

AREA Board Members

Past-President - Jason Grabosky
Acting President - Laura Jull
Vice President - Laura Jull
Treasurer - Dan Struve

Announcements!!

To view the proposed changes to the AREA Constitution
[click here!](#)

To view a draft of AREA's Policy and Procedures
[click here!](#)

To view AREA's Financial Report
[click here!](#)

Message From AREA Acting President

Dear AREA members,

As the Acting President for AREA, I would like to formally invite you to attend the International Society of Arboriculture 83rd Annual Conference and Trade Show in Honolulu, Hawaii, July 28-Aug. 1, 2007. There is a great line-up of national and international speakers at the conference, as well as at the AREA professional affiliation day on Wed., Aug. 1. I would also like to encourage your attendance at the AREA Annual Business Meeting and Luncheon. The cost for the luncheon is \$35 and will include a delicious luncheon. During our luncheon, we will have our annual business meeting and elect new officers. To register for tickets for the luncheon, please complete the ISA Annual Conference and Trade Show Registration Form and check the box at the bottom in Section Eight: Optional Conference Activities for the Arboricultural Research and Education Academy Luncheon and fax your form or register online. Please register as soon as possible as we will need a final headcount for ordering lunches soon.

I hope to see as many of you as possible at the ISA Conference, the AREA Professional Affiliation Day and the AREA Business Meeting and Luncheon. We will be voting on changes to our Constitution too.

Aloha!
Laura Jull



AREA Election of Officers and Call for Nominations

Election of new Arboricultural Research and Education Academy (AREA) officers will take place at the International Society of Arboriculture 83rd Annual Conference and Trade Show in Honolulu, Hawaii on Wed., Aug. 1, 2007. Please read over the job descriptions below and nominate someone for a position or nominate yourself. Please send your nominations to: Steve Bevil, ISA Science and Research Manager at sbevil@isa-arbor.com. Steve will compile the nominations and present them at the AREA Annual Business meeting and luncheon where members will be allowed to vote. The business meeting and luncheon will be held on Wed., Aug. 1 from noon to 1:30 p.m. at the ISA Annual Conference in Hawaii. Please consider running for one of these important positions. It is strongly suggested that the candidate running for election be present at the AREA business meeting in Hawaii. You do not need to be a university professor to run for office.

AREA was established to provide a network that encourages communication and coordination among scientists and educators working in arboriculture and urban forestry.

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Membership consists of persons employed in or retired from the scientific and educational community and others who are interested in the advancement of education, research, arboriculture, and urban forestry. Membership currently is at 510.

AREA's Executive Committee consists of the four officers and the immediate Past-President. The Executive Committee is responsible for the programs, affairs, and activities of the Academy. Officers are expected to be in attendance at all Executive Committee meetings, conference calls, and meetings of other committees on which they serve as AREA representatives.

Immediate Past-President: Jason Grabosky, Rutgers University

Duties: Serves as the liaison to the ISA Board of Directors and attends their annual meetings. Presents a report of the activities of the ISA Board of Directors at the annual AREA business meeting. Serves on the AREA Executive Committee and assists the President when needed.

Officer Positions Up for Election:

President:

Duties: Preside at all meetings and act as Chairman of the Executive Committee Responsible, with the help of the ISA Science and Research Manager, for development of the quarterly AREA E-newsletter. Representative to the ISA Science and Research Committee (SRC) and attend their meetings. Presents a report of the activities of the SRC at the annual AREA business meeting. Establish, with the help of the Executive Committee, an AREA annual budget before the annual conference. Introduce speakers at the AREA research conference. Actively recruit new AREA members.

President-Elect:

Duties: Perform the duties of the President in his or her absence. Representative to the ISA Conference Program Committee (CPC) and actively participate in their meetings and conference calls. Coordinate a peer-review committee for evaluating AREA abstract submissions (for presentations at annual conference). Plan the AREA Professional Affiliation Day at the annual conference and arrange for speakers and poster presenters (Wednesday). Alternate representative to ISA Board of Directors in Past-President's absence.

Vice-President:

Duties: Perform the duties of Secretary-Treasurer in their absence. Preside during the President's and President-elect's absence. Representative to the ISA Student Activities Committee (SAC) and attend their meetings and conference calls. Presents a report of the activities of the SAC at the annual AREA business meeting. Coordinate, with the President-Elect and President, the AREA Student Research Competition at the annual conference.

Secretary-Treasurer:

Duties: Collect and disburse the money of the Academy under the direction of the Executive Committee. Keep all financial records and balance checking account with bank statements. Presents a report of the financial condition of the Academy at the annual meeting. Record and distribute AREA annual meeting minutes to all AREA members within three weeks of the annual conference. Record minutes of the Executive Committee meetings and conference calls and distribute them to the Executive Committee members within two weeks. Maintain, with the help of the ISA science and research manager, the AREA membership database.

ISA Speakers Bureau

Do you need a professional speaker? ISA's Speakers Bureau provides easy access to a wide range of speakers in the field of arboriculture. Speakers in ISA's database cover a full array of topics including pruning, tree risk assessment, climbing and rigging, tree biomechanics, and much more. For more topics and the roster of speakers, [click here](#).

Trees Are Good Image Database

ISA now has an image database active at www.treesaregood.org. There is a large need for images to populate this database. If you have some images that help demonstrate proper tree techniques or other tree related topics, send them to Sonia Garth, ISA public and industry relations manager at sgarth@isa-arbor.com.

These images will be available to others in the industry and the public for educational purposes, as well as to the media for illustrations. Please be sure to include all information so the images receive the proper photo credit.

Arborist News Applies for BPA Worldwide Membership

BPA Worldwide will track circulation based on distribution, demographics, and geographic coverage as part of the worldwide business publication membership. The initial circulation audit will span 12 months. A BPA audit will increase advertiser confidence that circulation claims are accurate, and they will have verified data that will help assess the publication's effectiveness in serving the arboriculture market. To find out more about BPA Worldwide, please [click here](#).

AREA Annual Business Meeting Agenda at ISA Hawaii Conference Wednesday, August 1, 2007

12:00-12:30 p.m.

Proceed into Hilo Room for AREA luncheon and eat lunch

12:30-1:30 p.m.

AREA Annual Business meeting and election of new officers

- 1) Introduction of AREA officers and special guests
- 2) What is AREA and what have we done this past year
- 3) Introduce graduate student oral presenters and give them their travel awards
- 4) Discuss and vote on AREA Constitution proposed changes
- 5) Discuss AREA Policies and Procedures and need to complete them with new officer input
- 6) Discuss AREA Strategic Work Plan and Timeline
- 7) Science and Research Committee (SRC) report and collaboration with AREA
- 8) Conference Program Committee (CPC) report
- 9) Student Activity Committee (SAC) report
- 10) ISA Board of Directors report (Jason Grabosky)
- 11) AREA Financial report
- 12) AREA budget for this coming fiscal year
- 13) Proposal for increasing AREA membership dues, rationale, discussion, and vote
- 14) Duties of AREA officers, introduction of candidates for AREA officer positions, discussion, and vote

1:25 p.m.

Adjourn and return to conference room for AREA research talks

ISA Annual Conference Registration Update

Housing for the ISA Annual Conference in Honolulu, Hawaii is sold out, but registration is still available!

[Click here](#) to register for the conference. For weekly conference updates, [click here!](#)

Check Out What Hawaii has to Offer

If you're planning to attend the 2007 ISA conference in Hawaii and perhaps spend some additional time vacationing on the islands, some advance travel planning will pay off. If you're a first-time visitor to Hawaii, having some first-hand insights can be helpful.

Below are some resources that provide a wealth of information on opportunities and activities.

www.gohawaii.com
www.hawaiiweb.com
www.robertshawaii.com

Arboriculture & Urban Forestry (AUF) Online Submission

Authors wishing to submit a manuscript to the *AUF* must use the new Web-based system at <http://mc.manuscriptcentral.com/auf>.

Please send questions to Peggy Currid at pcurrid@isa-arbor.com.

Increasing AREA Annual Dues from \$10 to \$25

AREA's annual dues for membership are only \$10 a year. The revenue generated from the dues supported the educational program at the ISA Annual Conference and Trade Show. For the longest time, this was the main purpose to AREA. Now is the time to do more. Many new opportunities exist to encourage communication and coordination among scientists and educators working in arboriculture and urban forestry through physical, biological, ecological and the sociological sciences.

Only recently did other outreach programs begin to appear. The quarterly electronic newsletter and the AREA website area.isa-arbor.com now are available to members. To encourage and enable future growth administrative assistance is needed. ISA voluntarily supported our efforts in the past and now the workload is beyond volunteer time commitments and priorities.

The newsletter and website, though very cost effective, still require time to produce and maintain. With new strategic opportunities, AREA will need to invest additional time and capital. The best way to meet our existing service requirements and future growth is to increase AREA dues from \$10 to \$25.

In the overall scheme of other groups vying for membership dollars, \$25 is a bargain. Other ISA professional affiliations annual dues are \$25 (UAA), \$35 (SCA), and \$75 (SMA). Chapter dues range from \$30 to over \$100. Most are in the \$40 to \$50 range. From a price perspective, AREA is very competitive. From a member value perspective, AREA has plenty of room for growth. Take the UAA as a comparably priced membership. They send out a 40 page, four-color magazine every quarter, provide money for grant projects, organize six regional conferences, and other with a paid half-time administrative coordinator and part-time Executive Director.

ISA's Science and Research Manager, Steve Bevil, is only available from ISA for another year only as a volunteer. After that, AREA will need to pay for administrative services. All other ISA Professional Affiliations contract with ISA for some level of services. Administrative economies of scale and association expertise are primary reasons for contracting with ISA. The estimated costs for coordinator services for AREA is around \$23.58/hr. For web site programming requiring an IT person the price is about \$32.75 an hour. If we need an executive director level, it is \$58.95.

Having consistent administrative services opens huge growth opportunities for AREA. AREA can consider upgrading and maximizing the AREA web site so it becomes a premier informational resource for researchers and educators. Job announcements in academia, research, and industry could be posted on the AREA web site in addition to advertisement of graduate student assistantships and fellowships. Other sources of information to include on the web site are: posting of research abstracts presented at ISA conference, database of the AREA members and what area of expertise they have (either research or educational area), database of all educators at two and four-year colleges that offer either arboriculture, urban forestry, or ornamental horticulture, etc. The Science and Research Manager works closely with the AREA President to develop four AREA email newsletters each year.

Another reason for the proposed increase in AREA membership dues are the student travel awards. AREA would like to continue to offer graduate student travel awards for

SAC Takes Action to Boost Student Membership

The ISA Student Activities Committee met at the Morton Arboretum June 12-14, 2007 to develop their 2007-08 plan of work. Participants emphasized the importance of recruiting new ISA members during their college years and serving as a bridge between these students and potential employers. With these goals in mind, the committee is seeking "student champions" within each chapter. The champions will work on behalf of the arboriculture students in their area and involve them in chapter activities. Interested ISA members should contact Dr. Harvey Holt at holth@purdue.edu.

In addition, the committee is developing recruitment posters, how-to packets for chapters and club advisors, and regional student events. Chapters interested in partnering with SAC on a student event are encouraged to contact the committee.

In the long term, SAC recognizes the need to market arboricultural careers at the K-12 level. Committee members are developing a K-12 "outreach toolbox" that arborists can use to make presentations at their local schools. Through these and other activities, SAC aims to double student membership within the next three years and to retain former student members as enthusiastic professional members of ISA.

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their oral presentations. In addition, we would like to extend this travel award to student poster presenters, but at this time, we do not have the money in the budget.

In addition, travel by the Past-President to attend two ISA Board of Directors meetings will need to be partially or fully funded by AREA. In the past, the AREA President has received partial reimbursement for their travel to attend the ISA Annual Conference and AREA Business Meeting. This is vital to stay connected with the dramatic growth of ISA. Many of us in academia do not have travel expense account and all of our travel either must come out of existing grants, if allowed, or our own pockets. Coverage of these two officers travel is a benefit of their continued service to AREA.

AREA would also like to prepare a membership application brochure to recruit new members. Currently, AREA does not have one. This 3-fold, colored brochure would be available at the ISA Annual Conference and other events and would serve as a good recruiting tool for new AREA members. In the brochure, we would list the benefits of becoming an AREA member.

Finally, with the increased cost of planning the AREA business meeting at the ISA Conference, AREA will need to partially subsidize the expenses to cover all the costs. The expenses are partially covered by ticket fees though the variability of venues can bring an inconsistency to expenses. To encourage the participation of attendees AREA partially subsidizes meeting expenses. This meeting acts as the primary strategic planning vehicle for AREA because of the connection to the arboricultural experts attending the conference.

Therefore, I would like to propose AREA Annual Membership dues be increased from the current \$10/year to \$25/year. We are open for discussion at the AREA Annual Business meeting and will vote on this manner at that time.

AREA Budget for Fiscal Year July 1, 2007-June 30, 2008

AREA Budget: Expenses

Travel: \$4,000 (more this year due to location of conference) (last year expenses were \$2000)

- Past President's (AREA representative) travel to attend two ISA Board of Directors meetings (Hawaii and other location to be determined in 2008)
- President's travel to attend ISA Annual Conference and AREA Business meeting

Student Awards: \$3,500 (last year expenses were \$2250 for student competition)

- Travel awards for all graduate students who are presenting their research orally during the AREA professional affiliation day at the ISA Conference. At this time, we do not have enough to cover both poster and oral presenters

AREA Luncheon: \$400 (two years ago, we spent \$203.86 to cover the costs above what we got in registration)

- Subsidize the AREA Annual Business Meeting Luncheon for charges not taken care of through registration for the luncheon. This is new this year as what we are charging for lunch (\$35/person) is not enough to cover all the costs of the lunch service.

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Annual Planning Session Held at Headquarters

Members of the ISA Executive Committee, committee chairs, and ISA staff came together May 4–5 to plan for the upcoming fiscal year. Participants utilized small group discussions to review and update the ISA Strategic Plan as well as an exercise working through a priority process for future ISA projects and products.

The weekend concluded with a review of the ISA 2007–08 proposed budget.

Records Were Made to be Broken

Thanks to a few hundred dedicated volunteers and a hard working, dedicated staff, the ISA Certification program continues to surge to new heights. Last month, ISA broke the 20,000 ISA Certified Arborist plateau.

ISA has passed its last year's record total of 3,000 applications, and now has hit a recertification rate of over 90 percent, for those whose certification expired in December.

ISA strives to make it a worthwhile investment of time and money to everyone who has an ISA credential.

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AREA purchase insurance through ISA: \$500 (last year expense was \$459.60)

-Required for us to purchase this insurance

AREA checking account fees (checks) and office supplies: \$50 (last year we spent \$20 for checks)

-Need to cover costs of ordering checks and miscellaneous office supplies (stamps, envelopes, etc.)

Total Budgeted Expenses for AREA for next year: \$8,450 (last year was \$5190)

Expenses are more this year due to seven graduate student travel awards and increased costs for officer travel to attend conference and ISA Board of Directors meeting in Hawaii.

AREA Budget: Income

AREA's sole revenue is from AREA annual membership dues collected by ISA: estimate at \$6,000 (last year income generated from dues was \$6,028.25)

Poster Presentations on the Trade Show Floor in Hawaii

*Poster presenters will be on the trade show floor Monday, from Noon to 1 p.m.

Hydraulic Flow, Mechanical Support and Canopy Form: Using the Hagen-Poiseuille Law, Pipe Model Theory and Bio-mechanics for Fractal Tree Canopy Modeling

Dr. Jason Grabosky, Associate Professor, Rutgers University, New Brunswick, NJ

Detection of Xylella fastidiosa Infection of Amenity Trees Using Hyperspectral Reflectance

Bernard Isaacson, Graduate Student, Cook College, Rutgers University, New Brunswick, NJ

Investigations of Exogenous Applications of Carbohydrates on the Growth and Vitality of Live Oaks

Tomas Martinez-Trinidad, Graduate Student, Texas A&M University, College Station, TX

Trends in Street Tree Survival in Philadelphia, Pennsylvania

Lara Roman, Graduate Student, Department of Environmental Science, Policy, and Management, University of California Berkeley, Berkeley, CA

Rain fall Interception by Urban Tree Canopies

Chris Stuhlinger, University System Forest Manager, University of Arkansas, Monticello, AR

Is Planting Depth a Significant Problem for Container Grown Trees?

Dr. Mike Arnold, Texas A&M University, College Station, TX

TREEFund Conference Events

The Monarch Room at the Royal Hawaiian Hotel (the Pink Palace, next door to the Sheraton Waikiki) is the new location for the TREE Fund's Raise Your Hand for Research Gala Auction and Reception Monday, July 30 from 5:30 to 8:30 p.m., hosted by ISA. Your \$20 per person registration (using the ISA conference form) will get you complimentary appetizers and the opportunity to examine and bid on more than 100 items including tools and equipment, travel packages, and exclusive handmade merchandise.

New this year, is an online auction from July 9 – July 29 at www.treefund.cmarket.com, where you can check out and bid on these items whether you're going to Hawaii or not.

If you have something to donate for the auction, please contact TREE Fund Special Events Manager Lynn Day at Lday@treefund.org.

Regarding the Tour des Trees "Shade Crusade," there will be two tree-planting celebrations in Hawaii instead of the previously announced one-day mini-Tour. The first planting is scheduled for Saturday, July 28 at the ISA field day on the campus of the University of Hawaii, Manoa. The second will take place Sunday, July 29 on the grounds of the Sheraton Waikiki.

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Impact of Mulching on the Soil CO₂ Fluxes in an Urban Forest Ecosystem Dominated by Live Oaks (*Quercus virginiana*)

Dr. Kamran K. Abdollahi, Urban Forestry Program Leader, Southern University Ag Center, Baton Rouge, LA

Trees and Urban Storm Water Management: A Good Partnership

Dr. Roger Harris, Virginia Tech, Blacksburg, VA

Soil Measurements as a Predictor of Tree Growth in Urban Sites

Dr. Susan Day, Virginia Tech, Blacksburg, VA

Effects of Soil Management Techniques on Growth and Physiology of Shade Tree Species

Francesco Ferrini, University of Florence, Sesto Fiorentino, Florence, Italy

Testing the Effectiveness of the Following Four Methods: Trunk Injection, Soil Injection, Simple Irrigation with Product, and a Control Against the Horse Chestnut Leaf Miner (*Cameraria ohridella*)

Dr. Daniele Zanzi, Modern Arboriculture Institute, Varese, VA, Italy

Research in the Community: Developing Applied Research Programs with City Foresters

Dr. John Lloyd, University of Idaho, Moscow, ID

**AREA Professional Affiliation Day at the ISA Annual Conference
Wednesday, August 1, 2007**

- 7:00-7:15 a.m.: Can We Fix It? Effect of Different Planting Depths on Lacebark Elm, Donita Bryan, Graduate Student, Texas A&M University
- 7:15-7:30 a.m.: Tree Stabilization, Ryan Eckstein, Graduate Student, University of Florida
- 7:30-7:45 a.m.: Impacts of Root Invigoration and its Individual Components on the Performance of Red Maple at Four Urban Sites in the Eastern United States, Kelby Fite, Graduate Student, Bartlett Tree Research Lab and Clemson University
- 7:45-8:00 a.m.: The Relationship Between Metal Concentration in Soil and Endemic Vegetative Assemblages on an Urban Brownfield, Frank Gallagher, Graduate Student, Rutgers University
- 8:00-8:15 a.m.: Effects of Tree Transport Stress on the Growth and Survival of Caliper Nursery Stock, Andrew Koeser, Graduate Student, University of Illinois
- 8:15-8:30 a.m.: The Impact of Deep Planting on the Growth and Vigor of Landscape Trees, Richard Rathjens, Graduate Student, The Ohio State University
- 8:30-9:00 a.m.: A PCR-Based Method for the Detection and Early Identification of Wood Decay Fungi as a Useful Tool in Tree Stability Assessment, Dr. Giovanni Nicolotti, University of Torino, Italy
- 9:00-9:30 a.m.: Infrastructure Repair and Street Tree Condition and Survival, Dr. Richard Hauer, University of Wisconsin-Stevens Point
- 9:30-10:00 a.m.: Break
- 10-10:30 a.m.: Combing Baldcypress Genotypes for Drought, Alkalinity, and Salinity Tolerant Genotypes, Dr. Michael Arnold, Texas A&M University
- 10:30-11 a.m.: Structural Soil and Porous Asphalt: Improving Tree Growth While Reducing Stormwater Runoff, Dr. Nina Bassuk, Cornell University
- 11-11:30 a.m.: The Influence of Urban Soil Condition and Modifications on Transplanted Tree Performance, Dr. John Ball, South Dakota State University

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- 11:30-noon: ^{15}N as a Tracer to Evaluate Fertilizer N Uptake and Partitioning in Out-Planted Immature and Mature Common Hackberry (*Celtis occidentalis*), Dr. Laura Jull, University of Wisconsin-Madison
- 12-1:30 p.m.: **AREA Annual Business Meeting and International Buffet Luncheon (Registration is Required)**
- 1:30-2p.m.: Translocation of Trunk-Injected Imidacloprid: Implications for Control of Emerald Ash Borer, Dr. Bert Cregg, Michigan State University
- 2-2:30 p.m.: Evaluating Hemlock Species for Arthropod Resistance, Hardiness, and Cultural Adaptability, Benjamin Hoover, Graduate Student, Penn State University
- 2:30-3p.m.: Tree People and Survey Research: Get It Right and Get It Published, Dr. Hallie Dozier, Louisiana State University
- 3-3:30 p.m.: Why Papers Don't Get Published, Dr. Bob Miller, Editor, *Arboriculture and Urban Forestry*