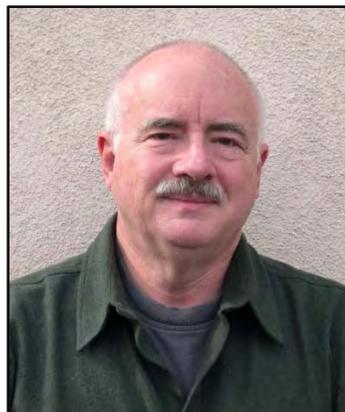




# ACS INTERNATIONAL AWARD FOR RESEARCH IN AGROCHEMICALS

Presented by the AGRO Division of ACS

Co-Sponsored by BASF Corporation & DuPont Crop Protection



**Dr. ROBERT DONALD WAUCHOPE**

Don Wauchope has had a 35-year research career with the USDA Agricultural Research Service (ARS) using basic chemical principles to clarify the behavior of

pesticides in the environment. Following graduate study in inorganic and physical chemistry, and a postdoctoral fellowship in agricultural chemistry under Virgil Freed at Oregon State University, Don joined the ARS Southern Weed Science Laboratory at Stoneville, Mississippi in 1972 under weed scientist Chester McWhorter, later moving to the Nematology/Weed Science group at Tifton, Georgia under Bill Johnson and then the Southeast Watershed Research Laboratory at Tifton under Tim Strickland.

Initially, Don focused on arsenical pesticides and used these compounds in innovative ways as environmental tracers. This work broadened into the study of the environmental fate of a wide range of pesticides, where Don contributed significant research on the behavior of pesticides in soils, pesticide application efficiency and efficacy, and nonpoint pollution of water by agricultural pesticides. Don is the foremost

authority in the world on pesticide runoff. His 1978 review of pesticide runoff from agricultural fields is heavily cited and set the research agenda for this area. His pesticide properties database for environmental pollution prediction is in use worldwide by water-quality agencies, researchers, modelers, consultants, and industry.

Don has authored 205 papers and abstracts. He contributed to CREAMS, ARS' most famous environmental simulation model, and developed the pesticide processes modules of the ARS RZWQM and REMM models. He has been a global spokesman for the use of modeling in pesticide risk assessments. Don has been a team leader on USDA and interagency taskforces and other national projects and on international interdisciplinary research projects for the International Union of Pure and Applied Chemistry. He has served on many scientific society committees, organizing symposia and technical programs, and publishing reports on the state of technology and its interface with policy and regulatory programs. He is a Fellow of the Weed Science Society of America and Past President and Fellow of the Agrochemicals Division. Don retired in 2006 and is now consulting with the USDA Foreign Agricultural Service and the Borlaug Institute of Texas A&M University on certification of official food pesticide residue analytical laboratories in developing nations in support of agricultural trade.

*A two and half day symposium entitled*

## **Don Wauchope and Friends: Reflections on the Future of Pesticide Environmental Chemistry**

*will be held in Don's honor beginning Monday, August 17, at 8:15 am in the  
Renaissance Washington Auditorium*

The AGRO Division is grateful for the sustained support of the International Award sponsors



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