

# TRINITY BLACKLANDS AND CROSS TIMBERS URBAN FORESTRY COUNCILS

In cooperation with the City of Grand  
Prairie, Texas A&M Agrilife, and the  
Texas Forest Service Present:

## *2012 North Central Texas Urban Forestry Conference*

### **Don't Doubt the Drought**



*February 17, 2012*



**Ruthe Jackson Center  
3113 S. Carrier Pkwy  
Grand Prairie, Texas 75052**

**Speaker Bios**

***Kevin St. Jacques***

Kevin St. Jacques is a Senior Transportation Project Manager in the Transportation/Infrastructure Group of Freese and Nichols in Dallas, Texas. A walking and bicycling advocate, he has a comprehensive background in planning, design and construction management, including bicycle and pedestrian system planning and facilities design, traffic engineering, roadway design and transportation facilities planning.

***Dr. Michael Merchant***

Is a Professor & Extension Urban Entomologist with Texas A&M University Research and Extension Center in Dallas, TX. He earned his M.S. in Entomology from Purdue University in 1984 and his Ph.D. in Entomology from Texas A&M University in 1989. His current areas of research include improving control recommendations for termites, fire ants, spiders and scorpions.

***Peter MacDonagh***

Peter MacDonagh is Director of Design + Science for the Kestrel Design Group. He was trained in horticulture at the National Botanic Garden in Ireland, and Landscape Architecture at the University of Minnesota. Peter is a registered landscape architect, horticulturist, certified wetland delineator, and adjunct professor at the University of Minnesota since 1999. He has been a certified arborist since 1992. He is a recognized authority on sustainable landscape architecture, and is widely sought for his expertise in urban stormwater management, green roofs, and urban trees.

***Dr. David Appel***

Is a collaborating Faculty member at Texas A&M University. He earned his M.S. in 1976 and his Ph.D. in 1979 from West Virginia University. His current areas of research specialization include Tree Disease Biology, Epidemiology and Control.

**Speaker Bios**

***David Marks***

Co-Founder and Vice President of Environmental Design (E.D.) of Houston, Texas. Over the last 30 plus years David has been responsible for almost every aspect of the business at one time or another including the horticulture side. E.D.'s Larger Tree Transplanting projects include many large estates, Zoos, Universities, Golf Courses, and Casinos including Pebble Beach Golf Club in California and The Wynn Resorts Golf Course and Casino in Las Vegas. E.D. has successfully transplanted extremely large trees including many in the 50" to 80" diameter range. These Giant Trees have weighed up to 1,300,000 pounds, the equivalent of 240 Chevy Suburbans.

***Melanie Migura***

Melanie has been a Forester for the City of Fort Worth since 2004 and is a horticulture graduate of Texas A&M University.

***Craig Fox***

Craig Fox, a Forester for the City of Fort Worth, started in 2008 as a member of Urban Forestry Compliance. His background is in geography, GIS and horticulture.

**Agenda**

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**Registration** 8:00 a.m.— 9:00 a.m.

Enjoy refreshments after signing-in and mingle with friends. Please consider becoming a new council member or pay your council dues during registration.

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**Complete Streets** 9:00 a.m.— 10:00 a.m.

Kevin St. Jacques

Communities across the country are realizing the ‘green’ potential of their streets. Making our transportation system more sustainable involves many policies and practices that minimize environmental impact and create streets that are safe for everyone, regardless of age, ability, or mode of transportation. Complete streets are a natural complement to sustainability efforts, ensuring benefits for mobility, community, and the environment.

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**Key Tree Pests During Drought** 10:00 a.m.— 11:00 a.m.

Dr. Michael Merchant

Mites, wood boring insects and scale insects are three of the most important arthropod pests of trees in any year, but especially after environmental stressors, like drought. Learn more about these key pests and current control methods.

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**Break and Network with Vendors** 11:00 a.m.— 11:25 a.m.

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**Ft. Worth Street Tree** 11:30 a.m.— 12:00 p.m.

**Inventory Project**

Melanie Migura and Craig Fox

The City of Ft. Worth street tree inventory is underway. Learn about their goals, the methodology, and results of their project, including what environmental benefits their tree resource provides.

**Agenda**

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***Awards Luncheon*** 12:00 p.m.— 1:00 p.m.

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***The Consequences of Drought  
on Tree Health*** 1:00 p.m.— 2:00 p.m.

Dr. David Appel

The short- and long- term consequences of drought on tree health can best be understood through a description of resource allocation during stress and the subsequent strain on tree physiology. Symptom development, predisposition to disease, and strategies for managing trees exposed to severe drought will be covered in this presentation.

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***Structural Soils*** 2:00 p.m.— 3:00 p.m.

Peter MacDonagh

Attendees will learn about how suspended pavement systems for Urban Forests are successfully being installed in various projects around the world; research performance of suspended pavement with loam soils; the elements and complementary roles of soils, large urban trees, and management of urban stormwater; and green infrastructure and sustainability.

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***Break and Network with  
Vendors*** 3:00 p.m.— 3:15 p.m.

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***Environmental Design's  
911 Tree Project*** 3:15 p.m.— 4:00 p.m.

David Marks

450 large 20,000 pound boxed 10" to 12" diameter and 30' tall oak trees were custom grown and installed at the 911/Memorial in lower Manhattan. Learn about the amazing execution and challenges surrounding this unique growing and installation project on a very special site.

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**2012 NORTH CENTRAL TEXAS  
URBAN FORESTRY CONFERENCE**

**Helpful Websites**

***Cross Timbers Urban Forestry Council***  
[www.ctufc.org](http://www.ctufc.org)



***Trinity Blacklands Urban Forestry Council***  
[www.tbufc.com](http://www.tbufc.com)



***City of Grand Prairie***  
[www.gptx.org](http://www.gptx.org)



***Texas Chapter International Society of Arboriculture*** [www.isatexas.com](http://www.isatexas.com)



***Texas AgriLife Research and Extension Center at Dallas*** <http://dallas.tamu.edu>



***Texas Forest Service***  
<http://txforestservice.tamu.edu/>





CONTINUING EDUCATION UNITS WILL BE AVAILABLE:

**International Society of Arboriculture**

Certified Arborist: 5.25  
Utility Specialist: 2.5  
Municipal Specialist: 5.25  
TW Climber Specialist: 2  
BCMA - Science: 3  
BCMA - Practice: 0.75  
BCMA - Management: 1.5  
TW Aerial Lift Specialist: 0

**Society of American Foresters**

4.5 hours Category 1- CF; 0.5 hr. Cat. 2

**Texas Nursery & Landscape Association**

TCNP, TMCNP, TCLP Total Credits: 5

**Texas Department of Agriculture**

CEU course # 8439 - Total Credits: 2  
Subjects: IPM (1) ; General (1)

Workshop and Vendor Registration online at:  
<http://www.ctufc.org/conference.htm>

Questions? 817.926.8203 (Ft. Worth)  
972-952-9242 (Dallas)  
or [cblevins@tfs.tamu.edu](mailto:cblevins@tfs.tamu.edu) [mpace@tfs.tamu.edu](mailto:mpace@tfs.tamu.edu)

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**Thank You to all Our 2012 Sponsors and Vendors**



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[www.fannintreefarm.com/](http://www.fannintreefarm.com/)



Southwest Nursery  
<http://www.southwestnursery.com/>



**Bronze Sponsors**

Texas Trees Foundation  
[Texastreesfoundation.org](http://Texastreesfoundation.org)



Tree Stake Solutions  
[www.treestakesolutions.com](http://www.treestakesolutions.com)



**TRINITY BLACKLANDS AND  
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Directions and Registration online at:

[www.tbufc.com](http://www.tbufc.com)

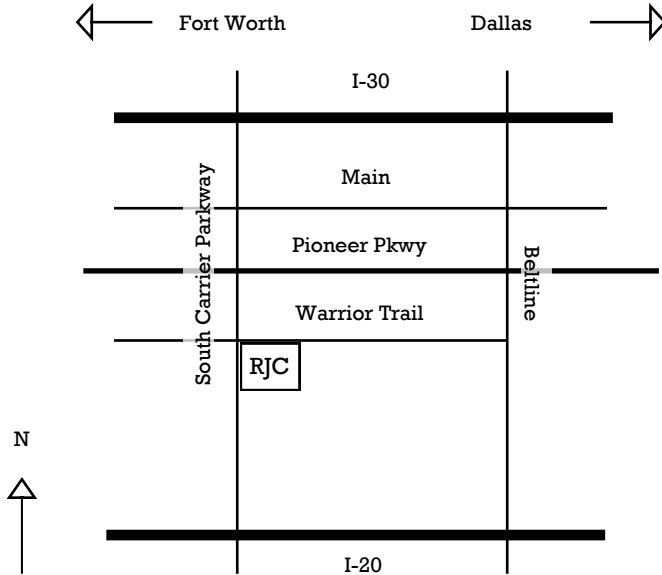
or

<http://www.ctufc.org/conference.htm>

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**RUTHE JACKSON CENTER  
3113 SOUTH CARRIER PARKWAY  
GRAND PRAIRIE, TEXAS 75052  
972-237-7500**

Located approximately 1 1/2 miles north of Interstate 20 on the Northeast corner of South Carrier Parkway and Warrior Trail.



**2012 NORTH CENTRAL TEXAS  
URBAN FORESTRY CONFERENCE**

**MAIL-IN REGISTRATION FORM**

VISIT US [ONLINE](#) TO REGISTER FAST AND SECURE

Please Fill Out All Information to Help Us With Our Membership Database

Name(s): \_\_\_\_\_  
\_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

County: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Website: \_\_\_\_\_

**Conference and Membership Fees:  
(Registration includes lunch)**

\$ \_\_\_\_\_ Workshop Fee (\$70)

\$ \_\_\_\_\_ Late Registration (\$80)  
(after February 3)

\$ \_\_\_\_\_ Student Registration (\$25)

\$ \_\_\_\_\_ TBUFC Annual Dues (\$15)

\$ \_\_\_\_\_ CTUFC Annual Dues (\$10)

Check if New Member

\$ \_\_\_\_\_ Other Contributions

Trinity Blacklands (TBUFC)

Cross Timbers (CTUFC)

Check which group  
you are donating to.

\$ \_\_\_\_\_ TOTAL AMOUNT ENCLOSED

**Please Make Check or Money Order Payable to:**

**Cross Timbers Urban Forestry Council  
PO Box 69 Granbury, TX 76048**

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