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**Matt Miller (Vice President)** (620) 694-2696  
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Manhattan, KS 66506

**Matt Campbell** (785) 584-6050  
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6147 NW Boyd Rd.  
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**Brad Gray** (913) 722-9432  
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Shawnee Mission, KS 66208

**Steve Dale** (316) 945-3525  
JoJacs Landscaping  
205 Cain Drive  
Haysville, KS 67060

**Gary Lyddane** (785) 295-3754  
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**Jerry Moore** (816) 891-9100  
Grass Pad  
11500 NW Barry Rd.  
Kansas City, MO 64153

**Gregg Snyder** (316) 250-2902  
Professional Turf Products  
P.O. Box 48517  
Wichita, KS 67201

## Message From the President



Greetings KTF Members,

I'd like to introduce myself to you. My name is Brian Anderson. I am employed by the City of Leawood, Kansas and have had the privilege of serving as the Superintendent of Parks for the past 12 years. Leawood is a city of approximately 32,000 located in Johnson County in the Kansas City Metropolitan area. I have also worked for Park Departments in the cities of Leavenworth and Salina during my career.

At every step along the way, I have been a member of the Kansas Turfgrass Foundation, and I have found that membership has benefitted me in many ways over the years. Here are a few:

- **Continuing education.** In my job, I am responsible for not only parks, athletic fields, city owned facilities such as fire stations, police stations and City Hall, but also traffic islands and green spaces. In short, I keep the city green. The KTF Conference and Field Day events keep my knowledge base fresh and up-to-date. By learning the latest findings from KSU research, I can adjust my management/maintenance programs to be the most productive, efficient, and least wasteful. Whatever your job is in this industry, it allows you to do the same.
- **Networking.** I am always amazed at the diversity of "branches" in this industry: municipal/institutional grounds, residential/commercial lawn service, golf industry, seed/sod producers, equipment/product vendors, research and extension. This is an excellent way to meet the best people to help you solve your problems.
- **Improved professionalism.** Membership in the KTF tells others that I am serious about my profession, business, and career. It helps keep me motivated and impassioned. I believe that when you are able to speak with authority on a subject, you are able to convince decision makers not to cut your budget, or you are able to purchase better equipment, increase staff all because they know you are working hard and value the resources you are given and then everyone benefits. This applies to all of us in whatever level or branch of this business we're in.

I wanted to share these thoughts in my message for the New Year because I know the economy has had an impact on our industry and during these times with budget cuts, slowing development and reduced revenue, we are all tightening our belts these days. Sometimes training and memberships are tempting areas to look at to reduce expenses. Hopefully, these benefits will bring to mind your own examples of how you have benefitted from your KTF membership and encourage you to remember that your membership is an investment in your continued success. Keep supporting the Kansas Turfgrass Foundation and encourage others to join as well.

Happy New Year! *(Brian Anderson)*

## From the Department



January is always a good time to reflect on the previous year. In addition, right now (Jan. 13), it is too cold to do anything else. The year 2009 was a good one for the Department of Horticulture, Forestry and Recreation Resources. No, the caffeine has not pushed me over the edge. Yes, the economy was not good and the department's budget suffered its worst loss in K-State history. However, our faculty and staff remained focused on what they could control: their personal productivity. Several of our faculty received University, regional and national awards which are a wonderful way to recognize their contribution to our department, university and our stakeholders. In addition, we graduated more than 30 students in horticulture. Specific to the Turf Team, Steve Keeley received the Gamma Sigma Delta teacher of the year award and Jack Fry was appointed Editor of the online journal *Applied Turfgrass Science*. A new distance education course entitled "Water Issues in the Lawn and Landscape" was created under the leadership of Dale Bremer. A very successful field day was held at the John Pair Horticulture Center in Wichita on August 6. It was a miracle the rain and lightning held off until lunch. When Megan Kennelly's hair began standing straight up, we knew it was time to head to the barn. The 59th annual Kansas Turfgrass Conference was still a success even though the snow and freezing temperatures made it more of an effort to get there. 2009 also marked the 1<sup>st</sup> and 2<sup>nd</sup> edition of the *KSU Turf Alumni Newsletter*. However, the best news regarding the Turf Team occurred this fall when Steve Keeley decided that K-State was the right place for him and called off the move to the University of Wyoming. That was an early Christmas gift for us.

Another huge change in 2009 was the dramatic improvement in our web page. So, if you are interested in knowing what is going on in our department, our web page is constantly being updated about department activities. If you have not visited our web page in a while, take a minute to check it out: <http://www.hfr.k-state.edu>

Bring on 2010 - our faculty, staff and students are ready for it. *(Stu Warren)*

## K-State to Host Alumni and Friends Gathering at Golf Industry Show in San Diego

K-State alumni and friends are invited to join us in San Diego to meet fellow graduates and hear a brief update about your alma mater. The Heart of America Golf Course Superintendents Association has graciously allowed us to coordinate logistics for the reception with them. The HAGCSA's reception will follow ours in the same room, beginning at 8 p.m.

**Event:** 2010 Golf Industry Show (GIS)

**Date:** Wednesday, February 10, 2010

**Time:** 7:00 p.m. to 8:00 p.m.

**Location:** Hilton San Diego Bayfront  
(One Park Boulevard, San Diego, CA)

**Room:** Sapphire 400 (overlooks bay)



Rodney St. John accepts a \$12,000 research donation check from Larry Ryan, Ryan Lawn & Tree, during the Awards Luncheon at the Kansas Turfgrass Conference.



## Meet the Newest Board Member

### Gary Lyddane



Gary began working for USD 501 in 1986 and was instrumental in building and designing the soccer fields at Topeka West High School, Highland Park High School, and also middle schools. He was in charge of the seeding, reshaping and adding irrigation systems to the football fields at several of the district high schools. This involved working with several types of grasses including bermuda, fescue, and various blends, and overseeing fertilizing based on tests.

In 2003, he was promoted to the Grounds and Maintenance Supervisor at the new Hummer Sports Park, which is a state-of-the-art Sports Park for all the USD 501 Schools. The soccer and football fields are astro-play and the baseball and softball fields are sand based irrigated.

Gary was born and raised in Harveyville, Kansas and has lived there all his life. He also has a cattle operation which involves maintaining several acres of grazing grasses. Gary looks forward to serving on the KTF Board of Directors.

## 2010 Kansas Turfgrass Foundation Board of Directors



Left to right: Brad Gray, Mission Hills CC; Brian Anderson, Leawood Parks & Rec.; Steve Dale, JoJacs Landscaping (Haysville); Matt Miller, Carey Park GC (Hutchinson); Jack Fry, KSU; Gregg Snyder, Professional Turf Products (Wichita); Cliff Dipman, Manhattan CC.

Not pictured: Matt Campbell, Campbell Sod, (Rossville); Gary Lyddane, Hummer Sports Park (Topeka); Jerry Moore, Grass Pad (Olathe).

# New Class at K-State, Brief Update on USDA-Funded Water Project

In the October 2008 issue of this newsletter we wrote about a forum held at the 2008 Kansas Turfgrass Conference, where we introduced a grant project awarded to the turfgrass faculty at Kansas State University in August 2008. The focus of the \$600,000 grant, funded by the USDA, is to modify residential homeowners' irrigation habits in order to conserve water and improve water quality. The scientists involved in the project include turfgrass researchers you may be familiar with: Dale Bremer, Jack Fry, Steve Keeley, and Rodney St. John. Other researchers on the project that you may not be as familiar with are: Cathie Lavis, an instructor in Landscape Irrigation at K-State; Jay Ham, a researcher in Environmental Physics at Colorado State University; Kira Arnold, a Research Assistant at K-State; Kenton Peterson, a Graduate Research Assistant at K-State; and Cody Domenghini, a Graduate Teaching Assistant at K-State. As you may recall, this is a multi-faceted project that includes research, education, and extension to meet our objectives. For the past year and a half we have been conducting research and developing a new online class that we hope, in part, will help us attain our long-term goal of bringing about measurable, positive changes in the way residential homeowners' irrigate their lawns.

Part of our research last summer (2009) included conducting a survey of residential homeowners in Wichita, Olathe, and Salina to investigate their expectations for lawn appearance, knowledge of lawn water requirements, and lawn-irrigation practices. Some results from the survey were quite interesting. For example, 48 to 63% of homeowners indicated they felt it was very to moderately important that their lawn looked green all the time, regardless of the weather (such as during hot and dry conditions). Despite their interest in keeping their lawns continuously green (which does take water, especially during hot, dry conditions), an even greater number (63 to 79%) indicated they were very to moderately concerned about water conservation. The vast majority, or as much as 83% of the survey respondents, did not know how much water is required by or applied to their lawns! Because 89 to 92% of survey respondents water and maintain their lawn themselves, it is clear that they need additional information about lawn water requirements and how to apply correct amounts, preferably in a user-friendly format. This is where the other two components of the project, education and extension, come into play. We are currently developing a new class as part of the education component and will later develop extension workshops to get more information to the general public. Of course, more field research is ongoing too, that will eventually provide more accurate water-use data for turfgrasses.

But now let's talk about our new online course, which we have developed and are offering during the 2010 Spring Semester. The course is entitled "Water Issues in the Lawn and Landscape;" this is the official logo:



This course will examine critical water issues related to irrigation in urbanizing watersheds, with an emphasis on water quality and quantity. Factors that impact water scarcity and water quality will be discussed. Successful completion of this course will help students understand the interrelatedness of correct irrigation practices and water quality and quantity, and will equip them to help protect water resources through application of science-based irrigation practices. The design of the course includes seven topical modules in the following order:

## **Module 1 – Perceptions: What kind of lawn do homeowners expect?**

- \* History of the American Lawn
- \* Homeowner Survey
- \* Turf quality and expectations

## **Module 2 – Water sources: Availability and quality**

- \* Water shortages
- \* Where does your water come from and where does it go?
- \* Las Vegas case study

## **Module 3 – How irrigation practices affect water quality**

- \* Fate of nutrients and pesticides applied to lawns and impervious surfaces
- \* Leaching
- \* Runoff

## **Module 4 – Irrigation decision making**

- \* Effects of weather on plant water use
- \* Effects of vegetation, soil properties, and cultural practices on water use
- \* Estimating ET from weather data
- \* Effects of lawn and landscape microclimates on ET
- \* Current technology involving ET or soil-moisture-sensor – controlled irrigation systems

## **Module 5 – Low-water use lawns and landscapes**

- \* Alternate lawn grasses and ornamentals
- \* Deficit irrigation
- \* Drought dormancy and recovery
- \* New technologies in irrigation applications

## Module 6 – Irrigation system auditing: Evaluating water delivery amounts and efficiency

- \* Definition of an audit
- \* How to perform an audit

## Module 7 – Changing irrigation water users' behaviors

- \* Water waste – imparting a broad, long-term perspective on water conservation
- \* Communication strategies for educating homeowners

The course will be offered at both the undergraduate (HORT 405) and graduate (HORT 640) levels. We believe the course will be most effective when taken by professionals (like many of you!), who can then network the information to residential homeowners. However, anyone who manages turfgrass or who has interest in managing turfgrass would benefit from taking the course.

You may be asking yourself, so how would I personally benefit by taking this class? First of all, the course is offered online therefore, is available EVERYWHERE to students as well as landscape and turf professionals. So you don't have to travel to take the class and, as long as you have a computer (or have access to one), you have access to this class. Secondly, professionals seeking continuing education points will be pleased to hear the GCSAA has approved the course for 4.5 continuing education points. Thirdly, upon completion of the auditing portion of the course students will be better prepared for the Irrigation Association's Certified Landscape Irrigation Auditor (CLIA) or CGIA - Certified Golf Irrigation Auditor exam that is recognized internationally as an industry "standard." Finally, you will be gaining knowledge on an interesting topic that affects each of you and that is becoming increasingly important in our society, namely the responsible management of our water supplies. And you will be able to pass that knowledge forward to other professionals and to your clients as well. Oh, I almost forgot... if you are interested in more results from the survey, we have included them in the class too.

The class begins in January, so you had better hurry if you are interested in taking it this year! For more information about the course or how to enroll, go to the Kansas State University's turfgrass website <http://www.ksuturf.com> and click on the HORT 405 or HORT 640 links. If you have any questions about the course we are offering this spring or the larger project for that matter, please feel free to contact any of the turfgrass researchers at K-State. (*Cody Domenghini, Dale Bremer*).



Gregg Snyder, newest member of the KTF Founders Society.

### Equipment Dealers that Support K-State Turf Research

#### Excel Sales

Out-front Rotary Mower

#### Kansas Golf & Turf

Cushman Truckster

#### Professional Turf Products

Toro Triplex Greensmower

Out-front Rotary mower

#### Van Wall Equipment Co./John Deere

John Deere Triplex Tee Mower

If your company is interested in supporting  
K-State turfgrass research by providing equipment,  
contact Jack Fry at (785) 532-1430.



## 2009 Kansas Turfgrass Conference—EXHIBITORS

### A Better Stitch

Cliff & Mary Youngers  
18701 W. 63<sup>rd</sup> St. S  
Viola, KS 67149  
(620) 545-8398  
cgymsky@sktc.net

### Agrium Advanced Tech.

Dwight Abbey  
3430 W. 93<sup>rd</sup> St. N  
Valley Center, KS 67147  
(620) 344-0804  
dwight.abbey@cpsagu.com

### BASF

Dave Maubach  
2314 Pleasant Dr.  
Cedar Falls, IA 50613  
(319) 240-2229  
david.maubach@basf.com

### Bayer

Rick Robb  
23925 West 115<sup>th</sup> Terrace  
Olathe, KS 66061  
(913) 205-5381  
richard.robbs@bayercropscience.com

### Campbell Sod

Matt Campbell  
6147 N.W. Boyd Rd.  
Rossville, KS 66533  
(785) 584-6050  
Fax: (785) 584-6063  
matt@campbellenterprises.com

### Commercial Turf & Tractor

Bryan Wood  
P.O. Box 724  
Chillicothe, MO 64601  
(660) 646-6207  
Fax: (660) 646-1005  
comturf@cmuonline.net

### Estes

Jeff Gazaway  
11391 E. Tecumseh  
Tulsa, OK 74116  
(918) 625-8480  
Fax: (918) 234-1208  
jgazaway@estesinc.com

### Ewing Irrigation Products

Kirby Soph  
1495 E. Kansas City Rd.  
Olathe, KS 66061  
(913) 397-9531  
Fax: (913) 397-9994  
ksoph@ewingl.com

### Floratine Midwest

Curt Gillette  
208 N. Murphy Dr.  
Raymore, MO 64087  
(816) 331-3659  
cjturf@juno.com

### Gard'N Wise

Scott Wise  
1515 East 29<sup>th</sup> North  
Wichita, KS 67206  
(316) 838-1451  
Fax: (316) 838-6104  
scottw@gardnwise.com

### Grass Pad

Todd Winkelman  
425 N. Rawhide  
Olathe, KS 66061  
(913) 764-4100  
Fax: (913) 764-9200  
toddgrasspad@sbcglobal.net

### Grasshopper Company

Dave Pitman  
PO Box 637  
Moundridge, KS 67107  
(620) 345-8621  
Fax: (620) 345-2301  
show@grasshoppermower.com

### Greenkeeper

Randy Nelson  
P.O. Box 451123  
Omaha, NE 68145  
800-451-8873  
Fax: (402) 333-7486  
g@turf.omhcoxmail.com

### Helena Chemical Co.

Brian Ruder  
8215 Hedge Lane Terrace  
Shawnee, KS 66227  
(913) 441-0676  
Fax: (913) 441-0522  
ruderb@helenachemical.com

### Howrey Construction, Inc.

David Howrey  
316 Austin St.  
Rockwell City, IA 50579  
(712) 297-8182  
Fax: (712) 297-7307

### Hummert International

Dan McGinnis  
4500 Earth City Expressway  
Earth City, MO 63045  
(314) 506-4500  
Fax: (314) 506-4510  
quotes@hummert.com

### Hustler Turf Equipment

200 S. Ridge Rd.  
Hesston, KS 67062  
(316) 215-4595  
Fax: (620) 947-5914  
lhamm@hustlerturf.com

### Industrial Sales Co.

Bob Johanning  
1150 W. Marley Rd.  
Olathe, KS 66061  
(913) 829-3500  
Fax: (913) 829-3515  
bjohanning@industrialsales.com

### Jesco Products

Ken Masey  
P.O. Box 57506  
Oklahoma City, OK 73157  
(405) 943-1721  
Fax: (405) 943-0783

### John Deere Golf

Ken Harding  
15170 S. Hamilton St., Ste. A  
Olathe, KS 66062-3419  
(913) 376-3130  
kharding@johndeeregolf.com

### John Deere Landscapes

August Lietzen  
14088 158<sup>th</sup> St.  
Bonner Springs, KS 66012  
(913) 208-2965

### Kansas City Turf Supply

Greg King  
13667 W. 129<sup>th</sup> Pl.  
Olathe, KS 66062  
(913) 915-2994  
king.greg@sbcglobal.net

### Kansas Golf & Turf

Mike Simon  
5701 N. Chuzy Dr.  
Wichita, KS 67219  
(316) 267-9111  
Fax: (316) 267-9156  
msimon@kansasgt.com

### Lebanon Turf Products

Kurt Winkler  
9700 Catalina  
Overland Park, KS 66207  
(913) 901-8883  
Fax: (913) 383-0902  
kwinkler@lebanonturf.com

### M & M Golf Cars, LLC

Jamie Schmitt  
19873 Hwy. 22 W.  
Mexico, MO 65265  
(573) 581-8188

### Midwest Laser Leveling

Martin Lane  
3628 SW Woodvalley Terrace  
Topeka, KS 66614  
(785) 608-0195  
martinthomaslane@yahoo.com

### PBI Gordon

Jeremy Buhl  
8905 N. 81<sup>st</sup> Ave.  
Omaha, NE 68122  
(402) 920-2249  
jbuhl@pbigordon.com

### Pennington Seed

Marc Fair  
PO Box 338  
Greenfield, MO 65661  
800-658-0410  
mfair@central.com

### Performance Sports Fields

Roger Williams  
P.O. Box 1403  
Lee Summit, MO 64063  
(816) 916-8014  
Fax: (816) 246-9595  
roger@sportsfields.biz

### Professional Turf Products

Tom Brown  
9108 Bond Street  
Overland Park, KS 66214  
(888) 776-8873  
tom.brown@proturf.com

### ProSource One

Greg Eaton  
132 Towergate Drive  
O'Fallon, MO 63367  
(636) 614-6587  
geaton@seedsolutions.com

### Redexim Turf Products

Nate Patrick  
25 Cassens Court  
Fenton, MO 63026  
(816) 309-6500  
redexim@aol.com

### **RMI Golf Cars**

Russell Cole  
19882 W. 156<sup>th</sup>  
Olathe, KS 66062  
(620) 228-2493  
russellcole1@yahoo.com

### **Reinders, Inc.**

Dennis Whiteford  
32205 Valley View Dr.  
Paola, KS 66071  
(913) 238-0869  
dwhiteford@reinders.com

### **Supreme Turf Products**

John Dixon  
#5 Cassens Ct.  
Fenton, MO 63026  
(636) 349-8900  
Fax: (636) 349-8903  
supremeturf@sbcglobal.net

### **Syngenta**

Paul Carlson  
740 Elkington Lane  
Olivette, MO 63132  
(314) 309-0330  
Fax: (314) 991-4436  
paul.carlson@syngenta.com

### **Team Laboratory Chemical Corp.**

Dennis Odom  
P.O. Box 1467  
Detroit Lake, MN 56502  
(218) 846-9490  
Fax: (218) 846-9491  
michelle@teamlab.net

### **Topeka Sod Farm**

Rick Farrant  
6506 Cherokee Lane  
Ozawkie, KS 66070  
(785) 484-2339  
Fax: (785) 484-2314  
rick.farrant@greatlifegolf.com

### **Turf Surface Athletics**

Mike Schupp  
750 Lake Cook, Ste. 440  
Buffalo Grove, IL 60089  
800-207-6457  
Fax: (847) 353-3848  
hrohde@profileproducts.com

### **TurfTopia, LLC**

Nathan Cobb  
9312 Tasco Dr. NE  
Albuquerque, NM 87111  
(505) 750-8873  
nathan@turftopia.com

### **Turfwerks**

Brian Freeman  
5225 NW Beaver Drive  
Johnston, IA 50131  
(913) 530-3903  
bfreeman@turfwerks.com

### **Van Diest Supply**

Don Breault  
4701 N. Hedgerow Ct.  
Bel Aire, KS 67220  
(785) 221-4178  
Fax: (316) 260-9294  
donbreault@cox.net

### **Van Wall Equipment**

Richard Shumate  
800 N. Rogers Rd.  
Olathe, KS 66062  
(816) 807-2919  
Fax: (913) 397-6090  
rshumate@vanwall.com

### **White Star Machinery**

Keith Adams  
121 NE Gordon  
Topeka, KS 66608  
(785) 232-7731  
Fax: (785) 235-8956

### **Williams Lawn Seed**

Bill Tritt  
11605 McGee St.  
Kansas City, MO 64114  
(816) 863-1372  
Fax: (816) 941-8182  
btritt@swbell.net



## **Mark the Dates**

**May 24**

**KGCSA Research Golf  
Tournament  
Wichita Country Club**

**June 14**

**HAGCSA Research Golf  
Tournament. Mission Hills CC**

**August 5**

**Turfgrass Field Day  
Rocky Ford Research Center  
(Manhattan)**

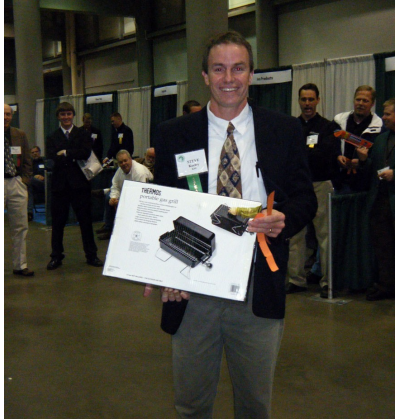
**December 7, 8 & 9**

**Kansas Turfgrass Conference  
(Topeka)**

*Thanks to all the vendors exhibiting at the  
2009 Kansas Turfgrass Conference.*

**Please support the companies that support us!**





**2009  
Kansas  
Turfgrass  
Conference**







## **KTF Founders Society Members**

*Bayer Environmental Science*

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*Heart of America Golf Course Superintendents Assn.*

*Kanscapes, Inc.*

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*Kansas Golf Association*

*Kansas Golf Course Superintendents Assn.*

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*Professional Grounds Management Society*

*Royal Seeds*

*Ryan Lawn & Tree*

*Gregg Snyder*

*Syngenta*

*Don Tannahill (retired)*

*Turf Professionals Equipment*

*Williams Lawn Seed*

A \$1,000 contribution (at once, or over time) is all that is required to become a KTF Founder. Our goal is to recruit a total of 100 Founders over the next several years. These funds are untouched with hope that one day accumulated interest will help to support turfgrass research.

For more information on becoming a member of the Kansas Turfgrass Founders Society, please contact Jack Fry, Horticulture Division, Throckmorton Hall, Kansas State University, Manhattan, KS 66506. (785) 532-1430. E-mail address: [jfry@ksu.edu](mailto:jfry@ksu.edu)