Many of you may recall this famous quote from the 1989 movie “Field of Dreams.” It focuses on an open challenge to build a structure that would then eventually draw people from far and wide. I believe this quote directly applies to the challenge that we undertook several years ago to build an auditorium at the UT Forest Resources AgResearch and Education Center (FRREC). This challenge, when ultimately realized, will directly benefit the UT Arboretum visitors, programs, and the community, drawing more people from far and wide to enjoy this magnificent place.

Flash forward to the morning of August 6, 2013:
At a breakfast meeting at the Arboretum program shelter, sponsored by the Oak Ridge Chamber of Commerce, UT AgResearch Dean Bill Brown announced that funding for a new auditorium was in hand and that the new building would, indeed, be constructed on the grounds of the Arboretum. Dean Brown further described an innovative public-private partnership between UT AgResearch, the UT Institute for Public Service, and the Rogers Group that secured the final funding requirements for the proposed auditorium. This funding boost came through a land trade with the Rogers Group. The trade was a small amount of acreage located at the back side of the FRREC property, about a mile away from the Arboretum public access area, for a piece of property in Sweetwater, Tennessee. Brown further emphasized that the auditorium may be used in the future to provide a space for educational programs offered through the UT Institute for Public Service. He closed by saying that the funding from this trade will only partially pay for the facility. Additional private funds are still being sought to complete the project, although there are sufficient funds to begin the final planning and construction of the building.

Along with the proposed building, our $3 million dollar endowment campaign will fund an Arboretum Coordinator position. This person will work under my direction to oversee and provide additional educational programming opportunities for the community, and to help market the new auditorium for other outreach, training, and revenue-generating events. I am extremely excited about building the new auditorium and hiring someone for this new position. This will further support our mission of providing the land and supporting resources necessary for conducting natural resources research, enhancing our community outreach efforts, and providing a modern venue for increasing our educational programming efforts. These two additions, when realized, will build on the almost 50-year legacy of this magnificent resource, and provide a catalyst of positive change for the future. We will build it, and they will come!

~Kevin Hoyt, Director

See our website for more information: [http://forestry.tennessee.edu/auditorium.htm](http://forestry.tennessee.edu/auditorium.htm)
President’s Letter

The UTAS Annual Meeting will be on the day after Veterans Day, November 12. The Board is working hard to make this annual meeting both informative and enjoyable. I hope to see all of you at there.

Last year, I used this space to thank a number of folks for their involvement and support. At the risk of being redundant, I shall do the same this year. I apologize in advance for not mentioning everyone who has contributed to making this UTAS year a success. I offer on behalf of the UTAS Board our sincere thanks to all of you for your dedication and for your continuing efforts.

The UT Arboretum Society has been important to the vitality and success of the Arboretum for almost 50 years. We are one of the oldest volunteer organizations and one of the most significant in our level of support to the University. Our members provide the means and the volunteer effort that make our organization viable, useful, and an important partner to the Arboretum. Thank you, fellow members, for your ongoing support and participation.

In early August, the University announced that the amount contributed to the building fund portion of the UTAS endowment had reached the amount necessary to begin the planning and construction of an auditorium near the Program Shelter. The funds that pushed the auditorium project funding over the $700,000 target came from part of the proceeds of a land swap between the Forestry Resources, AgResearch and Education Center (FRREC), and the Rogers Group, and from the participation of the UT Institute for Public Service. We offer our thanks to UT AgResearch for distributing funds from the business activities of the Center to the Arboretum Auditorium Project. This facility will make it possible for UTAS to offer programs onsite, to expand our educational outreach, and to engage in other revenue generating activities.

The Arboretum staff has provided noteworthy support to UTAS and the Arboretum. The more than ample rain this year has been a blessing and a challenge, and the staff has done an exemplary job maintaining the grounds, roads, and trails. The scope and quality of the staff’s work on behalf of the Arboretum is more amazing when one considers that the staff also provides services to research projects in the research portion of the Center.

The Plant Collections and Native Plant Groups completed mulching and weed control of the Viburnum Valley that was installed along the Valley Road last autumn. What an impressive effort the collection is! I look forward to seeing the Viburnum Valley in bloom next spring. Our sincere thanks to Lynn Carlson and members of the Plant Collections Group for their continuing efforts.

The Native Plant Group recently worked on the azaleas near the Heath Cove Trail, mulching and pruning the plants, and preparing them for a spectacular display in the spring. These lovely gardens are the result of hours of volunteer hard work during monthly work sessions. Lee Ann Dobbs and members of the Native Plants Group deserve our thanks for their dedicated and tireless efforts.

Most of us are accustomed to walking through the Elmore Holly Collection and enjoying the variety of plants and, perhaps, pausing to take photos in the tranquil and attractive setting. The Holly Task Force is responsible for the excellent condition of the trees and, with help from the Arboretum staff, for the setting. The Task Force has also catalogued all specimens in the Elmore Holly Collection, and maintains hollies in the marsh area of the Arboretum. Our thanks go to the Task Force and its chair, Dennis Superczynski, for their dedication and for labors of love.

Thanks, too, to Chancellor Arrington and to Dean Brown for their continuing interest and support; to FRREC Director Kevin Hoyt for support and help in so many forms; and to Lynne Lucas for being the public “face” of the Arboretum and, as necessary, UTAS. Special thanks to departing Board members Marti Salk, Stacey Fuller, and Irene Sullivan for their valuable and dedicated service; Branches editor and Membership Committee chair Emily Jernigan; webmaster and database manager Charlie Jernigan; nominating committee chair Tom Row; plant sale chair Norm Dobbs; mailing coordinator Evelyn Lorenz; treasurer Randy Stewart; PR chair Melanie Staten; Kris Light who led several workshops; and to all our board members and program presenters who give so generously of their time and efforts to help make the Arboretum the treasure that it is.

~Charles Samuels, UTAS President  
samuels253@comcast.net, 865-482-3502
Upcoming Events

Please check our website, www.utarboretumsociety.org, for updated and additional information on our events.

Fall Plant Sale
Saturday, October 12  9 a.m. - 3 p.m.  Arboretum

We now accept credit cards!

Fall is the ideal time to add plants to the landscape. Milder temperatures, more dependable rainfall, and the fact that plants are devoting all their resources to developing a stronger root system rather than putting energy into their top growth will give them a head start in the spring and a much better survival rate.

A wide selection of high quality plants will be available from Beaver Creek Nursery, East Fork Nursery, Riverdale Nursery, and Sunlight Gardens. The UT Arboretum Society’s members and friends will also have an array of plants for sale.

Dr. Will Witte, the Society’s “Answer Man,” will be there to answer all of your plant questions. He can help you select plants that should suit your site and your landscape plans. DanO’s Hot Dogs, a big hit with plant sale attendees last spring, will be back this fall with hot dogs, lemonade, chips and more. Income from this sale and other Society events goes to support and secure the future of the UT Arboretum. Come out and get a few new plants off to a good start in the ground this fall and help sustain this gem of an arboretum. Norm Dobbs chairs the Plant Sale.

Owl Prowl with Katie Cottrell
Saturday, October 26  6:30 p.m.  Arboretum

Remember: bring flashlights and dress for outdoor weather.

The Owl Prowl is one of our most popular events. Join us for this unique opportunity to see several of these fascinating raptors up close. We begin at the Arboretum shelter (follow the signs from the Arboretum parking) where Katie Cottrell and Kathy Strunk will share some of their knowledge about these nocturnal raptors from the Clinch River Raptor Center. This is a look-but-don’t-touch experience suitable for all ages and is perfect for some pre-Halloween fun and learning. After understanding more about owls and other raptors, including their habitats, we take a short walk through the grounds after dark. Maybe one of the owls will call out to you!

Holly Work Day
Saturday, November 16  9 a.m. - 12 p.m.  Elmore Holly Collection

The next Holly Volunteer Work Day is Saturday, November 16, from 9 a.m. to noon. Tasks include: planting and mulching new hollies; selective pruning directed by Dr. Will Witte; general weeding and cleanup; and relocating the deer fencing around newly planted hollies. Volunteers are invited to collect live holly cuttings for use in their personal holiday decorations.

This year each participant will receive a free holly plant from Elmore Holly Collection cuttings propagated by Carmen Gianfrote. We thank you for your support and look forward to see you there. Contact Dennis Superyczynski, 675-8502, jandport@tds.net, for more information or to sign up.

Annual Dinner and Silent Auction
Tuesday, November 12  6 p.m.  Elks Club Oak Ridge

The UTAS Annual Dinner and Silent Auction will begin at 6 p.m. at the Elks Club in Oak Ridge. The dinner cost will be $25.00/person and there will be a cash bar. This is currently the only time the UTAS membership and guests get together, so please take advantage of the opportunity to mingle with other Arboretum enthusiasts for some social time. There will be a cash bar and time to browse auction items before the dinner buffet begins. Please remember that the Silent Auction is the only way we raise money at this dinner, and all proceeds go to support the Arboretum.

After dinner and a very brief business meeting, we’ll hear an update on the auditorium from Dr. John Hodges, III. As Assistant Director of AgResearch, Dr. Hodges focuses primarily on facility and construction projects at the Research and Education Centers. He has exceptional strength in this area and is ideally suited to provide leadership to these projects, assisting with the development of field days and special events, employee training programs for Center employees, risk management, safety and compliance, and other related activities. A native of Tennessee, Dr. Hodges started work at the East Tennessee Research and Education Center as a full-time employee in 1970 while working on his BS degree. He became Director of the Center in 1975, where he remained until September 2009.

Dr. Robert Trigiano, a UT Professor of Entomology and Plant Pathology, is our featured speaker this year. According to a UT website referring to his work with dogwood, “The aim of our program is to develop new cultivars with superior horticultural traits, which include disease resistance, more attractive bracts and foliage, including color and size, and adapted to climate change.” See more about him below.

The Silent Auction is always popular, and we need donations for this fund raiser. Some items from previous auctions include gardening tools, plants, or bulbs; garden-themed items like birdhouses, fountains, sculptures, books, and wind chimes; gift certificates to area restaurants or garden centers like Willow Ridge; handmade crafts including woodworking or paper goods; and wine and food items. All proceeds go to help support our Arboretum. Contact Lynda Haynes, 483-0525, lyndalandchuck@bellsouth.net, or Pat Row, 482-9096, patrow@comcast.net, with your donation information.

Dr. Robert Trigiano Speaks at UTAS Annual Dinner

Dr. Robert Trigiano is Professor of Entomology and Plant Pathology at the University of Tennessee. Dr. Trigiano and Dr. Mark Windham worked together to develop new dogwood cultivars that are resistant to anthracnose or powdery mildew. ‘Appalachian Spring’ was their first cultivar and its development helped revive Tennessee’s nursery industry that lead the nation in dogwood production. They were awarded the Wheeley Award for Excellence in Technology Transfer in 2007 in recognition of their scientific endeavors coupled with their outstanding entrepreneurship in bringing these plants to market. Dr. Trigiano’s work at UT now focuses on the dogwood breeding program, developing native plants for landscape and homeowners, and developing molecular markers for the downy mildews.

Join us to learn more about his work that has many implications for people who like and grow plants.
Events Roundup

Geocaching Workshop for Kids

Arboretum Society board member Janet Bigelow, a retired middle school teacher with 38 years of indoor and outdoor classroom experience, led an “Introduction to Geocaching” workshop for rising middle school kids on August 9 with help from UTAS members Janet Cushman, Lee Ann Dobbs, and Emily Jernigan.

The 19 kids learned the basics of using a GPS geocaching device with the instruments provided. The enthusiastic participants loved hiding and then finding the boxes hidden by the other kids in the area around the Visitors Center. At the end of the workshop they got to take home trinkets from the caches.

Geocaching (http://www.geocaching.com) is the international treasure hunting game that has over 2 million active caches and 6 million players around the world. UTAS will hold more of these introductory workshops in the future.

NOAA Weather Station

On July 22 Dr. Tilden Meyers, Deputy Director, Atmospheric Turbulence and Diffusion Division of NOAA in Oak Ridge and a scientist there for about 28 years, led a group of about 45 people on a tour of the NOAA equipment at the Arboretum. He gave a brief summary of his work with climate. This station is part of the U.S. Climate Reference Network (USCRN), a network of 122 US climate stations with about 2 stations in every state. They record with incredible accuracy and redundancy factors such as air temperature, precipitation, wind speed and direction, soil moisture, relative humidity, and incoming solar radiation. We walked a short distance to the station and he showed us the various instruments and answered many questions about weather, climate, and the comprehensive data collected with this array of instruments.

Committee Reports

Plant Collection Committee - Viburnum

The Viburnum Valley project plantings were completed in the fall of 2012, and most of the beds were mulched by volunteers in the spring of 2013. Plants have settled in and are growing, but there are a few items to report about the groups.

Two of the plants from the 2011 planting and 6 from 2012 have not lived. For most, it seems to be either too much or not enough water; it’s also possible that they were planted too deeply. The following did not survive:

2011:  
- V. Cassinoides; V. dentatum, wild collected

2012:  
- 2 V. ‘Conoy’ (several others have survived well)
- V. plicatum f. plicatum ‘Popcorn’ (2 others have lived)
- V. plicatum f. tomentosum ‘Fireworks’
- 2 V. ‘Mohawk’ (three others have lived)

Also, there has been some severe damage to three V. propinquum (Chinese viburnum) due to deer browsing. Cranberry bush viburnum and maple leaf viburnum have also seen moderate deer damage.

I recommend to the UTAS board the following actions for the plant collections committee for 2013-2014:

Replacement of the six 2013 losses with new plants: estimated cost, $125
Soil amendments/fertilizer to provide better growing conditions, $50
Application of pre-emergent herbicide to keep weeds out of mulch, $25

We also need deer fence around the most damaged but still living viburnums, until they get a bit bigger. This is probably something to request that the staff handle before winter. If some of the Holly Collection have outgrown their deer fencing and need larger enclosures, perhaps we can recycle old holly fences (hat tip to Lee Ann Dobbs for this suggestion). Otherwise, the board would need to approve buying the fencing. Fencing is not part of this request at this time, but may be added later.

If the board approves this request, I will look for replacement plants to be put in during the fall of 2013. All will probably be available from our regular plant sale vendors.

With this set of replacements, we should be able to keep this collection looking good for several years.

Lynn Carlson, chair, Plant Collections Committee
lbcarlson@alumni.indiana.edu

Native Plant Group

Our group continues to meet regularly to fulfill our commitment to keep the beds around the Visitor Center and those on the Sides Azalea hillside looking neat and tidy. We also try to work in the parking lot beds, including the new Daylily areas, when time and hands permit.

Lynda Haynes has helped us out the past two months by adopting the parking lot areas.

We normally work on the third Wednesday of the month, or as needed!

Anyone wanting to adopt a specific area and work on their schedule could be gratefully accommodated. Contact Lee Ann Dobbs at 482-6656 or leadob@bellsouth.net.
Nominating Committee

The Nominating Committee, chaired by Tom Row, proposes the following slate of Board Members and Officers for 2014:

**Directors:**
- David Alspaugh
- Janet Bigelow
- Debi Boody
- Janet Cushman
- Lee Ann Dobbs
- Melinda Hillman
- Pat Hunsicker
- Emily Jernigan
- Linda Kimmel
- Peggy Mahoney
- Wendy Packan
- Melanie Staten

**Officers:**
- President: Charlie Samuels
- Vice-president: Charlie Jernigan
- Secretary: Lynda Haynes
- Treasurer: Randy Stewart
- Past President: Tom Row

**Ex-officio:**
- Center Director: Kevin Hoyt
- Garden Club Representative: Evelyn Lorenz

Outgoing Board Members

We bid a fond farewell to board members Stacey Fuller, Marti Salk, and Irene Sullivan. Stacey needed to resign because her classes now conflict with our board meetings. Stacey plans to stay involved with our plant sales and in helping us locate and obtain plants, often through donations. Marti Salk’s recent travels have conflicted with her attendance at some board meetings so she has resigned from the board but will not disengage from UTAS. Marti has served on the by-laws committee several times, on the membership committee, and works at our plant sales and holly work days. She intends to continue all of those activities from an off-board position. Irene has helped with our plant sales, mailings, and is a member of the Native Plant Group and the membership committee.

We will miss all of them at our board meetings and appreciate all of their efforts on behalf of UTAS. We are all very happy that they will continue to participate in most of their previous activities.

Stumped?

Every fall I see references to the amount of mast that is available for wildlife. What exactly is mast and why is it important to wildlife?

Historically, mast was an Anglo-Saxon term referring to the nuts and fruits accumulating on the forest floor that provided food for hogs and other domesticated animals. Today the term is used to refer to fruit produced by woody plants that provides food for wildlife.

A distinction is made between hard and soft mast. Hard mast consists of hard shelled fruits (e.g., acorns, hickory nuts, beechnuts, black walnuts, pine seeds) which are high in carbohydrates, fat, and proteins. Hard mast may persist into winter months and can provide an important source of food for wildlife when other food is scarce. Soft mast, as the name implies, refers to fleshy fruits (e.g., black cherries, blackberries, raspberries, muscadines, persimmons, serviceberry) with a high content of sugars, vitamins, and carbohydrates.

Christmas Parade Float

The Arboretum Society has decided to enter a float in this year’s Oak Ridge parade. The parade is Saturday, December 14 beginning at 6:30 p.m. Our theme is ‘Deck the Halls’ and we’ll use some holly from our own Elmore Holly Collection.

We need some volunteers to help with planning, building, and decorating the float. If you’d like to help out, please contact Charlie Samuels at samuels253@comcast.net or 482-3502.
Email & Membership Notes

We need your email address so that you don’t miss out on important notices from UTAS. We never share your address. If we don’t already have your email, please send an email to emily@jernigans.net and we will add you to our database.

If your email address changes, please notify emily@jernigans.net.

If your mailing address changes, please notify emily@jernigans.net.
The Post Office charges us for every piece of returned mail.

Renew now! Check your Branches label for your membership expiration date! You’ll get a reminder, or download a form at www.utarboretumsociety.org.

View Branches Online

Look for an email reminder from UTAS with a link to Branches on our website. There, you can see it in color and link to websites, etc. You can also see what else is going on at the Arboretum and UTAS. Just go to www.utarboretumsociety.org and check it out any time.

New & Renewing Members - Thanks!

*David & Betty Lou Alspaugh
Lydia Birk
Julie Carey
Drew Cowherd
Scott Curron
Carol Dee
Laura Derr
Warren Devine
Karen & Mark Downing

*Peggy & Mike Mahoney
Sara Melton
Evelyn Moyers
H.F. & Margarete Ohnesorge
Martha Orrin
Joanna Partain
Mark & Susie Peterson
Susan & Tom Phelps

*Jim Reca

*Bob & Willow Reed
Joan F Roberts
Janie V Salyers
Jason & Tina Smith
Melanie & Vince Staten
Nyta Wall
Amy Wolfe
Loung Yong

Evelyn Lorenz

*Denotes Society Friend

UTAS Membership Application

Name_________________________Phone____________
Address_________________________________________
City____________State_____Zip________
E-Mail__________________________________________
New___Renewal____

Society Friend $100___Patron $500____
Family $45___Individual $30___Student $15____

Yes, I want to make an additional Contribution:
UTAS General Fund $____
Elmore Holly Collection Fund $_____ 
All memberships and contributions are tax deductible.

Yes, I’d like to help with Society committees, special events or other needs.____

Mail this form with your check to:
UTAS
P.O. Box 5382
Oak Ridge, TN 37831-5382
Help Wanted

• The Plant Sale needs extra hands and it’s fun, too. Contact Beverly Woods at 482-3212.
• The Christmas Parade float group needs volunteers. Contact Charlie Samuels samuels253@comcast.net, 482-3502.

Thanks!

Dr. Tilden Meyers presented a program on the NOAA weather station at the Arboretum.

Janet Bigelow presented a geocaching workshop for middle school kids. Janet Cushman, Lee Ann Dobbs, and Emily Jernigan helped with this.

Kris Light and Charlie Samuels led Wildflower Walks.

How to Find Us

On the WorldWideWeb: www.utarboretumsociety.org

Email: utarboretumsociety@gmail.com

Via GPS: 901 S. Illinois Ave, Oak Ridge, TN 37830
35.9995, -84.2259

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Looking to the Future...

The UT Arboretum Endowment Campaign

A $3 million endowment campaign has been initiated to secure future funding for the UT Arboretum. The Rogers Group has fulfilled its pledge of a $500,000 Founding Gift to the Endowment. The UT Arboretum Society has contributed over $55,000 to this effort, continuing its longstanding support of the Arboretum. We have received pledges for more than $556,000 for the Auditorium.

Now we need to engage everyone to fully achieve our goal. You can assist this effort in many ways. Become an ambassador for the Arboretum and spread the word about the Endowment:

• Include the Arboretum Endowment in your estate planning
• Help the campaign partners identify potential donors
• Talk about how much the Arboretum has meant to you, your children and the community
• Honor loved ones with memorials to the Endowment

The endowment will fund critical features of a grand vision for the future of the University of Tennessee Arboretum that will include:

• Expanded collections of plants
• Creation of an Arboretum coordinator position
• Improved facilities for public access and enjoyment
• Enhancement of the grounds, displays, and trails
• Perpetuation and care of existing plant collections
• Creation of vibrant education and outreach programs

If you have questions, need information, or wish to share your idea for funding the UT Arboretum Endowment, please contact:

UT Institute of Agriculture Office of Development: Robin R. Haefs, 865-974-5779. Email UTIAadvancement@tennessee.edu.

UT Arboretum - Kevin Hoyt - 865-483-3571
UT Arboretum Society - Charlie Samuels 865-482-9096

To contribute to the Endowment or Auditorium Fund, make your check payable to the “University of Tennessee Foundation” and indicate in the memo line that you want your contribution credited to either the UT Arboretum Endowment Fund or the Arboretum Auditorium Gift Fund. Mail it to the UT Institute of Agriculture, Office of Institutional Advancement, 114 Morgan Hall, Knoxville, TN 37996.

For more information on Planned Giving visit this University of Tennessee website at http://www.utfi.org/give-now/planned-giving.
Plant Sale: Saturday, October 12.
9 a.m. to 3 p.m.

Annual Dinner and Silent Auction
Tuesday, November 12 at 6 p.m.

Check the mailing label for your membership expiration date.

Former Center Director Richard Evans chats with Dean Bill Brown at the
announcement of the funding for the auditorium.
Photo by Emily Jernigan