

Timothy Branner Brenneman

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Education

B.A. in Biology, Goshen College, 1981
Ph. D. in Plant Pathology, Virginia Tech, 1986

Academic and professional positions held

1986-1992 Assistant Professor, UGA
1992-1997 Associate Professor, UGA
1998- now Professor, UGA (primarily research, but some extension and teach Introductory Plant Pathology at the Tifton Campus)

Achievements

- a. **141** refereed scholarly articles and book chapters
- b. Over 270 Proceedings and Other Publications
- c. Co-released four peanut cultivars (Tifrunner, GA-07W, GA-14N and Tif NV-HiOL)
- d. Major professor for 17 students and post-docs and served on many graduate student advisory committees. My students have won multiple regional and national awards including the E. Broaddus Browne Award from UGA College of Agriculture, Kenneth E. Pappa Award from UGA Dept. of Plant Pathology, George Washington Carver Award from the National Peanut Board, Wallace K. Bailey Award from the the American Peanut Research and Education Society, and were selected to participate in the APS Melhouse Symposium on Plant Disease Epidemiology. These students now serve as researchers and administrators in private industry, the USDA, and in land grant universities as listed below.
- e. Graduate Students and Post-Docs

Jeff Standish	PhD	Current
Renjie Cui	MS	Current
Becky Shirley	MPPPM 2016	USDA - FSA

Kyle Brown	MS	2015	Regional Manager, Sostena Seeds
Ty Torrance	MPPPM	2014	UGA Extension Agent
Yun Ching Tsai	MS	2014	Ag. Technology Research Institute, Taiwan
Tom Ingram	MS	2013	PhD Student, Virginia Tech
Joao Augusto	PhD	2009	Research Scientist, CGIAR, Africa
Murat Seyran	MS	2008	PhD Student, Turkey
Weibo Dong	PhD	2007	Monsanto, China
Jason Woodward	PhD	2006	Assoc. Prof. and Assoc. Dept. Head, Texas A&M
Layla Sconyers	PhD	2003	Research Coordinator, Landis & Associates
Steve Rideout	PhD	2002	Professor and Director, Virginia Tech Eastern Shore AREC
Michael Franke	PhD	1999	General Manager, Birdsong Peanuts SW
Michael Franke	MS	1996	General Manager, Birdsong Peanuts SW
Richard Davis	PostDoc		Research Nematologist, USDA-ARS
Tad Smith	PostDoc		Research Scientist, Bayer Crop Science

f. Awards

1. Outstanding Alumnus Award, 2015 – VirginiaTech College of Agriculture and Life Sciences
2. Science Alumni Award, 2013 – Eastern Mennonite School, Harrisonburg, VA
3. Senior Scientist Award, 2011- UGA Tifton Campus
4. Fellow, 2010 - American Peanut Research and Education Society (APRES)
5. Outstanding Plant Pathologist, 2007 – Southern Div. , American Phytopathological Soc.
6. Wallace K. Bailey Award for best paper at APRES meeting (1985, 1994 and 2010)
7. Georgia Peanut Commission Excellence in Research Award, 2009
8. DowAgrosciences Award for Excellence in Research, APRES, 2000
9. Southeastern Pecan Growers Excellence in Research Award (2003 and 2007)
10. Southeastern Pecan Growers Outstanding Presentation (2006 and 2010)
11. Junior Scientist Award, UGA Tifton Campus, 1991
12. Arthur J. Webber Award, Outstanding Ph. D. Student, Dept. PPWS, Virginia Tech, 1986

g. Invited Presentations

1. Ten invited international presentations in 6 countries, including keynote speaker at the 2000 Bio Y2K Congress in South Africa (a centennial gathering of plant pathologists and microbiologists in Cape Town, SA)
2. Frequent speaker at regional and national pecan and peanut meetings

h. Other International Involvement

- a. Co-PI of UGA/UFL Peanut Mycotoxin Inovation Lab (PMIL) project working with subsistence-level peanut farmers in Haiti

b. Planned and supervises an ongoing peanut research project to address serious production issues of peanuts in Nicaragua, including supervising a Ph. D. student who did his thesis research there.

8. Current Grants received or pending

Cumulatively received well over \$2 million in grants and gifts as principle or co-principle investigator

9. Leadership Activities

President – Georgia Association of Plant Pathologists, 1999

President – Southern Division American Phytopathological Society, 2005

Division Forum Representative - Southern Division American Phytopathological Society

Associate Editor – Peanut Science (2 terms)

President - American Peanut Research and Education Society (APRES), 2013

Advisory Board – Meds and Foods for Kids, St. Louis, MO

11. Other Achievements

- a. Discovered pecan truffles (*Tuber lyonii*) in Georgia and is actively working to develop a better understanding of their biology. He leads the effort to develop them into a commercial enterprise, and his website has recorded thousands of hits from people seeking information on truffles.
- b. Conducted pioneering research on the effects of irrigation on the relative control of foliar and soilborne diseases with various fungicides. This work is the basis for the recommendations currently used to guide growers in using irrigation to help maximize disease control with fungicides.
- c. Co-developed the AU-Pecan fungicide spray advisory for pecan scab, helping growers reduce fungicide inputs for pecan scab.
- d. Introduced night spraying to Georgia peanut growers for control of white mold, giving improved control and yield by simply spraying at a different time of day.
- e. Conducted original research on in furrow fungicide sprays on peanuts. In furrow Proline applications have become the standard treatment in Georgia, replacing the use of fumigants for CBR control. In furrow Abound sprays are also now widely used for *Aspergillus* crown rot and early season plant health.
- f. Conducted original research on early season, banded fungicide sprays on peanuts. This research helped demonstrate the importance of early season control of white mold, and as a result, early sprays of Proline are now widely used to achieve more consistent disease control and prevent yield losses.
- g. Developed significant components of the research base for the UGA Fungal Disease Risk Index, including relative disease susceptibility of cultivars and impact of cultural practices such as seeding rates, tillage, irrigation, etc. This program has been the foundation for disease management recommendations in Georgia and neighboring states.
- h. Developed the Regional Peanut Germplasm Disease Program funded annually by the National Peanut Board to assist breeders in evaluating germplasm and developing new cultivars with improved disease resistance.

