



**43rd Annual Meeting**

**AMERICAN PEANUT RESEARCH AND EDUCATION SOCIETY  
HISTORIC MENGER HOTEL  
SAN ANTONIO, TEXAS**

**July 12 – 14, 2011**

The 2011 annual meeting of the American Peanut Research and Education Society (APRES) will be held at the Historic Menger Hotel, San Antonio, Texas, July 12-14, 2011. Registration will begin at 12:00 noon on Tuesday, July 12<sup>th</sup>. Research and extension papers will be presented on all phases of the peanut industry. Several social functions are planned.

For additional information call:

Todd Baughman, Chair  
2011 APRES Program Committee  
Texas A&M Research and Extension Center  
PO Box 2159  
Vernon, Texas 76385  
Phone: 940-552-9941

Michael Franke, Chair  
2011 APRES Technical Program Committee  
Birdsong Peanuts  
1564 CR 474  
P.O. Box 1375  
Brownfield, Texas 79316  
Phone: 806-637-1800

Peter Dotray, Chair  
2011 APRES Local Arrangements Committee  
Texas Tech University  
Dept of Plant and Soil Science  
Mail Stop 2122  
Lubbock, Texas 79409-2122  
Phone: 806-746-6101

**OFFICIAL CALL FOR PAPERS**  
**for the 43rd Annual APRES Meeting**  
**July 12-14, 2011**  
**San Antonio, Texas**

The 2011 annual meeting of the American Peanut Research and Education Society (APRES) will be held at the historic Menger Hotel, San Antonio, Texas, July 12-14, 2011. APRES members who wish to present original papers or posters, previously unpublished, at the 2011 APRES meeting should submit the following information to:

Michael Franke, Chair  
2011 APRES Technical Program Committee  
Birdsong Peanuts  
1564 CR 474  
P.O. Box 1375  
Brownfield, TX 79316  
Phone: 806-637-1800  
Email: [mfranke@birdsong-peanuts.com](mailto:mfranke@birdsong-peanuts.com)

**Instruction to Authors for Abstract Preparation**

1. Prepare a Word document using the format shown below (**Typing Instructions Format, Use attached template**) containing the abstract. Email the Word document as an attachment to the Technical Program Chair no later than Friday, March 18, 2011.
2. If revisions are made to the abstract between the submission date and the time of the presentation, submit an updated file to the Technical Program Chair no later than May 27, 2011.
3. The abstract should be prepared in good scientific form. It is the responsibility of authors to submit their abstract in **READY FOR PUBLICATION** condition. APRES will not retype or make typographical corrections on abstracts submitted for the Proceedings.
4. Complete the enclosed **Information Form** that indicates the technical session in which you prefer to present your paper (Poster, Plant Pathology and Nematology; Entomology; Mycotoxins; Weed Science; Breeding, Biotechnology, and Genetics; Physiology and Seed Technology; Production Technology; Harvesting, Curing, Shelling, Storing, and Handling; Processing and Utilization; Economics; Extension Techniques and Technology; or Graduate Student Competition).
5. Include the complete mailing address of the corresponding author for the paper. Include your telephone number, FAX number, **and email address**.
6. If the format is not followed (see **Typing Instructions Format**, enclosed), the abstract will be returned to the author for correction.

## TYPING INSTRUCTIONS-FORMAT

1. **Submit the completed abstract submission form and abstract via email to the Technical Program Chair.**
  - a) Use the attached Microsoft Word Submission Form and Template files or download them from the APRES website (<http://www.apresinc.com>)
  - b) Store files in Microsoft Word (doc.) format. Do not use MS Word 2007 (.docx) format.
  - c) Name the Word file with the following: 1) abbreviated title of the abstract and 2) senior author (example: RF Curing-CLButts.doc)
2. **Format of the abstract:**
  - a) Use 8-1/2x11" page size.
  - b) Leave 1" margins on all sides for a line width of 6 1/2 inches.
  - c) Use Arial 10 point font with a ragged right margin (i.e. do not full justify) and do not use hard carriage returns in the body of the text.
  - d) Single space with double space between paragraphs and major divisions.
  - e) Underline the title (solid) and capitalize the first letter of important words.
  - f) Follow the title with the author's name(s) in capital letters, with the initials of each name given first.
  - g) Place an asterisk after the name of the speaker.
  - h) Next, provide the author(s) institution(s) and capitalize the first letter of each word.
  - i) Begin the first line of the title flush, but indent the remaining lines of the title, authors, and addresses five (5) spaces.
  - j) Do not skip a line between the title and body of the abstract.
  - k) Do not indent the body of the abstract.

**Time Limits and Equipment:** Presentations and discussions of papers must fit within a 15-minute time period. **NOTE: Only LCD projectors will be provided or allowed for paper sessions. Presentations should be prepared and saved in PowerPoint (.ppt) format.**

**Symposia:** Suggestions for symposia topics from potential organizers are welcomed, prior to March 19th. Topics must be cleared with the Program Committee before planning the Symposium. Participants of symposia should provide abstracts to the organizer(s) of their session who will then forward the materials to the Program Chair.

**Poster Presentations:** An area with display boards (4 x 4) will be provided for mounting posters. Presenters will be notified by June 1 of the day and time when posters will be displayed.

Note: Only one (1) paper or poster with the same APRES member as senior author will be accepted. An invited paper for symposia does not count against the (1) paper or poster limit for senior authors.

**ABSTRACTS MUST BE E-MAILED BY MARCH 18th, 2011.  
COMPLETE THIS INFORMATION FORM AND SUBMIT WITH ABSTRACT**

**Do not type on abstract page**

Complete for corresponding author:

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

Univ/Co: \_\_\_\_\_

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

\_\_\_\_\_

Telephone number: \_\_\_\_\_

FAX number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Technical Section Preference (indicate 1st and 2nd choice) - Choose from the following list:

- Poster
- Plant Pathology and Nematology
- Entomology
- Mycotoxins
- Weed Science
- Breeding, Biotechnology, and Genetics
- Physiology and Seed Technology
- Harvesting, Curing, Shelling, Storing, and Handling
- Production Technology
- Processing and Utilization
- Economics
- Extension Techniques and Technology
- Graduate Student Competition

## EXAMPLE ABSTRACT

Characterization of Three Major Peanut Allergen Genes. I-H. KANG, M. GALLO-MEAGHER\*, Agronomy Department, The University of Florida, Gainesville, FL 32611-0300; and P. OZIAS-AKINS, Department of Horticulture, The University of Georgia, Tifton, GA 31793-0748.

We have examined the expression patterns of three major peanut allergen genes, *arah1*, *arah2*, and *arah3*. The proteins encoded by these genes belong to the vicilin, conglutin and glycinin families of seed storage proteins, respectively. Total RNA was isolated from four seed developmental stages (1-4) of 12 different peanut genotypes. Northern blot analysis revealed that transcripts of all genes are evident at the earliest stage (1) of seed development. However, *arah1* transcripts continue to accumulate throughout development with a maximum level observed at the most mature stage (4), while *arah2* and *arah3* transcript levels appear to peak earlier in seed development. Expression patterns were similar for most genotypes, however there were exceptions that will be discussed. No transcripts of *arah1* or *arah2* could be detected in total RNA isolated from flowers, leaves or roots. However, a low level of *arah3* transcript could be observed in flower and leaf tissues. Southern blot analysis revealed a low gene copy number for *arah1* and *arah2*, and multiple gene copies of *arah3* present in the peanut genome.