

Jeffrey O. Young, Research Physical Scientist, in EPA's National Exposure Research Laboratory

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Area of Expertise:

Select Publications:

Nolte, Chris, W. Appel, J. Kelly, P. Bhave, K. Fahey, J. Collett, Jr., L. Zhang, AND Jeff Young. Evaluation of the Community Multiscale Air Quality (CMAQ) modeling system against size-resolved measurements of inorganic particle composition across sites in North America. Geoscientific Model Development. Copernicus Publications, Katlenburg-Lindau, Germany, 8(9):2877-2892, (2015).

Appel, W., C. Nolte, J. Kelly, K. Fahey, Jeff Young, AND P. Bhave. Evaluation of the Community Multiscale Air Quality (CMAQ) modeling system against size-resolved measurements of particle composition across rural North America sites. CMAS, Chapel Hill, NC, October 27 - 29, 2014.

Sarwar, G., J. Godowitch, K. Fahey, J. Xing, David-C Wong, Jeff Young, S. Roselle, AND R. Mathur. :Examination of Sulfate production by CB05TU, RACM2 & RACM2 with SCI initiated SO₂ oxidation in the Northern Hemisphere". Presented at Presentation at the CMAS Conference, Chapel Hill, NC, October 28 - 30, 2013.

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Education:

- B.S. in Aerospace Engineering, *cum laude*, 1961, Pennsylvania State University
- M.S. in Aerospace Engineering, 1965, Pennsylvania State University
- Ph.D. in Fluid Mechanics, 1970, Brown University

Professional Experience:

- Research Physical Scientist, USEPA/ORD/NERL/AMAD/AMDB, Research Triangle Park, NC, 2008–present
- Mathematician, NOAA Atmospheric Sciences Modeling Division (in partnership with USEPA/NERL), Research Triangle Park, NC, 1991–2008
- Technical Project Leader, Computer Sciences Corporation, Research Triangle Park, NC, 1986–1991

- Scientific Applications Analyst, Computer Data Systems, Inc., Research Triangle Park, NC, 1983–1986
- Assistant Professor of Mathematics (Visiting), University of North Carolina, Chapel Hill, NC, 1983–1984
- Assistant Professor of Aerospace Engineering, Ohio State University, Columbus, OH, 1969–1973
- National Science Foundation Trainee, Brown University, Providence, RI, 1966–1969
- Research Assistant, Pennsylvania State University, University Park, PA, 1961–1966