

# Alan Vette, Acting National Program Director of EPA's Air and Energy Research Program

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## Area of Expertise:

My research aims to determine the impact of air pollutants and their sources on inhalation exposures at the personal, residential and community scales for analyses of human health effects. I was previously a Principal Investigator in EPA's World Trade Center study, which investigated the composition, transport and health effects of dust and other air pollution resulting from the aftermath of the September 11 attacks.

My current research collaborations focus on next generation air monitoring devices and understanding and managing public health risks associated with wildland fires.

## Select Publications:

Clark, M.L.; J.L. Peel; K. Balakrishnan; P. Breyse; S. Chillrud; L.P. Naeher; C.E. Rodes; A.F. Vette; and J.M. Balbus. 2013. [Household air pollution related to solid fuel use and health: the need for improved exposure assessment](#). Environmental Health Perspectives **121**(101): 1120-28.

Vette, A., J. Burke, G. Norris, M. Landis, S. Batterman, M. Breen, V. Isakov, T. Lewis, I.M. Gilmour, A. Kamal, D. Hammond, R. Vedantham, S. Bereznicki, N. Tian, C. Croghan. 2013. [The near-road exposures and effects of urban air pollutants study \(NEXUS\): Study design and methods](#). Science of the Total Environment **448**: 38-47.

Henry, R.C.; Vette, A.; Norris, G.; Vedantham, R.; Kimbrough, S.; Shores, R.C. 2011. [Separating the air quality impact of a major highway and nearby sources by nonparametric trajectory analysis](#). Environmental Science and Technology **45**(24): 10471-10476.

[View more research publications by Alan Vette in EPA's Science Inventory.](#)

## Education:

- B.A., West Virginia University, Morgantown, WV; Chemistry, 1991
- M.S., University of Michigan, Ann Arbor, MI; Environmental Health Sciences, 1995
- Ph.D., University of Michigan, Ann Arbor, MI; Environmental Health Sciences, 1998

## Professional Experience:

- Science and Technology Achievement Award, Level III 2006; Honorable Mention, 2007, 2009, 2012, and 2015
- U.S. EPA Silver Medal for Superior Service, 2006
- U.S. EPA Bronze Medal for Commendable Service, 2003, 2005, 2011, and 2016
- U.S. EPA Office of Research and Development Teamwork Award, 2012
- U.S. EPA National Exposure Research Laboratory Teamwork Award, 2007
- U.S. EPA National Exposure Research Laboratory Special Achievement Award, 2011