

Short Curriculum Vitae

Dr. S. Alan Walters

Professor of Vegetable Science
School of Forestry and Horticulture
Southern Illinois University
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EDUCATION

PhD, 1996, North Carolina State University
Major: Horticultural Science

MS, 1991, North Carolina State University
Major: Horticultural Science

MPPPM, 1988, University of Georgia
Major: Plant Pathology

BSA, 1986, University of Georgia
Major: Agronomy

EXPERIENCE:

Professor 2010-present
Vegetable Crop Scientist
Southern Illinois University, School of Agricultural Sciences

Southern Illinois University appointment of 40%/40%/20% teaching/research/administration & service. Courses include home gardening, vegetable production, organic gardening, plants for the ecological landscape, and crop physiology. Research focus on applied vegetable physiology and production practices, including reduced tillage practices for vegetable production, pollination ecology of cucurbit crops, vegetable disease and weed management, vegetable crop physiological responses to various production systems (especially fertility management and high tunnels), vermicomposts and other alternative fertilizers, fertility management practices, water management, and horseradish breeding.

Associate Professor 2004-2010
Vegetable Crops Scientist
Southern Illinois University, Department of Plant, Soil, and Agricultural Systems

Assistant Professor 1998-2004
Vegetable Crops Scientist
Southern Illinois University, Department of Plant, Soil, and General Agriculture

Postdoctoral Extension and Research Associate 1996-1997
Horticultural Crops
North Carolina State University, Department of Horticultural Science

Graduate Research Assistant 1993-1996
North Carolina State University, Department of Horticultural Science

Research Scientist 1991-1993
North Carolina State University, Department of Plant Pathology

Graduate Teaching Assistant 1989-1990
North Carolina State University, Department of Horticultural Science

AWARDS

US State Department Fulbright Senior Research Scholar, 2022 - Brazil
SIU COAS Elkins Excellence in Education Award, 2018
SIU COAS Outstanding Scholar/Research, 2016
SIU COAS Team Research Award, 2016
US State Department Fulbright Senior Research Scholar, 2015 to 2017 - Morocco
SIU COAS Elkins Excellence in Education Award, 2012
SIU COAS Outstanding Faculty Researcher, 2006
NCSU Foil McLaughlin Plant Breeding Fellowship Recipient, 1995
ASHS Travel Grant Recipient, 1995
NCSU Graduate Student Professional Development Workshop Nominated Participant, 1994
NCSU Outstanding Graduate Student Teaching Assistant, 1990

STUDENTS

During my career, I have been the advisor to almost 40 graduate students and been on committees of more than 30 other graduate students. I have 6 current graduate students, 1 working towards a PhD and 5 toward M.S. degrees

PUBLICATIONS, GRANTS, ETC.

Published over 80 refereed publications during career and helped to bring in over \$5 million in grant monies to support my Vegetable research program at SIUC

Delivered more than 75 abstracts at national/international meetings and more than 100 edited professional publications on original research during career.

Delivered well over 250 outreach or extension-type presentations for career.

INTERNATIONAL ACTIVITIES:

Greece (Agricultural University Athens, Sabbatical, 2007)

Afghanistan [USAID AWATT project (2008-2011) and USDA-FAS ADAPT project (2011-2013)]

Austria (2009 to present, horseradish research)

Brazil (2013 to present, **Bee Pollination in *Cucurbitaceae***)

Morocco (2013 to present, Vegetable Production and Water Management; Landrace Evaluations) - **Research Fulbright Scholar** in Morocco during 2015, 2016 and 2017 focusing on “Evaluation & Identification of Local Vegetable Crop Varieties (Landraces) for Increased Productivity in Morocco”. Working with the Institut National de la Recherche Agronomique (INRA) in Agadir to complete the activities for this project.

Study Abroad Class: CSEM 408 (World Crops) - taught spring break in Costa Rica during 2015, 2016, 2017, 2018, and 2019.

Research Fulbright Scholar in Brazil during 2021-2022 focusing on “Bee Pollination Issues in Melons and Watermelons”.

References:

Young, B.G. Professor of Weed Science, Dept. of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana, 765-496-1646

Midden, K. Professor Horticulture and Former Interim Dean, College of Agricultural Sciences, Southern Illinois University, Carbondale, Illinois 62901-4416. 618-713-3785

Schultheis, J.R. Professor, Dept of Horticultural Science, North Carolina State University, Raleigh, N.C. 27695-7609. 919-515-1225.

Groninger, J.W., Acting Associate Dean, Professor, School of Forestry and Horticulture,
Southern Illinois University, Carbondale, Illinois 62901-4411. 618-453-2469.