

Dave Smith

Education

- 1987 M.Ed. Curriculum and Instruction, University of North Carolina, Chapel Hill
Summer 1985 Klingenstein Fellow, Columbia University, New York, NY
1969 BA English Literature, Duke University, Durham, NC

Teaching Experience

- 1999-present Trainer for Center for Inquiry-Based Learning, Teachers and Scientists Collaborating
1987-88 Course Developer/TA, Undergraduate Instructional Media Course, School of Education, UNC-Chapel Hill.
1980-86 Music/Math/Science Teacher, Carolina Friends School Middle and Upper Schools, Durham, NC. Taught student-centered, discovery-oriented math, science, and music grades 5-10

Innovative Educational Activities

- 1999-present Program and Course Developer for Center for Inquiry-Based Learning, Teachers and Scientists Collaborating program
1999-present Developing course for trainers and child care providers NC Division of Child Development on design/use of infant/toddler outdoor learning environments.
2001-present Writing an agriscience lab manual for vocational agriculture students
1999-present with the Center for Inquiry-Based learning, designing and managing a program to train teachers, grades k-8, in the use of inquiry for science teaching.
1989-1999 Designed educational programs and workshops for science teachers:
- the NC Biotechnology Center's Education Projects Manager and architect of the Center's Education program
 - the Environmental Protection Agency's Investigating Your Local Environment series for high school teachers
 - a statewide Waste Management Education Project for schools, funded by the Z. Smith Reynolds Foundation

Recent Publications & Presentations

- 2000 *Biotechnology for Plants, Animals, and the Environment*, National Council for Agricultural Education, Alexandria, VA
1999 *NatureWorks*, New Hampshire Public television's Emmy-nominated series
1999 Teacher's guides in print, web, and CD-ROM formats for eight BBC TV series: *Classic Animal Tracks*, *In from the Wild*, *First Steps*, *Animal Odyssey*, *Natural Trax*, *WildVision*, *Living Colour*, *Zoom*, and *A Wild Romance*.
1998 *Grand Canyon Hiking*, the National Park Service's video safety guide for back country hikers in the Grand Canyon.
1997 *Exploring the Diversity of Life*, 10-part video series with teacher's guides comparing biodiversity in tropical rain forests and in temperate forests. The series won the Cine Golden Eagle award.
1997 *Using the Outdoors to Teach Experiential Science: UTOTES*, The North Carolina State Museum of Natural Sciences, Raleigh, NC
1997 *Journey Through the Peninsula*, the North Carolina Estuarium's introductory video to the Albemarle and Pamlico sounds.
1995 *Biotechnology, an Introduction*, a chapter in *Biology: ExploringLife*, 2nd Edition, Wiley & Sons, New York, NY