

Arborescence

THE OFFICIAL PUBLICATION OF THE MINNESOTA SOCIETY OF ARBORICULTURE

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FALL 2011

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**Want to Contribute
to Arborescence?**

MSA is looking for a few good people. Okay, not just a few. But if you are passionate about this industry and want to share that enthusiasm, we are looking for the following: writers, committee members and photo's. Please contact Heidi Van Schooten.

Arborescence

THE OFFICIAL PUBLICATION OF THE MINNESOTA SOCIETY OF ARBORICULTURE

President's Message

Pierce Wasmund

MSA President

Thank you for letting me lead this organization. It was a good learning experience. Thank you to all the committee chairs, committee members and volunteers. I look forward to helping Jacob and Jeff take the MSA into the next years.

Welcome New Members!

New members as of October 2011

Emily Hanson
Michael Kopel
Andy Ritter
Stephen Welliver

Newly Certified by ISA

October 2011

New Certified Arborists

David Anderson
Steve Bowe
Robert Cummins
Emily Hanson
Michael Kosowski
Travis Lenarz
Tina Markeson
Matthew Nordine
Joseph Sworski
James Zollinger

ISA Update

Jim Vaughan

Council of Representatives (COR) – MSA representative

2011 Annual Conference Wrap-up: More than 900 people from 27 countries descended upon Parramatta, NSW, Australia for the ISA Annual International Conference and the International Tree Climbing Championships in July. New Zealand swept the International Tree Climbing Championships, but our own climbers, Rob Jeutten and Kris Frederickson, performed very well! Also at the Annual Conference, Awards of Distinction were given out. Eight distinguished professionals, scientists, teachers, and authors make up the circle of winners for this year's International Society of Arboriculture (ISA) Awards of Distinction. Mark Schnobrich, newly retired City Forester from Hutchinson was honored and given an Honorary Membership.

New ISA President: At ISA's Annual Conference, Colin Bashford (UK Chapter) officially began his term as the President of ISA. He will be the last President to serve a two-year term; all subsequent Presidents will have one-year term.

It never hurts to review the structure of ISA's Board, since it is still relatively new. The Board is made up of the President, the President-elect, and 13 Directors. There are 45 Council of Representatives (COR), which MSA has one. If interested in getting on the ISA Board or serving in some other volunteer capacity at ISA, contact Jim Vaughan.

August 31 marks the end of ISA 2011 membership year. Starting September 1, we begin the 2012 membership year.

2012 ISA Conference: Portland, OR

Other ISA news worthy of a read:

- **Online Learning Update:** This October and November, the new ISA Online Learning Center will be launched. The initial course selection will contain access to purchase the entire collection of the Introduction to Arboriculture CD-ROM modules.
- **CEU Center:** The Certification section of the website is a resourceful tool for credential holders who are looking for CEU opportunities in order to maintain their certification. A "CEU Center" (<http://www.isa-arbor.com/certification/maintainCredentials/ceuCenter.aspx>) was created with the launch of the new site and an outline of available CEUs and their CEU points is listed for easy access and recertification planning. ISA's Educational Goods and Services Department has also made this list of CEU opportunities available from their page under My Education behind the login.
- **New Podcasts from Annual Conference:** Coming out in 2011-2012, the Science of Arboriculture podcast will feature recorded talks from the 2011 Annual Conference. These podcasts will be free to all ISA members, so be sure, if you are an ISA member, to check out all the talks at the conference they may have missed. Every month throughout 2011-2012, ISA will be releasing one of the talks. Quizzes for each specific talk may be purchased to earn CEU credits.

Personal Conference Highlights for me: Australian people – very friendly ("No Worries"); a lot of the speakers had a "down under" focus... the impressive vast array of eucalypts and acacia trees! Also, I was very impressed with a gentleman by the name of Graeme McMahon of Sherbrooke Tree Service. This guy and his tree company remove prune and perform amazing feats of tree work on extremely large trees in very tough spots, particularly in the Dandenong Ranges (a temperate rainforest SE of Melbourne) –check him out on YouTube.

The conference logistics were excellent with all aspects of the conference, conference hotels, the parks for the climbing championship, and facility where sessions were held, all within easy walking distance from each other.

Finally, what more can I say, I was very lucky to attend the first ISA Conference south of the equator- location, location... location! I did get outside of Sidney as well, traveling to the Great Barrier Reef, Daintree Rainforest, Melbourne and the Great Ocean Road; an experience of a lifetime!



Meet MSA's New Vice President!



We are happy to introduce Jeff Loso as the next Vice President of the MSA. Jeff will begin his service on the MSA Executive Board beginning in January. Thank you Jeff for your willingness to serve.

Arboriculture became Jeff's passion five years ago when he was first introduced to the ISA. Since then, Jeff has spent much of his free time learning everything he can about how trees effect the urban environment.

Jeff has been a crew leader for the City of Bloomington's forestry department for the past 3 years. Before taking on the role of crew leader, Jeff worked as a seasonal employee with Bloomington for 9 years. Additionally Jeff has worked for Three Rivers forestry department and as a botanist at Camp Ripley before that.

Jeff received his bachelors degree in biology from Bemidji State University and his masters degree in biology from Saint Cloud State University. Jeff is currently working towards a Masters Degree in Public Administration through the APWA Minnesota Chapters Leadership Academy at Hamline University.

Jeff has been a member of the Shade Tree Short Course planning committee for 2 years. Earlier this year, Jeff received his Board Certified Master Arborist (MN-4302B), certification and is also a certified Minnesota Tree Inspector and First Pest Detector. He has also helped to refine planting demonstrations at the City of Bloomington's Arbor Day tree sale.

In Jeff's free time he enjoys biking, hiking and trail running. In 1999 Jeff completed a thru hike of the Appalachian trail. Jeff is currently training for a mountain bike race that will take him from Banff Canada to the Mexico border.



2012 Minnesota Tree Climbing Championship - Reserve the Date

Saturday and Sunday May 12th and 13th
Required climber meeting on Friday May 11th in the afternoon.

St. Louis Park, MN

2011 Minnesota Community Forestry Awards

Outstanding Project Award

Awarded to City of Hendricks



Practitioner's Award of Excellence

Awarded to City of St. Louis Park & Tree Trust



Presidents Award

Awarded to Karen Zumach

Outstanding Project Award

Awarded to Wadena Soil & Water Conservation District

Leadership Award

Awarded to Daryl Brekke

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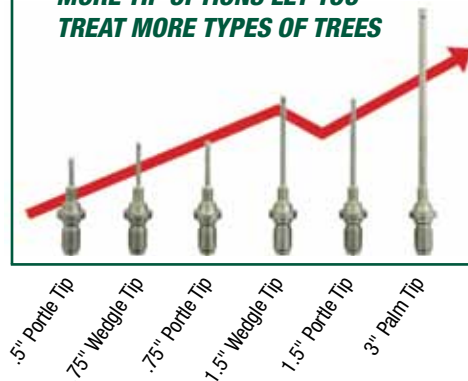
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TREE Fund Update: 2011 STIHL Tour des Trees a record-breaker

The 2011 STIHL Tour des Trees finished its 500-mile trek through Virginia October 8 at American University in Washington DC, where the cyclists blessed the last of a record 45 new trees they'd planted during the week and presented a check for a record \$457,020 to TREE Fund President Mike Neal.

October in Virginia proved to be nearly perfect for cycling. STIHL's Roger Phelps and 3-time ITCC world champion Mark Chisholm led the Ride for Research out of the Virginia Aquarium and Marine Science Center October 2 under chilly, drizzly skies, but the day was brightened by the enthusiasm of local riders and Team STIHL. The Tour's title sponsor pulled out all stops to ensure that the Virginia Beach events were fully staffed with volunteers, well stocked with refreshments, memorable for their "special effects" (a fire truck at the lead, a rock band at the finish) and fun. TREE Fund Partner Dominion also provided a hybrid bucket truck to escort the Ride for Research. Six new trees were planted that first day, and Celina and Cheyanne Harris, daughters of Dominion's Bonita Harris, will long remember their tree plantings with the Tour and their ride on the fire truck.

Historic sites and trees dotted the 2011 itinerary. Tree plantings at Colonial Williamsburg and Monticello gave veteran Tour riders an opportunity to revisit trees they'd planted in 2000. On Tuesday Richmond's Bob Bluford, a 92-year-old advocate for the preservation of historic Virginia land, turned out to tell the story of gathering the last acorns from the 400+ year old "Lee Tree," a massive oak under which Robert E. Lee conferred with his officers during the civil war. Hurricane Isabel felled the original Lee Tree in 2003, but a sapling "Lee Tree" propagated from an acorn from the original and, planted and blessed by the 2011 STIHL Tour des Trees, now graces the grounds of Virginia's state capitol.

The educational opportunities created by the Tour's October timeline provided some of the most memorable moments of the ride. Toronto arborist and veteran Tour rider Warren Hoselton, aka Professor Elwood Pricklethorn ("Arborifessor Extraordinaire"), captivated school kids in Palmyra and Leesburg with his engaging reenactments of photosynthesis and his tuneful entreaties to "give trees a chance".

Volunteers from Dominion distributed tree seedlings and coloring books to children at both events and helped plant the largest tree of the Tour at Ida Lee Park in Leesburg. Crown Sponsor Bartlett Tree Experts donated 500 copies of Bonnie Worth's "I Can Name 50 Trees Today" to the 2011 Tour, which were distributed to schools and libraries along the Tour route and to the State Arboretum of Virginia.

Thursday's 12-mile continuous ascent to Skyline Drive was the ride's biggest challenge, and those who conquered "The Escarpment" on two wheels were hailed as heroes at the top. The reward was an 8-mile serpentine descent to the hotel and dinner at the Front Royal home of Tour rider Tom Armstrong.

The Tour reached Washington, D.C. on Saturday, October 8. The cyclists were given a warm welcome at the National Arboretum, where they planted a rare hybrid maple, *Acer griseum* x *A. pseudoplatanus*, a spontaneous cross of paperbark and sycamore maple. Casey Trees hosted the Tour for lunch at their new headquarters in DC, and then sent them on their way to American University, where award-winning environmentalist, author and Rolling Stones keyboardist Chuck Leavell delivered the keynote address at the closing ceremonies. The Tour and the University community were treated to an outdoor concert sponsored by STIHL at the University amphitheater, featuring the Tom Principato Band with Leavell on keyboards for the last set.

Photos from the VA2DC Tour are posted on the website at www.stihltourdestrees.org. Rookie Tour rider (and talented photographer) Helen Steussy also captured her experience in beautiful detail in her blog. Find a link on the Tour website and at www.treefund.org

The fundraising campaign for the VA2DC Tour continues through Dec. 30. This year's goal of \$500,000 is within reach. Your donation will make a difference in the TREE Fund's 2012 research budget and help a Tour rider reach their "personal best" in fundraising as well as hill-climbing. Donate today at www.stihltourdestrees.org.

Certification, What Does it Get You?

Many people are unaware of what it means to get your moneys worth and we at ISA would like to tell you where your money goes and what benefits over 20,000 certified individuals and members have received.

As many of you have seen when you first became certified and filled out the application, there was a membership application enclosed. You had the option of either paying \$125 or \$225 for the exam. The difference is "Membership". By being an ISA and Chapter member you get discounts on everything that you need from here on out including \$100 off you exam, member discounted pricing on all our products and publications, and another \$100 off when you recertified after your 3 years period. When you compare our certification fees to that of Landscape Contractors or Designers Certification you will be surprised to know that they charge up to \$450 for non-members and \$300 for members to take the exam. Paying less and saving money sounds like a pretty good idea especially when you are trying to meet certification requirements and stay in good standing.

ISA has local chapters set up all around the world that are your personal connection to the ISA. They are the ones that set up the exam locations, hold the exam, and set up workshops, seminars, study coursed and training opportunities closer to where you live and work. Continued Education Units, CEUs, can be obtained a couple of different ways.

1) You can take the Arborist News quizzes online or by purchasing ISA publications. 2) Many choose to fill out a post-approval form for something that they believe is relevant to certification and send it in for possible credits, or 3) they are obtained through your local chapter. Your local chapter offers ongoing CEU opportunities through different events that they put on and then turn in the credits to our office for us to credit your account. We offer a variety of options to your liking and preference. No matter if you like to read, listen, sit at the computer, or do things hands on, there is something out there for you. ISA Certification Dept. pays out 40% of the money you pay for the exam registration and recertification fees to your local chapter in return for them helping us as your personal connection.

To join the ISA Membership you fill out an application and sign up for ISA at \$105 and your local chapter which can range from \$30-\$110 depending on your location. Membership to ISA is on an annual term where as re-certification is every three years.

One major difference in membership versus certification is that anyone can be a member of the ISA. You do not have to meet a minimum set of requirements but enjoy the benefits it has to offer. By being a member you are supporting the arboricultural profession as well as public outreach programs, receive the Arborist News magazine by monthly (filled with CEU's), get information on new techniques and consumer information on tree care, the chance to network with other arborists, the Journal of Arboriculture, discounts on ISA certification, meetings, conferences, and educational materials.

Is that it? I want more... Certification offers potential for higher income. Studies have shown that revenue for Certified Arborists is often higher and certification serves as a tool for employers to use in hiring new employees and selecting existing employees to invest in. By obtaining ISA Certification you can build self-image which has given individuals the chance to prove to themselves and their peers that they have a solid knowledge and dedication to their profession. It lets you distinguish yourself among other arborists, especially to those making hiring decisions that acknowledge that someone who is certified stands out among the competition. By earning Continued Education Units it gives the certified individual incentives for professional development and ongoing thirst for knowledge.

It is our mission to let home and business owners, hiring staff, and new arborist know what it means to hold an ISA Certification in hopes that it will increase the demand for hiring someone with the knowledge and experience that you have proven to this organization. We thrive to have your credential stand out above the rest and do our best to protect your name and hard work. In addition to marketing your credential we also follow up on accusations of false advertisement to prevent fly-by-night arborists ruining your good name and reputation. We believe that if you work for it, it is yours and yours only! If you would like to purchase handouts to help market yourself on a job site or in your local community, please feel free to contact ISA.

Take certification benefits and membership benefits and we think that you are getting your moneys worth! Start your professional arboricultural career the best way possible, join the ISA and become ISA Certified and see the benefits for yourself. We have a well trained staff that is always ready to help and is devoted to making you as successful as possible!



MN Forester Receives Honorary Membership from ISA

CHAMPAIGN, IL, USA (July 2011) – Mark Schnobrich, a retired city forester from Hutchinson, Minnesota, is this year’s winner of the International Society of Arboriculture’s (ISA) prestigious Honorary Membership. The Honorary Membership recognizes professionals who are not members of ISA, but provide outstanding service in promoting arboriculture in their work.

ISA President Tim Gamma will recognize Schnobrich at a ceremony on Sunday, July 24 in Sydney, Australia as part of the ISA Annual Conference and Trade Show, held July 23—27, 2011.

“Mark is credited with creating a forest oasis on the prairie in Hutchinson,” says Gamma. “His dedication has changed the landscape of his community and will continue to have a positive impact on the environment.”

Schnobrich is considered a pioneer in municipal forestry for starting a career more than 30 years ago when few communities knew of the benefits of urban forestry. He is responsible for implementing a tree planting program that brought in hundreds of new trees to his city each year. Schnobrich also used a state grant and the help of volunteers to create a fully restored oak savannah.

“I know many members of ISA,” says Schnobrich, “and there are true professionals among the crowd. To be considered part of the group is certainly a privilege.”

Schnobrich is one of eight distinguished professionals who make up the circle of winners for ISA’s Awards of Distinction, sponsored by Bartlett Tree Experts. Robert Bartlett Jr., Chairman and CEO of Bartlett Tree Experts explains, “By recognizing those individuals who have a positive impact on arboriculture, ISA helps provide role models and learning opportunities for all of us. The Awards of Distinction raise the bar, pushing us to continue to learn and grow.”

ISA has been honoring members and industry professionals with the Awards of Distinction since 1963. Nine categories recognize candidates in such areas as research, publishing, education, and advancing the cause of the organization. The winners are selected by a diverse group of experts in arboriculture. More than 20,000 members make up ISA’s organization worldwide. (Press Release from ISA, July 23, 2011. Editor Julie Gaier.)



Highlights from the Northern Green Expo 2012 Seminar Schedule

Below is a selected list of topics geared toward arborists that will be highlighted at the Northern Green Expo in January 2012!

Management

- Keynote: Radical Engagement for Greater Results
- Time Management Techniques for the Green Industry
 - Human Resource Management: In Focus
 - Sales Tax Issues and the Green Industry
 - Stop Losing to Low-Ballers: Breakthrough Selling in a Tough Economy



Trees

- Wood Borers and Borer Control
- Bur Oak Blight
- Design Soils and Planting in Urban Streetscapes
- Detective Dendro: Case Studies
- Compact Woodyies for the Landscape
- New, Better, and Underused Trees
- Diagnosing & Correcting Nutritional Soil Disorders in the Landscape
- Tree Planting Installation Techniques
- Conifers for the Northern Midwest

Pesticide Recertification

- Tree Injection vs. Soil Injection
- Diseases of Spruce - Management & Avoidance
- Calibration Calculations, Equipment and Applications
- Pesticides, Perception and Society

Follow the ridiculous adventures of the Expo Crew on NorthernGreenExpo.org!



SMA-MUNICIPAL FORESTRY INTERNSHIP PROGRAM (MFI-P) 2012

Host City Interest Form

USDA FOREST SERVICE URBAN FORESTRY PROGRAM

TEXAS AGRILIFE EXTENSION SERVICE

The Society of Municipal Arborists, in conjunction with the USDA Forest Service Urban & Community Forestry Program, and the Texas AgriLife Extension Service, is launching a municipal forestry internship program for undergraduate college students interested in a career in Municipal Arboriculture. The primary objective of this program is to provide a hands-on experience alongside practicing professionals who will serve as mentors over the internship period and will work to help the students identify and develop the skills needed to be successful practitioners.

Several cities are needed nation-wide for the summer 2012 (10 week) internship program.



Each city who is selected will receive:

- the opportunity to be a part of an elite group of mentors;
- a summer intern who was selected in a nationwide search;
- a scholarship (registration ONLY) to the 2012 Annual SMA Conference;
- and much, much more.



How to apply to be a host city?

1) **Your city must be willing to sign the accompanying contract agreement with SMA and you must be willing to sign a contract agreeing to follow the guidelines of this very rigorous internship.**

2) **Each city will need to provide a minimum of two (2) bullets under each of the required focus areas to explain in detail what the intern will experience in your specific city during the summer.**

Dr. Melanie R. Kirk
Texas AgriLife Extension Service
Urban Solutions Center
17360 Coit Rd.
Dallas, TX 75252
mrkirk@tamu.edu
972-952-9203

**Submission Deadline:
Monday, December 5, 2011**

**Preference will be given to
MFI Graduates.**



Accepting Interested Host City Inquiries!

HOST CITY REQUIREMENT

Each Intern is required to spend at least ONE of the total TEN weeks in each of the following focus areas. (Please contact us for clarification).

Planning the Urban Forest

Students should spend time participating in community and regional planning efforts, including but not limited to developing an Urban Forest Plan.

Assessing and Quantifying the Urban Forest

Students should become familiar with a tree inventory and a natural resource inventory, the analysis tools used to complete these types of inventories, and know how the inventory impact the day to day schedule of a municipal arborist.

Planting the Urban Forest

Students should become familiar with their host cities' canopy goals and reasons for the cities' approved species list. In addition, students should become very familiar with the standards and specifications of their host city including the reasons behind both.

Maintaining the Urban Forest

Student should be exposed to the maintenance standards set in place by the city. In addition a portion of the students time spent on understanding the interconnectedness of the various operations crews/offices in their host city.

Managing Risk in the Urban Forest

Students should learn the general principles of risk management in the host city. This includes understanding the city's storm disaster emergency preparation, response, and recovery plans.

Protecting the Urban Forest

Students should spend some time understanding the components of the host city municipal tree ordinance, departmental policies, and the required city permit processes that impact trees.

Administrative Duties of the Municipal Arborist

Students should spend time understanding the big picture of public administration and personnel management, including performance monitoring and evaluation. In order for students to understand the broad range of administrative duties required of a municipal arborist, host cities should involve their interns in a wide variety of them.

MSA Day of Service

The Fort Snelling National Cemetery saw a return of arborist volunteers on November 10th for the MSA Day of Service. Workers from about one dozen companies helped prune trees at the cemetery in appreciation for the services of our Armed Forces. The cemetery has been the annual site of the MSA day of service. The equipment and skills that the arborists bring allows for a lot of work to be completed, adding great value to the historic Minnesota landscape.

Bucket trucks, chippers, ropes, and rakes were used by representatives of the MSA and the Minnesota Nursery and Landscape Association (MNLA) to complete the work. Pizza was the menu for the volunteer's lunch. Pride and a sense of accomplishment after a job well done was the feeling at the end of the day.



Featured Tree Series

Dr. Dale E. Herman,
Dept. of Plant Sciences, North Dakota State University, Fargo, ND

Prairie Expedition® American Elm - *Ulmus americana* 'Lewis & Clark'

This North Dakota State University selection is a lone survivor among American elm trees that died from Dutch elm disease along the Wild Rice River southwest of Fargo, ND. When inoculated with the Dutch elm disease fungus, this tree displayed high resistance. The original tree is still healthy and has continued to resist DED infection 15 years after inoculation research of clonal propagules was conducted. This selection produces dark-green foliage and develops the classic umbrella form which typifies American elm. Clonally-propagated trees planted under clean cultivation in NDSU trials averaged over three feet of growth annually for 10 years. The American Elm is North Dakota's State Tree and this selection was released and named for its apparent Dutch elm disease resistance in honor of the 200th anniversary of the Lewis and Clark Expedition in 2004. USDA hardiness zone 2b-3. Shelter, shade and boulevard tree. Available in nursery trade. Propagated by grafting, chip budding or cuttings.



A1. Classic umbrella form



A2. Close-up of quality, luxuriant green foliage



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Important Dates

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Super Tuesday

Tuesday, January 3, 2012

Northern Green Expo

Wednesday through Friday, January 4, 5 and 6, 2012
Minneapolis Convention Center

TCIA Winter Management Conference

February 12-16, 2012
Curacao

Rochester Arborist Workshop: Hard Core

Thursday, February 16, 2012
Rochester, MN

EHAP

Friday, February 17, 2012
Rochester, MN

Arbor Day

April 27, 2012

Rochester Arborist Workshop: Up By the Roots

Thursday, June 28, 2012
Rochester, MN

ISA 87th Annual Conference

August 11-15
Portland, OR

Minnesota Tree Care Conference

Thursday, October 3, 2012
MN Landscape Arboretum

| EXAM DATE | LOCATION |
|------------|---------------|
| 02.15.2012 | Rochester |
| 06.01.2012 | Cottage Grove |
| 10.03.2012 | Chanhasen |