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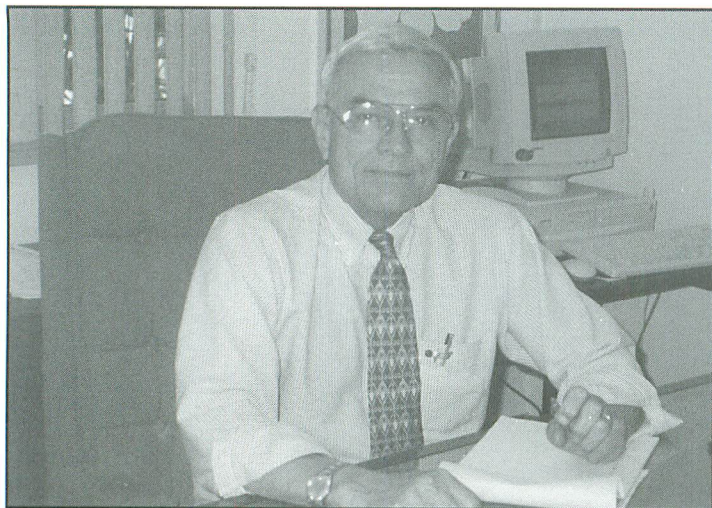
FLORIDA STATE HORTICULTURAL SOCIETY



Row 1: This is the attractive entrance to the Ft. Lauderdale Research and Education Center at 3205 College Avenue, 33314-7799. The Center Director, Dr. David W. Buchanan, is standing at left. Row 2: At left, Dr. Vernon V. Vandiver, Jr., a specialist in turfgrass weed control, discussing turf problems with students. Center, Dr. John L. Cisar is the state-wide coordinator of turfgrass research, extension and teaching. He also discusses turfgrass management here with students. And at right is Kimberly A. Klock, floriculture specialist in plant nutrition. Row 3: At left is Dr. Robin M. Giblin-Davis, professor of nematology with his advanced student, Violet Slanac, reviewing nematode problems under a microscope. Center, the palmetto weevil, *Rhynchophorus cruentatus*, under study. At right is Dr. George E. Fitzpatrick, a specialist in horticultural substrates, examining with his class the quality of various mulches. Row 4: Dr. David L. Sutton, professor of aquatic plants, is evaluating techniques for the culture of these popular plants. (Photos by Norm Childers.)

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Dr. David W. Buchanan, Center Director since 1989, provides leadership to all of the center's research, extension, and academic programs. Formerly the Chair of Horticulture and Landscape Architecture at Oklahoma State University, Dr. Buchanan had been a Fruit Crops faculty member at the University of Florida's Gainesville facility during the 1960's through the early 1980's. Dave also recently served three good years, 1994-97, as Treasurer of the Society, not an easy task. Dr. Buchanan, from Tennessee, received his Ph.D. from Rutgers University, where he studied under Dr. Norman F. Childers. (Photo by Dr. George Fitzpatrick.)

The horticultural educators over the USA have encountered declining student enrollments at a time when Florida's horticultural industries are expanding. Many prospective horticultural students in southern Florida are unable to move to the northern Gainesville campus to study horticulture because of being placebound in a job, a family commitment or for other reasons. Some have earned A.A. and A.S. degrees in horticulture or a bachelors degree in another field or just starting college. Local colleges, as Florida Atlantic University and Florida International University, are offering basic courses such as botany, biology, chemistry, english, physics, etc., for the B.S. degree but no specialized horticultural courses. The University of Florida, Institute of Agricultural Sciences (IFAS) has established a resident instruction program in cooperation with these colleges to get a B.S. degree in Environmental Horticulture, Urban Entomology and Turfgrass Management equivalent to these degrees from the Gainesville campus.

The initial program started in 1984 with 6 students, grew to 70 by 1988 and to over 100 by 1997. Average age of these students has risen from 20 to about 36 yrs. The Center is mainly serving students from Palm Beach, Broward and Dade counties, but occasional students may come from Vero Beach or the West coast of Florida. A total of 28 classes are being taught or about 14 each semester, mostly in evenings and Saturdays in 3-hr periods. There are good job opportunities in the general area with over 200 golf courses and some 2000 nurseries with many sales outlets by the late 1990s.

Ft. Lauderdale Research and Education Center was founded in 1953 and moved to its present location at 3205 College Avenue in 1967. For the first 30 years the Center had research and education programs focusing on aquatic plant management, turfgrass and ornamental horticulture. In the early 1980s a program in urban entomology specializing in termites was added and in 1984 an academic program was initiated leading to a B.S. degree in Ornamental Horticulture. In 1995, a second B.S. degree program in urban entomology was added. And in 1998 fall, a third interdisciplinary program leading to a B.S. degree in turfgrass management is being initiated. These degrees are equivalent to the same degrees given at the University of Florida campus in Gainesville.

The basic degree program in Environmental Horticulture deals with the improvement of the human environment by proper selection, placement and management of plants in the landscape. The 28 courses for a B.S. degree in this program, are:

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| General horticulture | Plant propagation |
| General soils | Fertilizers and soil fertility |
| Horticultural compost technology | Plant nutrition |
| Horticultural physiology | Genetics |
| Principles of entomology | Tropical horticultural entomology |
| Basic plant pathology | Weed science |
| Pesticide application | Tree and shrub insects |
| Palm production and culture | Tropical and subtropical fruits |
| Turfgrass culture | Turfgrass science |
| Landscape practices and arboriculture | Palm production and culture |
| Greenhouse and nursery operation | Greenhouse and nursery crop production |
| Retail florist shop and garden ctr. mgmt. | Orchidology |
| ID and ecology of aquatic plants | Physiology of aquatic plants, wetland restoration |
| Horticultural production managers' seminar | Independent study |

The degree program in urban entomology is designed to provide basic education for students desiring to enter the urban pest control profession. Students study the biology, identification and management of insects, nematodes, plant diseases and also weeds with special reference to problems in and around residential and commercial buildings. Basic courses taken for this specialty, including several others listed above, are:

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| Principles of entomology | Tropical horticultural entomology |
| Principles of urban pest management | Insect classification |
| Tree and shrub insects | Biology and identification of urban pests |
| Medical and veterinary entomology | Behavioral ecology and systematics |
| Nematology | |

For more information about the general program and the new developing turfgrass program at this Center, contact The Academic Program office, 3205 College Avenue, Ft. Lauderdale, FL 33314. Ph.: 954-475-8990; e-mail: dwbu@ufl.edu.