

Samuel Forrest Hutton

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OBJECTIVE

To pursue a career as a plant breeder that will be both challenging and rewarding, while allowing me to provide for my family as I make crop improvements which will be realized by growers.

EXPERIENCE

Post-doctoral Scientist, Tomato Breeding: September 2008-present

University of Florida GCREC, Wimauma, FL

Professor: Dr. Jay Scott

Primary: Fine mapping of *Ty-3*, a resistance gene to Tomato Yellow Leaf Curl Virus.

Secondary: Sweet potato whitefly resistance gene discovery.

Tertiary: Confirmation and characterization of QTL for bacterial spot resistance.

Tomato Breeding Research Assistant: August 2004-September 2008

University of Florida, Gainesville, FL

Advisor: Dr. Jay Scott

Study of the inheritance of bacterial spot resistance in three tomato breeding lines.

Identification of molecular markers linked to resistance QTL.

Instructor: August 2005-December 2005

University of Florida, Gainesville FL

Taught HOS 1014, Vegetable Gardening.

Organized lectures, procured necessary supplies, and managed student plots.

Soybean Breeding Research Assistant: August 2001-August 2004

University of Minnesota, St. Paul, MN

Advisor: Dr. Jim Orf

Investigated the drought tolerance of four populations of soybean.

Assisted in the various aspects of the soybean breeding project.

Summer Intern: March 2001-July 2001

Aventis CropScience, Leland, MS

Assisted in the management of rice breeding trials in Leland, MS.

Sales Intern: May 2000-August 2000

Dow Agrosiences, MS

Interacted with the Dow sales team, cotton consultants, ag-chemical dealerships and farmers to promote company products.

Student Worker: August 1999-December 2000

Mississippi State University, Starkville, MS

Professor: Dr. Jac Varco

Assisted in plot work, laboratory analyses and data entry for one of the MSU soil scientists.

Tech-service Intern: May 1999-August 1999

American Cyanamid, MS

Gathered product information via treatment follow-ups, field days, sales-rep consultations and personal interaction with crop specialists and weed scientists.

Camp Counselor: May 1998-August 1998

Alpine Camp for Boys, Mentone, AL

Served as counselor over cabins of five to six boys and taught horseback.

Summer Intern: May 1997-August 1997

Stoneville Pedigreed Seed Company, Stoneville, MS

Superior: Dr. David S. Guthrie

Responsible for cotton mapping on major variety trials for the company's cotton physiologist.

PUBLICATIONS

Hutton, S.F. and J.W. Scott. 2007. Genetic studies of resistance to bacterial spot race T4 in tomato. Tomato Breeders Roundtable. (Abstr.)

Hutton, S.F. and J.W. Scott. 2008. Inheritance of resistance and identification of molecular markers linked to bacterial spot race T4 in tomato. HortScience 43:1109. (Abstr.)

Scott, J.W., S.F. Hutton, J.B. Jones, D.M. Francis and S.A. Miller. 2006. Resistance to bacterial spot race T4 and breeding for durable, broad-spectrum resistance to other races. Rpt. Tomato Genet. Coop. 56:33-36.

EDUCATION

Ph.D., Horticultural Science, University of Florida, Gainesville, FL, 2008

M.S., Applied Plant Science, University of Minnesota, St. Paul, MN, 2004

B.S., Agronomy, Mississippi State University, Starkville, MS, 2000

AWARDS

Alumni Fellowship recipient 2004 to 2008 (University of Florida)

Lambert Fellowship recipient 2001 to 2004 (University of Minnesota)

Agronomy Student of the Year, 1998 (Mississippi State University)

AFFILIATIONS

ASHA member since 2008

Gamma Sigma Delta Honor Society

Phi Kappa Phi Honor Society

Golden Key National Honor Society