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# NEWSLETTER OF THE FLORIDA ENTOMOLOGICAL SOCIETY

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

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## PRESIDENT'S MESSAGE

**Rudi Scheffrahn**

Dear FES members and prospective members:

Now is the time to begin planning for our 89th annual meeting which will be held 23-26 July 2006 at the Jupiter Beach Resort & Spa in Jupiter Beach (See registration information in this newsletter). The resort has recently been renovated and sits directly on the Atlantic Ocean and adjacent to Carlin County Park. The resort is only minutes from I-95 and the Turnpike and parking is close to the building. Teresa DuChene, our business manager, negotiated an excellent value so bring the whole family.

Incoming president and Program Chair Geri Cashion has lined up the following timely and informative symposia: "Innovative Research in Industry" organized by Scott Ferguson, "Asian Citrus Psyllid and Citrus Greening Disease: A New Challenge for Florida Citrus Production" organized by Michael Rogers, "Biotype Q of the Sweetpotato Whitefly: An Emerging Threat to Florida Vegetable and Ornamental Crops" organized by Lance Osborne and Dave Schuster, and "The Bed Bug Phenomenon from a Florida Perspective" organized by Brian Cabrera. Brian along with Bill Kern and Lyle Buss will also conduct a "Household Invaders Pest Identification Workshop". Limited to 30 registrants, this workshop will cover the myriad of invertebrates and vertebrates that find their way indoors. Students and persons working in structural pest management should not miss this opportunity to reacquaint themselves with these organisms.

Submitted papers and posters are the mainstay of our annual meetings and a chance for the membership to report on their findings and to learn about the discoveries of their peers. The student research paper sessions have also become a popular and competitive part of our meetings. Please submit a topic for a talk or poster. This is an ideal way for members to personally meet you and learn about your entomological interests and expertise. Substantive content make our meetings that more memorable. And remember, our annual meetings are an informal late summer event that stresses partnership and comradery among old and new colleagues alike.

Do you know of a deserving colleague that should be recognized for his or her meritorious accomplishments? Take out the time to submit your nominations for our 2006 honors and awards. Please send your nominations to Chris Tipping at [Christopher.Tipping@devalcol.edu](mailto:Christopher.Tipping@devalcol.edu).

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## 51<sup>th</sup> STATE SCIENCE AND ENGINEERING FAIR OF FLORIDA

The 51st Annual Florida State Science and Engineering Fair was held April 19-21, at the Orlando Convention Center. Uli Bernier, Everett Foreman, Chris Geden, Robert Meagher, Brian Quinn, and Jeff Shapiro served as judges for FES and USDA-ARS awards.

The Senior Division winner was **Sonya Makhni** (Vero Beach, FL), for "Predator Behavior of *Corethrella appendiculata*".

The Junior Division winner for FES was **Michelle Calloway** (Oviedo, FL), for “Genetics of Eye Color in Fruit Flies”.

Congratulations to our winners!

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**INSECT ENCOUNTERS AT THE 2006  
FLORIDA STATE FAIR**

**Richard Mankin**

In 1995, a Florida State Fair director asked the Florida Entomological Society (FES) to set up an entomological exhibit in the Ag Hall of Fame Pavilion. Since then, *Insect Encounters* has blossomed into an unexpectedly popular forum for science education outreach. Thousands of visitors pass by the exhibit’s booths each February to see live insects and informational displays, ask questions, and pick up brochures and handouts.

*Insect Encounters* has been a cooperative effort among multiple research, educational, and regulatory organizations in Florida, including the FES, Division of Plant Industry (DPI), Florida Mosquito Control Association (FMCA), University of Florida (UF) Department of Entomology and Nematology, United States Department of Agriculture (USDA), and Walt Disney World. Over the years, students in school bus tours and other visitors to the Fair have encountered a series of displays, videos, and live exhibits including, at different times, bees, cockroach races, fire ant and termite colonies, flies, mosquito larvae, and stored product insects. Counts provided by Florida State Fair staff indicate that the number of visitors has grown from about 6,000 in 1996 to about 87,000 in 2006.

The FES Education Committee wishes to thank the 2006 *Insect Encounters* participants and organizers for once again setting up an excellent exhibit. From February 8-20, 2006, the DPI apiary section was represented by Jerry Hayes, David Barnes, David Westervelt, Doug Corbin, Todd Jameson, and Denise Feiber.

The DPI entomology section was represented by Cal Welbourn, Greg Hodges, Anita Vickery, Nancy Croley, Penny McCurry, Yen Dao, Martha King, Trevor Smith, Linda Stevenson, Gary Steck, Mike Thomas, Paul Skelley, GB Edwards, and Wayne Dixon, with assistance from Richard Gaskalla.

The UF Department of Entomology and Nematology was represented by Mike Sanford, Jane Medley, Alejandro Arevalo, Scott Portman, Faith Oi, Norm Leppla, Matt Tarver, Howard Frank, Barbie Bayer, Alex Chaskopoulou, and Rebecca Baldwin, with assistance from Jim Cuda, Nick Hostettler and Nancy Sanders.

The FMCA had a cast of dozens, including Charmont Bonner, Robert Boyd, James Brown, Joe Cheer, George Childs, Larry Childs, Frank Cioffi, Jean Craparo, Jim Dollens, Dan Doubleday, Courtney Dwyer, Kim Feagley, Jack French, Charles Green, Cinnamon Grzeslo, Matt Grzeslo, Durrell Hagood, Doug Herring, Roger Johnson, Flo Jones, Steve Kardos, Charles King, Ron Kolson, Bill Lausberg, Clay Merriet, Jamie Monserrat, Dennis Moore, Brian Murphy, Kevin Pedicord, Michael Sanders, Rhonda Stevens, Rick Sowell, Kenny Volwinkle, and Lynn Williams.

Participants from the USDA Agricultural Research Service included Becky Blair, Eileen Carroll, Robyn Chiarelli, Everett Foreman, Damali Kelli, Euripides Mena, David Milne, Alyce Nalli, John Scoles, Cressida Silvers, and Betty Weaver, with assistance from Karen Balentine, Scott Blackwood, Jerry Hogsette, and Robert Vander Meer.

Andi Van Loan and Katy Roberts of the Exotic Plant Pest Council loaned us a display showing plant pests that have recently been introduced into Florida. We also thank former FES Education Committee Chairs, Jim Price, Jeff Shapiro, John Capinera, and Mary Jo Hayes for their annual planning and organizing efforts. You all deserve a big hand!

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### CALL FOR AWARD NOMINATIONS

The Honors and Awards Committee requires your assistance in recognizing and nominating fellow entomologists for the following award categories:

- 1) Entomologist - of - the - Year
- 2) Annual Achievement Award for Teaching in Higher Education
- 3) Annual Achievement Award for Teaching in K-12
- 4) Annual Achievement Award for Research
- 5) Annual Achievement Award for Extension
- 6) Annual Achievement Award for Industry
- 7) Annual Achievement Award for Research Teams, Laboratories, or Agencies, etc.
- 8) Annual Achievement Award for Regulatory Entomology
- 9) Certificates of Appreciation for Special Service to the Society

To nominate an individual or group, please provide me with the following information:

- 1) Category of nomination.
- 2) Name(s) and address(es) of nominee(s).
- 3) Description of present employment including position.
- 4) Specific contribution to the profession of entomology, science, the community or FES.
- 5) The name, address, and telephone number of the individual submitting the nomination.

Please limit the nomination to a maximum of two pages. Remember, the continued health of our society depends upon participation. Nominations can be submitted by email or fax before **June 15, 2006** to:

Chris Tipping, Chair, Honors & Awards Committee  
 Delaware Valley College  
 700 E. Butler Ave.  
 Doylestown, PA 18901  
 (215) 489-2449 office  
 (215) 489-4960 fax  
 Christopher.Tipping@devalcol.edu

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### CALL FOR OFFICER NOMINATIONS

The FES Nominations Committee invites you to nominate individuals for the following 2006-2007 Executive Committee offices:

Vice-President \_\_\_\_\_

Member-at-Large \_\_\_\_\_

The Nominations Committee will put together a final nominations list. An election ballot will be printed in the June Newsletter. Winners will be announced at the August Business Meeting.

Please email your nominations (feel free to nominate yourself) to [SLapointe@ushrl.ars.usda.gov](mailto:SLapointe@ushrl.ars.usda.gov).

Or mail them to:

Steve Lapointe  
 USDA, ARS, U.S. Horticultural Research Lab  
 2001 South Rock Road  
 Ft. Pierce, FL 34945

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### SAFEGUARDING AGAINST UNWANTED INVASIVE SPECIES SYMPOSIUM HELD AT THE 2005 ESA ANNUAL MEETING

The late breaking symposium, "Safeguarding against Unwanted Invasive Species—Challenges and Opportunities," presented at the 2005 Entomological Society of America annual meeting highlighted recent state and federal government efforts to stem the flow of invasive pests into Florida and other areas in the United States. The presentations all indicated that aggressively pursuing off-shore and domestic prevention, early detection, and mitigation programs will help slow the spread of invasive species throughout Florida and their potential spread to other states. To learn more about this symposium, you can access the recorded presentations by going to: [http://esa.confex.com/esa/2005/techprogram/session\\_3564.htm](http://esa.confex.com/esa/2005/techprogram/session_3564.htm).

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## STUDENT ACTIVITIES COMMITTEE ANNOUNCEMENTS

A competition for the best M.S and Ph.D. student paper will be held at the upcoming 89<sup>th</sup> Annual Meeting of the Florida Entomological Society, **July 23 to 26, 2006**, at the Jupiter Beach Resort & Spa, in Jupiter Beach. Awards of \$175, \$150, and \$125 will be made to the first, second and third place papers, of each category, respectively. Students wishing to present a paper in the student paper competition must be current members of the Florida Entomological Society.

Students should submit paper title and abstract using the standard submission form (see page 7) and should indicate that the submission is for the student competition. Papers should be **10 minutes long** with 2 minutes allowed for questions. The judging criteria are as follows:

**Organization** (20 points) - sequence of topics logical and effective; introduction, body of talk (material and methods, results), and conclusions coherent; time well used.

**Delivery** (20 points) - poise, audibility, expression, eye contact, use of pointer.

**Visual aids** (15 points) - appropriate for subject matter, legible, eye-appealing.

**Subject matter** (35 points) – relevance of research, important questions addressed, appropriate methods to accomplish objectives, conclusions based solely on results and avoid a repetition of results.

**Handling of questions** (10 points) - questions made clear to audience; answers logical and appropriate.

**Conforming to time constraints** (maximum of 8 penalty points; 1 point for each 15 seconds overtime or 30 seconds undertime).

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## SCHOLARSHIPS, MINIGRANTS AND TRAVEL GRANTS

Each year the Florida Entomological Society presents three scholarships and ten minigrants to student members at the Annual Meeting. Travel grants are also awarded at the meeting.

To apply for these awards, the **applicant must be a current FES student member**. The format for applying for each of the Florida Entomological Society-sponsored awards follows:

**Scholarships** - The Florida Entomological Society will award three \$500 scholarships to students majoring in entomology or a related discipline. The application requirements are:

Along with being a current member of the Florida Entomological Society, students must be enrolled full-time with at least one year remaining in his or her degree program. Applications from undergraduate students will be considered.

The application should include:

1. Transcripts
2. Letters of recommendation from two faculty members
3. A curriculum vitae
4. A letter from the applicant, stating his or her future plans in the field of entomology

Send all materials in one package only (instructions at the end of this article).

**Minigrants** - The Florida Entomological Society will award ten minigrants of \$100 each to student members for entomological research.

Applications should include:

1. A one-page description of the student's research
2. A list of the items with the final cost to be purchased.

**Travel grants** - The Florida Entomological Society allocates funds to assist students with the cost of attending the society's annual meeting. Students presenting posters and talks will have priority to receive these funds.

Applications should include:

1. A letter stating their purpose for attending the meeting
2. A budget including all potential sources of travel funds.

**We recommend that all applications should be sent via digital form or applications can be postmarked no later than May 31, 2006 and should be addressed to:**

**Dr. Marco A. Toapanta,**  
Chair, Student Activities Committee  
Bayer CropScience  
University of Florida-GCREC  
14625 CR 272  
Wimauma, FL. 33598  
Phone: 813-633-4121  
Fax: 813-634-0001  
E-mail: [marco.toapanta@bayercropscience.com](mailto:marco.toapanta@bayercropscience.com)

A duplicate application package should also be sent to:  
**Teresa DuChene**, FES Business Manager  
P. O. Box 1007  
Lutz, FL 33548-1007

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### **AUTHOR'S INSTRUCTIONS**

All submitted papers, except student competition papers, should be 8 minutes long with 2 minutes for questions. Student competition papers are 10 minutes long. Posters should be no longer than 48" x 48". The deadline for submission of titles and abstracts is **June 16, 2006**.

Authors must submit as PowerPoint presentations. A laptop computer (preloaded with presentations), an LCD projector, and laser pointer will be provided for each session. The deadline for receipt of electronic presentations is **July 18, 2006**.

Symposium speakers should submit Powerpoint presentations directly to their symposium organizer. All other oral presentations should be sent via e-mail attachment. If the presentation is larger than 10MB, send on CD by regular mail.

Send or e-mail paper submission forms/information and presentations to:

Geri Cashion  
Technical Specialist & Contract Consultant  
EcoSolutions, Inc.  
2948 Landmark Way  
Palm Harbor, FL 34684-5018  
Tel: 727-787-3669  
Fax: 727-787-3669  
Email: [geribugs@mindspring.com](mailto:geribugs@mindspring.com)

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### **CALL FOR MEMBERS AND EVENTS**

In the Newsletter, we would occasionally like to include information about FES members. Please refer to the requested items for each category and let your colleagues know what you have been up to lately. This information should be sent to Cara Vazquez, Ron Cave, or Bill Overholt.

1. Invitational talks, keynote speeches etc.: Speaker, organization, meeting, date, location and title of talk.
2. Honors & Awards: Recipient, title of award, given for and given by.
3. International Activities: Person, date, activity and funding source.
4. Grants/Contracts: Principal investigator(s), project title, funding source and project description.
5. Major Publications (Books, Monographs, Chapters): Authors, title and citation.
6. National or Branch Offices: Person, office held, organization and dates.
7. Moving up: Person on the move, old position, new position, location, date of change and responsibilities.
8. Visiting Entomologists: Visitor(s), visiting from, dates, purpose of visit, host and location.
9. On Leave: Person, new location, dates and activity.
10. Community Activities: Person, project description, organization, location and dates.

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**THIRD LATIN-AMERICAN  
SHORT-COURSE ON  
BIOLOGICAL CONTROL OF WEEDS**

Dr. Julio Medal is organizing the 'Third Latin-American Short-Course on Biological Control of Weeds'. It will be held on June 12-15, 2006 at the Seminole Plaza Hotel in Managua, Nicaragua. Participants will gain a basic understanding of the principles and concepts of biological control of weeds using insects and pathogens, and receive training on how to implement a weed biocontrol program. Group discussions will focus on the prospects for and limitations of biological weed control in Latin America. About 15 weed biocontrol experts and 100 trainees from at least 15 developing countries will be involved. After completing this course, participants will be able to implement weed biocontrol programs in their own countries, as well as work with international agencies in the region.

For Registration visit: <http://biocontrol.ifas.ufl.edu>. For more information contact Dr. Julio Medal, Course Coordinator, [medal@mail.ifas.ufl.edu](mailto:medal@mail.ifas.ufl.edu).

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This newsletter is published irregularly between issues of the Journal of the Society, *The Florida Entomologist*. It is intended for the publication of subjects of interest to the members of the Florida Entomological Society. Articles, announcements, awards and other news about FES members are solicited from the membership and should be addressed to the co-editors Cara Vazquez, Ron Cave, or Bill Overholt.

*Cara Vazquez*, Dept. of Entomology & Nematology, P.O. Box 110620, University of Florida, Gainesville, FL 32611-0620. Phone: (352)-392-1901 Ext. 164, FAX: (352)-392-0190, Email: C1SQUIRREL@AOL.COM.

*Ron Cave*, Indian River Research and Education Center, University of Florida, 2199 South Rock Road, Fort Pierce, FL 34945-3138. Phone: (772) 468-3922 Ext. 145, FAX: (772) 468-3973, Email: RDCAVE@ufl.edu.

*Bill Overholt*, Indian River Research and Education Center, University of Florida, 2199 South Rock Road, Fort Pierce, FL 34945-3138. Phone: (772) 468-3922 Ext. 143, FAX: (772) 468-3973, Email: BILLOVER@ufl.edu.

## SUBMITTED PAPER FORM

- \_\_\_ Oral presentation
- \_\_\_ Poster Presentation
- \_\_\_ Student Competition Paper (Judged)
- \_\_\_ Symposium Participant

**Return to:**

Geri Cashion  
Program Chair, FES  
EcoSolutions, Inc.  
2948 Landmark Way  
Palm Harbor, FL 34684  
Email: [geribugs@mindspring.com](mailto:geribugs@mindspring.com)  
Phone: (727)-787-3669  
FAX: (727)-787-3669

**DEADLINE: Friday, June 16, 2006**

(Please type or print)

**Author's Name(s): (UNDERLINE presenting author)**

**Presenting author's contact information (for confirmation of paper's receipt);**

**Mailing address:**

**Email address:**

**Phone number:**

**FAX number:**

**Title of Paper:**

**Affiliation and address of the first (presenting) author:**

**Abstract: (Must be provided in 75 words or less)**

**NOTE: See Author's Instructions, page 5.**