

THE GREENERSIDE

OFFICIAL PUBLICATION OF THE GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

May 16, 2016
May Golf Event
Scott Carpenter, CGCS, Superintendent
BROOKLAKE COUNTRY CLUB
Florham Park NJ





2nd U.S. AMATEUR FOUR-BALL CHAMPIONSHIP WINGED FOOT GOLF CLUB

Wednesday, May 18th – Wednesday, May 25th, 2016

We are honored to be hosting the 2nd Annual U.S. Amateur Four-Ball Championship. The preparation of the golf course is the most important component in successfully hosting a USGA Championship and we need help from you, the volunteers, in order to prepare Championship conditions. The Championship qualifying rounds will be held on both the East and West courses, while the match play portion will be held on our newly renovated East Course. Hand mowing, rolling and course set-up are areas where volunteers are needed the most. Thank you for your interest in volunteering. It is greatly appreciated.

Please fill out the form below and return it no later than **April 1st, 2016** by one of the options below.
We are looking to fill 30 positions, which will be filled on a first come, first served basis.

By Mail:

Weston Neff
Winged Foot Golf Club
851 Fenimore Road
Mamaroneck, NY 10543

By E-Mail:

wneff@wfgc.org

By Fax:

(914) 698-7972

VOLUNTEER INFORMATION

First Name: _____ Last Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Cell: () - _____ Second Phone: () - _____ Email: _____

Please Check ☒ below your experience in the jobs below.

Task	None	Satisfactory	Highly Efficient	Outstanding
Walk Mow Greens				
Walk Mow Tees				
Triplex Fairways				
Course Set-Up				
Rolling Greens				
Hand Watering				

Please Check ☒ below both the dates and shifts you will be available to work during the Championship.

Date	AM Shift 4am	PM Shift 3pm	Both AM and PM Shifts
Thursday, May 19 th			
Friday, May 20 th			
Saturday, May 21 st			
Sunday, May 22 nd			
Monday, May 23 rd			
Tuesday, May 24 th			
Wednesday, May 25 th			

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**Scan the QR code to the
left...You'll connect to our
website: www.gcsanj.org**

Welcome New Members!

Nate Spence, Class A
Trump National Bedminster

Thomas Kennedy, Class C
Trump National Bedminster

Alex DeHaven, Class C
Trump National Bedminster

Jeff Hass, Class AF
Golf Cart Services

Jen Schneider, Class AF
Harrell's

PHOTOS INSIDE THIS ISSUE
Courtesy of Shaun Barry

President's *Message* Gary Arlio, Essex County Parks



Life is a beautiful journey. It might not always give us what we want. There are days when we as human beings have a tendency to feel sorry for ourselves when faced with difficult times. These tribulations can either be in our professional or personal lives, and no matter which one it is, it can change us to our core. We risk becoming this individual that if we took the time to truly reflect on, we would not like. It doesn't make us a bad person, it makes us human. I sadly admit that I became just that person about eight months ago. Circumstances in my life led me to go from someone who was for the most part a positive individual, to this individual who was just negative. It infected not only me but everything around me. I couldn't stand myself and I can only imagine that those close to me felt the same but were just being too kind by not saying anything to me. It got so bad I did not even want to go to work and for those of you that know me well, you know that's pretty bad. And then without warning, out of nowhere that bond that I spoke of in my last message came shining through. It wasn't the bond of those who are my close friends, I can always trust them to be honest with me. It was from a person I have considered a friend in this business for twenty years, but someone I would not say was a close friend but a good friend nonetheless. On occasion over the years we would speak of our similar situations but our conversations for the most part were few and far between. He was calling and asking how everything was going and mentioned to me about the possibility of an opening in his organization, and thought it might be something I would be interested in. Eleven days and two interviews later the dark clouds that had previously consumed me were gone.

I have begun a new exciting adventure that I must admit after four short weeks I love. It's hard to believe that on a Saturday morning instead of being asked about green speed and bunkers, I am being asked to come to a meeting at of all places the giraffe house. They don't teach you about giraffes at Rutgers turf school. But make no mistake everything that I have done over the last thirty years is coming into play. As Superintendents we are so much more than just that guy who grows grass. I see it now more than I ever have.

My day pulls me in so many different directions from engineering, to the various trades, to dealing with conservancies, and now to preparing for the largest cherry blossom festival in the country, and I don't feel overwhelmed because of what our profession has taught me over the years.

When I was at the same golf course day after day, I pretty much knew how my day was going to evolve, but when you are the Superintendent of 7000 acres of parks with over 70 buildings, your day changes from minute to minute. You learn quick to plan on the run while doing your best to put out fires. On second thought that kind of sounds like a day on the golf course with the only difference being I have a lot more opportunity for those fires.

I know now that everything I have experienced in my career as a Superintendent will provide me all the tools that I need to be successful in this new and challenging endeavor. My term as President will be over in seven months and I am confident they will fly by. I hope to lead this organization and this board to achieve the goals we have set forth. After that who knows what the bowl of cherries will bring me.

But there is one thing I know for certain. That bond that brought me to where I am now, that bond that has been there every time I have needed it whether asked for or not, that bond will never be broken. I can't wait to see what the day will bring me tomorrow -- the not knowing is what makes it beautiful.

Yours in the Bond

Gary Arlio

Gary Arlio
GCSANJ President



GCSAA's 2016 Annual Meeting

by Bill Murray,
Chapter Delegate

At this year's annual meeting in San Diego, California, the chapter delegates from around the country gathered to vote on New Member Standards and new By-laws along with voting for the Board of Directors for the 2016 year.

Below are the **Member Standards** that were adopted by a majority vote.

-- A more inclusive definition of Class A has been crafted that will allow individuals to maintain their Class A status when they no longer hold a golf course superintendent job, but are still employed in the golf industry. They will still need to maintain ongoing requirements.

-- The superintendent Member (SM) classification will return to Class B. This will provide a more logical listing of the professional membership classification. A, B and C (assistant superintendent).

-- Class A Eligibility will continue to be based on a sliding scale of formal education, superintendent years of experience and continued education. The scale is based on a combined formula of 20 points, with a set point value assigned to your level of formal education and a variable combination of continuing education and experience. Service points will no longer be a component of eligibility.

-- Class A renewal requirements continue to necessitate a total of 5 points over a 5-year period. However, they have been enhanced to include a minimum of 3.0 education points rather than the current minimum of 2.0 education points. Service points for renewal will now focus on golf-centric activities.

-- Possessing a pesticide license or passing the GCSAA IPM Exam will continue to be a requirement of eligibility and renewal. Additionally, the GCSAA IPM Exam fee will be eliminated.

As far as the **By-Laws** that were voted on and passed with a majority vote, eleven changes were made with all being the wording of changing Class SM to Class B.

The delegates were then presented with the election slate for President, Vice President, Secretary/Treasurer and two Directors.

Peter Grass was nominated and elected President with no opposition from the floor.

Bill Maynard was nominated and elected Vice President with no option from the floor.

Member Standards and By-Laws Changes

Rafael Barajas and *Darren Davis* then squared off for the Secretary/ Treasurer position. What the usual right of passage is that the elder statesman wins the election and the loser runs and wins the following year. This year this did not

happen. With what I believe were some shady shenanigans going on with a certain area of the country, Mr Davis won the election by a very close margin. Our association was backing Mr. Barajas and it will be interesting to see what happens next year in Orlando.

With Mr Barajas losing the election earlier, he had to be nominated from the floor to run as one of the Directors for the Board. Yours truly was honored to nominate Mr Barajas from the floor and he was able to obtain one of two Director positions along with Board member *Kevin Breen* from California. *John Walker* of Texas was then appointed to fill the vacancy created by Mr. Davis' unexpected win and finish his last year of a two year term.

At the end of the meeting, our own *John O'Keefe* was honored by the board and past presidents on a job well done.

If any members have any question about what goes on at GCSAA please feel free to contact me and I will be happy to answer any question you may have.



CLASS A ELIGIBILITY

Determined by: Formal Education Value + Years Supt. Experience + Education Pts. = 20

Formal Education Category	Formal Education Point Value	+	Years of Superintendent Experience	+	Education Points	=	TOTAL POINTS REQUIRED
Bachelor's Degree or Higher in Turf/Plant Science Degree	15	+	3 or more	+	Variable	=	20
Other Bachelor's Degree or Higher, plus Assoc. Degree in Turf/Plant Science	15	+	3 or more	+	Variable	=	20
Other Bachelor's Degree or Higher	14	+	3 or more	+	Variable	=	20
Associate's Degree in Turf	13	+	3 or more	+	Variable	=	20
Turf Certificate/ Short Course	9	+	3 or more	+	Variable	=	20
Other Associate's Degree	8	+	5 or more	+	Variable	=	20
No Degree or Recognized Certificate	0	+	5 or more	+	Variable	=	20

A State Pesticide License or the successful completing of the GCSAA IPM Exam is required.

EXAMPLES:

- Superintendent #1: I have a Bachelor's Degree in Turf (15 points) and have been employed as a superintendent for five years (5 points). I am now qualified for Class A status without needing any additional education points. {15 + 5 + 0 = 20}*
- Superintendent #2: I have no degree (0 points); however, I have been employed as a superintendent for 10 years (10 points). To qualify for Class A status, I must now acquire a minimum of 10 education points (10 points). {0 + 10 + 10 = 20}*
- Superintendent #3: I have an Associate's Degree in Turf (13 points) and have been employed as a superintendent for two years (2 points). I must now acquire one more year as a superintendent to meet the minimum threshold of superintendent employment, then I must acquire a minimum of four education points (4 points) to become Class A. {13 + 3 + 4 = 20}*

GCSANJ MEMBERS ENJOY THE GCSAA GOLF CHAMPIONSHIPS

by Shaun Barry

It seems that each year fewer of our members take the opportunity to participate in the GCSAA Golf Championships which are always held in conjunction with the National Conference. In spite of that, our members often shake off the rust in time to compete favorably with the rest of the field.

We aren't ready to challenge at the Championship levels because that requires a game that hasn't been in hibernation all winter. We, however, once again get the chance to recognize two of our members who now can call themselves "National Champions". Those gentlemen are **Mike Brunelle** and **Tom Weinert**. They are two of our most liked and visible members so that makes it extra special. They are also members of The MET so both associations can claim them as National Champions. They took top honors in Four Ball II Net and they also were in a tie for second place in Four Ball II Gross. Wonderful playing gentlemen. Tom's great golf carried over to his play in Classic AFF Gross (T-6) and Classic AFF Net (T-4).

Here are some of the results from our other members

Four Ball II Net:
Scott Hines (formerly at Baltusrol) & **Mark Kuhns**: 10th
Cliff Moore & Lance Rogers: 17th

Four Ball II Gross:
Cliff Moore & Lance Rogers: T-25

Four Ball III Net:
Jim Devaney & Dan Kilpatrick: T 11

Four Ball III Gross:
Jim Devaney & Dan Kilpatrick: T 9

Classic IV Net:
Mike Brunelle: T- 14

Classic IV Gross
Mike Brunelle: T-9

Shamble:

Heron/ **Mark Kuhns**/ Maynard/ Ryan Oliver: 1st
Jeremy Batz/Cliff Moore/ Tyler Otero/ Lance Rogers: T-4

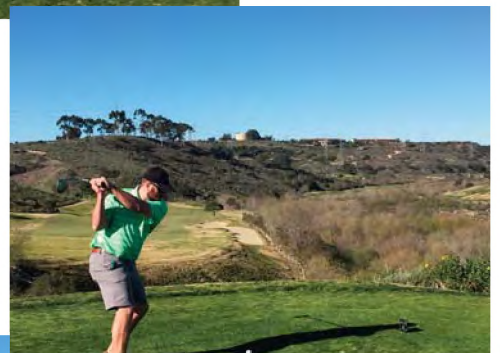
Jim Devaney/ Dan Kilpatrick/ Komer/ Nykorchuck: T18

Congratulations to these gentlemen and to all of those who played and didn't make this article. You will have another chance next year in Orlando and I hope more of us can take advantage of this opportunity to meet people from all over the world and make friendships that will last forever.

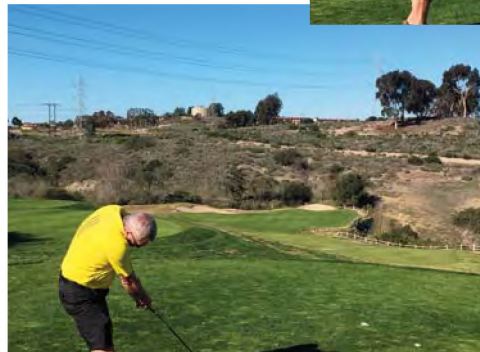
GCSAA GOLF CHAMPIONSHIPS.. NEW JERSEY MEMBERS SHINE!



Cliff Moore



Jeremy Batz



Lance Rogers

From Your Exec Director

Cece Peabody, M.A.T., C.M.P., Executive Director

Things Really Amazing Employees Do And How Employers Can Recognize and Reward Them

from Inc, Kevin Daum



(1) **They enthusiastically learn all aspects of the job.** They learn other jobs areas like finance and management. *What can you do? Send them to seminars in business basics like accounting and management to help them learn and grow.*

(2) **They resolve issues before they are issues.** They are always looking to improve systems proactively and do even when you don't know there is a need to do so. *What can you do? Communicate a clear written vision of where you're going and encourage initiative so employees feel empowered to make change.*

(3) **They tell it like it is.** Amazing employees understand that hiding bad news helps no one. They find kind ways to bring uncomfortable information to the surface, but they DO bring it. They tell people what's necessary before major damage is done. *What can you do? Foster open communication where employees are given permission to tell the truth but absolutely required to.*

(4) **Demonstrate high standards, with low maintenance.** Trust an employee will perform a task to the same high standards you would, without constant attention. *What can you do? Set the example and the tone for high performance with minimal drama. Publicly reward those who can execute in the same manner.*

(5) **Grow employees and others.** Employees drive their own career and inspire others to do the same. They lead by example without creating animosity or resentment. *What can you do? Encourage personal development and peer growth through dedicated group time and learning for career advancement.*

(6) **Stimulate Happiness.** Amazing employees aren't always sunshine and roses. They do know to keep it real. But they understand the dynamics of people, stress, and the blend of work, life and friendship. They are self-aware and able to direct their own path that brings out their best with family, friends and career. They exude positive energy even in stressful times and share it around, making for a happier workplace. *What can you do? Create an environment where employees can openly express themselves. Encourage them to work hard in fulfilling ways and achieve their dreams.*

(7) **Facilitate Amazing Bosses.** Amazing employees make bosses grow. Employees confidently get their value and help bosses get theirs. *What can you do? Make the effort to genuinely show appreciation for any of the above behaviors so people will grow to their full potential. Then they will do the same for you.*

2016 C A L E N D A R

More Events are being finalized.

Check calendar for updates and signup info.

Thursday, April 21

War at the Shore

Scotland Run Golf Club
Williamstown, NJ

Monday, May 2

Rutgers Turfgrass Golf Classic

Fiddler's Elbow Country Club
Far Hills, NJ

Monday, May 23

Golf Event

Brooklake Country Club
Florham Park, NJ

Wednesday, July 6

Nine and Dine

Skyway Golf Course
Jersey City, NJ

Tuesday, August 2

Rutgers Research Field Day - Golf/Fine Turf

Hort Farm 2
North Brunswick, NJ

Thursday, August 11

District 3
Toms River Country Club
Toms River, NJ

Sunday, August 21

Summer Social
Monmouth Park
Oceanport, NJ

Tuesday, October 4

GCSANJ Foundation Shootout
Mountain Ridge Country Club
West Caldwell, NJ

**MORE DATES BEING RESERVED!
CHECK THE WEBSITE...**



Bill Murray keeps denying that he has anything to do with the Christmas Party but somehow he always seems to be the individual who secures the location, selects the menu, collects the

toys and runs registration. Sounds like he might be the person who is running the day, but I will keep letting him pass off the accolades to others. He is correct that there are many people helping out. I saw **Mark Kuhns** CGCS ripping and selling 50/50 tickets and he was helped by **Dave Mishkin** and **Ken Kubik**. A nice committee I would say.

Our entertainment was first class. **Vince Giunco** seems to qualify as a "Renaissance Man" because he is not only a top sales rep for Vic Gerard Golf Cars and a golf professional, he is also a wonderful entertainer. He picked up a friend to play the keyboard, and Vic played the guitar and sang beautifully. This was his donation to the association and his selection of music seemed to appeal to everyone.

As everyone entered the room they donated a toy. The toys would end up under some Christmas tree somewhere because Bill was taking them to Toys 4 Tots. At the end of the party, Bill needed lots of help getting everything into his vehicle. There is always something special about helping children at Christmas.

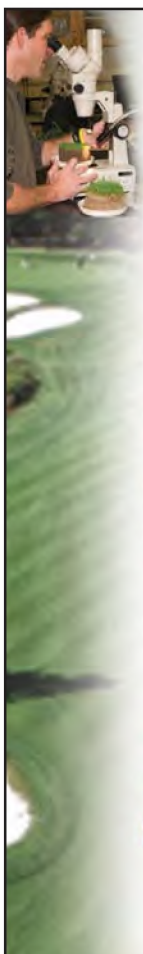
GCSANJ'S ANNUAL CHRISTMAS PARTY REVIEW

We had our largest number of attendees with 50 people making an appearance. I was excited to see **Gene and Jean Mack**. Gene retired years ago but this beautiful couple make the effort to get to the

party and say hello. **Jim & Tina Cadott** and **Tyler & Meredith Otero** represented the GCSANJ BODs while **Ron & Karen Luepke** and **Glenn & Diane Miller** were there because this is a fun time.

It is a really nice time to take a break and just enjoy good food and friends while helping make Christmas better for some children in need.

PICTURES ON PAGE 21



The Rutgers Plant Diagnostic Lab

The Plant Diagnostic Laboratory provides accurate and timely diagnoses of plant problems.

Below is a sample of services performed:

- ▶ Disease and Insect Pest Diagnosis
- ▶ Plant and Weed Identification
- ▶ Insect Identification
- ▶ Fungus and Mold Identification
- ▶ Nematode Assays
- ▶ Screening for Neotyphodium Endophytes
- ▶ Fungicide Resistance Screening
- ▶ Other Services Available by Contract

For more information please call us at 732/932-9140 or visit the web for sample submission instructions and forms at:
www.rcrc.rutgers.edu/plantdiagnosticlab.






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The Rutgers Soil Testing Laboratory performs chemical and mechanical analyses of soils.

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- Level 2** Problem Solver (soil/plant suitability test)
- Level 3** Topsoil Evaluation

Greenhouse

Saturated (Organic) Media Extract Analysis: Nutrients, pH, electrical conductivity, inorganic nitrogen

Sport Turf

- Level 1** Fertility Test: Nutrients, pH, recommendations
- Level 2** Complete Test: Nutrients, pH, estimated CEC & cation saturation, soluble salt level, organic matter* content, soil textural class
- Level 3** Sand Root Zone Test

*Organic matter content would be determined by loss-on-ignition for golf course greens, as described by USGA guidelines.

For more information please call us at 732/932-9295, or visit us on the web at:
www.rcrc.rutgers.edu/soiltestinglab.

www.rcrc.rutgers.edu/services

Dr. Bruce Clarke Receives 2016 USGA Green Section Award

Article from USGA website, November 25, 2015, written by Steve Boyle

Honoring his more than 30 years of leadership and research, the United States Golf Association has named **Dr. Bruce Clarke**, of Rutgers University, as the recipient of the 2016 USGA Green Section Award. Presented annually since 1961, the USGA Green Section Award recognizes an individual's distinguished service to the game of golf through his or her work with turfgrass.

Clarke, of Iselin, N.J., is an extension specialist of turfgrass pathology in the department of plant biology and pathology at Rutgers, and is the director of the Rutgers Center for Turfgrass Science. Clarke has authored or co-authored 75 refereed journal articles and more than 200 industry publications, and he has edited three books, including the second and third editions of the *Compendium of Turfgrass Diseases*. He is also a frequent contributor at turfgrass conferences throughout the world.

Clarke's research and extension programs focus on the cause and control of turfgrass diseases and integrated pest management strategies to reduce fungicide use. Clarke's work with the biology and control of summer patch and anthracnose, and his introduction of effective cultural management and fungicides are cited as some of the most important achievements affecting the playing conditions of golf courses worldwide.

"While the efforts of scientists throughout the country advance turfgrass research and help provide golf with exceptional playing conditions, Dr. Clarke goes much further," said **Dr. Kimberly Erusha**, managing director of the USGA Green Section. "He combines the qualities of an exceptional researcher with selfless dedication to outreach and outstanding commitment. His leadership at Rutgers University has motivated a team of scientists across all disciplines and resulted in a program that is improving turfgrass conditions around the globe."

Pictures from Awards Dinner on page 18



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ARCHITECT'S

“Of the different bunker liners - bunker blanket, better billy bunker, matrix bunker, capillary concrete, klingstone, sod bottom then roundup - please give comments on each of the ones you have worked with.”

A. John Harvey, ASGCA, ASLA:

The use of liners is becoming more and more of an acceptable part of the landscape of golf. Their main purpose for incorporation into bunker floors during the design and construction of new or renovated bunkers is to help safeguard bunker sand from erosion, washouts, freeze/thaw cycles, and contamination from subsoils. There are a variety of products on the market today, each with different installation requirements, methodology, porosity and price points. Regardless of the material selected, it is vital that bunker maintenance protocol includes a rigorous schedule of monitoring and maintenance of the depth of sand, especially with greenside bunkers and practice bunkers. The use of trap rakes with aggressive rake attachments should be avoided. Generally, hand raking is the desired method of maintenance of these sand areas once liners have been installed, especially if the desired depth of sand is less than 6”.

Since the use of liners have become more and more acceptable in the golf industry during the past 8-12 years, I have been involved at various public and private golf courses using a variety of liners here in the northeast and have a few thoughts to share that may offer some insight. Typically, the only time a client has decided not to use liners was due to budgetary constraints. I recall on two occasions, later on down the road they regretted not making the upfront investment to have them installed during course renovations due to premature deterioration of the sand.

1) Fabric Liners (SandMat, Sand Trapper, SanddaMTM, etc.)

Fabric liners were one of the first bunker liners introduced to the golf industry. Essentially, they are a

1/4” - 1” non-woven geotextile material attached to the prepared substrate by the use of metal or plastic sod staples after drainage has been installed and bunker floor has been properly plate compacted. The overlapped seems and heads of the staples are then glued to secure the liner material with Liquid NailsR. While under the proper management, these liners can perform rather well, but I have on occasion seen sod staples pushed up from the liner due to winter freeze/thaw cycles and fabric dug up by burrowing animals. They are also susceptible to mechanical trap rakes pulling-up portions of the fabric. Some companies offer a limited manufacturer’s product warranty.

2) Better Billy BunkerTM

This liner method is achieved by having a certified installer undercut bunker floors and apply a uniform 2” layer of specified gravel, typically 1/4” or 3/8” washed gravel on the prepared and compacted bunker floor and then having the gravel surface hand sprayed from a drum and pump set-up using a proprietary liquid polymer. After the material has properly cured for at least 24-hours to a semi-ridged/flexible state, new bunker sand can be installed. In my experience, Better Billy Bunker is a satisfactory liner product and provides an effective slope and subsoil barrier material that drains well and protects the integrity of the bunker sand. The company offers a warranty for their product.

3) Capillary Concrete

This liner company provides their clients with field support, logistics and specifications in coordination with the golf course architect, owner and local cement company to batch mix their liquid polymer material with 1/4” or 3/8” washed gravel all combined in a homogenous slurry at the plant and delivered to the site. As with BBB, Capillary Concrete bunkers require that bunker floors are undercut by the Golf Contractor to account for the 2” uniform layer of liner material being installed over the drained and compacted bunker floors. This liner application is another very effective product that drains well and offers material flexible enough to combat freeze/thaw cycles while protecting the sand. Capillary Concrete also offers a warranty through Lloyds of London.

continued on page 13

ARCHITECT'S € Ø R N E R

4) Klingstone

Klingstone is a spray-on polymer liner material that is applied directly onto the compacted bunker floor soil. Once it has cured, it provides an inert plastic barrier that provides similar benefits listed in with the prior applications. Personally, I have only experienced the use of this product only as a demo in one bunker during construction of a new golf course and after a winter or two; it was reported by the superintendent to have only limited results.

5) Sod or Liners

Locally, I was recently involved with a bunker renovation project where this bunker lining technique was used. It has the support of a number of industry leaders as a viable “organic” way to create a barrier to protect the integrity of bunker sand. It seems like an interesting alternative to other liners, where in lieu of fabric or gravel acting as the barrier between the substrate and the sand, the root structure or thatch mass acts as the liner. Once the drainage has been installed, while it seems counterintuitive, sod is placed on the bunker floor, grown-in until proper root development is achieved and locked-in, then the sod is sprayed with a non-selective herbicide and killed prior to sand installation. I understand that after 3 years, this liner is performing rather well.

6) Matrix Bunker Liner

While I have not specified this type of liner on one of our projects, I understand it is a porous asphalt based liner product that is applied in a 2” layer on the bunker floor and slightly cheaper per SF than BBB or CC.

I recently attended the New England Regional Turfgrass Conference and Trade Show in Providence, RI where Adam Moeller – Agronomist with the USGA Green Section’s Northeast Region, gave a wonderful presentation on “Sand Bunker Construction Systems and Methods” on March 1, 2016. During his presentation, he highlighted these bunker liner systems and many others concerning, tips for success, key advantages, challenges and installation costs. I know Adam would be willing to share his presentation and answer any questions you may have about the subject. I would also be happy to lend further assistance as well.

While the “jury” is still out as to how long liners last, pros and cons of each system and their ultimate value and effectiveness; as you could imagine, there are many variables at play here. However, it is important to do your research and due diligence. Solicit your fellow superintendents, vendors, liner companies, your golf course architect and the USGA for their advice and experience using bunker liner products to help shed some light on the process, given your specific application.

I view bunker liners as an insurance policy to protect the longevity of bunker sand. Certainly they require an extra line item with budgeting for bunker renovations, but liners help minimize washouts, prevent soil contamination with neighboring soil and gravel and have been shown to reduce maintenance costs.

**If you have a question you’d like us to ask the architects,
send an email with the question: execdirector@gcsanj.org**

ARCHITECT'S € Ø R N E R

“Of the different bunker liners - bunker blanket, better billy bunker, matrix bunker, capillary concrete, klingstone, sod bottom then roundup - please give comments on each of the ones you have worked with.”

Stephen Kay, ASGCA, ASLA:

First to review why have so many clubs installed or should install a bunker liner. The main reason for all of these two products is twofold: one is to minimize shoveling the bunker sand after a wash-out; but if it does rain an unbelievable amount, say 2 inches in 30 minutes, and the bunker sand does wash down, the sand would be clean and not polluted with the sub-soil. I have experience with most but not all of the products on the market, but I have investigated all of them, so I could talk about them in my construction class at Rutgers.

Bunker Blanket - This was the first artificial product on the market and was first used and discovered in 1999 when Tim Christ starting using them at Hamilton Farms. - it was first used for steep banks on highway projects; Tim tried it, liked it and then his wife sold it calling it 'Bunker-Wol'. Many companies then sold a similar project under many names; the two main brands I have used are 'Sand Trapper' and 'Sand-daM'. The key to their use is gluing all of the seams with liquid nail as well as using the frost heaves plastic spikes and gluing each spike. Bunker blanket definitely minimizes erosion and keeps the sand clean but many superintendents complain about the staples/spikes and blanket becoming exposed. If I spoke to 10 superintendents who have it - five love it and would keep using it, while the other five would not. The five that would not generally are clubs that are either very busy with a tremendous amount of golfers like Douglaston golf course in Queens, NYC that gets over 60,000 rounds a year or Club that has a very small maintenance crew. The key to Bunker Blanket is having 4" inches of bunker sand and not letting the bunker sand get shallow, and if the blanket or staples gets exposed it has to be fixed that day, do not wait. (Approximate cost for material and labor \$1.00 to \$1.30 per s.f.)

Bunker Blanket Installation. Key is gluing seams and staples.



Better Billy Bunker - has two inches of angular pea gravel over the entire bottom of a bunker which is then sprayed with a polymer (that binds the pea gravel together yet allows for rapid drainage). If you asked me about this two or three years ago my answer would have been 'the jury is still out - I want to see how it does after a couple of hard winters'. However after four winters, two of them being real winters in our area, the Better Billy Bunker has proved to work (such as Winged Foot). Matt Willigan and I are currently using the BBB on the Meadow Course at Fiddlers Elbow on holes #1 thru 5, while on holes #6 thru 9 we used two years ago bunker blanket (Sand Trapper). When you're at the Rutgers Turfgrass Research Golf Classic on May 2 you could take a look at both. Note: With BBB you need to hire an authorized company to spray the gravel. (Approximate cost for material and labor \$2.00 to \$2.25 per s.f.)



Better Billy Bunker -

**1st Hole at Fiddler's Elbow
Left:
Just Drain Line**

Better Billy Bunker

**First Hole at Fiddler's Elbow.
Right:
2" Angular pea gravel**



ARCHITECT'S € Ø R N E R

Matrix Bunker (permeable asphalt) originally called the Monkey Bunker was patented by Dan Meersman Director of Grounds for the Philadelphia Cricket Club who is now partners with David Mitchell. It has been installed at Philadelphia Cricket Club and at Merion as well as several others. In 2009 on the 14th hole, we installed the original Monkey Bunker in one bunker on the 14th hole at Doylestown north of Philly while we installed bunker blanket on the other four bunkers. It did just as good a job as the Bunker Blanket in minimizing erosion washouts; however after three years, it appeared that the asphalt was slowing up a little bit in its drainage. Once Dave Mitchell became partners, the spec of the permeable asphalt changed to improve its percolation rate. The permeable asphalt (2.5 inches) is placed right on top of the sub-base soil and lightly tamped in (not rolled with a one-ton roller, just hand tamped). I spoke to Matt Shafer at Merion last week and he said he has had the Matrix Liner for four years and loves it. He had had bunker blankets, they worked but he had problems with the fabric becoming exposed. Somerset Hill is also installing Matrix Liner and my designed bunkers at Scotland Run had the matrix liner installed last year. (see photo below) (Approximate cost for material and labor \$ 1.35 to \$ 1.95 per s.f.)

Bunker Solutions - is a patented idea from a golf course superintendent from Texas, which uses synthetic turf (white astro-turf). It also includes a geo-textile fabric and an impermeable ditch liner that is installed on the vertical bunker edge and down into the drainage trench. I have installed this in one bunker at Plantation G & CC in Venice Florida where it as worked very well. I personally like the idea of a white astro-turf under the sand so that if it does become exposed, I do not think the golfer would object that much. (Approximate cost for material and labor \$2.50 to \$3.00 per s.f.)



Top:
White Astro turf

Bottom:
Installation at
Plantation G &
CC, Venice
Florida



Scotland Run -

Permeable
asphalt
being
installed
on 17th
hole



Asphalt
ready to
be hand
tamped on
3rd hole



Sod Under Sand - this method is used mainly in the Pacific Northwest (State of Washington and Oregon) as well as to some degree in the Buffalo NY area. Sod is placed and allowed to root in the bottom of the bunker, after it is rooted the superintendent would spray Round-up to kill the sod and then place bunker sand. This method was first written about way back in the 1980's in Grounds Maintenance magazine. I was involved in trying it in three bunkers at a golf course. The superintendent first loved it saying it minimized much erosion during heavy rains, but then five years later after a very very heavy rain when the sand did wash down, said it was as if he had put 1" of peat moss under the bunker sand and that is was a mess.

Continued on page 20

SUPPORT THE RUTGERS TURFGRASS GOLF CLASSIC AND MAKE A DIFFERENCE

by Shaun Barry

You have read about how the Rutgers Turfgrass Classic is the largest and most successful (over 1.5 million dollars raised in 21 years) one day turfgrass fundraiser in the world. That has been true for many years and with your support that will continue for many years to come. The key element is your support. The "your" that I am addressing is you and anyone who is in the turfgrass industry especially any golf course superintendent. This request is for everyone who has a connection to the lawn care industry, landscaping, sports and fine turf, sod,



cemeteries, trees and ornamentals but most of the work done at Rutgers applies to your issues on the course. You know that what they do is not just helping NJ golf courses. Their sphere of influence is worldwide. Rutgers is not the only university doing great work but for most of us this is the easiest way to support turfgrass research while being an active participant in their fundraiser. If you can help that would be wonderful. I just want to make sure you know that your support is needed and The Center For Turfgrass Science will continue their work because of that support.

Supporting the Rutgers Turfgrass Research Classic is a very easy and fun process. *Doctors Clarke, Meyer, Murphy, Huang, Bonos, Koppenhofer* and many of the other scientists at Rutgers will be in attendance. They are there to interact with you and get to know you and to answer any questions that you have. Some will do exactly what 326 people did last year and that

is to eat breakfast, have lunch on the course while playing golf, enjoy an extended cocktail hour, bid and win prizes at the Silent Auction and just interact with hundreds of your fellow turfgrass professionals. It is a unique experience and one not to be missed if possible.

If any of this appeals to you, please make the effort to help by contacting *Cece Peabody*. Cece is the Executive Director of the GCSANJ and the NJTA. She and her staff will be happy to answer any questions and mail or e-mail you an application. She can be reached at cpeabody@peabody-adv.com. We have several ways to support the event. Sponsors range from Premier Sponsors, Eagle Sponsors, Birdie Sponsors, Par Sponsors, Grand Reception Sponsor (already reserved), Lunch Sponsor, Hole Sponsors along with teams of golfers to individual golfers. If you want to help, we will make it happen.

I know that I speak for everyone at the Rutgers Center For Turfgrass Center when I say, I hope to see you there at Fiddler's Elbow on May 2, 2016.

***Download a registration
and sponsor form
on the NJTA website:
www.njturfgrass.org***

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Dr. Clarke's Award...

continued from page 10



Ed Walsh Award Given to Tom Grimaldi

A surprised **Tom Grimaldi** was awarded the Ed Walsh Award at our 2015 Championship. This award was for the 2014 season but since Tom was unable to be at any meeting after the winner was decided, the presentation had to be delayed until this meeting. The award is named after long-time GCSANJ member Ed Walsh CGCS, whose passion for writing inspired him to be the editor of the *Greenerside* for many years in addition to being GCSANJ President from 1987-88.



Tom Grimaldi, Left • Gary Arlio, Right

Each year the communications committee is asked to review all of the superintendent written articles and then choose which article was the best written. It is not judged solely on the topic so non-technical articles have as good a chance as technical articles to win.

Once a member has won the award they are automatically included into the group who can choose our winner for the succeeding years.

Todd Raisch won the 2013 Ed Walsh Award and he had a 2014 article that qualified for consideration but he recused himself from judging. The committee takes this award seriously and they look forward to seeing many more articles to consider in 2016.

Judging for 2015 will happen soon and I am sure another quality article will be chosen.

RUTGERS TURF BOWL TEAM PLACES 9TH IN COUNTRY AT GOLF INDUSTRY SHOW

Ninth Place Team Members were: Elizabeth Holmes, Katherine Wickel, James Surico, and EMily Braithwaite.

Rutgers University Students pictured below (left to right): James Surico, Milan Martin, Katherine Wickel [Vice President, Rutgers Turf Club], Elizabeth Holmes [President, Rutgers Turf Club], Emily Braithwaite, and Brad Park [Advisor, Rutgers Turf Club].





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ARCHITECT'S € Ø R N E R

Article continued from page 15

However, I have spoken to a Canadian golf course architect and Joel Kachmarek, GCS, at Tacoma C&GC in the State of Washington. They said they have been doing it for years without any problems. A concern is that the sod needs to root in well, so bunker construction would have to be in the fall and spring and not in the winter time so the sod can root-in, whereas with the other methods you can do the work in the winter. This is the least expensive of the methods. (Approximate cost for material and labor \$.60 to \$.85 per s.f.)



Photos (Above and below) courtesy of Joel Kachmarek, GCS - Sod under bunker - to be sprayed with Round-Up then add bunker sand.



Ecobunker - is recycled astro-turf that is used for the bunker edge (think revetted bunker - see photo below of bunker at Mosholu GC) and could also be astro turf under a bunker. The recycled astro-turf for the edges comes in 9" x 18" pieces (see photo).

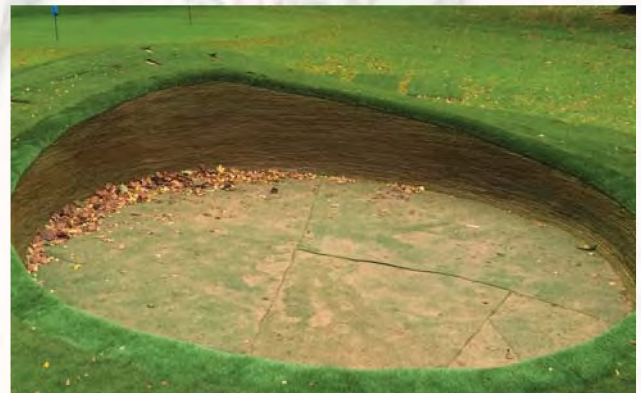
(Approximate cost for material and labor for the revetted edge is \$5 to \$10 per s.f. and for the bottom of the bunker under the sand \$ 2.00 to \$ 3.00 per s.f.)



Above & Below: Mosholu GC in the Bronx - 9th Hole installing Ecobunker to create revetted bunker



Below: Recycled Astro-turf used for revetted edge and bottom of bunker at practice area (golf course in England)





**Pictures
from
Christmas
Party at
Bar A**



Above: Mark Kuhns, Ken
& Keith Kubik sell 50/50
tickets.

Right: Tyler & Merideth
Otero are stylish in red



Above: Gene and Jean
Mack

Below: Ron and Karen
Luepke



Above: Glenn & Diane Miller

Right: Tina & Jim Cadott

Below: Keith Kubik, Lance Rogers,
Ken Kubik, Kim Rogers



Vince
Guinco
entertained
everyone at
the party.



Below: Bill Murray celebrates the generosity of members who contributed to help children





GCSAA Field Staff, Kevin Doyle Shares GCSAA Resources & Info

Hopefully at this time of year you recently have enjoyed some much needed time off, followed by a stretch of workload that falls well below the typical summer stress line. The nature of this profession allows us to build a seasonal quality of life that often leads to a matching imbalance. Experienced superintendents and industry workers have developed a network of supporters and a system of routines to deal with the nature of the job. How did you accomplish those tasks? If you are like me when I was new to the industry, you worked hard for a very long time to adjust, and those closest to you, friends and family, needed to adjust with you to strike that balance. What about your new employees, who is assisting them to find a balance? What steps are being taken to at your facility to help employees be as successful outside of the workplace as they are within?

There are often similar steps taken to acclimate new employees into the team at your facility. Training and encouragement bolstered by proper compensation and benefits are basic tools to get the process moving. Recognition and empowerment by you and staff can increase the likelihood of a new employee succeeding as part of a team within the workplace. What steps are taken to help with the work-life balance beyond the out-of-bounds stakes?

I continue to hear of younger, talented professionals moving out of the industry to different careers. While lack of upward job mobility may well be a reason, don't overlook the difficulty of work-life balance. Traits of the younger generations do little to mirror the needs and historical workload of our industry. How would you describe the hours you put in at the course when you began? Would all day-every day be accurate? Time and flexibility are a priority to the employees entering our industry. As much as we value our personal time and family needs, the younger generations entering the workforce most likely will have to have it. Flexibility may well be the key to making that happen. Working sun-up to sun-down is more indicative of a superintendent's passion than a profession. Developing the golf industry as a passion may not happen in the first week, month or year. By then, the work-life balance may well be out of whack. Do you make it clear what the expectations are when they begin? Your recognition of their needs, and their

understanding of your expectations should be on the table at the start. Can you be creative enough in scheduling for a promising young turf talent to thrive and attain that passion that drives us all?

Leadership and motivation are important tools of successful superintendents, and understanding generational traits of employees can assist with their use. Encouraging employees to be creative, empowering them to utilize their talents, and respecting them as people will go a long way towards their inclusion as a team member. Just knowing that what they value most could be the one thing that creates success for a new hire. While personal time might be the hardest item to provide, it may just end up being the most critical to your people.

GCM's Most Valuable Technician Award

Does your turf equipment technician deserve a day in the sun, a tip-of-the-cap for all the hard work and the vital behind-the-scenes role they play in the success of your golf facility? If so, he or she is eligible for GCM's Most Valuable Technician (MVT) awards program, presented in partnership with Foley United. To learn more and nominate your tech visit the GSAA website.

GCSAA 2016 Member Engagement Opportunities

Want to volunteer at the GCSAA level? It is not too late yet! GCSAA is encouraging those interested in 2016 committee/task group service to apply. Contact Kevin Doyle to find out how.

Upcoming FREE webcasts:

Apr. 5: Think Preventative when Planning Your Fairy Ring Program
Apr. 14: ADA Practical Practices and Growing the Game
Apr. 20: Waste Risks Solutions and Opportunities - Equipment Management Series

Again, if I can be of any assistance, please feel free to contact me.

Kevin Doyle
GCSAA Field Staff

kdoyle@gcsaa.org

Follow me on Twitter [@GCSAA_NE](https://twitter.com/GCSAA_NE)

Thanks to the Courses who Donated for 2016 Rounds for Research

At print time, the following golf courses donated rounds for the benefit of EIFG and the GCSANJ Foundation. Others may have come in after this list went to print, and we thank those who may not have made this list.

Alpine Country Club	Demarest, NJ
Ash Brook Golf Course	Scotch Plains, NJ
Bala Golf Club	Philadelphia, PA
Bey Lea Golf Course	Toms River, NJ
Ballyowen Golf Course	Hamburg, NJ
Black Oak Golf Club	Long Valley, NJ
Brooklake Country Club	Florham Park, NJ
Cranbury Golf Club	West Windsor, NJ
Crystal Springs Golf Club	Hamburg, NJ
Farmstead Golf & Country Club	Lafayette, NJ
Flanders Valley Golf Course	Flanders, NJ
Galloping Hill Golf Course	Kenilworth, NJ
Indian Spring Country Club	Marlton, NJ
Newton Country Club	Newton, NJ
New Jersey National Golf Club	Basking Ridge, NJ
Pebble Creek Golf Club	Colts Neck, NJ
Preakness Hills Country Club	Wayne, NJ
Raritan Valley Country Club	Bridgewater, NJ
Roxiticus Golf Club	Mendham, NJ
Royce Brook Golf Club	Hillsborough, NJ
Silver Lake Golf Course	Staten Island, NY
Somerset Hills Country Club	Bernardsville, NJ
The Ridge at Back Brook	Ringoes, NJ
TPC Jasna Polana	Princeton, NJ
Trump National Golf Club - Colts Neck	Colts Neck, NJ

How Fit Are You? A Fitness Test for Adults

by Beth W. Orenstein, from *EverydayHealth.com*

Simple Fitness Tests -- most of which you can do at home -- will clue you in to your heart strength, balance, and flexibility and give you a blueprint for improvement.

You owe it to yourself to make fitness a priority. Physical fitness can help prevent more than 40 chronic diseases including potential killers such as diabetes, heart disease, obesity, hypertension, and even cancer.

But how do you know whether you're fit? Your overall fitness is a measure of four physical abilities -- endurance, strength, balance, and flexibility -- and body composition or body mass index (BMI). BMI tracks height and weight only while a body composition test, which calculates your fat and lean muscle mass, is an excellent indicator of overall-fitness. For a more hands-on approach, try these personal trainer-approved fitness tests to see how you stack up.

Endurance and Cardiovascular Tests

Your endurance level reflects the health of your cardiovascular system -- your heart, lungs, and circulatory system.

The VO2 Max Test: When you exercise intensely, you'll eventually reach a point when your body cannot breathe any harder to keep up. That's your VO2 max -- the milliliters of oxygen used in one minute per kilogram of body weight (ml/kg/min). The more oxygen that circulates throughout your body when you exercise, the fitter you are. This is a test endurance exercisers might want to determine how much oxygen they use during intense workouts, says Maro Serban, co-founder of the LA Training Room in Los Angeles and trainer of *Dancing With the Stars* contestants. Because the VO2 max test requires a special face mask and other equipment, it has to be administered by a professional, usually an exercise scientist or physiologist.

Continued on page 28

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How Fit Are You? A Fitness Test for Adults

Continued from page 24

Talk to your doctor about your heart health before pursuing a test.

The Step Test: A simpler way to test your cardiovascular strength is the step test, says Mark Reifkind, owner of Giry Russian Kettlebells in Palo Alto, California. To perform the test, you need a 12-inch-high step and someone to time you. Step on the block with your right foot and then with your left foot so that you're standing on the step, facing forward. Reverse, going down with your right foot and then your left. Repeat this process at a consistent pace for three minutes. Rest in a chair for one minute. Then, take your pulse for six seconds and multiply that number by 10 to determine your heart rate for one minute.

The results will vary depending on your age and gender. For men ages 18 to 25, a 60-second pulse rate between 85 and 100 is average to above average; 84 or less is good to excellent, while 101 or higher is fair to poor. For men 46 to 55, a pulse rate of 93 or lower is good to excellent, while 113 or higher is fair to poor.

For women ages 18 to 25, a 60-second pulse rate between 94 and 110 is average to above average; 93 or lower is good to excellent, while 111 or higher is fair to poor. For women ages 46 to 55, a pulse rate of 101 or less is good to excellent, while 125 or higher is fair to poor.

How to improve endurance: Get regular aerobic exercise. Try brisk walking, swimming, jogging, biking, climbing stairs or hills, or playing an active team sport, such as tennis or basketball.

Balance Test

Balance is a key ability for overall health as you age, and this simple test will help you determine where you stand.

The One-Legged Balance Test: Take off your

shoes and stand on a hard surface. Ask someone to time you. Close your eyes and lift one foot about six inches from the floor. Bend your knee and place your foot against the leg you're standing on (if you're right-handed, lift your left foot; if you're left-handed, lift your right foot). See how long you can hold this position.

Do the test three times and average your times. You should be able to hold your balance for 30 seconds or more if you're 30 or younger. As you get older, it's normal for your time to go down. "If you're over 65, I'd be happy with you being able to hold it for five seconds," Serban says.

How to improve balance: Practice standing on one foot or walking heel-to-toe. Yoga and tai chi can also improve balance.

Flexibility Test

This simple test measures your flexibility.

The Sit-and-Reach Test: Start by stretching your legs: Lie on your back and lift your right leg toward your chest and hold for 10 to 30 seconds. You can grab your thigh to get your leg closer to your chest. Repeat with your other leg. Then stretch your trunk: Sit up and stretch your legs in front of you; bend your left leg at the knee so that your foot touches your right thigh, and then run your hands down your outstretched leg. Repeat on the other side. After a couple of stretches, take a brisk walk for one to three minutes.

Place a yardstick on the floor. With a piece of masking tape, mark the 15-inch spot. Sit on the floor with the yardstick between your legs. Your legs should extend straight with your toes pointing toward the ceiling and your heels at the 14-inch line mark, with your feet about a foot apart. Reach forward with both hands along the stick and see how far along it your fingertips reach. Repeat three times with five seconds of rest between each stretch. Write down the longest measurement. (The goal is to reach your heels.)

continued on page 30

SUPER ASSISTANT!

Tom Kennedy

Assistant Superintendent, Old Course
Trump National Golf Club - Bedminster

I'm 29 years old and I grew up in Churchville, PA. Currently, I live with my girlfriend, Jenn, in New Hope, PA. I have 2 dogs, a 4-year old pitbull/boxer and a 3-year old yorkie/wheaten terrier. I love the Dallas Cowboys. When I'm not working I enjoy playing golf, spending time with family and friends, and watching cooking shows (guilty pleasure). My favorite golf course (other than TNGC) is Merion Golf Club.



I attended Shippensburg University and received a BSBA in Finance in May 2009. I worked at Trenton Country Club during the summers of my college years.

Tom Tuttle, the Superintendent at TCC at that time, encouraged me to explore turf management as a career. By August 2009 I was enrolled in Rutgers 2-year Professional Golf Turf Management Program. In April 2010, after my first year of the program, I began an internship at Merion Golf Club. I completed the program in December 2010 and graduated with High Honors.

I was an Assistant Superintendent at TCC from January 2011 to October 2014. Currently, I'm the Assistant Superintendent on the Old Course of Trump National Golf Club-Bedminster. I feel very lucky to be here and I look forward to going to work every morning.

Tom Tuttle set me out on this career path, and through the years he has continued to present me with opportunities for professional growth. I consider Tom to be my greatest mentor. Thank you for everything, Tom.



My goal is to continue to grow without limitations. I aspire to be a Golf Course Superintendent at a top 100 course. Most importantly I want to have a positive impact on the lives of my employees and colleagues. Who knows, maybe one of them will be thanking me one day.

How Fit Are You?

Continued from page 28

How to improve flexibility: Begin a regular program of stretching exercises that involve most of your joints. Include shoulder and upper arm stretches and calf stretches. Yoga and tai chi are also good for improving flexibility.

Strength Test

Muscular strength is the key to being able to stay active.

The Sit-Up Test: Lie down on the floor and have someone time you. Count how many sit-ups you can do in 60 seconds. This drill will give you an idea of your core strength -- the strength of your abdominal and hip flexor muscles.

Results will vary depending on your age and gender. The younger you are, the more you should be able to do.

For men ages 18 to 25, any number over 49 is excellent; 35 to 38 is average. For men over 65, any number over 28 is excellent; 15 to 18 is average.

For women ages 18 to 25, any number over 43 is excellent; 29 to 32 is average. For women over 65, 23 is excellent, and 11 to 13 is average.

How to improve strength: Start a weight-training program with free weights or weight machines. Target the major muscle groups, and challenge yourself by adding weight as you progress. An excellent discipline that focuses on developing core muscles is Pilates.

Moving Fitness to the Next Level

You can calculate your overall fitness score using the federal government's President's Challenge Adult Fitness Test.



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How Fit Are You?

Continued from page 30

However, keep in mind that finding out your results the first time you do these tests isn't as important as using them as a baseline and working to improve them with strength training and conditioning routines, Reifkind says. Repeat these fitness tests after a few months of conditioning to see how you've progressed.



"Think of improving your fitness level as a marathon -- a long-term building process," Serban says. "If you stick with it, you will see results."

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Class Change in Keeping with National Change

The 2016 Chapter Members Directory will be coming across your desk shortly. It will be emailed or mailed based on how you requested it.

Note that Class SM members will be changed to Class B in the directory in keeping with the 2016 Class change passed at the national conference in San Diego. This was noted by our national delegate, Bill Murray, in his report on page 5. **[The superintendent Member (SM) classification will return to Class B. This will provide a more logical listing of the professional membership classification. A, B and C (assistant superintendent).]**

Also, as many of you renewed your 2016 membership, you were in the process of ensuring your Class was consistent with GCSAA and with the NJ Chapter, and followed up by sending the office a copy of your GCSAA membership card. Please continue with that process if you have not completed it.

Per Bill Murray, 2016 is the last year where Classes will be grandfathered. All Class A and Class B members must also be a member of GCSAA. The membership committee and the office will be working together toward this goal.

Class A members are Superintendents with 3 or more years experience. Class B members are Superintendents with less than 3 years experience.

Please feel free to contact Bill Murray anytime if you have any questions.

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New Golf Rules

The Veterans Golf Association has negotiated with The Royal and Ancient Golf Club, based in St Andrews, Scotland to modify the Rules of Golf for Seniors

Rule 1.a.5

A ball sliced or hooked into the rough shall be lifted and placed on the fairway at a point equal to the distance it carried or rolled into the rough with no penalty. The senior should not be penalized for tall grass which groundskeepers failed to mow.

Rule 2.d.6 (b)

A ball hitting a tree shall be deemed not to have hit the tree. This is simply bad luck and luck has no place in a scientific game. The senior player must estimate the distance the ball would have travelled if it had not hit the tree and play the ball from there.

Rule 3.b.3(g)

There shall be no such thing as a lost ball The missing ball is on or near the course and will eventually be found and pocketed by someone else, making it a stolen ball. The player is not to compound the felony by charging himself or herself with a penalty.

Rule 4.c.7(h)

If a putt passes over a hole without dropping, it is deemed to have dropped. The law of gravity supersedes the Rules of Golf.

Rule 5.

Putts that stop close enough to the cup that they could be blown in, may be blown in. This does not apply to balls more than three inches from the hole. No one wants to make a travesty of the game.

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New Golf Rules...continued from page 33

The Veterans Golf Association has negotiated with The Royal and Ancient Golf Club, based in St Andrews, Scotland to modify the Rules of Golf for Seniors

Rule 6.a.9(k)

There is no penalty for so-called "out of bounds." If penny-pinching golf course owners bought sufficient land, this would not occur. The senior golfer deserves an apology, not a penalty.

Rule 7.g.15(z)

There is no penalty for a ball in a water hazard, as golf balls should float. Senior golfers should not be penalized for manufacturers' shortcomings.

Rule 8.k.9(s)

Advertisements claim that golf scores can be improved by purchasing new golf equipment. Since this is financially impracticable for many senior golfers, one-half stroke per hole may be subtracted for using old equipment.

Please advise all your senior friends
of these
important rule changes.



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CONGRATS

Ralph Henninger and his wife, **Desiree**, are happy to announce the birth of their second son, Gabriel (Gabe) Carl Henninger. Born February 9th at 8.5 lbs, happy and healthy, Gabe joins older brother Theodore (Teddy), who turned 3 in January.



GOLF QUOTES

After all these years, it's still embarrassing for me to play on the American golf tour. Like the time I asked my caddie for a sand wedge and he came back later with a ham on rye.

PGA Golfer Chi Chi Rodriguez

I'm not saying my golf game went bad, but if I grew tomatoes, they'd come up sliced.

Lee Trevino

The ball retriever is not long enough to get my putter out of a tree.

Tom Weiskopf

My favorite shots are practice swing and the conceded putt. The rest can never be mastered.

Lord Robertson

If you watch a game, it's fun. If you play at it, it's recreation. If you work at it, it's golf.

Bob Hope

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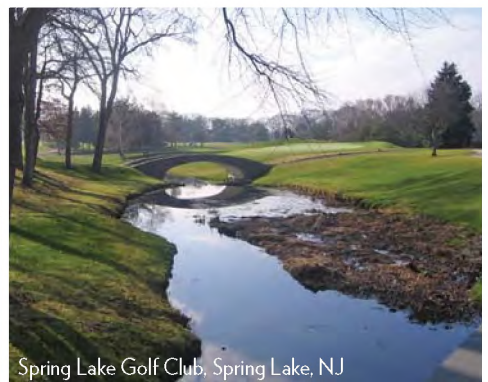
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