

VITA

Rebecca June Cutright was born in Springfield Maryland in March of 1976. At the age of two, her family moved to Culpeper Virginia where they currently reside. With the exception of first grade, she was educated at home by her parents from kindergarten through highschool. Rebecca entered college in 1992 at the age of 16. She will begin a Ph.D. program in the Department of Horticultural Sciences at North Carolina State University this fall. Her new research topic is mapping of late blight and early blight resistance genes in tomato. After completing her graduate education, Rebecca intends to pursue a career in research and plant breeding in a private institution or university. She is particularly interested in disease resistance of vegetable crops.

Permanent Address:

15805 Reva Rd.
Reva, VA 22735
(540) 547-2355

Education:

Doctor of Philosophy in Horticultural Science, Projected Completion Date: May 2001
North Carolina State University, Raleigh, NC

Master of Science in Horticulture, July 1998, Virginia Tech, Blacksburg, VA
Topic: Derivation and Comparison of Monoploid Potato Populations Derived through Pseudogamy and Androgenesis

Bachelor of Science in Horticulture (science option), *summa cum laude* (3.95 G.P.A.), May 1997 Virginia Tech, Blacksburg, VA

Associate of Arts and Sciences in Science, *summa cum laude* (3.943 G.P.A.) May 1994
Germanna Community College, Locust Grove, VA

Work Experience:

Graduate Teaching Assistant, Virginia Tech, Spring 1998

- Prepared materials and assisted with teaching of lab for Genetics and Breeding of Horticultural Crops

Graduate Teaching Assistant, Virginia Tech, Fall 1997

- Taught a woody landscape plant identification lab containing 13 students

Undergraduate Research, Virginia Tech, Blacksburg, VA, February 1996 - May, 1997

Advisor: Dr. Richard E. Veilleux Topic: Derivation of Monoploid Potato Families Through Pseudogamy and Androgenesis

- Derived monoploid plants from two *Solanum phureja* clones utilizing both anther culture (androgenesis) and pollination with a haploid-inducing pollinator (pseudogamy)

Garden Intern, Longwood Gardens, Kennett Square, PA May-December 1995

- Worked under the direction of ten different gardeners in five of the outdoor display areas and was primarily involved in planting, pruning, irrigating, deadheading, weeding, mulching, and installing seasonal displays
- Supervised volunteers, high school interns, and learning disabled Life Skills students
- Interacted with the public frequently answering questions during my regular duties and also through co-leading a garden tour

- Participated in a cooperative Longwood Gardens, Inc./NC Dept. of Transportation native plant rescue in the Appalachian Mountains

Propagator/Salesperson, Ebenezer Heights Greenhouses, Culpeper, VA 1990-1992

- Plant propagation (from seed and cuttings), wholesale and retail sales, and shipping

Volunteer Experience:

Volunteer Landscape Project Manager, Town of Culpeper, 1990-1994

- Responsible for designing six flower beds for installation in the median strips and container plantings for the county courtyard and for purchasing plants and supplies
- Recruited and coordinated other adult and youth volunteers
- Supervised and assisted in installation and maintenance of plantings

Presentations:

Title: Derivation and Comparison of Androgenic and Gynogenic Monoploid Potato Families.

Annual Meeting of the Potato Association of America, July 1998, Fargo, North Dakota

Title: Derivation of Monoploid Potato Families through Pseudogamy and Androgenesis.

Annual Meeting of the Potato Association of America, August 1997, Prince Edward Island, Canada

Title: Derivation of Monoploid Potato Families through Pseudogamy and Androgenesis

Annual Meeting of the Virginia Academy of Sciences, May 1997, Blacksburg, VA

Collegiate Awards and Honors

Scholarship - *National Council of State Garden Clubs* 1998

Travel Grant to the Annual Meeting of the PAA - *Biological Sciences Initiative* 1998

Outstanding Senior Award - *Virginia Tech College of Agriculture* 1997

Medallion Award - *Phi Kappa Phi national honor society* (graduating senior with highest Q.C.A in College of Agriculture and Life Sciences) 1997

Mary Badhad Kittel Scholarship - *National Council of State Garden Clubs* 1997

Who's Who in American Colleges and Universities 1997

Book Scholarship - *Pi Alpha Xi horticultural honor society* 1997

E. Tedd Simms Memorial Scholarship - *American Society for Horticultural Science* 1996

Cornelia H. Kellogg Memorial Scholarship - *National Council of State Garden Clubs* 1996

Summer Undergraduate Research Fellowship - *Fralin Biotechnology Center* 1996

Undergraduate Research Support - *Biological Sciences Initiative of Virginia Tech* 1996, 1997

Anne Seaman Memorial Scholarship - *Professional Grounds Management Society* 1996

Julian G. and Margaret Gary Scholarship - *Virginia Tech Horticulture Department* 1996

President's Scholarship - *Virginia Federation of Garden Clubs* 1996

Book Scholarship - *Monticello Garden Club* 1996

Gamma Sigma Delta Junior Award of Merit - *Virginia Tech chapter* 1995

Travel Grant to the Professional Horticulture Conference of Virginia - *PHCV* 1995

President's List/Dean's List - *Virginia Tech* 1995-1997

4-H Horticulture Scholarship - *National 4-H Foundation/Monsanto* 1994

President's List/Dean's List - *Germanna Community College* 1993-1994

Plain Brown Review writing contest - *third place essay* 1993

Organic Gardening Scholarship - *Rodale Press* 1992

Presidential Youth Service Award - (*volunteered over 150 hours in community service*) 1992

Academic, Professional, and Honorary Organization Memberships

Pi Alpha Xi (horticultural honor society)

Gamma Sigma Delta (agricultural honor society)

Phi Kappa Phi (national honor society)

Phi Sigma (biological honor society)

Golden Key National Honor Society

American Society for Horticultural Science

Virginia Master Gardeners Association

Past Member; Horticulture Club of Virginia Tech, 4-H clubs, Virginia Biological Farmers Association, CMOR
Master Gardeners , Professional Grounds Management Society

Current and Past Campus Activities:

Graduate Student Association - **Departmental Delegate**

Pi Alpha Xi horticultural honor society:

- **Secretary**
- **Spring/Fall Banquet Committees**
- **Plant Sale Fund-raiser Committee**
- **Flowerbed Maintenance Committee**

Campus Crusade for Christ