

## CALENDAR OF EVENTS

Mar. 7 - Equipment Managers Program Indian Hills Country Club

**April 19** - Wee One Tournament Staley Farms Golf Club

**June 12** - Footprints in Fairways Ironhorse Golf Club

July 10 - S&R Tournament Indian Hills Country Club

Aug. 22 - T-Bones Outing (Past President's Event) Community America Ball Park

**Sept. 21** - Vendor Appreciation Boulevard Beer Hall

Oct. 2017 - Employee Tournament TBD



Heart of America GCSA 638 W. 39th Street Kansas City, MO 64111 816-561-5323 www.hagcsa.org

# **Equipment Managers Program**



**Indian Hills Country Club Maintenance Building** 

## Tuesday, March 7, 2017 Schedule:

9:00 a.m. - Registration and Fellowship 9:30 a.m. - GCSAA/HAGCSA Update

10:00 a.m. - Mower Reel Issues that Cause Poor After Cut Appearance

11:30 a.m. - Lunch and Networking

12:30 a.m. - Participant Survey and Roundtable Discussion

2:00 p.m. - Conclusion

## President's Message



s we get ready for the 2017 golf season I hope everyone has taken this winter to relax, recharge and make any necessary changes to your maintenance plan for the upcoming year. I always enjoy the down time winter provides, but by the time March comes around I am ready to get back in the swing of things.

The Heart has been very busy during the past few months. The Board of Directors that you elected have been working hard, already having held three board meetings. We have speakers lined up, tournaments planned and venues booked to provide membership with personal and professional enrichment in 2017. Although the Board is looking forward to the upcoming year we also have a lot to reflect on.

We had another great Common Ground Education Conference. Thanks to Ethan Shamet and the Education Committee for putting together a great list of speakers and networking opportunities. A big thank you to all the vendors who came out and had a booth.

The New Year's Holiday Party at the Boulevard Brewery was once again a big hit! The night featured magician Todd Lamansky who left us scratching our heads along with great food, drinks and the opportunity to relax with friends. We had three very deserving award winners; Marc Szablewski, Assistant Superintendent of the Year, Sam Bailey, Superintendent of the Year and Richard Shumate, Chester Mendenhall award recipient.

The Heart had a great turnout at the January Shop Talk at Staley Farms Golf Club featuring a talk by Jerry Lemons from Better Billy Bunker and group presentation on job tasks boards. Thanks to Staley Farms for hosting.

Lastly, bowling was a perfect event to close out the winter season since it is the one event we put down the golf clubs and test our bowling skills.

The Heart is looking forward to some exciting things this year. The first is this publication which will be going to four quarterly printed publications for the Heartbeat with electronic "updates" via email in the other months. We feel the membership will get more out of the printed version and give our vendors better advertisement opportunities. The Heart is also offering Equipment Managers to become members for \$25/year. This program will provide great educational and networking opportunities to area mechanics. The first Equipment Managers Program last October was a great success and there will be more to come.

The 2017 Board of Directors is a group of enthusiastic individuals with a common goal to better the association. This is apparent at our monthly board meetings as everyone is engaged and driven to be successful! The board is working hard to provide members with great educational and networking opportunities at affordable prices.

I would like to take this opportunity to thank all of our vendors and sponsors who have signed up for the Partner Recognition Program (PRP) for 2017. Your generosity and commitment to our association is what makes everything we do possible.

Please mark your calendars for our upcoming events: Wee One Tournament at Staley Farms April 19th, Joint Meeting at Wamego Country Club May 1st and Footprints in Fairways at Ironhorse Golf Club June 12th. Whatever 2017 may bring, I wish everyone the best of luck at their facility. If you have any questions or suggestions feel free to contact me.



Andy Klein, CGCS
Falcon Ridge
Golf Course



## Special Thanks to our 2017 Partners

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#### S&R Tournament



The HAGCSA is pleased to announce that this year's Scholarship and Research Tournament will be held at Indian Hills Country Club on July 10th. Registration begins at 9:30 a.m. and players will tee off at 11 a.m. Lunch will be on the course from 11:30 a.m. to 1:00 p.m. and the auction will begin around 3:30

p.m. after golf. Format will be the same as last year - four person scramble. Our host Superintendent is Jeff White. Thank you in advance to your staff and all of the staff at IHCC for hosting and allowing our great association and sponsors to play at one of the premier clubs in the Kansas City area.

Our annual tournament is the vital revenue generator for the

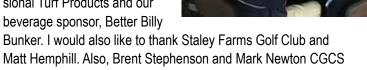
HAGCSA to distribute funds for local and national scholarships and turf research at nearby universities. This year's title sponsorship is being shared between Kansas Golf and Turf and Kansas City Turf Supply. To all of our sponsors and clubs who are considering forming teams, dedicating funds or auction items, thank you and I look forward to seeing everyone on July 10th.



Chris Benisch, Director, Deer Creek Golf Club

### Shop Talk Recap

We had a great tournout on January 31st for our annual Shop Talk. Forty-five HAGCSA members could take a day out of work and come listen to some great education and have a great lunch. I would like to thank our title sponsor, Professional Turf Products and our beverage sponsor, Better Billy







- Annual Meeting will be held at the 180 Room on November 2nd. This year we are going to be holding a lunchtime meeting catered by Joes KC.
- The Holiday Party will be held at the Foolish Club at Arrowhead Stadium on January 12, 2018.

I would like to highlight some of our new venues and events for this upcoming season:

- Past President's Event will be held again at T-Bones
   Stadium on August 22nd.
- Vendor Appreciation will be held at the Boulevard Beer Hall on September 21st.



Our next event will be the Equipment Managers Program on March 7th. I hope to see everyone at this event and make sure you sign up at every event you attend to earn an entry into the attendance contest we are doing again this year.



Matt Delventhal, Minor Park Golf Course

#### Rounds4Research

e are pleased to participate in the Rounds4Research program again this year. Please consider donating rounds for this important effort. We are excited to share that the EFIG will be partnering with The Golf Channel to promote Rounds 4 Research through their new week-long program - "Golf in America." To donate, go online to rounds4research.com. Each participating facility has the ability to place whatever restrictions they may need to on the donated rounds in regards to: rounds donated, holes per round, golfers per round, carts, meals, hotel, attire, dates and times. The website to visit for the auction in May is biddingforgood.com. Our committee would also like to ask that you help spread the word around your facility as well, whether it be through email blasts if possible or something as simple as posting a flier in your pro shop, your effort to help us make bidders aware would be greatly appreciated. If you are unable to donate rounds of golf, you can make a cash donation by calling 800-472-7878. Thank you in advance for consideration of this program that allows our chapter to further support local universities in turf research and education programs.

We would like to share some of the frequently asked questions from the Rounds4Research website.

**How does a golf facility donate?** The process to donate a round is simple. All previous donating facilities will automatically receive

a letter and pre-populated form to approve and send in their donation. New facilities can simply fill out an online or paper donor form and send to the EIFG. We will take care of the rest. We can even create the winner's certificate for you! The EIFG will keep each participating organization up-to-date on donations that have been received on a monthly basis. http://www.eifg.org/research/rounds-4-research/donate-a-round

When is the auction and how do bidders participate? The 2017 R4R auction will be held online from May 1 to 7 on BiddingforGood.com. All packages donated, along with all relevant restrictions, will be available on this site for the public to view and place bids.

How will the proceeds be distributed? Each participating organization will receive 80 percent of the proceeds (amount of sale per round, excluding any fees or surcharges) from each donation that has been designated for your organization. The EIFG retains

20 percent, plus any fees and surcharges collected, to offset programmatic costs, including expenses related to the auction platform, advertising and marketing costs, administrative overhead, and other fees associated with managing the program on a national scale.



Brent Stephenson, Staley Farms Golf Club

Thanks to those who donated last year and thanks in advance to those that are planning to donate in 2017. We will be calling all clubs that haven't donated yet to remind them of the opportunity and to

to remind them of the opportunity and to help with any questions you might have about Rounds4Research.

#### Tony's Teasers

Back by popular demand after a 5 year hiatus, here's your chance to win fabulous prizes at the end of the year Holiday Party (must be present to win!). These teasers are plays on words, phrases, joke punch lines, names, etc (most related to our profession in some warped way). Each printed edition (andy.klein@greatlifekc.net) will have a different teaser for you to solve. Simply email your answer to the editor



prior to the next printed edition and we'll throw all the winning entries into a hat for a spectacular drawing. Good Luck!

Clue: A faulty vasectomy

Hint: Know your fracs - could be a real root pruner!

Answer: \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_



New Auction Dates: May 1-7, 2017





#### Thank You Vendors

On behalf of the HAGCSA and the PRP Committee, I would like to thank all of our vendors that have contributed to our organization this year. Without your continued support we would not be able to offer great programming and events at reasonable pricing.

A special Thank You goes out to **John Deere/Van Wall** and **Professional Turf Products** for stepping up and being Platinum Partners again this year. I would also like to thank the companies that increased their support:

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S&R Tournament: July 10 at Indian Hills Country Club

## **GSCAA Update**

#### By Steve Randall, GCSAA Central Plains Regional Representative

As we move forward in 2017, GCSAA has a variety of new and updated initiatives to unveil.

## 50 by 2020 Best Management Practices Implementation

This is a key organizational initiative. The goal is to have all 50 states with a workable BMP program by 2020. GCSAA will be launching more information at the conference and show, including a template states/chapters can use to help develop and implement a BMP plan.

Various states and chapters already have this plan in place.

Working with chapters to develop a steering committee, get key stakeholders identified, enter data and produce a BMP manual are key steps to the process. Our team will be working with chapters and states every step of the way.

Why BMPs? The voluntary implementation of BMPs are important to golf course operations. Having sound policies in place are important, especially when questions of draught, use of inputs and water quality (to name a few) come into play.

#### **Recruitment/Retention Efforts**

Members are the lifeblood of any organization. Strong membership numbers ensure GCSAA and chapters have a strong voice on advocacy issues, diversified opportunities with members and value to industry partners.

For 2017, we are looking to build membership to over 18,000 members. Building Class C, students and equipment managers is a focus. However, having robust member numbers in all categories is important. There is also an enhanced effort to focus on Class A members and work with Class B members who are close to reaching Class A status.

#### Rounds4Research

The Heart of America chapter has been instrumental in the success of R4R and GCSAA is working with chapters to help not only secure more rounds, but to also secure more bidders. Ultimately, more bidders will mean a more successful program. This year, the GCSAA will be teaming up with the Golf Channel as they promote "Golf Week in America" May 1-5. The 2017 auction dates will be from May 1-7. Messaging and further info on the program is upcoming. We appreciate and look forward to the Heart of America chapter's support this year.

#### **Strategic Planning Sessions**

Working with chapters on their future and plans is important. Our

team facilitates strategic planning sessions as a chapter service. There were 17 sessions conducted in 2016 alone, including the Heart of America chapter in March, 2016.

In 2017, there will be a continued focus to assist chapters with this process. We hope to see chapters add new programs and services that are relevant to its members while maintaining existing programs that add value.

If you, as a member or on behalf of your chapter, have any questions about this process or would like to discuss these sessions in more detail, please contact me.

#### **Board Outreach Visits**

In 2015, the chapter outreach team began working with GCSAA board members (who are not officers) to schedule visits to various chapters and expand our outreach. These meetings have been well received.

These will continue in 2017. The priority of these visits is for a GCSAA board member to meet members at facilities, provide an update on GCSAA initiatives to the chapter and to speak with students if time and circumstances allow.





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#### **DANIEL MAISCH**

Ironhorse Golf Club Leawood, KS 913-221-8477 dmaisch@troon.com

#### **DAVID RUTZ**

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#### **MIKE SCHEMEL**

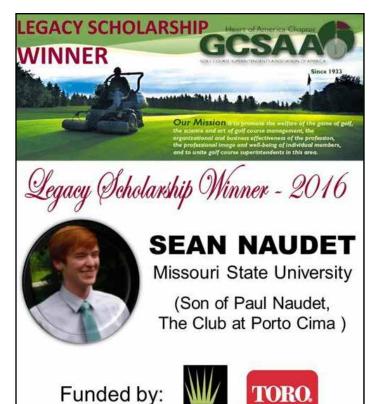
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## HAGCSA Supports Turfgrass Research at Kansas State University

By Jared Hoyle, Kansas State University, Turfgrass Specialist

esearch is defined as "the systematic investigation into a study of material and sources in order to establish facts and reach new conclusions". There are a couple things I like about this definition. The first is "systematic investigation". In other words it is not the "shotgun approach" or taking a shot in the dark and hope you hit something. The second is "establish facts". This is really important and goes hand in hand with a systematic investigation. If not properly planned, research projects will not produce meaningful information or facts and as my friend Steve Gotsche says, will be "Rendered Useless!"

According to A.J. Turgeon, turfgrass is defined as "a species or cultivar of grass, usually of spreading habit, which is maintained as a mown turf." If you put the definitions for turfgrass and research together you get "the systematic investigation into a maintained species or cultivar of grass to establish facts and reach conclusions."

#### **Use of Glyphosate and Turfgrass Paints**

With support from HAGSA, the Kansas State University Turfgrass Research Team is able to investigate many different issues that golf course superintendents face. A couple years ago I conducted some research that explored the use of glyphosate and turfgrass paints for winter color and annual bluegrass control on zoysiagrass fairways. The concept came from a question at a KSU field day event in Manhattan, KS. The question was, "Can I just add paint in with my winter glyphosate application to save time so I don't have to make two different applications?" Well, I didn't know if the paint would restrict the glyphosate from entering the plant so we designed a systematic, statistically sound research project and initiated it in the Fall of 2014. When it was all said and done we found out that the turfgrass paint did not inhibit glyphosate activity on annual bluegrass and actually helped with tall fescue control in zoysiagrass fairways with early applications.

Continued on next page

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#### Turfgrass Research - cont.

More recently, Drs. Fry and Kennelly have continued to explore the development of large patch resistant and cold hardy zovisagrass cultivars for the transition zone in collaboration with researchers at some other universities. The ultimate goal is to develop high quality zoysiagrass varieties with cold tolerance equal or better then 'Meyer', but with less susceptibility to large patch... The support from the HAGCSA over the years has supported KSU graduate students (Ross Braun and Mingying Xiang) to execute these projects. In 2015, more than 60 zoysiagrass progeny were planted in Manhattan, KS. These plots were rated for winter survival in the spring and throughout the summer for color, quality and texture. All plots were inoculated with the fungus that causes large patch in fall 2016, and symptoms appeared within a few weeks. Large patch infestations among the grasses ranged from 0 to 60%, and in the initial ratings Meyer had significantly more disease than some of the experimental zoysiagrasses. The research is ongoing with more data collection planned in 2017 and beyond.

#### **New Products Always Developing**

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Trying to keep up with the turfgrass industry is tough. There are many different companies and sectors that are developing products, machinery and more. As new herbicides enter the market we are always trying to find out where they fit in and what weeds they control. In the past we had products that had a broad range of weed activity and turfgrass tolerance, including MSMA (Remember this product is being phased out by the EPA). This product controlled nutsedge, crabgrass, sandbur, dallisgrass and some broadleaf weeds. Even if we didn't notice it, it was also controlling what I call "non-target weeds". These are weeds that were present and were controlled by our broad-spectrum herbicide applications. More recently, products are more "weed" specific and we are not getting the "non-target weed" control that we use to. We then start seeing different kinds of weeds that we haven't seen before. (Just an FYI - The shift in weed populations is not limited to this but many other influences as well.)

One of these "non-target weeds" that is becoming more problematic in the Midwest is windmillgrass. I call windmillgrass the tumbleweed of turf. The seedhead will break off the plant and roll across the turforass dropping seeds as moves. It is a perennial grassy weed that can tolerate all different mowing heights and produces a seedhead that looks like a windmill; hence, the name windmillgrass.. It is also unsightly and produces an unacceptable playing surface. Currently, there is only one herbicide on the market that is labeled for windmillgrass control, Tenacity. So, with the support of HAGCSA we designed a project that explored the

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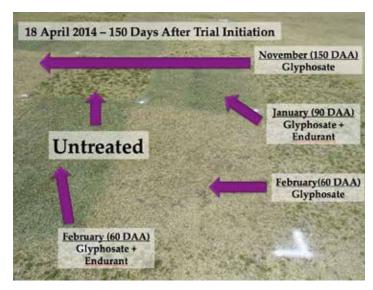
#### Turfgrass Research - cont.

use of chemistries similar to Tenacity to see if we could find other options for turfgrass managers that might be cheaper and would successfully control windmillgrass. This project utilized newer products on the market like Pylex and older products like Acclaim Extra. We are going to continue this project in 2017 and add some more products to test along with different application timings. We look forward to the results and will have some recommendations to superintendents that might be battling this weed.

Although, turfgrass research is defined as the systematic investigation into a maintained species or cultivar of grass to establish facts and reach conclusions, there is one thing that is left out of this definition. It takes the entire industry working together for a research project to be successful. The open communication between researchers and superintendents is critical. The success of that communication has led to many successful projects. a great team effort with KSU and the HAGCSA, and ultimately more information for superintendents. Over the years we have published and shared our work in academic journals, trade magazines, seminars, and other venues leading to impact far beyond our region. The research starts here, with our local industry in mind, but with benefits to superintendents across the country. On behalf of the KSU Turfgrass Research, Teaching, and Extension team, we thank you for your support, and we are looking forward to more projects in the future.



Windmillgrass seedhead.



Research plots of annual bluegrass control with glyphosate and paint (Endurant) on dormant zoysiagrass fairway. DAA = days after application.



Planting plugs of 60 zoysiagrass progeny in Manhattan, KS in June, 2015 to evaluate quality, cold hardiness, and large patch resistance.





Inoculating zoysiagrass with the large patch fungus in September, 2016 (left) resulted in patches in October (right).

## **Equipment Managers Program**

By Daniel Heinze, Equipment Manager, Kansas City Country Club

he new HAGCSA equipment managers group got off to a great start last October with our first meeting being held at Kansas City Country Club. The first official meeting brought together twenty Technicians and Superintendents from across the Heart region to learn, discuss and to share ideas. Steve Randall from GCSAA headquarters discussed the new Equipment Manager's classification. The equipment technician from Bellerive Country Club in St. Louis spoke with us about building an EM group within the Mississippi Valley GCSA. The event concluded with Mike Dahlin from Jacobsen presenting a hands on workshop about electrical issues and troubleshooting.

#### **Goals for the Group**

Our main goals for this year are to build our membership and develop an Equipment Managers directory that can be used to streamline communication between technicians from across the region. Over the next couple of years, we look forward to bringing in new members to the HAGCSA, getting more equipment technicians involved across the Heart of America region, and eventually establishing a *Technician of the Year* award to acknowledge the dedication and hard work put forth every season by your equipment managers. Overall 2017 is shaping up to be a positive year for our group as we build and grow on the foundation we started last fall.

Currently, we are gearing up for our next HAGCSA EM meeting on March 7th at Indian Hills Country Club. Our speaker David Shirk from Professional Turf Products will be discussing factors that can arise with reel mowers that cause undesirable after cut appearances and how we can troubleshoot and solve these frustrating issues.

Education is the foremost objective for these meetings and anyone is welcome to attend, Superintendents, please send your Technicians to this FREE session. If your club is without an Equipment Manager and you or one of your Assistants would like to learn more about your reels and after cut issues, please join us.

If you have any questions or wish to RSVP for the next meeting, please contact me: Daniel Heinze, Equipment Manager Kansas City Country Club, dheinze@kccc.com
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## Heart & Kansas Chapter Joint Assistant Seminar

n January 30th a joint assistant seminar was held between the Heart and Kansas GCSAA chapters at the Golf Course Superintendents Association of America headquarters in Lawrence, Kansas. Attending the seminar were 30 assistants from the two chapters. The event sponsored by Professional Turf Products featured multiple speakers including Carol Rau from Career Advantage Golf and Rhett Evans CEO of GCSAA. The event also featured a tour of the facility

A vintage whiskey barrel hand sprayer on display in the basement museum.

and lunch compliments of the GCSAA. This event was brainstormed by past and current Assistant Directors for educational and networking purposes between the two chapters. The GCSAA headquarters in Lawrence, KS sits geographically between the two chapters and served as a great meeting place and opportunity for those

who haven't seen, to see our GCSAA headquarters.

The day started off with a tour of the facility with Scott Woodhead,

Associate Director of Member Relations at GCSAA. The tour included stops at all departments highlighted by the museum in the basement that featured retired equipment and timeline portraits of historical



Attendees checking out old artifacts/bios from the golf course industry.

events in the superintendent industry. A special thanks goes out to GCSAA for not just hosting the event but fitting us in at a time when they were preparing for the Golf Industry Show the following week. As seen in the picture below, packed boxes were commonly seen throughout the tour as they held materials packaged and ready to be shipped to the national GIS.

After the tour concluded Carol Rau from Career Advantage Golf gave a presentation on "Career Building and Winning Strategies in the Golf Course Industry". Carol has been in the industry for over 20 years and provides services to GCSAA members including resume building and career strategies. Carol's presentation focused on finding a way to set yourself apart from other

candidates through knowing your target audience and providing a winning message.

Preceding lunch which was generously provided by GCSAA were three speakers also from GCSAA. Shelia Finney, Senior Director of Member Programs, gave an update on membership and its



Carol Rau with volunteers portraying target audiences in the industry and the importance of knowing how to approach variance situations.

value to the industry. It was great hearing of the upcoming certifications that will be available to assistant superintendents in the near future. Chava Mckeel, Director of Government Affairs, gave an update of pressing issues in the industry including but not limited to WOTUS

and the overtime rule that has so far been delayed. The day ended with Rhett Evans Chief Executive Officer of GCSAA, giving an overall update on the industry including the battle the game of



GCSAA Chief Executive Officer Rhett Evans giving an update on the industry and what the future could hold for the next generation of superintendents.

with the Heart and Kansas chapters to make this event happen.

In the future I hope we can continue to take advantage of what is a huge resource in the national GCSAA headquarters being so ideally located to both chapters. Thanks for all who attended the seminar as I look forward to seeing you again at the next event.

golf faces and how us assistants can play a large role in the future.

I want to again thank our title sponsor Professional Turf Products for their continued support of our organization and huge thanks to everybody at GCSAA for working



Grant Suderman, Kansas City Country Club





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Monday, July 10, 2017

9:30am – Registration 11:00am – Shotgun On the Course – Lunch 3:30pm – Live Auction

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## Traveling Abroad

Matt Gourlay's account of his trip to Ireland, Scotland, England and ultimately the BTME

he British & International Golf Greenkeepers Association (BIGGA) Turf Management Exhibition is Europe's leading exhibition for turf professionals. Wow! What a tongue twister! Fortunately, they use BTME for short. It doesn't have the same ring to it as GIS, but it does provide an incredible opportunity to further your education and development, with well over 200 hours of education.

After flying all night from the US, my trip started with a long layover in Dublin. While in Dublin, we toured a Kilmainham Gaol; a prison museum where many of Ireland's political prisoners were



incarcerated, tortured and executed. The jail population exploded during the potato famine of 1845-1852. It was amazing to read about some of the petty crimes the starving population was thrown in jail for.

We read about one prisoner who was incarcerated for 14 days because he was in possession of stolen hay.

On Tuesday we were able to tour Portmarnock Golf Links. The property and clubhouse was the personal home of the Jameson

Family (the same Jameson Family who started the Irish whisky company). Their family gravesite is adjacent to the first hole, well within range of my buttercut (ok it's a slice). The second course



we visited in Dublin was Portmarnock Golf Club. Portmarnock Golf Club was founded in 1894 with 27 holes and it has hosted 13 Irish Opens, the British Amateur, and the Walker Cup. Gary Johnstone gave us a 3 hour tour of his facility and he continued to show us the facility even after sunset. In the 1980's, the club decided to build an additional nine holes. Unfortunately, one week before opening the new nine holes, the Irish Sea ravaged the new course. Remnants of bunkers, fairways and greens can still be seen during low tide. Once a year the members play golf on these missing, unkempt holes. They also use two of these holes as a nursery.

On Wednesday we flew to Edinburgh, Scotland. What should have been a short hour drive to St Andrews turned into a four hour traffic jam. A Lorry (semi) disregarded warnings of high winds and traveled over a bridge with 75+kph wind gusts causing the Lorry to blow over, resulting in the bridge to close for hours. This was national news in Scotland for 2 days. The driver was

arrested and lost his license.
Before arriving in St Andrews,
my eyes caught a few St Andrew's Links turf team members
striping sod to be used for their
sod bunkers. Their turf nursery
is massive and it is located a
few miles from the golf courses.
As big as this nursery is, it likely



isn't large enough for St Andrews Links. Every course I visited mentioned that they renovated roughly 30% of their sod bunkers every year due to decomposition. Some courses will be renovating 30+ bunkers every year! St Andrews is a beautiful town with the university and golf courses as the main attraction, as well as a multitude of golf shops. As we walked down to the first tee of the Old Course, I was overwhelmed. Words cannot describe the feelings I had when I gazed upon the Old Course in person.

On Thursday we went back to the first tee of the Old Course to meet Gordon Moir. I was amazed to see golfers lined up to play the Old Course. It was 28 F with 35 mph winds; it has been a long time since I was this cold. I soon realized that I did not pack enough warm clothes. Fortunately, Gordon gave us a tour of St Andrews Links in a van and our exposure to the elements was limited. After lunch, we drove down the road and toured the 520 acre five star Fairmont St Andrews resort. A truly breathtaking facility with two championship golf courses, The Kittocks and The Torrance.

On Friday we headed north to Carnoustie. The night before, it snowed for the first time since 2010. The dusting of snow was just thick enough to cover 70% of the ground, yet still show the intricate details of the ground. Highlights of Carnoustie



included seeing where Jean van de Velde dramatically lost the Open Championship on the 72nd hole. Carnoustie was getting ready to build a new clubhouse as their current clubhouse doesn't

Continued on next page

#### **Traveling Abroad - cont.**

fit their needs. It is roughly six years old. That is one expensive mistake! Friday night we received personal tours of the Royal & Ancient Golf Club which is located directly behind the 1st tee at the Old Course, and the St Andrews Golf Club, located adjacent to 18 fairway.



Saturday was a travel day down south to Harrogate, England, roughly a six hour drive, yet only 240 miles. If only they built straight roads in the UK. Before we embarked, we toured the British Golf Museum. In the museum, I found a

display on the Gourlay family who began making feather golf balls at Bruntsfield in the late 18th century.

The week of the BTME was similar to being back in school with educational talks from 8:30 am - 5:30 pm.
The following are the classes I took:

- 1. The Dr. and the Super 2
- 2. Influence Others Effectively
- 3. Emotional Wellbeing
- 4. The Changing Face of Pesticide Regulations
- 5. Soil Microbiology & Compost Tea Research
- 6. Forging the Greenkeeping Team
- 7. Critical & Creative Thinking: Questions, Possibilities, Probabilities, & the Occasional Certainty
- 8. Improvements in Bentgrasses to Win the Battle Against Poa:
- 9. Golf at the Rio 2016 Olympics
- 10. The Ryder Cup Past, Present and Future
- 11. Golf Sector CV's and Interviews From Both Sides
- 12. Putting Your Best Foot Forward Honing Your Personal

and Online Presentation Skills

13. Stop Telling Your Team -Start Transforming Your Team!



After the BTME there was one last course to tour before we headed home.

Founded in 1909, Moortown Golf Club was designed by Dr. Alister Mackenzie. Moortown was Alister Mackenzie's first golf course he designed and is well-known around the world as the host of the first Ryder Cup match to be held on British soil in 1929. I will definitely be back, but next time with my clubs.

#### Member Profile

#### Between the Tees

With Matt Chase, Equipment Manager for Staley Farms and Falcon Ridge

#### Matt, tell us about your family.

My girlfriend and I own a house in Oak Grove. She works for Bayer as an Industrial Hygiene Technician. We have two cats named Lily and Gordo. We also have a 180 gallon salt water fish tank.



## If you could do it all over again, would you change your career?

I like my career too much to change it.

## What advice you would give to others doing the same job you are doing?

Don't become overwhelmed. Just know what you have to work with and do the best you can!

#### Who was a mentor to you what did they teach you?

Dave Coleman from La Playa Country Club in Naples, Florida was a great mentor. He taught me everything I needed to know to get going in this profession.

## Obviously you are underpaid and overworked but what change would you make to your job to make it an even better job?

The job would be a lot better with new equipment and a bigger budget.

## If you weren't turning wrenches what other career would you choose?

I would want to be an underwater photographer because I love to scuba dive.

#### Golf got it right when?

I don't really like to play golf so that's hard for me to answer.

#### Golf got it wrong when?

It takes too long to play and it needs to be sped up. No more 5 hour rounds

#### What's your most memorable HAGCSA event?

I haven't been to any yet but am looking forward to future mechanic's meetings.

#### One thing most HAGCSA members don't know about you?

I used to own my own boat repair shop at the Lake of the Ozarks. I was also a race boat mechanic for Big Thunder Marine.

Continued on page 23



## CONGRATULATIONS

to the 2016

## Award Winners!

**Assistant Superintendent** 



MARC SZABLEWSKI Overland Park Golf Course

#### Superintendent



**SAM BAILEY**Heart of American
Golf Academy

#### **Chester Mendenhall**



RICHARD SHUMATE
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## Turfgrass Pathology Research at Mizzou

By Lee Miller, University of Missouri

ast year, the summer was marked by extremely high dew points, humidity and nighttime temperatures. Precipitation was scarce in June, but ample, to overbearing, rainfall amounts occurred in both July and August. Spring came early and fall stayed late. With this type of weather pattern, there is no lack for things to do in the field of turfgrass pathology. Below are some of the results of MU turfgrass pathology research, and some of the directives for next season.

#### What's on the Shelf?



#### **Spring Disease Prevention**

On bentgrass putting greens, much of our field research has centered on the use and efficacy of spring applied preventive fungicide applications. Soilborne diseases, such as take-all patch, summer patch, and fairy ring require two watered-in applications that coincide with times of pathogen growth and the infection period. Standard timing for the 1st application is when 2" soil temperatures consistently average 55-60

F with the 2nd application 21-28 days later. Along with this, we were curious the impact these watered-in applications may have on foliar disease. Using our irrigation simulator rig (see photo), we determined minimal impact of post-application irrigation (PAI) on dollar spot severity compared to non-PAI plots for Bayleton FLO (1 fl oz/m), Tartan (2 fl oz/M), Honor (1.1 oz/M), and Lexicon (0.47 fl oz/M). PAI resulted in an increase in dollar spot severity in Headway treated plots (3 fl oz/M), which may be due to the EC type formulation. Other foliar diseases that occurred later in the year, like brown patch and copper spot, were not controlled as effectively by these spring applications as dollar spot.

#### **Large Patch Control**

Two, three or even four fungicide applications are utilized to control fall and spring outbreaks of large patch on zoysia fairways. In trials from 2013-2015, we've determined that, compared to a single fall application made in September or October, single applications in early or late April were consistently more effective in controlling spring large patch outbreaks. Therefore, rather than relying on two fall applications for spring control, consider a single fall and single spring application. We've also completed one year of study investigating the impact of PAI on spring fungicide applications. Researchers at the University of Tennessee (Benelli and Horvath) determined the zoysiagrass canopy is a fungicide barrier as the pathogen tends to infect lower Continued on next page



#### **Turfgrass Research - cont.**

on the leaf sheath. In the first year, we did not see a significant difference in control between PAI treated plots (both 0.1" and 0.25") and non-PAI treated plots. We did see a difference between our two timings, as the early spring application (March 11 – based on 50 F soil temperature) resulted in more control than the later spring application (April 22 – based on 60 F soil temperature). This indicates the large patch infection may be occurring earlier than we have previously thought, even prior to the first mowing, on zovsiagrass that appears dormant. Last, but certainly not least, we've investigated the impact of nitrogen applications in the spring and fall over the last few years in collaboration with our colleagues at Kansas State University (Kennelly et al.). We've determined no increase in large patch with either spring or fall applications, and in some cases a decrease with spring N applications. See an upcoming article in Golfdom for more information.

#### What's on Tap?



#### Large Patch... Continued

Recent funding from the HOA (thank you very much) will enable further research on maximizing fungicide efficacy with alternative fungicide application methods. Increasing water carrier volume may enable better coverage of the leaf sheath as droplets could roll down to the plant base, but is not feasible in most cases due to the acreage and amount of water needed. Instead we are going to examine different nozzles and droplet size. Floodjet or other nozzle types that produce a coarse droplet may deliver the fungicide deeper onto the leaf sheath where the pathogen is infecting. We also will be taking a closer look at the biology of the pathogen, partnering with other university colleagues to determine the similarity or differences in fungicide sensitivity and biology among isolates collected from different regions.

#### **Digging Deeper – Pythium Root Rot**

The most consistent disease problem diagnosed on bentgrass putting greens is Pythium root rot. Along with instituting a preventive fungicide plan starting in May on greens with a prior history, inspecting the drainage of affected greens should also be considered. Pythium is a water-loving disease, and a consistently saturated root zone will greatly increase the potential for disease and severe summer bentgrass decline. Excessive organic matter is a commonly cited cause, but another potentially looming issue may be iron cementing at the gravel/sand interface. Most gravel is

Continued on next page

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#### Turfgrass Research - cont.

limestone in Missouri, which could create a pH gradient between the high pH gravel and lower pH sand profile and increase the likelihood for iron layer formation. Additionally, on greens with lower fronts the water may be sealed on all sides - at the bottom



Irrigation simulator used to precisely apply postapplication irrigation after fungicide application. and along the sides by native soil or an installed barrier. For those with perennial Pythium root rot problems, we would like to

by the layer,

sample deeper to the gravel layer, and work with the experts at the ISTRC, and Dr. Bill Kreuser and Glenn Obear at the University of Nebraska, to determine the breadth and severity of this problem in the region. If you would like to be involved as a collaborator in these ongoing studies, please contact me at (573) 256-9786 or turfpath@ missouri.edu. Hope everyone has a great, disease free season. If you do have trouble, however, know that great resources are available on your eastern side at MU and on your western side at Kansas State.

#### Member Profile - cont.

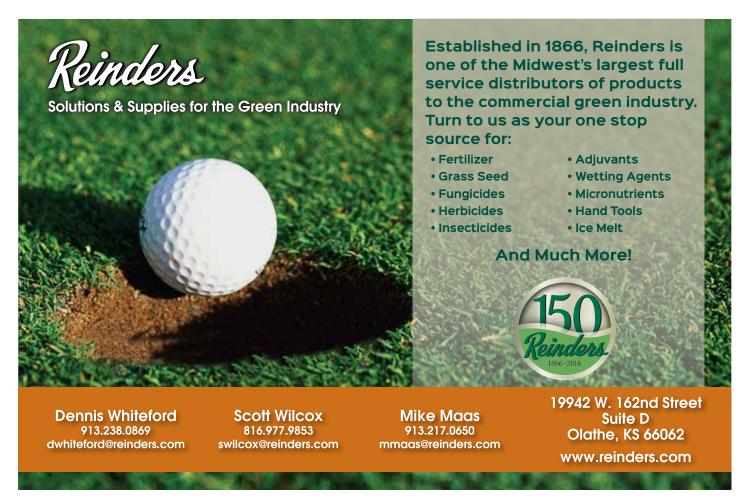
What is one thing you want to do that you are too busy to undertake?

I need to learn Spanish pretty bad!

Real quick: Favorite adult beverage, college team, pro team? Crown Royal, KU, as for a pro team, I don't have one but if I had to choose it would probably be the Chiefs.

Perfect night out. No work tomorrow. What do you do? Sit on the couch, have some drinks. I don't much care for going out.







### ~ ATTENDANCE CONTEST ~

The Tournaments and Meetings/Programs Committee is excited to roll out the 2<sup>nd</sup> annual "HAGCSA ATTENDANCE CONTEST". Eligibility is based on the number of qualifying events attended by the HAGCSA Member. All HAGCSA Members are eligible. Each attended event listed below will get you one raffle ticket into the drawing for the prizes to be announced later in the year. Those Members with a Perfect Attendance record will receive a bonus of 10 extra tickets into the drawing for prizes. The HAGCSA Member must be present at the New Year Party at **Arrowhead Stadium** to win.

#### **PRIZES**

> To Be Determined. Keep Reading the Heartbeat for prize and event updates.

There will be a sign-in sheet at the registration table that must be signed to prove registration and attendance at each event. The Tournament and Meetings/Programs Committee will be responsible for keeping records of attendees that are eligible for the award. The HAGCSA board of directors will attest the eligible candidates prior to the drawing at the New Year Party. The eligible HAGCSA Members will be drawn from a hat at the New Year Party.

This award will be presented January 12<sup>th</sup> at the Annual HAGCSA New Year Party at **Arrowhead Stadium**.

#### **QUALIFYING EVENTS**

- ➤ Jan 31 Shop Talk at Staley Farms Golf Club
- > Feb 22 Bowling Event at College Lanes
- > April 19 Wee One at Staley Farms Golf Club
- ➤ July 10 S and R Tournament @ Indian Hills Country Club
- > August 22 Past Presidents/Fall Classic Event at the T-Bones
- > September 21 Vendor Appreciation at Boulevard Beer Hall.
- > October 2017 Employee Tournament
- > November 2 Annual Meeting- Lunch time Meeting at 180 Room
- > December 18 & 19 Common Ground at Olathe Conference Center
- January 12 New Year Party at The Foolish Club at Arrowhead Stadium



## On This Date 35 Years Ago!

By Andy Klein, CGCS, Editor

eing the Heartbeat Editor provides endless accolades, benefits and recognition as I'm sure you can all imagine. Perhaps the most significant of them is getting a yellow container that is comprised of almost every heartbeat issue produced from the late 1970's to the current day. The Heart of America Chapter has been in existence since 1933 so I'm not entirely sure when they started with publications but to my knowledge this is what has been saved over the years. When I first received this I thought being the editor meant I was also a storage unit, or maybe there was another reason? So from time to time when I got bored or needed a mental break I would take out the yellow box and go through Heartbeats from the past. They are great to look through, it is fascinating to see the changes

in the industry over the years, the many pictures of current and past members and also how the Heart has continued to be such a great association over the years. Or maybe it's because I'm a sucker for the "On this Date in History" facts.

The archives also show that issues our organization faces today were the same issues they faced in the past. "Membership Involvement". Rather than me regurgitate this article, take the time to read this important message that still rings through today. Bottom line... the more we all put in to our association the better we are. Get involved and share your knowledge.

Here is an article from March of 1982



#### From the Editor's Desk

Sandy Queen Golf Course Superintendent



#### 'EDITORIAL'

In my seven years of being associated with the Heart of America Golf Course Superintendents Association I have seen many changes, most of them good along with a few bad. The one change that has bothered me most is the lack of involvement from past boards once their terms were over. These are the people that have led this association to its present state. Because of their dedication to the H.A.G.C.S.A. and their long range vision, they are directly responsible for our success as an organization. By the lack of their involvement in today's operation of our association we are probably making many of the same

mistakes past boards have made. I feel that as a young superintendent of only five years I am missing the gold mine of knowledge that the older superintendents possess. Our present board has many young superintendents and I am sure they feel the same wav.

Every member has something to contribute and can build our association. You will only get out of it what you put into it.

I wish each of you would reevaluate your role in our association and get back with it.

Responses to this editorial are invited.

Congratulations to CHARLES SIDENSTRUCKER for receiving GCSAA Quarter-Century Pin

The Executive Board requests that all members who join the National GCSAA send their applications to Cary Tegtmeyer (Membership Chair-man) so that he may attest to your application. Thank you for your cooperation.

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