

## Michele Whitecraft



Michele Whitecraft is a dynamic teacher, lecturer and researcher. She takes a holistic interdisciplinary approach to education and is actively involved in advancing women in science. She has been the recipient of the Presidential Award for Excellence in Secondary Science Education, the Tandy Scholar Teacher Award, and the Governor's Award for Excellence in Education, among others. From her unique research and consulting experiences with the Department of Energy, National Science Foundation, National Institutes for Environmental Health Science, National Institutes of Health, and National Aeronautics Space Association, Michele has designed science curricula with real world experiments ranging from her work on the International Experimental Thermonuclear Reactor at Princeton to the artificial transmutation of the transuranium elements at UC Berkeley. Michele's experiences with these national organizations and research projects have inspired her desire to help advance women in all scientific endeavors in an effort to realize NSF's goal of 50-50 by 2020. Michele has been a member of the American Chemical Society, American Association for the Advancement of Science, Society of Women Engineers, American Association of University Women, Association for Supervision and Curriculum Development, and National Association of Research in Science Teaching. With more than 30 years' experience in teaching high school and college chemistry, Michele has authored several monographs and book chapters to enhance science education nationwide and presented at several national conferences. She has publications in BioScience, Journal of Nuclear Materials, Human Ecology, The International Journal of Agriculture and The Encyclopedia of Applied

Ethics. Michele earned her master's degree from Bloomsburg University and her doctorate from Cornell. She is currently a professor at Mansfield University.