

## INSIDE THIS ISSUE

New Vice president .....	2
ISA Annual Highlights.....	2
AREA Sponsors Events to Support Arboriculture Research and Education .....	4
Summer 2013 ISA Intern.....	5
Scholarships .....	5
Upcoming Events .....	6
Grant and Funding Opportunities .....	9
Employment Opportunities .....	10

## Strengthening the International Scope of AREA

Welcome to this autumn newsletter of AREA! Many of us just returned from the ISA Annual Conference in Toronto with many new ideas and contacts. 'Forests & People' was the central theme in Canada. This topic was also reflected in the AREA sessions, with presentations on for example the costs of not maintaining trees and tropical agroforestry. Once again the presented work was very interesting and of high academic quality. Personally I am always impressed by the student presentations that start off the AREA day and this was definitely also the case this year.

This year's AREA day also demonstrated the international scope of our organization, with speakers from Germany and Italy and an audience deriving from many other countries, but there is definitely room for improvement. My own career in urban forestry research, working across Europe and well as Asia, has taught me that a lot of interesting research on arboriculture and urban forestry is ongoing in different parts of the world. In Europe, events such as the annual European Forum on Urban Forestry (for information on the 2014 edition in Lausanne, Switzerland, visit [www.efuf2014.org](http://www.efuf2014.org)) provides a good

opportunity for researchers and practitioners to meet. North-American researchers are warmly invited to join!

AREA, under the leadership of its new President Greg Dahle, has a clear ambition to internationalise further. One specific initiative towards this is the plan to provide additional financial support to overseas students presenting in the AREA session at the ISA Annual Conference. We will also support next year's international conference on Urban Tree Diversity (June 14-16, [www.urbantreediversity.com](http://www.urbantreediversity.com)) in Alnarp, Sweden by providing a student grant. Abstracts to this conference can now be submitted online.

I hope to see you at one or more of these and other events and pick your brain on how we can get the best out of AREA. Finally, let me thank our Past President Angela Hewitt for her outstanding leadership during the past twelve months.

Cecil Konijnendijk van den Bosch

President-Elect  
Head of the Department of Landscape Architecture, Planning and  
Management, Swedish University of Agricultural Sciences

## AREA EXECUTIVE COMMITTEE

President

Gregory Dahle

President-Elect

Cecil Konijnendijk

Vice President

Andrew Koeser

Secretary/Treasurer

Eric Wiseman

Past President

Angela Hewitt

COR Representative

Dan Struve

## AREA Welcomes Andrew Koeser as Vice president



Andrew Koeser is an assistant professor of landscape management at the University of Florida Gulf Coast Research and Education Center in Tampa, Florida. A faculty member with Florida's Center for Landscape Conservation and Ecology, Andrew works to identify ways to reduce the inputs and maximize the functional lifespan associated with trees in urban areas.

Andrew is a Board Certified Master Arborist and past ISA headquarters staff member. In addition to his new position as Vice president of AREA, Andrew serves on the ISA Science and Research Committee and ISA Conference and Events Committee. He is also Chair of the Conference Program Committee.

Andrew and his wife, Stephanie, were recently blessed (August 26th) with their third daughter, Evelyn. While his family will need to take it easy for now, big sisters, Edith and Eliza, look forward to showing the newest Koeser their favorite spot—the beach!

### AREA Council of Representatives Call for Nominations

AREA is seeking nominations for their representative to the Council of Representatives. To submit a nomination for the position, please contact the ISA staff liaison to AREA, Wes Kocher, at [wkocher@isa-arbor.com](mailto:wkocher@isa-arbor.com). Nominations must be received by October 31, 2013.

As an ISA Affiliate, AREA has representation on the Council of Representatives (CoR). The CoR functions as the voice of ISA's component organizations, bringing and developing concerns of the components to the ISA Board of Directors. The AREA CoR representative is appointed by the AREA Executive Committee. The AREA CoR representative is expected to attend the annual CoR meeting, typically held the Friday before ISA's Annual Conference. The meeting lasts from 1 to 9 pm. The AREA CoR representative's costs associated with their attendance is partially subsidized by AREA.

## ISA Annual Conference Highlights

The Annual Conference in Toronto was wonderful opportunity to attend talks overviewing the current research directions in urban forestry and arboriculture and interact with colleagues from around the world. The AREA sessions were again well attended this year, thanks to the stellar lineup of presenters. The morning began with presentation from the five winners of the student travel grant. Each student received a complimentary conference registration from ISA and a \$500 travel grant. A quick count found over 50 people in the audience during the student talks and AREA thanks all that attended as it help demonstrate to the students that value of their research. The remaining talks were also well attended. In addition AREA hosted 13 posters on the trade floor.

The business meeting over lunch overviewed financial status and the current 2013-14 budget which went into effect on July 1. A short list of accomplishments over the 2012-13 year were discussed as well as ideas on how to increase student involvement in AREA and the annual conference.

### 2012-13 Accomplishments

- » The AREA newsletter underwent a layout revision
- » A new AREA logo was created and is now in use
- » A revision of the AREA website's content and layout was started
- » The relationship between AREA and the Urban Tree Growth and Longevity Working Group (UTGLWG) continued, creating new opportunities for growth in the municipal sector
- » The Collegiate Arboriculture Advancement Committee (CAAC) approached AREA about a partnership for increasing the industry's profile in K-12 and higher education
- » AREA supported arboriculture research through grants and sponsorships, including the Biomechanics Week 2013 research event in Kent, OH
- » AREA student membership has grown 60%, by providing free memberships to students

### AREA Student Travel Grant Winners

**John Clapp**, Conifers: Prominence, Use, and Benefits in the Urban Landscape. Oregon State University, College of Forestry.

**Joel Grogan**, For Good Measure: Establishing a Baseline for Agroforestry Projects in Haiti. University of Oregon, Landscape Architecture

## AREA Student Travel Grant Winners (continued)

**Jordan Harris**, Impact of *Xylella fastidiosa* on street trees in Washington, D.C. and possible management considerations. University of Maryland

**David Mitchell**, Evaluation of an Urban Soil Rehabilitation Technique Incorporating Compost into Subsoil in Arlington County, Virginia. Virginia Tech

**Alison O'Connor**, Landscape Transplant Success of Nursery-Grown Chanticleer Pear and Evaporative Water Loss from Three Container Types: Black Plastic, Root Pouch, and Smart Pot. Colorado State University, Department of Horticulture and Landscape Architecture

### AREA Student-Member Testimonials

Dear AREA Executive Committee,

It was an honor to be selected as an AREA recipient—not just in 2013 but also in 2012. I am so grateful to AREA and ISA to allow me to attend these international conferences and present my research findings. I found this year's conference in Toronto to be extremely valuable, both for the educational sessions and also the chance to network and meet some of my "tree heroes." I thoroughly enjoyed the entire conference and presenting my research to such a receptive audience. I received very positive feedback from attendees and plan to use their suggestions to improve my research.

As a student, having the opportunity to attend conferences is so valuable and one that more students should take advantage of. As I'm nearing the end of my degree, I have met countless professionals who have served as positive role models and encouraged me to succeed. I plan to enter academia when I'm finished, and hope that I can do this for future students. Thank you to AREA and ISA for the opportunity—I'm very appreciative.

Sincerely,  
Alison O'Connor, Doctoral Candidate, Colorado State University

Dear AREA Executive Committee,

I would like to thank you and the AREA executive committee for selecting me to speak at the 89th annual ISA conference in Toronto. I appreciate being granted the opportunity to attend numerous seminars regarding all aspects of arboriculture.

I was able to discuss my research with several attendees that were able to help me with my research thesis, particularly with their ability to introduce me to researchers with similar projects. The conference was a memorable one for me, it was the first time I've been exposed to public speaking. Being able to publicly talk about what I've researched, and listening to the feedback of fellow arborists was well worth the trip.

I certainly look forward to participating in future ISA venues.

Sincerely,  
Jordan Harris, Graduate Student, University of Maryland

Dear AREA Executive Committee,

I am honored to have had the opportunity to present at the 2013 ISA conference! It was so exciting to be part of the broad, passionate conversation on all things arboriculture. I am thankful for the student travel scholarship I was awarded, without which I would have been unable to attend the conference. I was particularly impressed with my fellow Arboricultural Research and Education Academy (AREA) student presenters. Having the opportunity to put forth and discuss my ideas about the importance of agroforestry projects was invaluable to my future pursuits in arboricultural practice and research.

Since this was my first time attending an ISA conference, I didn't know what to expect. Though I have a lifelong interest in trees and several generations of foresters in my family, I had never realized how many dedicated, innovative, and thoughtful people work in the arboricultural industry. Recognizing that there were so many parts of arboriculture I had never considered, such as vegetation management along electrical right-of-ways, has me eagerly anticipating next year's conference in Milwaukee. I hope to see you there!

Sincerely,  
Joel Grogan, Graduate Student, University of Oregon



AREA student award winners with Greg Dahle and Cecil Konijnendijk.

## AREA Sponsors Events to Support Arboriculture Research and Education Tree Biomechanics Week 2013

AREA was pleased to sponsor four student travel grants to attend Tree Biomechanics Week 2013, which took place at the Davey Research Farm in Shalersville, Ohio, August 12-16. The week-long research event was a scientific endeavor intended to provide researchers actively working in the area of tree biomechanics with an unprecedented opportunity to come together, generate questions, exchange experimental design ideas, and coordinate scientific efforts on a common site. With support from dozens of tree climbers, technicians, and volunteers, the researchers pushed forward our industry's understanding of tree biomechanics.

Practicing arboriculture professionals were invited to the research farm on Thursday, for a hands-on and interactive demonstration of the tree research being conducted. Some trees were pulled to failure, while others were only pulled a fraction of a degree. Root excavations were examined, limbs were dropped from cranes, and advanced wood assessment tools were tested. Attendees also partook in a symposium at the Davey Institute on Friday, where the researchers presented comprehensive descriptions of their biomechanics research.

Thank you to everyone who made Tree Biomechanics Week 2013 a resounding success!

## Selecting and Planting Trees: The Morton Arboretum Tree Care Conference

Selecting the right tree for the site and planting it correctly makes it more likely to live a long, healthy life and reduces maintenance costs.

AREA will be a lunch co-sponsor of this day-and-a-half-long conference on best practices and latest recommendations for urban tree selection and planting that is aimed at arborists, landscape contractors, landscape architects, municipal foresters, nursery growers, and other professionals. Speakers will include James Urban (author of *Up By Roots*), Guy Sternberg (co-author of *Native Trees for North American Landscapes*), and Gary Watson (co-author of *The Practical Science of Planting Trees*).

Attendees are eligible for ISA continuing education credit.  
Monday, November 18, and Tuesday, November 19.  
Register at [www.mortonarb.org](http://www.mortonarb.org).

## ISA 2014 International Conference Call for Papers: Online Submission



The International Society of Arboriculture is seeking proposals for presentations for its 90th Annual Conference, to be held in Milwaukee, Wisconsin, US, August 2-6, 2014.

The theme of the conference is **“Great Trees on a Great Lake.”**

ISA's annual International Conference and Trade Show is the world's premier gathering of arboricultural professionals, where practicing arborists and urban foresters come together with top researchers and educators to learn the latest in research, technology, and innovations in arboriculture and urban forestry.

Proposals now are being accepted for:

- \* Individual presentations (30, 45, or 60 minutes)
- \* Symposia or panels (1.5 or 3 hours)
- \* Tree Academy workshops (3 or 6 hours)
- \* Climbers' Corner demonstrations (45 minutes, indoors on trade show floor only)
- \* Professional Affiliate presentations (30 or 60 minutes for AREA, SMA, and UAA sessions)
- \* Poster presentations

Proposals will be evaluated based upon overall quality, appropriateness and timeliness of topic, well-defined focus, practical application of material, and the subject's interest to a diverse audience.

Speakers whose presentations are selected will be required to sign a confirmation agreement and submit additional details in advance of their presentations.

Only proposals submitted online  
[www.isa-arbor.com/events/conference/submitPresentation.aspx](http://www.isa-arbor.com/events/conference/submitPresentation.aspx) will be accepted.

**The deadline for submissions is Wednesday, November 20, 2013.**

## Claudia Coleoni—Summer 2013 ISA Intern



As the recipient of the 2013 ISA Student Summer Fellowship, I spent the last couple of months working in the Educational Goods & Services department at ISA headquarters, and recently attended the ISA Annual International Conference and Trade Show in Toronto, Canada. I was delighted to become a member of AREA this summer after I learned that my ISA membership includes a free AREA student membership. I enjoyed meeting a lot of AREA members at the ISA conference, and I hope to stay in contact with you after I return to my native Brazil. The opportunity to network with researchers and educators from around the world was truly exciting!



At the conference, I presented a poster about the condition of the urban forest in the city of Bloomington, Indiana, and the development of a protocol to update the city's street tree inventory. This was a project I produced while taking an urban forestry course at Indiana University.

In addition to presenting the Bloomington street tree project at the conference, I took part in many other activities during the summer: updating the Careers in Arboriculture tool on the ISA website (<http://www.isa-arbor.com/students/careersInArboriculture/commonCareerPaths.aspx>); helping organize the Student Early Career events at this year's ISA conference; reviewing and revising articles on the subject of urban forestry; and contacting the ISA Brazilian Chapter to learn more about ongoing research in my country.

I have thoroughly enjoyed my experience at ISA and with AREA. The two organizations' approaches to arboricultural research and education have certainly motivated me to apply myself and pursue my career goals in sustainable, social-ecological systems with a passion. Academically and professionally, I plan to earn a master's degree in natural resources management and policy and become more involved with developing solutions to global environmental challenges and effective governance. I also look forward to contributing to the internationalization of arboricultural education and research in Brazil, as well as doing my part to *foster a greater worldwide awareness of the benefits of trees.*

Thank you, ISA and AREA!

## Scholarships

### Annual Bartlett Foundation Scholarships Available for Arboriculture and Urban Forestry Students

Applications due by October 1, 2013

The Bartlett Tree Foundation, Inc., provides financial assistance for selected students of arboriculture, horticulture, forestry, and related disciplines at both two-year and four-year colleges and universities. Bartlett Foundation scholarship endowments have expanded since its founding in 1985, and it awards over \$50,000 annually through two scholarship programs: Foundation Schools and At-Large Scholarships.

Currently there are twenty-eight Foundation School with a dedicated scholarship, and each school utilizes its own criteria to select one or more awardees each semester.

The At-Large Scholarships are competitive and available to students at both Foundation-supported schools and at other two- and four-year colleges and universities that have programs in horticulture, arboriculture, or urban forestry.

For more information, please visit the Bartlett Foundation website at:

[www.bartletttreefoundation.org](http://www.bartletttreefoundation.org)

### Foundation Schools

Allegany College of Maryland  
Brigham Young University  
California Polytechnic State University  
Central Piedmont Community College  
Clemson University  
Mid-State Technical College  
North Carolina State University  
Paul Smith's College of Arts & Sciences  
Penn State University-Mont Alto  
Pennsylvania College of Technology  
Purdue University  
Rutgers University  
Steven F. Austin State University  
SUNY – College of Environmental Science and Forestry

SUNY-Farmingdale State University  
Texas A&M University  
The Williamson Free Trade School  
Unity College (Maine)  
University of Florida-Gainesville  
University of Georgia-Athens  
University of Maryland-College Park  
University of Massachusetts-Amherst  
University of Pennsylvania  
University of Rhode Island  
University of Wisconsin-Stevens Point  
Virginia Tech  
West Virginia University  
Western Illinois University

## Davey Tree Expert Company Arbor Grant: Scholarships Assist College Students in the Green Industry

Applications due by September 27, 2013

In 1880 John Davey began his tree care business in Kent, Ohio and immediately put an emphasis on education and training. He spent as much time with people as he did with trees and enjoyed teaching his clients and employees about all aspects of caring for trees, shrubs and landscape plants. In 1901 John Davey published "The Tree Doctor," the first comprehensive book on the topic of arboriculture, and in 1909 organized and taught The Davey Institute of Tree Surgery, the first intensive training course focused on tree care. As a testament to his legacy the Davey Institute of Tree Sciences continues to be the most comprehensive training session for employees in the industry.

The Davey Tree Expert Company also reaches well beyond the ranks of their employees to provide educational support to students with an interest in trees. Each year the Davey Foundation sponsors the Davey Arbor Grants, a merit-based scholarship program that provides \$1,000 awards to college students. College scholars from across North America are encouraged to apply for the grants, which are awarded annually in October.

To be eligible, a student must be enrolled in a 2 or 4-year program that focuses on forestry, urban forestry, arboriculture or "green industry" related field. Awards are based on the student's academic history, a letter of intent, as well as a reference from a faculty member of their choice.

In 2012, forty \$1,000 Arbor Grants were awarded to students representing 32 colleges and universities. Davey expects to award a similar number of Arbor Grants in 2013.

Applications for Davey Arbor Grants are due in September. Additional information can be obtained by sending an e-mail to [education@davey.com](mailto:education@davey.com)

## Upcoming Events

PNW-ISA ATC 2013 - Surrey, British Columbia

September 22, 2013

Sheraton Vancouver Guildford Hotel, Surrey, British Columbia

For details, see: [www.pnwisa.org](http://www.pnwisa.org)

2013 ISA-RMC Annual Conference

September 26-27, 2013

Little America Hotel & Resort, Cheyenne, Wyoming

For details, see: [www.isarmc.org](http://www.isarmc.org)

Texas Chapter ISA 34th Annual Texas Tree Conference:  
"Branching Out"

October 2-4, 2013

Waco, Texas

For details, see: [www.isatexas.com](http://www.isatexas.com)

2013 ISA Prairie Chapter Conference

October 7-9, 2013

Ramada Conference Centre, Edmonton, Alberta

For details, see: [www.isaprairie.com](http://www.isaprairie.com)

MAC-ISA Annual Meeting 2013

October 14-15, 2013

Fredericksburg Hospitality House, Fredericksburg, Virginia

For details, see: [www.mac-isa.org](http://www.mac-isa.org)

Illinois Chapter Conference & Trade show

October 21-23, 2013

Tinley Park Convention Center, Tinley Park, Illinois

For details, see: [www.illinoisarborist.org](http://www.illinoisarborist.org)

New England Conference & Trade show

November 3-5, 2013

Crown Plaza Hotel, Warwick, Rhode Island

For details, see: [www.newenglandisa.org](http://www.newenglandisa.org)

## Green Infrastructure and Water Management in Growing Metropolitan Areas

14 – 16 January 2014

Patel College of Global Sustainability at the University of South Florida  
Tampa, Florida, U.S. A.

### Call for Abstracts

Green infrastructure can be an effective and efficient means of managing stormwater flows and pollutant loading. Beyond these core functions, green infrastructure offers multiple ecosystem services and health and well-being benefits— offering a significant advantage over conventional gray infrastructure. Despite these noted benefits, municipal leaders face significant challenges when attempting to implement green infrastructure strategies in new and existing development.

Green Infrastructure in Growing Metropolitan Areas will address the challenges and opportunities surrounding green infrastructure. The event will bring together scientists, engineers, urban planners, and urban natural resource managers to highlight the latest developments in the science behind of green infrastructure, illustrate new and innovative policy, demonstrate innovative engineering techniques, and outline emerging urban design models useful in protecting the water resources within the world's growing metropolitan regions.

Practitioners and researchers from across the full range of engineering, urban and landscape design, natural resource management and social science disciplines are invited to submit abstracts for oral and poster presentations. The abstracts should cover one out of the four conference topics:

- 1. Defining the Benefits of Green Infrastructure:** Theme will focus on scientific foundation of the use of green infrastructure in managing urban water, including surface water and ground water recharge, as well as identify the gaps in our present knowledge.
- 2. Barriers to Green Infrastructure Implementation:** Theme will focus on scientific inquiry and cost-benefit analysis that address the perception that performance is unknown, concerns about regulatory agency acceptance of green infrastructure, maintenance requirements and costs, conflicting legal mandates, and the lack of staff expertise.

- 3. Funding Green Infrastructure Design, Implementation and Maintenance:** Theme will focus on investigations into the true economic costs and benefits of transforming a municipal gray infrastructure system into a mixed gray-green system and the implementation costs, as well as long-term maintenance costs of green infrastructure.
- 4. Implementation Strategies for Governments, Communities and Developers:** Theme will address the organization and implementation of public policy, including land planning regulation and green infrastructure site development procedures.

Submitted abstracts will be reviewed by the Green Infrastructure in Growing Metropolitan Areas scientific committee. The authors of the accepted abstract will be notified by October 15, 2013. The authors must confirm their attendance by registering for the conference by December 15, 2013. The accepted and confirmed abstracts will be published in the conference proceedings of the “Green Infrastructure and Water Management in Growing Metropolitan Regions Conference”. After the conference, selected abstracts will be invited to contribute a full-paper to a special edition of a journal.

**Conference Organizers:** University of South Florida's Patel College of Global Sustainability and the University of Florida IFAS with additional financial support from the U.S. Forest Service.

**Abstract Submittal:** Download abstract template and submit abstract to:  
<http://usfweb3.usf.edu/PGS/abstractform.aspx>

### Important Dates:

September 15, 2013	Deadline to Submit Abstracts
October 15, 2013	Notification of Abstract Acceptance
December 15, 2013	Deadline for Early Registration
January 6, 2014	Deadline for Registration

**Registration & Logistics:** Click <http://patel.usf.edu/patel-center/2014-green-infrastructure-conference> (contact [skoures@usf.edu](mailto:skoures@usf.edu) if you have trouble viewing website.)

**Contact:** For questions and conference details please contact Bessie Skoures at [skoures@usf.edu](mailto:skoures@usf.edu)





## Call for Papers



Following our highly successful international conference in April 2011, the Call for Papers is now open for next year's **Trees, People and the Built Environment II** – the significant platform to showcase the latest vital research on urban trees and urban forests.

The main aims of this important research event are to identify:

- Completed research that remains relevant,
- Research being undertaken currently, and
- Gaps in research where future efforts need to be focused.

The conference recognises the wide range of organisations and disciplines whose work relates to urban trees and we expect the event to be another valuable step forward in working together. While the conference will be hosted by the Institute of Chartered Foresters as its 2014 National Conference, the event is a **partnership initiative** that is supported by a Conference Steering Group who will guide the programme content and format. The Conference Partners are:

The Arboricultural Association, Ancient Tree Forum, Bartlett Tree Research Laboratories, Forest Research, Forestry Commission, Institute of Chartered Foresters, Institution of Civil Engineers, International Society of Arboriculture (UK & I Chapter), Landscape Institute, London Tree Officers Association, Municipal Tree Officers Association, Myerscough College, National Association of Tree Officers, Natural England, Royal Institute of British Architects, Royal Institution of Chartered Surveyors, Trees and Design Action Group, University of Birmingham, University of Manchester, Utility Arboriculture Group.

Consultative supporters: English Heritage, Green Infrastructure Partnership, Royal Town Planning Institute

Picture top left courtesy of Birmingham City Council

### Conference Focus

Urban trees and woodlands are essential elements of our green infrastructure and play a vital role in promoting liveable and sustainable towns and cities. The urban forest can have numerous environmental, economic and social benefits, contributing enormously to the health and welfare of everyone who lives and works in urban areas.

**Trees, People and the Built Environment II** provides a first-class venue and framework for the dissemination of the vital research that is being carried out in the fields of urban trees and urban forests research.

### Conference Papers

Papers are welcomed that address any topic involving trees and the built environment, in both the social and natural sciences. These will be either:

- **Original research papers** presenting new work in a specific subject area.
- **Review papers** covering existing and ongoing research in a broad subject area (such as tree pathology, urban forest governance, tree establishment, community involvement, trees and urban design, urban forest mapping, biodiversity, etc). This type of paper is also expected to indicate where future research in that field might be focused.

While there will be papers focusing on the UK, it is important that we learn from the broadest expertise. So, as the conference will have an international perspective, **papers from overseas authors are very welcome**.

Papers will be reviewed by a panel of academic and industry specialists from the Conference Steering Group. Authors whose papers are then selected will be invited to present their work at the conference. Most presentations will last no longer than 30 minutes. The papers accepted will be peer-reviewed and appear in a publication of the conference proceedings. Those authors who are not successful will be given the opportunity to present a poster at the conference.

For interest, click to download the [2011 Conference Proceedings](http://www.forestry.gov.uk/pdf/FCRP017.pdf/$file/FCRP017.pdf)

### Submitting an Abstract of your Paper

Please send an abstract of not more than 300 words. All submissions must comply with the following:

- Have a title, authorship (including affiliation),
- Have no more than 5 keywords
- Identify if it is an original research paper or a review paper
- Be submitted electronically and in Word format, to be received by: **12 noon GMT on 21 October 2013**

Authors whose papers are selected will be notified by 11 November 2013. Full papers of selected presentations must be received by 3 March 2014 without exception in accordance with instructions.

The author or main author of selected papers will be given a complimentary place at the conference and will have their travel and accommodation expenses reimbursed in accordance with conference guidelines for speakers.

**Abstract submissions and academic enquires should be directed to:**  
**Dr Mark Johnston, Myerscough College, UK** Email: [mjohnston@myerscough.ac.uk](mailto:mjohnston@myerscough.ac.uk)



### For Further Information

Including sponsorship/support, attending, posters, exhibiting, the special dinner, contact: **Allison Lock at the Institute of Chartered Foresters**

Email: [allison.lock@charteredforesters.org](mailto:allison.lock@charteredforesters.org) or Tel: +44 (0) 131 240 1425  
Or visit: [www.charteredforesters.org/conference2014/](http://www.charteredforesters.org/conference2014/)

Join us [on LinkedIn](#) and stay up-to-date with the latest conference news.  
(<http://www.linkedin.com/groups/?=&gid=3848875>)



## Grant and Funding Opportunities

Applications Will be Available for the  
Following Grants:

John Z. Duling Grants

Jack Kimmel International Grants

The TREE Fund's research grants have contributed to improvements in plant management techniques, industry safety practices and equipment, and strategies for disease and pest control. We offer grants in the areas of Root and Soil Management; Planting and Establishment; Plant Health Care; Risk Assessment and Worker Safety; Technology Transfer; Urban Forestry; and Arboriculture Education. Contact the TREE Fund <http://www.treefund.org/grants/research-grants/duling> to learn more about these grant opportunities:

John Z. Duling Grants (up to \$10,000; October 1st annual deadline): provide "seed" funding for new, innovative research projects. Apply Online <http://fs2.formsite.com/TREEFund/JohnZDulingGrant/index.html>.

Jack Kimmel International Grants (up to \$10,000; October 1st annual deadline): provide funding for arboriculture research projects all over the world. Apply Online <http://fs2.formsite.com/TREEFund/form858476841/index.html>.

Before applying for a grant, carefully read Grant Guidelines. Applications that do not contain all the requested information may be denied. Contact the TREE Fund [www.treefund.org/contact](http://www.treefund.org/contact) with questions about grant programs, the application process, and program category selection.



### 2014 ISA CONFERENCE STUDENT TRAVEL GRANTS

The Arboricultural Research and Education Academy (AREA) recognizes the importance of scientific and industry meetings as an educational and networking opportunity for student arborists. Furthermore, AREA realizes that travel to professional meetings can place a significant burden on budding tree care professionals coping with tuition payments, student fees, and reduced income.

To facilitate growth of future professionals—and ultimately, the profession as a whole—AREA has established a competitive travel grant program for all students interested in attending the **2014 International Society of Arboriculture Conference in Milwaukee, Wisconsin, USA**.

Five (5) **\$500 (USD)** grants will be awarded to the top applicants in an effort to offset travel costs and leverage additional travel funding from advisers, departments, and other entities.

All grant recipients are required to give a 10-minute presentation on their research during the AREA session in Milwaukee (**Wednesday, August 6, 2014**). In addition, all awardees will receive a complimentary full conference registration and one ticket to the AREA Annual Business Meeting and Luncheon. Those students in attendance will be encouraged to briefly describe their conference experience as part of the business meeting and luncheon.

An electronic copy of the grant application materials should be prepared **by the student** and e-mailed to [AREA](mailto:AREA@isa-arbor.com) **by the deadline of Friday, February 14, 2014**.

**NOTIFICATION OF AWARDS:** The AREA Executive committee will review the travel proposals within two weeks of the submission deadline. Notifications will be sent to all applicants shortly thereafter. Travel grant funds will be awarded as reimbursements after the conference to those who attended the event and made their presentations.

#### **Application Requirements**

1. **Complete the application cover sheet** (next page).
2. **Include a Brief Statement of Interest:** Please include a brief statement of interest (1-page maximum) that provides: 1) a brief biography; 2) a short justification detailing your merits as student in the tree care profession; and 3) a brief explanation of how attending the ISA conference will benefit you academically and professionally.
3. **Include an Abstract** of your proposed 10-minute research presentation (1-page maximum). Students who already have submitted abstracts for oral presentations (in response to the 2014 general Call for Papers) should include a copy of that abstract.
4. **Request a letter of support from your faculty adviser;** he/she must e-mail it directly to AREA by the deadline of February 14, 2013.

**E-mail** all required application materials by **Friday, February 14, 2013** to: [AREA@isa-arbor.com](mailto:AREA@isa-arbor.com).

## Employment Opportunities



**Position Available:** Tree Conservation Specialist

**Classification:** Full-time, Exempt

**Department:** Science and Conservation

The Morton Arboretum is the leading tree-focused public garden in the world, with plant collections, scientific research, education programming, and visitor services that promote the planting and conservation of trees for a greener, healthier, and more beautiful world. Located on 1,700 acres 25 miles west of Chicago, the Arboretum operates with a 300-person staff and 1,000 volunteers to welcome 800,000 visitors per year and serve 35,000 members. With a 90-year history, a tradition of high standards, and a dedication to excellence, the Arboretum pursues its vision to be the leading center of tree expertise through on-site, regional, national, and international initiatives. The institution is accredited as a museum and as an arboretum.

**General Summary:** The Tree Conservation Specialist provides management support for leading the Arboretum's strategy and action for global tree conservation efforts and is responsible for assisting in the planning, integration, fundraising and development of external partnerships, and implementation of the Arboretum's tree conservation goals.

### Job Qualifications

#### Previous Training and Experience

M.S. in plant science or conservation biology required, ideally in a discipline related to or with a focus on tree science and conservation. At least 3 years experience in a conservation or environmental related organization, ideally in a public garden and/or international setting. Strong interest in and broad knowledge of trees and issues related to conservation. Excellent organizational skills and a capacity to function independently are essential. Ability to comprehend scientific literature, research results, learn and use computer programs through self-study. Strong communication and interpersonal skills required. Flexibility, project coordination experience, and the ability to work well with all levels of staff and management both internally and externally. Requires strong computer and internet research skills with proficiency at managing files, records, preparation of graphics/visual material. International experience is desired.

#### Physical/Mental Requirements

Ability to participate and support the development of tree species conservation initiatives. Demonstrated skills including program coordination and development, goal implementation, budget oversight, grant writing, and partner/public relations. The position will require a high degree of skill in understanding tree conservation issues, interacting with people, internally and externally, in forming collaborations with partner institutions, and in assisting with developing opportunities for funding via foundation and governmental grants. Must be an energetic, flexible, and self-motivated individual with an enthusiastic, positive and constructive attitude. A proven skill, intellectual curiosity and understanding of trees, conservation issues, and the mission of the Arboretum are required.

#### Working Conditions

1. Work is performed primarily in an office or meeting setting.
2. Requires prolonged periods of sitting.
3. Some domestic and international travel is required.

If interested, please forward letter, salary requirements, and resume or application, to The Morton Arboretum, Human Resources, 4100 Illinois Route 53, Lisle, IL, 60532-1293, or email to: [jobs@mortonarb.org](mailto:jobs@mortonarb.org).

**The Morton Arboretum is an equal opportunity employer committed to achieving a diverse workforce.**