

## 2012 Pre-Conference Newsletter



Parent Society



### Southern Region

American Society for Horticultural Science



Member SAAS

#### In This Issue

page

Note From the President	1
Tentative Program Schedule	2
Pre-Registration and Registration Info	3
Hotel Information	3
Transportation Information	3
Birmingham, AL Attractions	3
Notes to Paper Presenters	4
Oral Paper Presentation Format	4
Poster Preparation Instructions	4
Abstract Preparation Instructions	4, 8
Note to Section Chairs and Judges	4
Fall 2011 Election Results	5
Future Meeting Dates	5
Dues and Membership	5
ASHS Certified Horticulturist Exam	6
2011-2012 Officers/Chairs/Committees	7
Abstract Preparation Guidelines	8
Pre-Registration Form	9

acquaintances and make new friends. Our meeting also provides a unique opportunity to lay the groundwork for competitive grants that require stakeholder involvement and multi-state collaboration. I'd challenge our affiliated national commodity working groups in particular to use this time to develop a targeted strategy for pursuing extramural funds. Don't just talk about the SCRI – come up with a pre-proposal idea during your meeting!

Also remember that our meeting is a great way to introduce the next generation of horticulturists to our Society. I'm excited to report that after a few years of low membership, the Oklahoma State University Horticulture Club will once again field a team to compete in the J. Benton Storey Horticulture Judging Contest. This is a hopeful sign, but I remain concerned about convincing young people to enter our profession. I plan to speak to this topic in my Presidential Address. If you'd like to get some background, I recommend you spend some holiday leisure time reading Richard Louv's landmark book, "Last Child in the Woods." Perhaps that book will strike a chord in you, as it has in me. Best wishes and I hope to see you in Birmingham. – Brian Kahn

#### Note from the President



Many of you are aware that your Southern Region President is a transplanted Yankee. The motto of my old home state of Connecticut is '*Qui Transtulit Sustinet*,' meaning "He Who Transplanted (Us) Still Sustains (Us)." I've

been firmly rooted in Oklahoma for almost 30 years, but have yet to experience the beautiful state of Alabama. I'm looking forward to our meeting in Birmingham and hope many of you will be able to attend. Your Section Chairs and other leaders, including our indefatigable Secretary-Treasurer David Reed, have worked hard to put together a quality program. It's always nice to renew

#### Tentative Program Schedule

A tentative program schedule appears on the following page. The exact times may change a bit as titles are added and/or deleted, but the day, blocks of time, and room locations should remain the same. The final Program will be emailed before the meetings and hard copies will be distributed at the meeting.

## Tentative 2012 Program at a Glance

### Friday February 3

Bldg	Room	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00
MFCC	Medical Forum A	Sweet potato SCRI									

### Saturday February 4

Bldg	Room	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00
SBH	Hotel Lobby	7:00 open Registration									
SBH	Birmingham Ballroom V/IX	Pecan Research & Extension Forum									
SBH	Birmingham Ballroom III	Southern Blueberry/Small Fruit Workers									
MFCC	Medical Forum A	National Sweet potato Collaborators									
SBH	Jefferson Boardroom 2	Certified Horticulturist					Horticulture Administrators				Executive Com.
SBH	Birmingham Ballroom IV	ACB Club Share			ACB Group Lunch			Depart for Activities or Tour			ACB Reception

### Sunday February 5

Bldg	Room	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	
SBH	Birmingham Ballroom Vestibule	7:00 open Registration										S U P P E R R T B Y O W L
SBH	Birmingham Prefunction	Poster Session Set-Up					Poster Session Viewing, Authors at Posters & Judging					
MFCC	Medical Forum JK	Judging Contest Set-Up					J. Benton Storey Horticulture Judging Contest					
BJCC	Birmingham Ballroom XII	Watermelon Research Group										
SBH	Birmingham Ballroom III	Vigna Crop Germplasm Committee					National Cowpea Improvement Association					
MFCC	Medical Forum A	National Sweet potato Collaborators										
SBH	Birmingham Ballroom XII	Extension Section										
MFCC	Medical Forum C									Education Sect.		
SBH	Birmingham Ballroom V/IX	Edmond UG Paper Comp.			Childers M.S. Paper Competition				Barham Ph.D. Paper Comp.			
MFCC	Auditorium Theater	SAAS General Session										

### Monday February 6

Bldg	Room	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	
SBH	Birmingham Ballroom Vestibule	7:00 open Registration										
SBH	Birmingham Prefunction	Poster Session Viewing					Poster Take Down					
MFCC	Medical Forum Auditorium	ACB Business Meeting			Business Meeting/Awards Prog.							
BJCC	East Meeting Room F	Vegetable Crops Section					Vegetable Crops Section					
BJCC	East Meeting Room G	Floriculture, Ornamentals & Turf Section					Floriculture, Ornamentals & Turf Section					
BJCC	East Meeting Room I	Fruit Crops Section					Fruit Crops Section					
BJCC	East Meeting Room H	PostHarvest & Biotechnology Section										

**Building Complex**

SBH - Sheraton Birmingham Hotel  
 BJCC - Birmingham-Jefferson Conference Center  
 MFCC - Medical Forum Conference Center

## 72nd Annual Meeting Birmingham, Alabama February 4-7, 2012

SRASHS will meet in conjunction with the Southern Association of Agricultural Scientist (SAAS). The Sheraton Birmingham Hotel will be the site for lodging. Meetings will be held in [Birmingham-Jefferson Convention Complex](#). The complex includes the hotel, the Medical Forum Building, and various other meeting room and entertainment facilities. For more pre-conference information go to: <http://saasinc.org/2012-Birmingham/Welcome.asp>

### Pre-Registration and Registration Information

The cost of Registration at the meeting and Pre-Registration prior to the meeting is at the same rate. Pre-Registration is fully refunded if you cancel at any time and for any reason. Therefore, everyone is **strongly encouraged** to Pre-Register. If you Pre-Register by check, cancellation refunds will be issued after the meeting. If you Pre-Register through the ASHS Registration Site, your cancellation refunds will be credited to your credit card.

### Pre-Registration Online (strongly encouraged)

**Deadline:** January 27, 2012

Go to the following URL to access the Southern Region ASHS Registration Site:  
<https://www.eventville.com/catalog/eventregistration1.asp?eventid=1008738>

We would like to thank Mike Neff at ASHS Headquarters for supplying this registration service.

### Pre-Registration by Mail (only if necessary)

**Deadline:** Must be received by January 27, 2012  
Fill-out the Pre-Registration Form at the end of the Newsletter or download the Pre-Registration form from the Southern Region web site (<http://srashs.org/Forms/forms.html>). Mail the completed Pre-Registration Form and check (personal, institutional, organization, foundation) to the Secretary-Treasurer. If needed by your University, the SRASHS Tax Number is T0001150.

### Registration at the Meeting

**Payment:** Credit card, check (personal, institutional, organization, foundation), or cash.

### Hotel Information

#### Sheraton Birmingham Hotel

2101 Richard Arrington Jr. Blvd. N  
Birmingham, AL 35203  
Phone: (205) 324-5000

#### Reservations:

<http://www.starwoodhotels.com/sheraton/property/overview/index.html?propertyID=115>

Make reservations online or call toll free 1-800-325-3535. All reservations must be guaranteed by major credit card. Cancellations must be made prior to noon on date of arrival. Group rates will also be effective 3 days prior to and 3 days after the SAAS meeting dates.

#### Reservation Deadline

5:00 pm CST, Friday, January 20, 2012.

#### Group Rates:

\$149/night for Single/Double  
\$159/night for Triple  
\$169/night for Quad

**Check in:** 3:00 pm **Check out:** noon

#### Hotel Parking

\$12/night; valet parking \$20.

#### Amenities

3<sup>rd</sup> floor health club, pool access, in-room coffee and tea, and daily newspaper.

#### Hotel Airport Shuttle

Go to "Buses and Limos Pickup" – Upper Level Door 3 in Airport. If not there, call Hotel at 205-324-5000.

#### Cancellation Policy:

Cancellations will be accepted up to 72 hours prior to arrival date. A \$50 fee will be charged for early departure if you do not advise the hotel at or before check-in.

### Airport and Directions

Birmingham Airport (BHM)

Travel Distance: Approximately 4.0 miles from Sheraton Birmingham Hotel  
Bessemer Airport

Travel Distance: Approximately 10.0 miles from the Sheraton Birmingham Hotel.

### Birmingham Attractions

Visit the Birmingham Convention and Visitors Bureau for area information.

<http://www.birminghamal.org/index.aspx>

## Notes to Paper Presenters

### Oral Paper Presentation Format:

Presenters must bring their presentation(s) as a Power Point presentation saved on a USB memory device or CD. It is advisable to bring your presentation on at least two storage devices for redundancy. If you would like to bring your presentation on any other storage form (Zip, Jazz, SD, etc.), check with the Chair ahead of time to make sure their computer will accept that form.

### Poster Preparation Instructions

**Size, Format and Font.** Poster presentations must fit with a 48" x 48" size. Abstract titles, names, and affiliations should appear on the top of the poster. A simple sans serif-face font (e.g., Helvetica) should be used. Lettering for the title should be at least one inch tall. Lettering for text and illustrations should range in size between 6 mm and 12 mm. The author's names and affiliations may be somewhat smaller. Authors are urged to include photographs to assist in author identification.

**Content.** Do not prepare a poster as if it were a manuscript. Primarily, use tables and figures and use limited verbiage. Details of the work can be provided in discussions with interested parties.

**Display.** Mount your poster in the numbered space on the poster boards that is the same as your poster number in the program. Push-pins or Velcro buttons may be used to hang posters. Pins/Velcro must be supplied by presenter—they will not be available on-site.

**Poster Competition.** Undergraduate and graduate students wishing to participate in the poster judging competition must have signed up for the competition at the time they submitted their titles to the Chair of the Poster Section. Limited numbers may be accepted at the meeting; check with the registration table.

### Abstract Preparation Instructions:

In order to publish abstracts: 1) one of the authors must be registered for the SRASHS conference (or one of the other groups), 2) the paper or poster must be presented in a conference session, and 3) the title must appear in the Conference Program. Prepare abstracts according to the "Instructions for Submission of Abstracts for Publication in *HortScience*" form at the end of the Newsletter. You also can obtain the instructions on the Forms link of the Southern

Region web site:  
<http://srashs.org/forms/forms.html>. Each abstract must be submitted as a separate Word (.doc) file. If you use another word processing language, save and submit the abstract as a rich text format (.rtf) file.

Email your abstract to the Chair before the meeting or you may submit the abstract in a file format to the Chair at the meeting. The Chair may give a few days grace period to send the abstract by email after the meeting. To be published, all abstracts must be formatted properly.

## Notes to Section Chairs and Judges

**Section Chairs:** The Section Chairs are responsible for bringing a laptop computer and projector for their Sections. If this is a problem, contact the Secretary-Treasurer immediately.

### Judges:

**ACB Advisor:** Arranges judges for the J. Benton Storey Judging Contest.

**Collegiate Branch Section Chair:** Arranges judges for the Edmund Undergraduate oral presentations.

**Poster Section Chair:** Arranges judging for the undergraduate and graduate National Cowpea Poster judging.

**President-Elect and Chair Graduate Oral Presentations:** Arranges judges for the Childer Masters and Barham PhD graduate oral presentations.

**Chairs collect abstracts:** All Chairs collect abstracts at the meeting or give the presenters a few days to submit abstracts to the Chair by email. The Chairs send abstracts to Ruth Gaumond at [rgaumond@ashs.org](mailto:rgaumond@ashs.org) by February 15, 2012. In order for an abstract to be published:

- The abstract title must appear in the Conference Program.
- The paper must have been presented orally or as a poster at the meeting.
- One of the authors must be registered for the conference.
- The abstract must be formatted properly.

### **Fall 2011 Election Results**

Congratulations to the following individuals who were elected in the Fall 2011 Elections.

#### **President Elect**

(will preside over 2014 meeting)

Kurt Rom, University of Arkansas

#### **Executive Committee**

(will serve starting with 2013 meeting)

Greg Reighard, Clemson University

Steve Stringer, USDA, ARS, Poplarville, MS

#### **Section Chairs-Elect**

(will coordinate Section for 2013 meeting)

##### **Education Section**

Garry MacDonald, University of Arkansas

##### **Extension Section**

Desmond Layne, Clemson University

##### **Floriculture, Orn. & Turf Section**

Raymond Kessler, Auburn University

##### **Fruit Crops Section**

Elena Garcia, University of Arkansas

##### **Vegetable Crops Section**

Chris Gunter, N.C. State University

##### **Postharvest & Biotechnology Section**

Cecilia McGregor, University of Georgia

##### **Poster Section**

Bodi Pennisi, University of Georgia

##### **Collegiate Branch (Edmond Papers)**

John Clark, University of Arkansas

### **Dues and Membership**

ASHS Headquarters will start collecting and managing dues for the Southern Region. Dues can be paid at the Southern Region annual meetings, with your yearly ASHS membership, or through the ASHS Online Store at <http://shop.ashs.org/home.php>. Dues for 2011 year are \$20, but dues starting in 2012 will increase to \$30. Notice: Dues must be current to be elected to an office, and to receive a career award, dues must be current and paid in 3 out of the past 5 years. SRASHS By Laws state that dues apply to the year paid. We do not collect dues in arrears, so when you pay your dues they will be credited to the year you pay.

### **ASHS Certified Horticulturist Examination**

On Saturday, February 4, 2012 there will be an ASHS Certified Horticulturist Examination. See the following page for details and registration information.

### **Mark Your Calendars**

#### **Future Meetings Sites**

**2013 Orlando, FL**

**2014 Dallas, TX**

**2015 Atlanta, GA**

**2016 Jacksonville, FL**



## Saturday, February 4, 2012

ASHS Certified Horticulturist Preparatory Workshop followed by Examination  
Examination 8:00 AM – 12:00 noon

### Birmingham, AL

(during the ASHS–Southern Region meeting)

Application deadline to sit for this examination is January 22

The American Society for Horticultural Science has an exciting new Certified Horticulturist Program. This program is the national credential validating the knowledge and skills of working horticultural practitioners in the industry of horticulture. The ASHS-CH exam will assess an individual's knowledge and skills in performing 35 tasks in seven major categories of horticulture, including Landscape Design Maintenance, Production of Fruits, Vegetables, Turf and Ornamental Plants, Shipping and Handling of Final Product, Propagation, Monitoring and Testing, Diagnosing and Managing Plant Problems, and Business Practice. This designation provides employers, governmental agencies, members of the horticultural industry, and the public with the assurance that ASHS Certified Horticulturists possess the skills required to communicate with, educate, and provide advice to the public, customers, suppliers, peers and management on professional topics related to their horticultural responsibilities.

### Examination

The American Society for Horticultural Science will have the ASHS Certified Horticulturist exam at the Southern Region meeting in Birmingham, AL on Saturday, Feb 4, 2012. The 4-hour examination will be from 8am to 12 noon.

### Location

Sheraton Birmingham Hotel, Jefferson Boardroom 2

### For additional information about the ASHS Certified Horticulturist Program

go to <http://ashs.org/> and click on the Certified Horticulturist icon in the bottom left corner of the home page.

American Society for Horticultural Science  
1018 Duke Street • Alexandria, VA 22314  
703.836.4606 x116 • [ashsch@ashs.org](mailto:ashsch@ashs.org) • [www.ashs.org](http://www.ashs.org)

*The ASHS Certified Horticulturist Program does not discriminate in determining eligibility on the basis of race, color, religion, gender, national origin, age, disability, or any other characteristic protected by law.*

**2011-2012 Officers, Chairs and Committees**  
 (Term of office is from end of 2011 meeting through 2012 meeting)  
**Southern Region of the American Society for Horticultural Science**

**Officers**

President	Brian Kahn	brian.kahn@okstate.edu
President-Elect	David Creech	dcreech@sfasu.edu
Secretary-Treasurer	David Wm. Reed	dwreed@tamu.edu

**ACB Officers**

ACB President	Derrick Farlee	derrick.farlee@murraystate.edu
ACB Vice-President	Daniel Messick	dcm3r@mtmail.mtsu.edu
ACB Secretary	Yessica Garcia	yessica11@tamu.edu
ACB Treasurer	Lauren Garcia	berryhappy@tamu.edu
ACB Newsletter Editor	Alaina Tobbe	atobbe@murraystate.edu
ACB Rep	Erik J. Limbird	ejl2t@mtmail.mtsu.edu
ACB Advisor	Jeff Adkins	adkinsja@sfasu.edu

**Section Chairs**

Education Section	Carolyn Robinson	cwrobinson@auburn.edu
Extension Section	Lenny Wells	lwells@uga.edu
Floriculture, Orn. and Turf Section	Paul Thomas	pathomas@uga.edu
Fruit Crops Section	Jay Spiers	jds0017@auburn.edu
Poster Section	Thayne Montague	thayne.montague@ttu.edu
Postharvest/Biotechnology Section	David Picha	dpicha1@lsu.edu
Vegetables Crops Section	Juan Diaz-Perez	jcldiaz@uga.edu
Collegiate Branch	Bill Evans	wbe@ra.msstate.edu
Childer & Barham Grad Competition	David Creech	dcreech@sfasu.edu

**Working Groups Chairs**

South. Blueberry & Small Fruit Workers	Elina Coneva	edc0001@auburn.edu
Cowpea Improvement Committee	J. Trachta	john@ctsmithco.com
Curcubit Crop Germplasm	James D. McCreight	jmccreight@pw.ars.usda.gov
Horticulture Administrators	Douglas A. Bailey	dabailey@uga.edu
Pecan Research	Monty Nesbitt	mlnesbitt@tamu.edu
National Sweetpotato Collaborators	Ramon Arancibia	raa66@msstate.edu
Vigna Crop Germplasm	Jeff Ehlers	jeff.ehlers@ucr.edu
Watermelon Research	Jonathan Schultheis	jonr@ncsu.edu

**Committee Chairs**

Executive Committee	Dale Maronek	dale.maronek@okstate.edu
Nominations Committee	Jim Ballington	jim_ballington@ncsu.edu
Covington Extension Award	Wilfred R. Jester	bill_jester@ncsu.edu
Extension Communication Award	Monte Nesbitt	mlnesbitt@tamu.edu
Hutchinson Young Extension Award	Lenny Wells	lwells@uga.edu
Krezdorn PhD Writing Award	Dennis J. Werner	dennis_werner@ncsu.edu
Miller Educator Award	Michael A. Arnold	ma-arnold@tamu.edu
Miller Research Award	Mike Smith	mike.smith@okstate.edu
Smeal Leadership Admin. Award	Doug Bailey	dabailey@uga.edu

# Instructions for Submission of Abstracts for Publication in *HortScience*

## To Publish your Abstract in *HortScience*:

- The abstract title must appear in the Program.
- The paper must have been presented orally or as a poster at the meeting.
- One of the authors must be registered for the conference.
- The abstract must be formatted properly.

## Submission of Abstract

**File Format:** Each abstract must be submitted as a separate Word (.doc) file. If you use another word processing language, submit abstract in rich text format (.rtf).

**Deadline:**

- 1) At meeting: Give disk with file to the Chair of the session.
- 2) Email abstracts as an attached file to the Chair of the session prior to the meeting or within a few days after the meeting. See the Program for the Chair's email address.

## Abstract Format

**Length:** Limit the abstract body to about 2000 characters.

**Font:** 12 point, Times New Roman or similar

**Format:** Format abstract as below. Asterisk denotes presenting author.

### Example Format

#### **Molecular Marker-Derived Genetic Similarity Analysis of a Segregating Blackberry Population**

Eric T. Stafne\*<sup>1</sup>, John R. Clark<sup>1</sup>, and Kim S. Lewers<sup>2</sup>

<sup>1</sup>316 Plant Sciences, Department of Horticulture, University of Arkansas, Fayetteville, AR 72701, <sup>2</sup>USDA-ARS Fruit Lab, 10300 Baltimore Ave., BARC-West Bldg. 010A, Beltsville, MD 20705

A tetraploid blackberry population that segregates for two important morphological traits, thornlessness and primocane fruiting, was tested with molecular marker analysis. Both randomly amplified polymorphic DNA (RAPD) and simple sequence repeat (SSR) markers were used to screen a population of 98 genotypes within the population plus the two parents, 'Arapaho' and 'Prime-Jim'<sup>®</sup> (APF-12). RAPD analysis averaged 3.4 markers per primer, whereas SSR analysis yielded 3.0 markers per primer pair. Similarity coefficient derived from the Dice index averaged over all individuals was 63% for RAPD markers, 73% for SSR markers, and 66% for RAPD and SSR markers together. The average similarity coefficients ranged from a high of 72% to a low of 38% for RAPD markers, 80% to 57% for SSR markers, and 73% to 55% for both. Comparison of the parents indicated a similarity of 67% for RAPD markers, 62% for SSR markers, and 67% for both. This is similar to a previous study that reported the similarity coefficient at 66%. Although inbreeding exists within the population, the level of heterozygosity is high. Also, evidence of tetrasomic inheritance was uncovered within the molecular marker analysis. This population will be used to identify potential markers linked to both morphological traits of interest. Further genetic linkage analysis and mapping is needed to identify any putative markers.



**Pre-Registration Form**  
 (Note: Pre-Registration online is preferred, see footnote \*)  
**72nd Annual Meeting**  
**Southern Region of the**  
**American Society for Horticultural Science**  
**Birmingham, AL**  
**February 3-6, 2012**

**Pre-Registration Deadline:** Must be received by January 27, 2012

**Pay by Check\*:** Make check (personal, institutional, business, foundation) payable to Southern Region ASHS. Receipt supplied at meeting. No cancellation penalty; but all refunds will not be issued until after the meetings. If needed by your University, the SRASHS Tax Number is T0001150

**Mail Completed Form and Check to:**

David Wm. Reed  
 Secretary-Treasurer SRASHS  
 Dept. Horticultural Sciences  
 Texas A&M University  
 College Station, TX 77843-2133  
 E-Mail: dwreed@tamu.edu

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Department: \_\_\_\_\_

University/Organization: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP+4: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

**If you are registering more than one person, list their name and categories:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**REGISTRATION FEE**

Member (Faculty, Professional, Commercial) Registration \_\_\_\_\_ @ \$110 = \$ \_\_\_\_\_

Graduate Student Registration \_\_\_\_\_ @ \$40 = \$ \_\_\_\_\_

Undergraduate Student Registration \_\_\_\_\_ @ \$20 = \$ \_\_\_\_\_

ACB Club Registration and Dues \_\_\_\_\_ @ \$30 = \$ \_\_\_\_\_

**TOTAL** \$ \_\_\_\_\_

**\* NOTE: Pre-Register Online is preferred. Go to:**  
<https://www.eventville.com/catalog/eventregistration1.asp?eventid=1008738>  
*Do not submit this form if you register online.*