

Monica L. Elliott

Professor, Plant Pathology Associate Center Director 70% Research, 30% Extension

EDUCATION

- J.D., Nova Southeastern University
- Ph.D. in Plant Pathology, Montana State University
- M.S. in Plant Pathology, Montana State University
- B.S. in Botany and Environmental Biology, Eastern Illinois University
- B.A. in History, Eastern Illinois University

EMPLOYMENT

- University of Florida – IFAS, Fort Lauderdale Research and Education Center since 1987; current rank of Professor and Associate Center Director for FLREC, with appointments in research, extension and administration.
- My current responsibilities include: 1) conducting research on palm diseases, microbes to use for disease control, and microbes to use for weed control; 2) extending information to county agents and clientele groups on palm disease management; and 3) assisting in the administration of the FLREC. Until recently, I also conducted research on warm-season turfgrass diseases.

PUBLICATIONS

Books

- Elliott, M. L., T. K. Broschat, J. Y. Uchida, and G. W. Simone (authors and editors). 2004. Compendium of Ornamental Palm Diseases and Disorders. APS Press, St. Paul. MN 69 pp.
- Schumann, G., P. Vittum, M. Elliott and P. Cobb. 1997. IPM Handbook for Golf Courses. Ann Arbor Press, Inc., Chelsea, MI 264 pp.

ID Card Deck

- Broschat, T.K. and M.L. Elliott. 2005. Disorders and Diseases of Ornamental Palms. SP 360. This is a collection of plastic-coated, color cards (3 inches x 4 inches) with 45 photos of common disorder and disease symptoms and a short explanation of the symptoms.

Refereed Scientific Publications (since 2000 listed below)

- Elliott, M. L. and E. A. Des Jardin. 2006. First Report of a *Serenomyces* sp. from *Copernicia x burretiana*, *Latania loddigesii*, and *Phoenix canariensis* in Florida and the United States. Plant Health Progress. doi:10.1094/PHP-2006-1213-02-BR
- Elliott, M. L. and E. A. Des Jardin. 2006. First report of *Cocoicola californica* on *Washingtonia robusta* in Florida. Online. Plant Health Progress doi:10.1094/PHP-2006-0227-01-BR.
- Broschat, T. K. and M. L. Elliott. 2005. Effects of iron source on iron chlorosis and *Exserohilum* leaf spot severity in *Wodyetia bifurcata*. HortTechnology 40:218-220.

- Elliott, M. L. 2005. First report of *Bipolaris sacchari* causing leaf spot on *Lygodium japonicum* and *L. microphyllum* in Florida. *Plant Disease* 89:1244.
- Elliott, M. L. 2005. Survival, growth and pathogenicity of *Gaeumannomyce graminis* var. *graminis* with different methods of long-term storage. *Mycologia* 97:901-907.
- Broschat, T. K. and M. L. Elliott. 2005. A key to common landscape palm disorders and diseases in the continental United States. *PALMS* 49:141-146.
- Elliott, M. L., E. A. Guertal, and H. D. Skipper. 2004. Rhizosphere bacterial population flux in golf course putting greens in the southeastern United States. *HortScience* 39:1754-4758.
- Broschat, T. K. and M. L. Elliott. 2004. Nutrient distribution and sampling for leaf analysis in St. Augustinegrass. *Communications in Soil Science and Plant Analysis* 35:2357-2367.
- Elliott, M. L., E. A. Guertal, E. A. Des Jardin, and H. D. Skipper. 2003. Effect of nitrogen rate and root-zone mix on rhizosphere bacterial populations and root mass in creeping bentgrass putting greens. *Biology and Fertility of Soils* 37:348-354.
- Elliott, M. L. and T. K. Broschat. 2002. Effects of a microbial inoculant on plant growth and rhizosphere bacterial populations of container-grown plants. *HortTechnology* 12:222-225.
- Elliott, M. L., R. B. Hickman, and M. Hopkins. 2002. Flutolanil for control of necrotic fairy rings on bermudagrass putting greens. *HortTechnology* 12:656-659.
- Rayachhetry, M. B., T. K. Van, T. D. Center, and M. L. Elliott. 2001. Host range of *Puccinia psidii*, a potential biological control agent of *Melaleuca quinquenervia* in Florida. *Biological Control* 22:38-45.
- Elliott, M. L. and J. M. Henson. 2001. Effect of osmotic stress on growth of *Gaeumannomyces graminis* strains differing in hyphal pigmentation. *Mycologia* 93:617-625.
- Elliott, M. L. and T. K. Broschat. 2001. Observations and pathogenicity experiments on *Ganoderma zonatum*, a palm pathogen in Florida. *PALMS* 45:62-72.
- Elliott, M. L., E. A. Des Jardin, W. E. Batson, Jr., J. Caceres, P. M. Brannen, C. R. Howell, D. M. Benson, K. E. conway, C. S. Rothrock, R. W. Schneider, B. H. Ownley, C. H. Canaday, A. P. Keinath, D. M. Huber, D. R. Sumner, C. E. Molsenbocker, P. M. Thaxton, M. A. Cubeta, P. D. Adams, P. A. Backman, J. Fajardo, M. A. Newman, and R. M. Pereira. 2001. Viability and stability of biological control agents on cotton and snap bean seeds. *Pest Management Science*. 57:695-706.
- Elliott, M. L. and E. A. Des Jardin. 2001. Fumigation effects on bacterial populations in new golf course bermudagrass putting greens. *Soil Biology and Biochemistry*. 33:1841-1849.
- Keinath, A., W. Batson, Jr., J. Caceres, M. Elliott, D. Sumner, P. Brannen, C. Rothrock, D. Huber, K. Conway, R. Schneider, C. Molsenbocker, M. Cubeta, B. Ownley, C. Canaday, P. Adams, P. Backman, and J. Fajardo. 2000. Evaluation of biological and chemical seed treatments to improve stand of snap bean across the southern United States. *Crop Protection* 19:501-509.

Florida Cooperative Extension Service Publications

- Primary golf course turfgrass related publication is: J. B. Unruh and M. L. Elliott, eds. 1999. Best Management Practices for Florida Golf Courses, 2nd edition. SP-141. University of Florida – IFAS, Cooperative Extension Service, Gainesville, FL. 226 pp.

- Primary landscape turfgrass related publications are found in the *Florida Lawn Handbook*
 - Print version: L. E. Trenholm and J. B. Unruh, eds. 2005. The Florida Lawn Handbook, 3rd edition. University Press of Florida, Gainesville, FL. 170 pp.
 - Online at http://edis.ifas.ufl.edu/TOPIC_BOOK_Disease_Problems
 - Turfgrass Disease Management – LH040 (M.L. Elliott and G. W. Simone)
 - Brown Patch – LH044 (M.L. Elliott and G. W. Simone)
 - Cercospora Leaf Spot – LH082 (M.L. Elliott and G. W. Simone)
 - Collecting and Submitting Turf Samples for Disease Identification – LH041 (C. Stiles, M. Elliott, R. Cullen and G. Simone)
 - Dollar Spot – LH045 (M.L. Elliott and G. W. Simone)
 - Fairy Rings – LH046 (M.L. Elliott and G. W. Simone)
 - Gray Leaf Spot – LH047 (M.L. Elliott and G. W. Simone)
 - ‘Helminthosporium Leaf Spot’ – LH048 (M.L. Elliott and G. W. Simone)
 - Key for Identification of Landscape Turf Diseases - – LH064 (M.L. Elliott and G. W. Simone)
 - Pythium Root Rot – LH050 (M.L. Elliott and G. W. Simone)
 - Rust – LH051 (M.L. Elliott and G. W. Simone)
 - Slime Molds – LH052 (M.L. Elliott and G. W. Simone)
 - Take-all Root Rot – LH079 (M.L. Elliott and G. W. Simone)

- Primary palm disease related publications are found on line at http://edis.ifas.ufl.edu/TOPIC_Palm_Diseases
 - Bud Rots of Palm – PP144 (M.L. Elliott)
 - Fusarium Wilt of Canary Island Date Palm – PP139 (M.L. Elliott)
 - Ganoderma Butt Rot of Palms – PP100 (M.L. Elliott and T.K. Broschat)
 - Graphiola Leaf Spot (False Smut) of Palm – PP140 (M.L. Elliott)
 - Leaf Spots and Leaf Blights of Palm – PP142 (M.L. Elliott)
 - Lethal Yellowing (LY) of Palm – PP146 (N.A. Harrison and M.L. Elliott)
 - Pestalotiopsis (Pestalotia) Diseases of Palm – PP141 (M.L. Elliott)
 - Petiole (Rachis) Blight of Palm – PP145 (M.L. Elliott)
 - Thielaviopsis Trunk Rot of Palm – PP143 (M.L. Elliott)

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

- Reviewer of over 50 manuscripts for 12 professional journals
- Reviewer for the national grant programs – USDA NRICGP, USDA SBIRP, NSF
- Participant in S-241, S-269, S-302 and S-1028 Regional Research Projects
- American Phytopathological Society, member since 1981
 - *APSnet* Feature Article editor (2005 – present)
 - Office of Electronic Communications (2005 – present)
 - Office of Public Policy and Education (2005 – present)
 - *Plant Health Progress* Editorial Board (2005 – present)
 - *APSnet* Education Center Editorial Board (2005 – present)
 - Scientific Program Board (2002 – 2005)
 - Chemical Control Committee member (1991-1994)
 - Ornamental and Turfgrass Disease Committee member (1992-1995)
 - Caribbean Division, member

- Southern Division, member
Constitution and Bylaws Committee member (1992)
- International Society for Plant Pathology, member
- American Society for Microbiology, member