

**Catherine Palumbo McGuinn**  
catherine@kidgardens.com

---

### **Education Received**

**MS Degree**, Horticulture, May 1999

Virginia Tech, Department of Horticulture, Blacksburg, Virginia

**Thesis: Vocational Horticulture for Juvenile Offenders**

Publication: **HortTechnology** · July-September 2001 11(3)

A Profile of Juvenile Offenders in a Vocational Horticulture Curriculum

Catherine McGuinn and Paula Diane Relf

**Teaching Credential**, Physical Education, December 1996

University of California at Davis, Exercise Science Department, Davis, California

Student Teaching: Adaptive Physical Education, Yolo County

**BS Degree**, Conservation, December 1992

North Carolina State University, College of Forest Resources, Raleigh, North Carolina

Transferred, Education and Biology, June 1990

Salem College, Biology Department, Winston-Salem, North Carolina

---

### **Work Experience**

*Teacher and Alternative and Horticultural Therapist* at Lakeview Alternative School for Chronically Disruptive Youth and Juvenile Offenders, July 1998- August 2002

Durham Public Schools, Durham, North Carolina

North Carolina Teaching License, 1999: Horticulture, Agricultural Education

- Teach Horticulture, Occupational Horticulture, Occupational Preparatory Class, Conduct Occupational Preparatory work hours
- Establish Occupational Course of Study program at Lakeview School
- Work therapeutically with Behaviorally and Emotionally Disabled youth in a horticultural setting
- Started student run Landscape Crew and Nursery
- Assisted students with job placement in local Durham businesses

*Associate and Graduate Assistant*, August 1997-June 1998

Office of Consumer Horticulture, Virginia Tech, Blacksburg, Virginia

- Teaching assistant, Home Horticulture Class and Horticultural Therapy class
- Maintained the Plant-People Council library
- Supplied information and answered questions concerning horticulture and related fields via e-mail and phone hot-line

*Alternative Recreation Co-ordinate*, September 1994-March 1996, Davis, California

City of Davis Recreational Department

- Ran a recreational service that met the needs of all disabled youth in the City of Davis that wished to participate in recreational opportunities provided by the City of Davis
- Trained City of Davis employees in adaptive techniques to better serve disabled clientele
- Taught adaptive recreational classes

**Catherine Palumbo McGuinn**  
catherine@kidgardens.com

---

**Work Experience, continued**

*Post-graduate researcher, September 1994-March 1995, Davis, California*

Sacramento Shade Tree Project, Urban Forestry Extension, University of California at Davis, Horticulture Department/USDA Forest Service, Pacific Southwest Research Station, Western Center for Urban Forest Research

Publication: Acknowledged in the latest publications on the Sacramento Urban Forest Ecosystem Study

- Teachers Assistant, Urban Forestry Class/Western Species Identification Class and Plant Materials
- Trained field crews in species identification, aerial photograph interpretation, and analysis of shade tree cover for the City of Sacramento

*Groundwater Technician, December 1992- June 1994*

Department of Environment, Health and Natural Resources, North Carolina State Government

- Organizes and executed all field research associated with the drilling of test wells and sampling North Carolina groundwater for the infiltration of pesticides
- Prepared and presented public relations materials

*Forestry Technician, August 1991-December 1992*

North Carolina State University, Forestry Department

Publication: Acknowledged in US Forest Service's publication *Southeastern Regional Forest Cover Inventory*

- Organizes and executed all field research associated with the *US Forest Service South Eastern Tree Cover Identification Project*
- Prepared and presented public relations materials

*Art and Environmental Education Teacher, January 1990-July 1991, Raleigh, NC*

Wake County YMCA Boys Club

- Ran an after school Arts and Environmental Education Program for elementary and middle school at-risk youth in low income areas
- Prepared and presented public relations materials