



NEWSLETTER OF THE FLORIDA ENTOMOLOGICAL SOCIETY

Volume 15, No. 2

Gainesville, Florida

June 2000

PRESIDENT'S MESSAGE

Lance Peterson

The time for our 83rd Annual Meeting in Naples, FL is quickly drawing near. I hope that you have submitted your pre-registration information to Teresa. Remember that you can pre-register with the request that your payment be paid at the meeting, and still get credit for the pre-registration discount. This is a service to our members that also is **GREAT HELP** to the planning committee. Teresa tells me that early registration indications are very slow in coming. Please make your intentions known ASAP.

We are excited again this year about our State Science Fair Award Winners. They have been invited to join us in Naples and present their award-winning projects. Be sure and look for their posters and make them feel welcome.

We recognize that there is a conflict in meetings occurring this summer, with the International Congress in Brazil, and truly hope that our members attending that meeting really have a great experience. For those of us that will be remaining in the US, the FES annual meeting also promises to be a good one.

You will soon see a new and improved format to *The Florida Entomologist*. The changes will allow for some significant economies per issue with slightly larger, double columned pages as well as improved reproduction of colored illustrations. Watch for it; I think you will like it!

Have you opened up the FES Web page recently (www.flaentsoc.org)? Be sure and check it out for the annual meeting and program information. **Also, be sure and print a copy of the program** and bring it with you to Naples, as only a limited number of copies will be available at the registration desk. I recommend that you wait until the last couple of weeks prior to the meeting

before you print off your copy in order to be sure that you have the latest version. Handling the program in this way saves the Society several hundreds of dollars in formal printing costs, but did cause a bit of confusion last year as some were expecting printed programs on registration as in the past.

If you do not have access to the web site or printer, please contact our business manager, Teresa DuChene, through your pre-registration papers, or via telephone, and request that a copy of the program be available for you at check in. There will be a limited number of programs at the desk primarily for non-members or last minute attendees, but they will not be available to all as a general handout. As a help to follow the program, a copy of the papers being presented is posted outside of each meeting room, and is kept current daily.

If you do have access to the internet and email, be sure to provide your email address to Business Manager Teresa DuChene. More and more of our society business is going to be conducted and communicated via email with less reliance on "snail-mail". Welcome to the 2000's!

There will be an Executive Board meeting on the evening of Sunday, August 6. If you have issues that you would like to have brought to the attention of the board, please let me know. I can best be reached by e-mail: lanjanpeterson@mciworld.com

I look forward to seeing a large turnout at the Naples Registry Resort, August 6-9. Lets get together and make this meeting one of the best ever! See you there.

VOTE!!!!!!!!!!!!!!

For New Officers

Candidate Biographical Information on Pages 4-5
Ballot on Page 8

EXECUTIVE COMMITTEE MEETING MINUTES

Minutes from the Executive Committee Meeting of April 20, 2000 will appear in the next issue of the Newsletter. The next Executive Committee meeting will be held in conjunction with the annual meeting in Naples. Committee members are urged to attend and all members are welcome.

REGISTRATION FORMS FOR THE ANNUAL MEETING IN NAPLES

Meeting Registration Form on Page 3
(Pre-register by Monday, July 14th)

Hotel Registration Form on Page 6
(Cutoff for group rate is July 17th)

83rd ANNUAL MEETING OF THE FLORIDA ENTOMOLOGICAL SOCIETY

The 83rd Annual Meeting of the Florida Entomological Society will be held August 6-9, 2000 at The Registry Resort, 475 Seagate Dr., Naples, Florida, tel: 800-247-9810 or 941-597-3232, fax: 941-597-9151, www.registryhotels.com. Rooms are available through the hotel at the FES Group Block rate of \$110.00 + 9% state and local tax/day for single or double occupancy. This rate is available to Conference guests for 3 days before and 3 days after the scheduled meeting. Suites are also available at higher cost, and valet parking is available for a fee.

The Registry is a luxurious resort located on 23 acres facing the Gulf of Mexico, along the Gulf of Mexico's Platinum Coast. The resort property is surrounded by a 200 acre mangrove preserve, and connected by boardwalk to a 3 mile-long white sand beach. The guest rooms feature a lovely view of the Gulf from the balconies, and are available in one and two bed configurations. The Registry has several restaurants, shops and recreational facilities. Many other restaurants are available, off the hotel property, only a few minutes away. Free covered parking is provided beneath the hotel building. Amenities include a 27-hole Tom Fazio-designed golf course, 15 Har-Tru tennis courts, recreational/educational programs for 5-12 year olds, health club with spa, bike rentals and other activities.

Program Highlights

The Program for the meeting features a Pioneer Lecture

in honor of Dr. John Thomas Creighton, to be delivered by M. Lewis Wright, Jr. The title for the presentation is "Dr. John Thomas Creighton: The Father of Florida's Pest Control Industry". In addition, there will be three excellent symposia, including "Insect Behavioral Ecology", "Mosquito-Borne Diseases: What's Next for Florida?", and "Entomology in Protected Crops", as well as numerous interesting submitted presentations and posters. Please visit the FES website at www.flaentsoc.org for full details on the program!

Preparing a poster for the meeting? Each presenter will be allotted a 122 x 122 cm (4' x 4') display space and push pins will be provided for attaching the posters to the display boards. Remember, the 2000 Annual Meeting will include a Spanish-speaking session for members that would prefer to present in Spanish. If possible, the slides should contain English for the non-Spanish speaking members of the audience.

Tickets for Luncheon Banquet Not Guaranteed for On-Site Registrants

We must submit the actual plate count to the hotel 72h before the banquet, therefore we can only guarantee a luncheon banquet ticket to those who preregister. Payment for the meeting can be made at the time of your arrival in Naples, but submission of the preregistration form to Teresa DuChene will allow the business office to have a preprinted name tag ready at your arrival and will allow us to submit an accurate count to the hotel for the luncheon banquet. Both will save the society a great deal of time and expense. Unfortunately, this means that luncheon tickets may not be available to members that wait to register until they are on-site. Therefore, if you want to be sure of a luncheon banquet ticket, please preregister **even if you do not pay before the meeting**. Registrants that submit the registration form prior to the July 14, 2000 deadline will also receive the lower preregistration cost.

Program Download

The **2000 Annual Meeting Program** will not be printed and mailed. Members are encouraged to download and print a copy of the program from the FES web page (www.flaentsoc.org). Those members without the facilities to do so can request a free copy by checking the appropriate line on the registration form or by contacting the business manager Teresa DuChene directly by phone or email by August 4th. Some copies may be available at the registration desk, but there will be a charge of \$5 (on-site registrants) or \$10 (pre-registrants).

Please print, complete and return this form for the August 6-9, 2000 annual meeting to:

Teresa DuChene, Business Manager
Florida Entomological Society
P.O. Box 1007
Lutz, FL 33548-1206

**Save \$25.00 PRE-REGISTER BY MONDAY, JULY 14! (Payment may be made at the meeting)
IT WILL SAVE MUCH TIME AND CONFUSION AT THE MEETING
NOTICE: On-site registration may not be guaranteed a luncheon ticket!**

All members must wear lapel badges to be admitted to program sessions.

Badge to Read:

(First Name) (Last Name)

(Affiliation) (City)

Area of Interest (1 or 2 words): _____

Free spouse badge (upon request) to read: _____

REGISTRATION: Pre-registration must be **received** by Monday, July 14th

| | |
|--|-------------|
| Full/Sustaining Member | |
| Pre-registration (includes 1 luncheon ticket) | \$100 _____ |
| On site registration (may include 1 luncheon ticket) | \$125 _____ |
| Student | |
| Pre-registration (includes 1 luncheon ticket) | \$30 _____ |
| On site registration (may include 1 luncheon ticket) | \$30 _____ |
| Honorary or Emeritus (must purchase luncheon ticket) | _____ |

I will need a copy of the program in my registration packet. Yes _____ No _____

Do you plan to attend the awards luncheon on Tuesday, August 8th? Yes _____ No _____

Additional Awards Luncheon Tickets: # of tickets _____ x \$30 = \$ _____

Annual dues for 2001*

| | | |
|-------------|-------------|------------------------|
| Regular | \$ 40 _____ | NO CREDIT CARD CHARGES |
| Student | \$ 20 _____ | |
| Sustaining | \$ 65 _____ | |
| Donations** | \$ _____ | |
| Total | \$ _____ | |

Are you currently a member of the Florida Entomological Society? Yes _____ No _____

* New members please give full mailing address, telephone, fax & e-mail.

**Donations are tax deductible. Donations can be unrestricted, or can be designated to specific worthy causes such as student travel or awards.

IF A RECEIPT IS NEEDED, PLEASE COMPLETE FORM BELOW:
Receipts will be available at registration desk.

Received from: _____ \$ _____

| | | | |
|----------------------|-------------|-----------------------|------------|
| Registration: | | Annual Dues for 2001: | |
| Pre-registration | \$100 _____ | Regular | \$40 _____ |
| On site registration | \$125 _____ | Student | \$20 _____ |
| Student | \$30 _____ | Sustaining | \$65 _____ |
| | | Donations | \$ _____ |

Additional awards banquet tickets: _____ x \$30 = \$ _____

Received by: _____ Total \$ _____

The Florida Entomological Society

CANDIDATES FOR VICE PRESIDENT

Howard Frank immigrated to Florida, as did many other entomologists. But he came north in 1972, from Jamaica, where he had been working in the Jamaican sugar industry. Before that, he was a postdoctoral researcher in western Canada. His bachelor's degree in zoology and doctorate in entomology are from England. He joined the Florida Entomological Society in 1976, and participated in all but one annual meeting since 1984. With Earl McCoy, he organized the FES Behavioral Ecology Symposia for 7 years (1988-1994). He has been book review editor for Florida Entomologist for 10 years, has chaired the FES Caribbean Directory Committee, and has participated in many FES business meetings. His entomological interests are in insect ecology in the widest sense, from population ecology through behavior to tropical entomology, insect-plant relationships, and systematics. He is employed as a faculty member of the Entomology & Nematology Dept., University of Florida, on the Gainesville campus, and specializes in biological control.

Richard Brenner is the Research Leader for the Imported Fire Ants and Household Insect Research Unit at the USDA-ARS Center for Medical, Agricultural and Veterinary Entomology, Gainesville, FL. He received a Ph.D. in Medical Entomology from Cornell University after receiving a M.S. and a B.S. in Entomology from the University of Illinois - Urbana in 1976 and 1975, respectively. Dr. Brenner joined the USDA-ARS in 1982 as a Research Entomologist working on the Screwworm Research Project first in Mission, TX, and then in Tuxtla Gutierrez, Chiapas, Mexico. He came to the USDA-ARS Insects Affecting Man and Animals Research Laboratory, Gainesville, FL (changed to Medical & Veterinary Entomology Research Laboratory in 1990) in 1984. Dr. Brenner is recognized nationally and internationally as an authority in behavioral ecology of cockroaches and their impact on humans, and as a strategist in the development of reduced-risk management programs. He has been principal investigator in 15 formal cooperative agreements with industry, federal, and university research facilities. Two major multi-year grants were awarded to Dr. Brenner in 1996 to develop and implement reduced-risk management tools and strategies for Dept. of Defense, and for EPA partners in the Pesticide Environmental Stewardship Program. Multi-year projects have now been established with the Johns Hopkins Asthma and Allergy Center, and with Environmental Health Watch (Cleveland, OH) to use these technologies to develop

and validate sustained management of cockroaches and allergens in public housing. He has received several awards, including Outstanding Research Award (Florida Entomological Society, 1987), USDA Distinguished Service Award (1988), ARS Technology Transfer Award (team 1989; individual 1995), and National Technology Transfer Award of the Federal Laboratory Consortium (1989), the Outstanding Senior Scientist of the Year award by ARS (1997), and on June 5, 2000, he received an award from the Secretary of Agriculture for "Promoting Sensible Management of Natural Resources."

CANDIDATES FOR MEMBER-AT-LARGE

Robert Meagher, Jr. is a Research Entomologist with the USDA-ARS Center for Medical, Agricultural, and Veterinary Entomology in Gainesville, FL. His research involves developing attractants, trapping systems, and biorational control tactics for noctuid moth pests. He received a Ph.D. in Entomology at The Pennsylvania State University, a M.S. in Entomology at Kansas State University, and a B.S. in Biology at Shippensburg University of Pennsylvania. From 1985 to 1989, Dr. Meagher conducted postdoctoral research at North Carolina State University studying peach and blueberry arthropod pests. Dr. Meagher was then employed as an Assistant Professor with Texas A&M University, stationed at the Weslaco Research and Extension Center. His research involved biological control, host plant resistance, and sampling of insect pests of sugarcane, citrus, cotton, and ornamentals. Rob has been involved with FES since his arrival in Florida. He was a member and is now Chair of the Fiscal Committee and has investigated financial concerns dealing with FES meetings and the *Florida Entomologist*. Dr. Meagher is active with the Entomological Society of America, where he is Secretary of Subsection Cd.

Kenneth A. Bloem was born and raised in Grand Rapids, Michigan, where he attended Calvin College and received a B.Sc. degree in Biology in 1978. He received a M.S. degree in Entomology from the University of Kentucky in 1980 and a Ph.D. in Entomology from the University of California at Davis in 1988. His dissertation research focused on tritrophic interactions among plants, herbivores and parasitoids, using tomatoes as a model system. From 1988-1992 he worked as a consultant in Guatemala to improve field quality assessment and detection techniques for the Mediterranean fruit fly. In 1992 he was hired as Program Coordinator of the Sterile Insect Release Program for codling moth eradication in the Okanagan Valley of British Columbia, Canada. Most recently, he

accepted a position with the USDA-APHIS National Biological Control Institute as Co-Director of the Florida A&M Center for Biological Control in Tallahassee, FL. His current duties and responsibilities include helping to build a strong, collaborative biological control program at FAMU, helping to identify and access new resources to invest in high priority biological control projects, and helping to develop safeguarding initiatives that limit the risk of new pest introductions into the U.S. through Florida.

2nd CALL FOR AWARD NOMINATIONS

The Honors and Awards Committee needs your assistance in identifying and nominating 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) Certificates of Appreciation for Special Service to the Society

To nominate an individual or group, please provide the Committee with: 1) Name(s) and address(es) of nominee(s). 2) Category of nomination. 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. Nominations may be mailed, e-mailed, or FAX'd by June 30, 2000 to:

Gary L. Leibee
Chair, Honors and Awards Committee
MREC, IFAS, UF
2725 Binion Rd.
Apopka, FL 32703-8504
E-mail: GLLE@GNV.IFAS.UFL.EDU
Phone: 407-884-2034 ext. 8504
FAX: 407-814-6186

MEMBERS AND EVENTS

Florida State Science and Engineering Fair

The 45th Annual Florida State Science and Engineering Fair was held April 12-14 on the campus of University of Florida in Gainesville. The Florida Entomological Society presented special awards to a Senior Section student and a Junior Section student for outstanding projects related to the study of entomology. Following are the students and projects that were presented with the awards this year.

Senior Section--**Sonali Hippalgaonkar** (Lake Highland Preparatory School, Orlando), "The effectiveness of alternative pest control transgenic methodology using *Bacillus thuriangiensis*" Junior Section--**Chris Reccinella** (Baker County Middle School, Lake City), "A psychological analysis of the cognition of the *Periplaneta americana* using a simple U-maze"

In addition to cash awards, Sonali and Chris have been invited to display their posters at the annual meeting.

Welcome Back to the South!

Daniel R. Suiter has accepted a new job as Assistant Professor of Extension Urban Pest Management in the Department of Entomology at the University of Georgia. His program will be located at the Georgia Experiment Station in Griffin, Georgia and the job responsibility will be urban pest management extension program development in support of clientele (i.e., the pest control industry, homeowners, and county agents) needs in Georgia and the nation. Components of his new job will include utilization of the Georgia Structural Pest Control Training Facility and the development of an imported fire ant education program for Georgia homeowners; and will interface with existing research programs in eusocial insect biology and control, and in ornamental and turf entomology. Collectively, these programs support the Georgia Center for Urban Agriculture, based at the Griffin station. Dan's new address is:

Daniel R. Suiter
Department of Entomology
University of Georgia
Georgia Experiment Station
1109 Experiment Street
Griffin, GA 30223-1797
770-233-6114 Phone

ROOM RESERVATION
The Registry Resort
Florida Entomological Society
August 5 - August 10, 2000

Accommodations Requested: Rate Arrival Date _____
Single / Double \$110.00 Departure Date _____

Name _____

Company _____

Address _____

City _____

State _____ Phone _____

Special Requests*:

Share with (1) _____ Share with (2) _____

Smoking _____ Non/Smoking _____

*Every effort will be made to honor your special requests. However, special requests should not be considered confirmed.

To ensure accurate reservations, please complete this reservation request
and return before **July 17, 2000**.

The Registry Resort
475 Seagate Drive
Naples, FL 34103
(800) 247-9810 (941) 597-3232 - Phone
(941) 597-9151 - Fax (Reservations)
(941) 594-6013 - Fax (Guest)

A credit card is required to guarantee all reservations. Check-in time is 3:00 p.m. Check-out time is 12:00 p.m. (noon). Room rates are subject to all applicable taxes.

_____ I have enclosed a check in the amount equal to (1) nights room rate plus tax

_____ Please charge my (1) nights deposit plus tax to the following credit card:

Credit Card Number _____

Expiration Date _____

Signature _____

The (1) night's charge plus tax is non-refundable if not cancelled at least (7) days prior to arrival date.

We look forward to having you stay with us.

Invitational Talks

Jerome Hogsette, USDA/ARS, Gainesville, FL, was invited to participate in the International Screwworm Meeting in Tuxtla, Gutierrez, Mexico, 27-31 March 2000 sponsored by the Mexican-American Commission for Screwworm Eradication. Dr. Hogsette presented alternative use recommendations for the screwworm facility and a seminar on stable fly ecology and control.

Donald Barnard, USDA/ARS, Gainesville, FL, participated in the 2nd European Conference on Travel Medicine in Venice, Italy, 29-31 March 2000. The meeting was sponsored by the World Health Organization (WHO) Center for Tourist Health and Travel Medicine and the Centers for Disease Control and Prevention in collaboration with the Region of Venice, the Republic of San Marino, and the University of San Marino Department of Biomedical Studies. Dr. Barnard also was invited to participate in a WHO conference on Global Collaboration for the Development of Pesticides for Public Health in Geneva, Switzerland 6-7 April 2000. The meeting was attended by 40 scientists from 16 countries and was convened to evaluate the WHO plan for malaria vector control.

Daniel Kline, USDA/ARS, Gainesville and Donald Barnard met with scientists from the Wildlife Conservation Society and Yale University in New York 17-18 April 2000 to develop plans for the use of ARS-developed insect trapping technology to collect, identify, and control potential mosquito vectors of West Nile virus. Beginning May 1, 2000, the team will commence studies to compare the effectiveness of the different trap configurations for capturing adult mosquitoes. The results of these studies will be used to develop and implement an area-wide mosquito control effort using removal trapping Mosquito Magnets. "Your Skin Chemicals Lure Blood-sucking Insects to Their Next Meal," an article by C. Wu about Mosquito & Fly Research Unit attractants research, is available in USDA/ARS Science News Online at <http://www.sciencenews.org/20000422/bob2.asp>.

Stephen LaPointe, USDA/ARS, Ft. Pierce, FL, provided the keynote address at a forum, "Control Alternatives for Caribbean Insect Pests," sponsored by the University of Puerto Rico at the Rio Piedras campus on April 12. Dr. Lapointe's address (presented in Spanish), "Novel Approaches for the Control of *Diaprepes abbreviatus*," described the multiple research thrusts currently underway at the U. S. Horticultural Research Lab, Ft. Pierce, to develop control methods for the Diaprepes root weevil.

Richard Mankin, USDA/ARS, Gainesville, FL, presented an invited seminar at an integrated pest management alternatives forum, "Alternativas de Control de Plagas Insectiles del Caribe," sponsored by the University of Puerto Rico at the Rio Piedras campus on April 12. Dr. Mankin's seminar described a new acoustic technology for detection of hidden pests. Dr. Mankin presented an invited seminar on April 8 at the National Science Teachers Association Annual Meeting session on Science Education for Students with Disabilities. Dr. Mankin's report focused on mentorship opportunities provided by ARS scientists and grant programs provided by the Foundation for Science and Disability for students with disabilities who are interested in laboratory research.

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 Lois Wood or Nancy Epsky.

Lois Wood, Dept. of Entomology & Nematology, P.O. Box 110620, University of Florida, Gainesville, FL 32611-0620. Phone: (352)-392-1901 Ext. 207, FAX: (352)-392-7567, Internet: LAWO@GNV.IFAS.UFL.EDU.

Nancy Epsky, USDA/ARS, P.O. Box 14565, Gainesville, FL 32604. Phone: (352)-374-5761, FAX (352)-374-5733, Internet: NEPSKY@GAINESVILLE.USDA.UFL.EDU.

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 Lois Wood or Nancy Epsky.

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.

**FLORIDA ENTOMOLOGICAL SOCIETY
2000 ELECTION BALLOT**

President

_____ Pat Greany

President-Elect

_____ John Capinera

Vice-President

_____ Howard Frank

_____ Rick Brenner

Member-At-Large

_____ Robert Meagher

_____ Ken Bloem

Secretary

_____ Stephanie Bloem

PLEASE VOTE for one individual for each office and return the ballot by July 3, 2000 to Dr. John Sivinski, USDA/ARS, CMAVE, 1700 SW 23rd Drive, Gainesville, FL 32608.

**Dr. John Sivinski
USDA/ARS, CMAVE
1700 SW 23rd Drive
Gainesville, FL 32608**