The trade show, which occupies less than half the schedule of the International Golf Course Conference and Show, is one of the 150 largest shows in the United States. Until Orlando's Orange County Convention Center was expanded last year, no building in Florida was large enough to hold it.

It's the Greatest Show in Turf

If the rest of the golf world is in for a treat when it takes a close look at the situation in Florida, the same thing can be said for Floridians getting their first look at the International Golf Course Conference and Show sponsored by the Golf Course Superintendents Association of America.

As many as 20,000 golf course superintendents, owners, operators, architects, builders, agronomists and mechanics from all over the world will pass through the doors of the Orange County Convention/Civic Center during the eight days of the 61st annual conference, which runs Feb. 19-26.

Although the trade show, which is so large that fewer than 20 facilities in the United States can handle it, is the most visible part of the convention, it is not the focal point. The show doesn't even open until the sixth day.

In fact, they don't even get around to holding the opening ceremonies for the conference until late on the fourth day, by which time 40 one-and two-day seminars will have been completed.

Among the most popular seminars is the one-day session on study guidelines for the certification examination. The seminar is recommended for those who are beginning their program of study for the CGCS designation, not those slated to take the six-hour examination two days later.

The seminars are available by advance registration and many are sold out months in advance.

Although it is now too late to take advantage of the GCSA's offer of free registration to all first-year GCSAA members, general registration will be available at the door starting Feb. 22. Basic admission is $165 for members and $215 for non-members. For information about last-minute seminar openings or other registration details, call the GCSAA at 800-GSA-SUPT.

Spouses may register for $60, which includes admission to the Spouse Center Friday-Monday (Feb. 23-26), admission to the trade show Sunday and Monday, continental breakfast Friday, arts and crafts exhibit and major speaker on Sunday and entertainment by Claude the Gator on Monday. Optional escorted tours are available to all major tourist attractions and shopping areas.

Children age 3 and older may be registered for the Spouse Program for an additional $60.

Students may obtain complete conference registration for $50 ($45 if a student-member of the GCSAA), as may golf course mechanics.

Mechanics will probably want to take advantage of a new half-day pro-
Florida superintendent runs for GCSAA Director ..........42
FGCSA fields formidable team in national championship ...44
Florida greens chairman recalls a young Sherwood Moore ..46
Agendas for Architects, Builders, Mechanics, Green Section ..52

As many as 2,000 foreigners may attend

The "International" in the conference title is no pretension.
Fully 10 percent of last year's attendees came from more than 30 foreign
countries and, according to GCSAA Executive Director John Schilling, there
is no reason to expect this year to be any different.
That means as many as 2,000 foreign visitors can be expected.
To take advantage of this unique international gathering, the GCSAA
has scheduled an International Golf/Turfgrass Roundtable for Feb. 24.
The Roundtable is in addition to the traditional international reception,
scheduled this year for Feb. 22 at 2 p.m.
CELEBRITY SPEAKERS

Dr. Ken Blanchard, author of The One-Minute Manager and noted motivational speaker and business consultant. Keynote address, Feb. 22.

James B. Irwin, Apollo 15 astronaut and eighth man to set foot on the surface of the moon. Prayer breakfast, Feb. 25.


Tony Orlando, singer and actor. Featured entertainer at the closing banquet and show, Feb. 26.

Faculty for the environmental session includes Dr. Richard Cooper, University of Massachusetts; Dr. Richard Hull, University of Rhode Island; Dr. Stuart Cohen, Biospherics, Inc.; Dr. Bruce Branham, Michigan State University; Fred Haskett, Haskett/McCausland & Associates; Judy Heckman, EPA Office of Pesticide Programs; Jeffrey Holmes, Grand Traverse Resort; Mary Knaggs, Westchester CC; Bryan Corsini, American Association of Nurserymen; Vonnie Estes, Agri-Diagnostics; Dr. Charles Peacock, North Carolina State University; Dr. John Cisar, University of Florida; Al Kline, CGCS, University of New Mexico; Les Kennedy, Jr., CGCS, Oak Lane CC, Woodbridge, Conn.; Ross O'Fee, The Springs Club, Rancho Mirage, Calif.; Dr. Clark Throsell, Purdue University; Rod McWhirter, Rain Bird Sales, Inc.; Dr. Bruce Augustin, Lesco, Inc.; Ed Davis, R&D Sod Farms, Inc.; and Dr. K.A. Langeland, University of Florida.

Those not interested in environmental issues have their choice of four other half-day sessions, each with similarly star-studded faculties.

Also new this year will be a government relations forum moderated by Robert Ochs, GCSAA legal and legislative counsel. The forum will be held in conjunction with the GCSAA's government relations committee meeting. It's purpose is to give superintendents the tools they need to inform government (Continues on Page 52)

SPECIAL INTEREST FORUMS

Certification Open Forum
The GCSAA confers the designation, "Certified Golf Course Superintendent," or CGCS, to superintendents who complete a rigorous program of study, peer review and a written examination. The Certification Committee will answer questions about the program at an open forum Feb. 25.

Government Relations Forum
The GCSAA Government Relations Committee will conduct an open forum in conjunction with its meeting Feb. 25. Purpose is to equip superintendents to inform regulators about the unique nature of the profession.

Computer Users Group Meeting
Informal exchange of ideas on latest developments in hardware, software, and techniques.

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The GCSAA plays an important role in our industry and I'm pleased that you are volunteering your time and energy to support them...I am sure that you will make a valuable contribution to the GCSAA Board of Directors.

Jack Nicklaus

Johnston’s Platform

- Regulatory compliance is one of the greatest challenges we face.
- We need more support from owners to help us protect their interests.
- The knowledge we require just to do our jobs is exploding at an exponential rate.
- We need more money for research; this job was hard enough when water and chemicals were unlimited.
- Nonmembers need our help and we need the strength of their numbers.
- We must develop our public image as protectors of the environment.

For the first time in anyone's memory, a Florida superintendent is running for national office.

"We have had lots of people in Florida who are qualified to be on the board of directors of the GCSAA," said Joel Jackson, FGCSA president, at the state organization’s board meeting in August. "The problem has been finding a qualified superintendent who could afford to take the time away from his job. Being a golf course superintendent is a 365-day-a-year proposition down here.

"Serving on the board of directors is not like serving on one of the national committees. There is a lot of responsibility and a lot of travel involved in being a director.

"But Florida needs representation on the board. We are too important a part of our industry not to have a voice in the running of our professional association.

"That's why I'm delighted to announce that Cecil has agreed to run if we will endorse his candidacy.

"Do I hear a motion?"

Every eligible voting hand in the Executive Conference Center of the Villas at Grand Cypress shot toward the ceiling.

So Cecil C. Johnston, CGCS, the 39-year-old superintendent of Avila G&CC in Tampa, became one of four candidates seeking to fill two vacancies on the board of directors of the 8,000-member Golf Course Superintendents Association of America.

The election will be held during the GCSAA's annual meeting, which begins at 1 p.m. on the final day of the convention. Directors serve two-year terms.

Johnston is immediate past president of the 600-member FGCSA, which is divided into 10 regional chapters.

The award-winning editor of his chapter newsletter for several years, Johnston has been most active in government relations and research funding.

As chairman of the state's government relations committee, he singlehandedly coordinated the successful effort to gain permission to use Hoehlon in Florida to control goosegrass.

He has served on the research foundation funding committee of the Florida Turfgrass Association and was moderator of the 1988 FTGA Conference and Show.

A summa cum laude graduate of Lake City Community College's school of Golf Course Operations, Johnston has designed a wash stand for maintenance vehicles which has drawn favorable comments from the U.S. Environmental Protection Agency.

His candidacy has been endorsed by all interested parties in the state, including the developers of his golf course, Jack Nicklaus and Robert Sierra.
Members of the FGCSA's golf team get their sticks together before a practice round at Hunters Creek GC in Orlando. From left, Buck Buckner, Joe Ondo, Dave Oliver and Fred Klauk.

FGCSA's best players to face 600 challengers

Three national tournament veterans, including a former champion, and one rookie will lead 20 Florida superintendents against 580 out-of-state challengers in the 40th GCSAA Golf Championship Feb. 19-20.

The tournament, begun in 1938 and held annually since 1968, is the first event of the eight-day International Golf Course Conference and Show.

As host chapter, Florida will have five foursomes vying for the team title that has never come to the Sunshine State, but this may be the year.

The Floridians are led by former GCSAA national champion David Oliver, now superintendent at Martin Downs in Stuart, who won the 1986 individual title at Palm Desert in California.

"Without a doubt, it was the biggest thrill of my golfing career," says the 34-year-old Oliver, who grew up on Forest Lakes GC in Sarasota.

The former University of Florida intramural champion will have an edge in his quest to win a second national title and to stop Dave Powell, superintendent at Myers Point CC in Charlotte, N.C., from winning his fourth championship in five years: one of the two courses used for the championship flight in the 36-hole event will be the New Course at Grand Cypress Resort.

Buck Buckner
Superintendent
Orange Tree GC
Orlando
Handicap: 3
Basis: 1989 Poa Annua Classic champion
GCSAA Experience: First year
Major titles: Runner-up, 1989 National Lefty Championship
Strength: Irons
Weakness: Driving accuracy
Biggest thrill in golf: Shot 3 under par over last two days in National Lefty

Joe Ondo, CGCS
Superintendent
Winter Pines GC
Winter Park
Handicap: 3
Basis: First alternate (Low Average)
GCSAA Experience: 7 tournaments
Major titles: Florida Publinx, Crowfoot Open (2), Poa Annua Classic
Strength: Ability to keep the ball in play; can adapt game to "whatever is working today"
Weakness: Long irons
Biggest thrill in golf: Florida Publinx title

Dave Oliver
Superintendent
Martin Downs G&CC
Stuart
Handicap: 2-3
Basis: Crowfoot Open Champion
GCSAA Experience: 5 tournaments, won championship in 1986
Major titles: University of Florida Intramural championship; Poa Annua Classic, FTGA Research Tournament (2)
Strength: Getting it up and down
Weakness: Driving accuracy
Biggest thrill in golf: 1986 GCSAA champion
Oliver qualified for Florida’s “A Team” (whose entry fees are paid by the state organization) by winning the Crowfoot Open over the same Jack Nicklaus layout... in the middle of the summer.

Other members of the first team

Fred Klauk
Superintendent
TPC at Sawgrass
Ponte Vedra Beach
Handicap: 4
Basis: Low Average
GCSAA Experience: 6 tournaments
Major titles: Crowfoot Open, FTGA Research Tournament, Runner-up, Palm Beach County amateur
Strength: Middle irons, putting
Weakness: Driving
Biggest thrill in golf: Second place in the Palm Beach County Amateur against most of the best players in the state

New Course
Grand Cypress Resort
Architect: Jack Nicklaus
Date Opened: 1988
Length: 6773-5314 yards
USGA Rating: 72.1
Slope: 126
Superintendent: Tom Alex

Palm GC
Walt Disney World Resort
Architect: Joe Lee
Date Opened: 1970
Length: 6917-5398 yards
USGA Rating: 73.0
Slope: 133
Superintendent: Larry Kamphaus, CGCS

Hunters Creek GC
Architect: Lloyd Clifton
Date Opened: 1986
Length: 7432-5755 yards
USGA Rating: 77.8
Slope: 127
Superintendent: Craig Shelton

Lake Buena Vista GC
Walt Disney World Resort
Architect: Joe Lee
Date Opened: 1972
Length: 7655-5359 yards
USGA Rating: 71.7 (change pending)
Slope: 127 (change pending)
Superintendent: Scott Welder

Magnolia GC
Walt Disney World Resort
Architect: Joe Lee
Date Opened: 1970
Length: 7150-5485 yards

are all tournament tested.

Even GCSAA rookie Buck Buckner, who qualified by winning the Poa Annua Classic at the Naples Beach Club, has seen national combat.

The 37-year-old Orlando superintendent (Orange Tree CC), who picked up the game while stationed at Lackland AFB in San Antonio, Tex., scrambled to 3-under the last two days to place second in the National Left-Handed Golfers Championship at Bay Tree Plantation in Myrtle Beach, S.C.

Fred Klauk, 39-year-old superintendent of the Tournament Players Club at Sawgrass in Ponte Vedra — the PGA Tour’s home course — made the team by accumulating the lowest total score in the Florida GCSA’s three official qualifying events: Poa Annua, Crowfoot and FTGA Research Scholarship tournament.

Also a Gator intramural champ, Klauk was introduced to the game by his father and he played for his high school team in Riviera Beach.

Rounding out the top foursome is Joe Ondo, Florida GCSA’s golf chairman and multiple titleholder from previous years who made this year’s team through the back door.

With the second-lowest average for the season, Ondo moved up when FTGA champ Hal Hicks learned he could not play in the national event.

Competitors in the championship flight will be tested by two entirely different types of golf courses.

Nicklaus’ links-style New Course has nary a tree and very little water, with ball-eating lovegrass everywhere off the beaten path.

Hunters Creek, the other venue for the low handicappers, features wall-to-wall turf with more than 5,000 trees.

Water comes into play on 13 holes.

Designed by Lloyd Clifton and opened in February, 1986, Hunters Creek has been host to the Florida Open, the Florida State Amateur, a U.S. Open qualifier and a PGA Tour Qualifying School sectional tournament.

The rest of the field, competing on a modified point-quota system, will test the three courses at Walt Disney World Resort, all designed by Joe Lee (See profile, page 64).
Hey, Sherwood!
Do you remember the time we...?

"It's about time they gave that thing to a superintendent, but I'm not sure they picked the right guy," said Sherwood Moore, the golf course superintendent who built his reputation as the maestro of Winged Foot, the monstrosity at Mamaroneck, N.Y., that has humbled the world's greatest golfers in some of the world's greatest golf tournaments.

Moore was reacting to the news that he had been selected to receive the Old Tom Morris Award, the GCSAA's tribute for lifetime contribution to the game.

Named for Tom Morris, Sr., greenkeeper and golf professional at the Royal and Ancient Golf Club of St. Andrews, Scotland, presentation of the award is the highlight of the banquet that ends the annual international golf course conference. Morris also won the British Open four times and was a noted ballmaker, clubmaker and golf course architect.

"They got the right guy, make no mistake about that," says Bob Jacobson, New York stockbroker and greens chairman at Banyan GC in West Palm Beach.

Jacobson was Moore's greens chairman when Moore came to Hollywood GC in Deal, N.J., in 1955. The former had just retired from competitive golf after 20 consecutive club championships and the latter was just entering the world of private golf clubs.

"Sherwood taught me to respect a golf course as a natural thing and you can't always control Mother Nature," says Jacobson. "I taught him public relations with members. It's really tough when you have 150 bosses and each one of them thinks he knows how to do your job better than you do."

"Bobby Jacobson is the finest greens chairman that I have ever had the pleasure to work with," responds Moore. He always went to bat for me and was one of my greatest supporters.

As for his former boss's knowledge of nature, Moore says, "I remember when we were touring the course one spring and he remarked that the poa annua seemed more prominent than usual."

"'Not really, Mr. Jacobson,' I said. 'It's (Continues on Page 54)"

Sherwood Moore aboard his homemade bunker rake at Hollywood GC in Deal, N.J., in September, 1955. "We should have had it patented," he says.
regulators about the unique situations faced by golf course managers.

The convention is not all work, however.

In fact, the unofficial beginning of the conference is the annual GCSAA Golf Championship, this year being contested by 600 golfers over five courses in the Orlando area (See story, Page 44.) Feb. 19-20.

Keynote speaker at the opening session, scheduled Feb. 22 at 5:15 p.m., will be Dr. Ken Blanchard, author of The One-Minute Manager. A cash bar reception will follow with music for listening and dancing until 8 p.m.

Featured speaker at Sunday morning’s prayer breakfast will be Apollo 15 astronaut James B. Irwin, who was the eighth human to set foot on the moon.

Monday afternoon is set aside for politics as the GCSAA conducts its annual meeting, featuring the election of officers. For the first time in anyone’s memory, a Florida superintendent is running for GCSAA director. (See story, Page 42.)

The 61st International Golf Course Conference and Show concludes Monday evening with the annual awards banquet, featuring presentation of the Old Tom Morris Award to Sherwood Moore (See story, Page 46) followed by entertainment by Tony Orlando.

Banquet tickets are not included in the registration. If space is available, they may be purchased for $45 each at the time of registration.
Just that now you know what poa annua is!"

Both men point to the growing dominance of science and technology as the biggest change to the art of golf course management in the past four decades.

Moore was an early advocate of using technology wherever possible. In fact, Jacobson recalled, he invented what may have been the world’s first powered bunker rake.

"Hollywood was a Dick Wilson course," said Moore, chuckling at the memory prodded by Jacobson. "We had something like 250 bunkers.

"So we put together this contraption that consisted of three components lifting and lowering off the hydraulic system of the tractor. The rake worked like a charm and we used it extensively.

"Should have had it patented."

The two men were last together in 1988, when Moore toured Jacobson’s winter course, Banyan.

They’ll be reunited on the dais at the Old Tom Morris banquet.

"I think it’s great for Sherwood," said Jacobson. "I am really looking forward to it. They certainly picked the right guy."

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