near-road Air Pollution in Las Vegas: Seasonal Variability in Traffic Emission Impact on Local Air Quality. Air Qual Atmos Health, 6:295-305, 2013.

BJ George, BD Schultz, T Palma, AF Vette, DA Whitaker, RW Williams. An Evaluation of EPA's National-Scale Air Toxics Assessment (NATA): Comparison with benzene in Detroit, Michigan. Atmospheric Environment 45, 3301-3308, 2011

BJ George, DA Whitaker, RC Gilliam, JL Swall, and RW Williams. Relationship between PM2.5 Collected at Residential Outdoor Locations and a Central Site, J. Air & Waste Manage. Assoc., 60: 1094-1104, 2010.

John J. Bang, Yolanda B. Anderson, Sandra F. DeLauder, Rakesh Malhotra, Peter Egeghy, Donald Williams, Donald Whitaker, and Candice Morrison, Ambient Concentration Levels of VOCs and Aldehydes in Moncure, North Carolina: and Environmental Justice Case Study, Environmental Justice, 2010.

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Education:

- B.S., Chemistry, North Carolina State University, 1979

Professional Experience:

- Research Physical Scientist, USEPA, ORD, NERL-HEASD-EMAB, RTP, NC 2013-present
- Supervisory Physical Scientist, USEPA, ORD, NERL-HEASD-EMAB, RTP, NC 2010-2013
- Research Physical Scientist, USEPA, ORD, NERL-HEASD-EMAB, RTP, NC 2000-2010
- Research Analytical Chemist, Research Triangle Institute, Analytical and Chemical Sciences, RTP, NC 1979-2000
- Chemist, Webb Foodlab, Inc., Raleigh, NC 1979-1979