A Student for Life

One of the pleasures of being an AREA officer is to meet some of the bright students in our field. AREA supports some of these students, for example by sponsoring their participation in the ISA Annual Conference. These students are also given a slot to present their thesis work at the annual AREA session. This year’s student session in Florida will feature four students: three from North America and one from Sweden.

I recall entering the field of urban forestry as a young student during the early 1990s. In those days, European universities did not offer many courses, let alone full programs in arboriculture of urban forestry. At my university in the Netherlands, however, students did have the opportunity to combine basic courses from one's program (in my case Forestry) with freedom to choose courses from other programs (in my case e.g. Landscape Architecture and Sociology). This made it possible for me to compile my own ‘urban forestry’ degree.

Today there is more attention for both arboriculture and urban forestry, also in parts of the world outside of North America. However, there are still very few full degree programs within these fields. In Copenhagen, where I taught for several years, we ran a popular Master course on Urban Forestry & Urban Greening. Many students had an undergraduate degree in Landscape Architecture, but we had participants from a wide range of fields, leading to very lively debates during course assignments. International students were especially eager to continue and enroll in more urban tree related courses, but there were very few possibilities.

I have no doubt that urban forestry and arboriculture have a future at the undergraduate and graduate level. For foresters, for example, urban areas are no longer out of scope and forestry in cities or at the urban-wildland interface has become an attractive career option. But we need more programs that teach about urban forests and urban trees. Ideally, these will bring together students with different backgrounds, interests as well as from different nationalities.

Cecil Konijnendijk van den Bosch
President of AREA
cecil.konijnendijk@slu.se

See you August 8-12, 2015 in Orlando, Florida, USA!
Call for Candidates

The Arboriculture Research and Education Academy (AREA) is seeking candidates to fill the positions of Vice-President and Secretary-Treasurer on their executive committee. To nominate someone (including yourself), please send the nominee’s name, biography (picture is optional), and a letter of interest/support to AREA@isa-arbor.com by March 14, 2015.

» The Vice-President assumes the duties of secretary in the secretary’s absence, and serves as AREA liaison to the Editorial Board of Arboriculture & Urban Forestry. The Vice-President shall preside during the President’s and President-elect’s absence.

» The Secretary-Treasurer shall collect and disburse the money of the Academy under the direction of the Executive Committee and make a report of the financial condition of the Academy at the annual meeting. Officers will perform other duties as outlined in the AREA policies and procedures.

- Prepare and distribute meeting minutes from monthly conference calls held by the AREA Executive Committee
- Distribute and archive documents related to business of AREA Executive Committee
- Liaise with ISA Corporate staff on matters of AREA membership and finances
- Reconcile AREA finances monthly based on banking transactions and statements
- Prepare and present quarterly financial statement for AREA Executive Committee
- Track and report AREA membership for AREA Executive Committee
- Facilitate preparation of AREA annual budget in cooperation with AREA Executive Committee

Please email tduzan@isa-arbor.com with questions or for additional information.

Seeking Presentation Proposals for the 2015 Partners in Community Forestry Conference

The Partners in Community Forestry Conference serves as the annual, international gathering for urban forestry professionals and advocates seeking new collaboration models to strengthen their community forests. The 2015 conference will be held November 18–19 at the Sheraton Denver Downtown Hotel.

» The Call for Proposals will be open through March 31, 2015.

» Presentation opportunities include general session, concurrent/breakout session, panel discussion and “Lightning Round” options. (detailed information can be found within our proposal portal)

» Examples of last year’s presentations and topics can be viewed here.

Submit a Proposal
# The Cost of Not Maintaining Trees

**Event Location:**
Patel College of Global Sustainability, University of South Florida
11710 Maple Drive
Tampa, Florida 33620
United States

Visit our website for a full schedule and details

## Wednesday, March 18, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00am – 9:00am</td>
<td>Registration Open</td>
</tr>
<tr>
<td>9:00am – 9:15am</td>
<td>Welcome – Justin Freedman</td>
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<tr>
<td>9:15am – 10:15am</td>
<td>You’re Spending How Much on Trees? – Dr. David Nowak, Scott Maco</td>
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<tr>
<td>10:15am – 11:00am</td>
<td>Trees Can Do That?! – Dr. Cecil Konijnendijk</td>
</tr>
<tr>
<td>11:15am – 12:00pm</td>
<td>Trees Save Lives! – Dr. Geoffrey Donovan</td>
</tr>
<tr>
<td>1:00pm – 2:00pm</td>
<td>Utility, Reliability, and Vegetation Management – John Goodfellow</td>
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<tr>
<td>2:00pm – 5:00pm</td>
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**Breakout Session Option #1:** Utility Breakout – John Goodfellow, David Watford, Tim Lawyer, Perry Odom

**Breakout Session Option #2:** Total Cost Analysis: From Seedling to Tree and Beyond – Rob Northrop, Carlos Rivero, Andy Kittsley, Dr. Andrew Koeser

**Breakout Session Option #3:** Using Technology to Model Costs and Benefits – Dr. David Nowak, Dr. Shawn Landry, Jeremy Barrick, Erin Givens

## Thursday, March 19, 2015

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
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<td>Welcome</td>
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<tr>
<td>9:15am – 9:45am</td>
<td>The Cost of Not Maintaining Trees Literature Review – Dr. Jessica Vogt</td>
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<tr>
<td>9:45am – 10:15am</td>
<td>How We Place Value on Tree Benefits – Dr. Dave Nowak</td>
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<tr>
<td>10:15am – 10:45am</td>
<td>Modelling Urban Forest Impacts – Dr. Geoffrey Donovan</td>
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<td>11:00am – 11:30am</td>
<td>A Formal Field Study of Mechanical Wounding of Trees Caused by Lawn Maintenance Equipment – Dr. Justin Morgenroth</td>
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<tr>
<td>11:30am – 12:00pm</td>
<td>Structural Pruning Using ANSI Pruning Methods – Ed Gilman</td>
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<tr>
<td>12:00pm – 12:30pm</td>
<td>The Costs and Benefits of Treatment vs. Removal of Trees Facing Noxious Yet Manageable Biotic Threats – Dr. Rich Hauer</td>
</tr>
<tr>
<td>1:30pm – 2:00pm</td>
<td>Communicating the Benefits of Tree Care to Municipal Officials – Dr. Cecil Konijnendijk van den Bosch</td>
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<tr>
<td>2:00pm – 2:30pm</td>
<td>Milwaukee Case Study – Dave Sivyer</td>
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<tr>
<td>2:30pm – 3:00pm</td>
<td>New York City Case Study – Jeremy Barrick</td>
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<tr>
<td>3:15pm – 3:45pm</td>
<td>The Business Case for Preventative vs. Corrective Utility Vegetation Maintenance – John Goodfellow</td>
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<tr>
<td>3:45pm – 4:15pm</td>
<td>Integrated Vegetation Management Case Study – Steve Tankersley</td>
</tr>
<tr>
<td>4:15pm – 4:45pm</td>
<td>Saving Money and Trees Requires Planning – Mike Sherwood</td>
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This year’s International Tree Climbing Competition (ITCC) will offer a wide-range of educational opportunities for participants and attendees. Climbers, consultants, and arborists can learn from industry experts about topics as diverse as plant appraisal, structural pruning, and proper cable-and-bracing installation.

**FRIDAY, MARCH 20**

**The Ultimate Test of Value: Plant Appraisal Workshop**  
*Presented by: Joe Samnik and Lori Ballard*  
*9:00 am–12:00 pm*

This workshop will demonstrate approaches to value recognized in the real world of arboriculture as it relates to tree values. The first half of the workshop will review the mistakes most often made in tree appraisals and discuss the importance of comparable pricing in determining the actual value based on current marketplace customs. During the second half of the workshop, attendees will be encouraged to both appraise and defend their approaches to value in a real-life setting. (3.0 CEUs)

**Arborist Safety Training Institute–Chain Saw and Chipper Safety Workshop**  
*Presented by: Tim Walsh*  
*1:00 pm–5:00 pm*

This applied workshop, part of TCIA’s Arborist Safety Training Institute, will cover basic safety operations for chippers and chain saws, and will feature live outdoor demonstrations of the equipment’s safety features. Participants will receive the TCIA chipper operator specialist program training manual, the chain saw specialist training program manual, and related chipper and chain saw safety handouts. This workshop will be offered in both English and Spanish. Limit: 40 attendees. (4.0 CEUs)

**SATURDAY, MARCH 21**

**Structural Pruning of Trees Workshop**  
*Presented by: Ed Gilman, Ph.D. and Jordan Upcavage*  
*9:00 am–12:00 pm*

Pruning the correct live branches can have a dramatic impact on how trees respond to gravity, wind, and ice storms. In this workshop you will learn how to prune trees to promote structural stability and longevity, and provide the latest scientifically-based tree care to your customers. (3.0 CEUs)

**Cabling, Bracing, and Lightning Protection Workshop**  
*Presented by: Norm Easey and Jordan Upcavage*  
*1:00 pm–4:00 pm*

Cabling, bracing, and lightning protection systems are proven mitigation techniques that can reduce tree risk and greatly extend the longevity of mature trees…but only if they are installed correctly! This workshop will include an installation demonstration of both a cable and a bracing system, and will detail the steps necessary for creating an effective lightning protection system. (3.0 CEUs)

**SUNDAY, MARCH 22**

**Diagnostics–Bugs and Rots Workshop**  
*Presented by: A.D. Ali, Ph.D. and Jason Smith, Ph.D.*  
*9:00 am–12:00 pm*

This outdoor diagnostics workshop will provide tools for sleuthing pests in the landscape. Examples of plant damage, along with types of damage, will be discussed. Pest identification and life cycles, as well as management options, will also be presented. Participants will experience an interactive, hands-on approach to diagnosing plant problems in the landscape. (3.0 CEUs)
Society of Commercial Arboriculture (SCA) ITCC Workshops
Presented by: Scott Prophett, Phillip Kelley, and Rip Tompkins
3:00 pm–5:00 pm

No registration necessary.
Have you watched and/or competed in the tree climbing championships and wondered what exactly goes into the set-up and judging of the event?

These short clinics are designed to explain and elaborate on the set-up, design, and ultimately judging considerations of some of the most technical tree climbing events. The Work Climb, the Aerial Rescue, and the Masters’ Challenge are the events that will be the focus of three talks that will run concurrently; you choose the one of most interest to you. Learn about the rules, why and how events are set-up the way they are, and what factors figure into the set-up process. Discover how important and often obscure details play into the set-up and the final assessments made by the judging team. Technical considerations of gear and tree selection also make up important aspects of this excellent learning opportunity. Each talk will be interactive with a question and answer format and will utilize the ITCC rule book and event scoresheets as guides. (2.0 CEUs)

International Perspective
Dr Glynn Percival, Bartlett Tree Research Laboratory, Reading University
(gpercival@bartlettuk.com)

Until recently the concept of pest and disease management played a minor role for professionals involved in urban tree management within the United Kingdom and Ireland. The dramatic increase in pests and disease outbreaks over the past five to ten years, however, now means management strategies are of fundamental and economic importance. Pertinent examples for the UK include *Pseudomonas* bleeding canker (*Pseudomonas syringae* pv *aesculi*), sudden oak death (*Phytophthora ramorum*), horse chestnut leaf miner (*Cameraria ohridella*), oak processionary moth (*Thaumetopoea processionea*) Massaria canker of London plane (*Splanchnonema platani*), sweet chestnut blight (*Cryphonectria parasitica*), ash die-back (*Chalara fraxinea*) and Asian long-horned beetle (*Anoplophora glabripennis*). Uncontrolled, history has shown that these types of pests and diseases will prove devastating to our existing UK treescapes.

So how are we dealing with these problems in the UK and Ireland? If we are being perfectly honest, the answer has to be, not so well. For better or worse, there is a fundamental lack of registered plant protection products that are far more widely available to our European and American colleagues. There is also a great reluctance by professionals to use commercially available products and far too heavy of a reliance on sanitation (i.e. thousands of acres of Japanese larch felled in the South East of England alone.
to combat the spread of *Phytophthora ramorum*). To date, however, this strategy has had little impact on reducing its spread. Whilst a number of government organizations have recently employed bio-security officers and/or instigated biosecurity working groups, we still have a free trade policy with Europe. This means arborists in the UK or Ireland can still purchase trees from within Europe. Whilst the Plant Health passport should mean only clean healthy trees arrive in the UK or Ireland, many trees can arrive asymptomatic (i.e. they have pest and/or disease-only symptoms which are not visibly apparent). At present, we have no legal guidelines to enforce quarantining trees over a fixed time period which allows pests and disease problems to manifest before planting into our landscapes.

However, as the old saying goes “necessity is the mother of invention”. With this in mind, numerous initiatives and research developments have been instigated. Authorities, such as the London Tree Officers Association have formed a biosecurity working party and linked up with such research institutes like the Bartlett Tree Research Laboratory to make use of the latest in molecular diagnostics to test for example: possible *Ceratocystis platani* outbreaks within the London Boroughs. With environmental stress widely recognized as a pre-requisite for pest and disease attack the recent British Standard 8545 Trees: from nursery to independence in the landscape stipulates the use of chlorophyll fluorescence, leaf chlorophyll content and electrolyte leakage as tree vitality measures. Research collaborations between the Bartlett Tree Research Laboratory and Kew Gardens are investigating the potential of soil amendments such as chitin and Biochar for honey fungus and *Phytophthora* control, while the use of plant defense activators such as phosphites has shown great promise for the management of *Chalara* ash die-back. Reputable nurseries such as Barcham Trees, the largest supplier of container grown trees in Europe, have developed their own “in house” biosecurity measures to include a quarantine of their trees for a year, as well as an annual health assessment of all their stock to ensure that when trees leave the nursery they are “fit for purpose”. The potential of “biologics” such as *Trichoderma* and *Bacillus* show great promise as control measures against soil-borne diseases as well as wound treatments to protect against canker developments. The Bartlett Tree Research Laboratory has recently funded three PhD studentships to develop this research further. Private companies such as Jonathan Cocking Associates are using their own funds and resources to develop and evaluate garlic based trunk injection products for bleeding canker and acute oak decline. In terms of application technology, Dr Dealga O’Callaghan, in conjunction with Syngenta and LANTRA, have developed trunk injection qualification training courses to come online in 2015.

In conclusion, the dramatic increase in severity of several native and non-native pests and diseases that can potentially threaten the existence of an entire species has highlighted the fundamental and economic importance of pest and disease management strategies in the UK and Ireland. Control of these problems is demanding; there is no “magic bullet”. Management will rely on a combination of cultural, physical, biological and nutritional methods designed to induce multiple natural defense mechanisms in trees. However, many of these strategies will be new to professionals involved in management of trees within our towns, cities, parks etc. They will require changes to our existing management programs and this perhaps is the key. If the UK and Ireland do not readily adapt our management systems to embrace these new technologies to encounter established and newly emerging pests and diseases then many of our dominant landscape trees may disappear over the next 40–60 years.

Dr. Glynn Percival is the plant physiologist and technical support specialist for the F.A. Bartlett Tree Expert Company Ltd and manages their UK research laboratory based at the University of Reading. He has an active research and training program at the laboratory and university that focuses on many different aspects of tree care. Recent studies have included work on tree survival following transplanting, novel methods of pest and disease control and the effects of environmental stress upon tree physiology.
Keith O’Herrin grew up in rural Southwest Wisconsin. Keith had a family friend who was a State forester, so he knew forestry was a potential career option. He graduated from University Wisconsin - Stevens Point with a B.S. Urban Forestry in 2008. While at Stevens Point he served as the President of the Student Society of Arboriculture. Upon graduation, Keith took a position with the City of La Porte, IN as their first budgeted City Forester. In 2010, he took a position with the City of Austin, TX as an Urban Forester, then he moved into a position supervising the maintenance crew. While in Austin, Keith also earned a Masters of Public Administration from Texas State University.

Mary Alyssa Marvel—is a junior at West Virginia University, majoring in Forest Resource Management with a minor in Arboriculture.

During the summer of 2013, I became employed with the Davey Tree Expert Company, Wye Mills, MD office. Employed as an intern performing Integrated Pest Management/Plant Health Care (IPM/PHC), my responsibilities included, but were not limited to: being present for morning meetings, mixing product at correct rate, fulfilling orders on time, knowledge of truck equipment, performing maintenance on truck equipment, communicating with customers about service(s) performed on their property, keeping work area safe, informing the manager when product stock was low, understanding how products affect insects and diseases. The largest responsibility in IPM/PHC is getting work orders completed, by yourself.

In May 2014, I received an Associates of Science, Forest Technology degree from Allegany College of Maryland, and returned to the Davey, Wye Mills, MD office. Again, I held the responsibilities of the previous summer, but with more knowledge acquired was given more responsibilities. Routes were now made to my discretion, phone calls to clients the day before performing work on their property were settled, work orders were filled out and authorized with my signature, product was applied more artistically, and pre and post vehicle inspections were completed daily. Interactions and trust between customers grew stronger when intelligent conversa-
tions were able to prove my knowledge of product, plant species, insects and diseases. Repeated visits to properties assisted in inspection and treatments, and helped gain experience in understanding the movement of insects and diseases.

In order to broaden my internship experience, I was able to join a tree crew and observe the arborists for a couple days. During these days, I gained knowledge of their equipment, time management in tree removals, and experience in working with arborists. One day was spent doing storm damage clean up: dragging brush, utilizing a chainsaw to cut branches into manageable sizes, then sending the debris through the chipper. I was instructed by a Davey arborist how to limb out a tree when many obstacles were present. I was educated on how to tie important climbing knots, tree climbing safety, and actions to take in emergency situations, including aerial tree rescue.

In order for me to understand more employment opportunities available at the offices within the Davey Tree Expert Company, a ride along day was scheduled with the branch manager, Craig Ritter. During this day, I was exposed to Craig’s sales territory. During the course of the day, I learned Craig’s way of speaking to present and future clients. This included how to speak in a manner in which your are teaching the current, or future, client about issues on their property, and how Davey will be assisting in resolving the issue. The day was very educational, from many aspects.

With the assistance of the regional manager, for the last ten days of my internship this past summer, I was transferred to The Care of Trees office in Alexandria, VA. At this location, I did various tasks including: using Arbortect product on Elm (Ulmus sp.) to aid in control of Dutch Elm disease, assisting the Secretary by performing various office duties, completing duties assigned by the city Arborist, John Noelle, including street tree inventory. Also, when a work order was to be completed along city streets where parking company trucks with attached equipment such as chippers and stump grinders would present a challenge, I would post emergency tree work notifications on telephone poles and in yards a few days before work was to be performed. This guaranteed parking for the work vehicles and provided a reminder to the customer and notice to residents in the area.

When performing inventory and risk assessments on city street trees, the health of the trees and the safety of residents and visitors to the city of Alexandria were main priorities. Data inventoried included: location of tree, tree species, DBH, condition of tree well, and if any improvements needed to be done to well, dead wood present, pruning recommendations, overall health of tree. Tree inventory was also performed at two elementary schools. When inventories were performed at the schools, safety of the children, teachers, staff, and parents, were main priorities and pertinent recommendations were made.

Zana Jevremovic, Sales Arborist at The Care of Trees, volunteered a day to take me on a ride along. The experience was quite different from the sales experience with Craig. The major difference is that Zana is female, so I was able to see what obstacles female sales representatives encounter. Also, I was now able to compare two different sales strategies, that both yield positive results for the company.

Overall, the experiences I had throughout my internship with the Davey Tree Expert Company were positive, fulfilling, challenging, and educational. I did encounter days that were mentally challenging; questioning my position in life, testing my patience for the job, and clients. I received praise for being a woman in a “man’s profession”, and some clients gave me a hard time. Encountering the sexist remarks helped build my character and made my drive to work in the forestry field even stronger. It was an experience with a lot sunshine and a little bit of rain.

“Experience is not what happens to you; it is what you do with what happens to you.”

BIOGRAPHY: Mary Alyssa Marvel is a junior at West Virginia University majoring in Forest Resource Management with a minor in Arboriculture. Alyssa received an Associates of Science, Forest Technology degree from Allegany College of Maryland in 2014. For the past three years, Alyssa has been the recipient of the Davey Tree Expert Company Arbor Grant. During the 2013 and 2014 summers, Alyssa was an employee of the Davey Tree Expert Company.
26-28 March 2015
Newcastle University, UK

This international cross-disciplinary conference, organised by the School of Architecture, Planning and Landscape at Newcastle University, will bring together scholarly communities for knowledge exchange and debate. It aims to consider the discourses that swirl around concepts of wilderness, wildness, wildscape, re-wilding, wilding and the wild. It will seek to explore the place of these notions in the contemporary imagination, whilst giving an account of their continuing agency for academics, professionals and all those engaged in landscape issues.

Landscape, Wilderness and The Wild will take place over two days at Newcastle University, with a third day of facilitated day trips to explore notions of wilderness and the wild in Northumberland, North Pennines and Wild Teesside.

Keynotes: Professor Bill Adams / Dr Steve Carver / Jay Griffiths / Dr Anna Jorgensen / Paul Kingsnorth.

Themes: The Urban Wild / Rewilding vs the Cultural Landscape / Future Imaginaries of Landscape / Wilderness as a State of Mind / Reclaimed and Restored Landscapes / The End of Environmentalism?

Registration: Early bird until Friday 6 February 2015. For registration and accommodation information please visit www.ncl.ac.uk/apl/news/events/thewild.

The Wild Practice in Academia? Wednesday 25 March. Workshop for PhD students whose research focuses on creative practice or who are interested in cross-disciplinary working with creative practitioners.

www.ncl.ac.uk/apl/news/events/thewild @TheWild_Conf
Upcoming Events

Tree Canopy Conference: Preserving Trees in Our Communities
March 10, 2015
Haverford College, Haverford, Pennsylvania, US
For details, see: http://www.business-services.upenn.edu/arboretum/ed_conferences.shtml

UMASS Community Tree Conference: Preserving Trees and Landscapes in a Changing Environment
March 10, 2015
University of Massachusetts–Stockbridge Hall, Amherst, Massachusetts, US
For details, see: http://extension.umass.edu/landscape/

Cost of Not Maintaining Trees Symposium
March 18-19, 2015
Patel Center of Global Sustainability, University of South Florida, Tampa, Florida, US
For details, see: www.isa-arbor.com/costofnotmaintainingtrees

2015 International Tree Climbing Championship
March 21-22, 2015
Rowlett Park, Tampa, Florida, US
For details, see: www.isa-arbor.com/events/treeclimbingchampionships/index.aspx

1º Fórum Internacional de Avaliação de Árvores de Risco
March 23-25, 2015
Auditorio AMRIGS, Porto Alegre, Rio Grande do Sul, Brazil
For details, see: http://sbau.org.br/site/noticias/noticias.php?id=53

Celebrating the Uniqueness & Utilization of California Urban Woods–CAUFC
April 2–4, 2015
Palomar College, San Marcos, California, US
For details, see: http://www.wcisa.net/Events/EventsDisplay.aspx?IndustryEventID=347

Texas ASLA Conference 2015
April 22–24, 2015
Galveston Island Convention Center, Galveston Island, Texas, US
For details, see: http://www.texasasla.org/page/2015conference/

WCISA—Annual Conference: Nature and Science of Arboriculture
April 27–May 1, 2015
Tenaya Lodge, Fish Camp, California, US
For details, see: http://wcisacommunications.com/

Canopy Connections: Urban Forests for Public Good
Date: Wednesday March 25, 2015
Time: 8:30AM – 4:00PM
Location: Carnegie Institution for Science
1530 P Street NW • Washington, DC 20005, USA
Tickets: $75

Canopy Connections is Casey Trees’ annual, one-day conference geared towards industry professionals to discuss pressing urban forestry issues, learn about the latest research being undertaken and connect with other practitioners and those interested in growing and protecting our trees and urban forests.

The theme for the 2015 Canopy Connections is Urban Forests for Public Good. Five distinguished experts will discuss how urban forests and other natural areas improve our lives and provide various health, environmental, economic and social benefits.

ISA Continuing Education Credits available
SAF Credits available

REGISTER NOW:
http://caseytrees.org/event/canopy-connections-urban-forests-for-public-good/
Barcham’s 2015 Big Barn Conference
It promises to be Britain’s biggest ever

Barcham Trees has announced details of the Big Barn Conference
to be held at its Ely, Cambridgeshire, headquarters on Wednesday, 17 June 2015

Barcham’s sales director Keith Sacre, has secured a group of world-class arboricultural experts to speak to an expected 550 delegates, for whom attendance, plus breakfast and lunch, is completely free-of-charge!

“We believe our 2015 Big Barn Conference will be the biggest arboricultural gathering of its kind ever held in the UK, and I am delighted we have nine speakers from three continents to make the day a truly international event, and one we hope tree care professionals will not want to miss”, says Keith.

The conference host will be Dr Mark Johnston will introduce the speakers throughout the day. The speakers will include:

Jim Smith – Trees and Woodlands Officer London on The London i-Tree Project
Frederic Segur on Tree Management in Lyon France
Ian Sear on Tree Management in Melbourne, Australia
Mike Raupp – University of Maryland, USA on Pests and Diseases: Threats to the Urban Forest
Henrik Sjoman – University of Alnarp, Sweden on Tree Species selection
Nina Bassuk – Cornell University USA on Tree Species selection
Dave Nowak – USDA, USA on Urban Forest Management, the importance of inventory and the role of i-Tree
Cecil Konijnjijk van den Bosch – University of Alnarp, Sweden on Urban Forest Governance.

Places are now available from Barcham Trees, which are offered on a first-come, first-served basis.

Connecting the Street Tree to the Urban Forest Strengthening Nature for Living
European Forum on Urban Forestry 9th -13th June, 2015

This year’s EFUF will focus on:
- Innovative ways for financing urban nature;
- Building new networks and partnerships;
- Fragmented urban green infrastructure and its multiple function (ecological, recreation, climate change adaptation etc) and discuss strategic approaches to deal with this;
- Ways to re-connect citizens, stakeholders and local communities with urban green infrastructure and the urban forest;
- Natura 2000 and the urban forest – reconciling ecological qualities with urban use and urban impact.

Call for abstracts
We invite your contribution for an oral presentation in one of the parallel session on:
- Fragmented urban green infrastructure and its multiple function (ecological, recreation, climate change adaptation etc) and discuss strategic approaches to deal with this;
- Ways to re-connect citizens, stakeholders and local communities with urban green infrastructure and the urban forest;
- Natura 2000 and the urban forest – reconciling ecological qualities with urban use and urban impact.

You can submit your abstract through https://easychair.org/conferences/?conf=efuf2015 before the 10th of March (note you have to register yourself at this third service before being able to submit your abstract).

The abstracts should:
- be submitted through EasyChair;
- be in English (please have language checked when you are not fluent in English);
- limited to 400 words (no figures, tables or attachments allowed);
- be related to one of the themes in the call for abstracts.

Authors will be informed on the acceptance of their paper by the 8th of April. At least one of the authors should register for the conference, and should have their fee settled by the 1st of May 2015, otherwise the presentation will be cancelled.

Registration
Is open from 15th of February through the 15th of April. We only have 60 places available, we expect that these will be sold out soon. Register through http://efuf2015.org/about/registration/

Accommodation
We have secured rooms at discounted rates in Hotel IBIS Waterloo, which is the suggested hotel for this Forum. You can book your room when registering (before 15th of April). Please do not contact the hotel directly, as they have no access to the rooming list, and as the hotel staff is not able to book your room at the discounted rate.Information on how to reach the hotel from railway stations and airports is available on www.efuf2015.org.

Deadlines
- Abstract submission: 10th of March
- Notification of decision on abstract: 8th of April
- Registration: 15th of April
- Due date registration fees: 1st of May

Subscribe now on our mailing list to be updated regularly – efuf2015@bosplus.be – www.efuf2015.org – twitter: @EFUrbanForestry
Grant and Scholarship Opportunities

International Society of Arboriculture Undergraduate Fellowship

The International Society of Arboriculture summer fellowship provides students with an invaluable opportunity to work with leaders in arboricultural research and education from around the world. The fellowship recipient will help develop books, articles, videos, podcasts, surveys, presentations, and seminars.

What is included in the fellowship?
• Paid stipend for a minimum of 10 weeks.
• Paid travel, lodging, registration, and meals at the 2015 ISA Annual International Conference in Orlando, Florida, U.S.A.

Who is eligible?
• Undergraduate students attending a four-year program with a minimum of two years completed, or students close to finishing a two-year program.
• Students majoring in Arboriculture, Horticulture, Urban Forestry, or similar disciplines.

Who should apply?
• Students who excel in their academic studies.
• Students interested in attaining a technical or educational position in commercial, utility, or municipal arboriculture.
• Students interested in continuing their education at the graduate level.
• Anyone who has a passion for arboriculture and urban forestry.

See the job posting at: http://www.isa-arbor.com/about/staff/staffEmployment.aspx

Application deadline: March 13, 2015.

Contact Wes Kocher for more information.
+1.217.355.9411 x227  wkocher@isa-arbor.com

Need Money for School?

The TREE Fund offers scholarships for undergraduate students who aspire to careers in arboriculture, urban forestry and related fields.

Robert Felix Memorial Scholarship
$3,000
Supports college students studying arboriculture, urban forestry or related fields with the intention of entering arboriculture.
Apply online January 1 – April 1 at www.treefund.org.

Horace M. Thayer Scholarship
$2,000
Supports college students who are residents of Pennsylvania or Delaware and enrolled in a program related to the practice of arboriculture and urban forestry.
Apply online March 1 – June 1 at www.treefund.org.

Fran Ward Women in Arboriculture Scholarship
$2,000
Supports female college students who are residents of Pennsylvania or Delaware and enrolled in a program related to the practice of arboriculture and urban forestry.
Apply online March 1 – June 1 at www.treefund.org.

John Wright Memorial Scholarship
$2,000
Supports high school seniors and returning college students pursuing careers related to arboriculture.
Apply online February 15 – May 15 at www.treefund.org.

The TREE Fund is the leading non-governmental source of funding for arboriculture research and education programs. Our mission is to support scientific discovery and dissemination of new knowledge in the fields of arboriculture and urban forestry. Learn more at www.treefund.org.
AREA has launched two new sections as part of our Quarterly eNewsletter; these are the International Perspective and Student Perspective. We are actively seeking submissions for both columns.

The International Perspective is open to all Urban Forestry and Arboricultural researchers and educators, yet we hope to concentrate on those individuals who work outside of the United States. AREA has a diverse membership and we want to promote viewpoints from around the world. Articles to be considered should discuss relevant AREA topics, such as; varying perspectives on urban forest issues from around the world, current directions in research, teaching tools for the classroom, or how to increase enrollment.

Encourage your students (undergraduate or graduate) to write an article for the Student Perspective column. Students can address what they enjoy about Urban Forestry or Arboriculture, internships or work experiences, educational and networking opportunities (conferences), research projects, or exciting club activities. This is a chance for a student to develop their writing skills and for the AREA members to hear the voice of the next generation of Urban Foresters.

Please email submissions to tduzan@isa-arbor.com; articles should be limited to 250-500 words.

TREE Fund Research & Education Grants

The Tree Research and Education Endowment Fund (TREE Fund) promotes research-based tree care for current and future generations. We offer research and education grants in the following priority areas:

- Root and Soil Management
- Planting and Establishment
- Plant Health Care
- Risk Assessment and Worker Safety
- Urban Forestry
- Arboriculture Education

Research Fellowship Grant - $100,000
Supports mentored doctoral research projects in priority areas of arboriculture and urban forestry. Apply online July 1 – October 1 at www.treefund.org.

Hyland R. Johns Grant - $25,000
Supports research that directly affects the work of industry professionals. Apply online January 1 – April 1 at www.treefund.org.

John Z. Duling Grant - $10,000
Provides “seed” funding for new, innovative research projects. Apply online July 1 – October 1 at www.treefund.org.

Jack Kimmel International Grant - $10,000
Provides funding for arboriculture research projects all over the world. Apply online July 1 – October 1 at www.treefund.org.

Arboriculture Education Grant - $5,000
Supports the development of arboriculture educational programs and materials for K-12 students; support is not provided for tree planting programs. Letters of intent accepted online January 1 – March 1 at www.treefund.org.

Ohio Chapter ISA Education Grant - $5,000
Funds arboricultural education programs or projects within the State of Ohio which serve a target population of 16 years of age or older. Letters of intent accepted online January 1 – March 1 at www.treefund.org.

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