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Citrus Leaves

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From The Director

A lot of events and activities are occurring at CREC, within UF/IFAS and within the Florida citrus industry. This provides many opportunities for CREC to continue to grow and provide science-based information and solutions to interesting challenges. Thanks to all of you for your diligence in putting forth the effort to make CREC a vital partner in these efforts.

Some congratulations are in order. **Dr. Jackie Burns**, Professor of Horticultural Sciences, was recently named as a University of Florida Research Foundation Research Professor. This award is given annually to a small number of University research faculty whose recent accomplishments in research are outstanding. These awards, sponsored by the University of Florida Foundation, are recruited University-wide from nominations received from individual centers and departments. Dr. Burns will retain this Research Professorship for a three-year period. She joins Dr. Jim Graham, who received this award in 2003, as CREC's recipients who are recognized for their excellent programs. Please join me in congratulating Jackie!

Dr. Kuang-Ren Chung, Assistant Professor of Plant Pathology at CREC, was recently recognized by the American Society of Horticultural Sciences for a recent paper. His publication in ASHS was selected as "ASHS Outstanding Cross Commodity Publication for

2004." (See page 2 for story)

Drs. Steve Futch and Monica Lewandowski were both recipients of UF/IFAS 2003 IMAGE Awards, a program which recognizes marketing and communication excellence through educational products, programs or services. Steve received a Gold Award for his 'Weeds of Florida Citrus Identification Series', a series of inserts into Citrus Industry Magazine, while Monica received a Silver Award in the Newsletter Category for her 'News From CREC', an external newsletter highlighting the Center's programs and activities. (See page 5 for story)

Congratulations to each of these individuals for their excellent work. As we approach the end of the 03-04 State Fiscal Year, we are facing a major transformation from the current business and personnel management system to a more automated business enterprise management

See From the Director, page 3

Congratulations UF Graduates!

Kanjana Mahattanatawee, Ph.D.

Curt Colburn, Ph.D.

Abby Guerra, M.S.

Benjamin Warren, M.S.

3

2

UF employees Get Your Gatorlink Password! gatorlink.ufl.edu

All UF employees will need a Gatorlink password by June 18 for time and leave reporting.

Citrus Leaves

is the monthly newsletter for employees and friends of CREC.

Citrus Leaves welcomes your contributions, suggestions and corrections. Editor, Monica Lewandowski; E-mail mmlew@crec.ifas.ufl.edu; Ext. 1233. Photography, Gretchen Baut; Production and Distribution: Word Processing, Barbara Thompson, Supervisor; Kathy Snyder, Karla Flynn and Linda Murphy; Customer Service, Kathy Witherington, Supervisor, and Nancy Burke.

In Memoriam

Dr. Chancellor "Chan" Hannon, CREC plant pathologist and nematologist from 1957-1966, died of heart failure on April 21 in Haines City. He was 78.



After retiring, Dr. Hannon managed the Florida section of Kimball toppers, and subsequently worked as a citrus consultant. Although blind for the past 15 years, he remained active in his church, community and the citrus industry, and frequently attended citrus industry functions.

Photo and bio from *The Ledger*.



Spring Picnic

The Entomology & Nematology and Extension working groups are the hosts of this year's Spring Picnic for all CREC employees (current and retired) and our families. A tentative date has been set for June 4, with a location to be confirmed. Watch your mailboxes for more picnic details in the near future!

Jones Interim VP

Dr. Richard L. Jones, dean for Research and director of the Florida Agricultural Experiment Station, will serve as interim senior vice president for IFAS, effective July 1, 2004. Dr. Mike Martin is leaving the senior vice president post to accept a new position as New Mexico State University's president on July 1.

Brlansky, Howd Work in Dominica

by Larry Schnell for the April 2004 issue of *International FOCUS*, the newsletter of the UF/IFAS International Programs. international.ifas.ufl.edu/focusweb/focusapr04001.htm

A trip to Dominica to work on citrus tristeza virus in March provided UF/IFAS professor Dr. Ron Brlansky an opportunity to go to the front line in Florida's defense against citrus diseases.

Dr. Brlansky and technical assistant Deborah Howd, both from CREC in Lake Alfred, taught citrus tristeza diagnostic methods to Dominica officials in the Ministry of Agriculture's plant protection and quarantine program. While in Dominica, Dr. Brlansky was able to examine strains of citrus tristeza virus that are present in the Caribbean and other citrus diseases in Dominica that could threaten Florida's citrus industry.

The citrus industry is in decline in Dominica, but the Ministry of Agriculture has initiated a program to revitalize the industry. One component of that program involves shifting citrus production from sour orange rootstock to rootstocks that are resistant to the decline. The virus is transmitted by the brown citrus aphid, which also is present in Florida.

Another potential threat is citrus greening disease. The insect psyllid vector already is present in Florida. Dr. Brlansky visited numerous groves in Dominica but did not find the psyllid or the disease.

On this trip, March 14-25, Dr. Brlansky did not observe any other exotic diseases that could threaten Florida's citrus industry. In the future, the cooperative work with Dominica scientists will enhance UF/IFAS scientists' ability to detect migrating citrus diseases and to prepare defenses against them.



Dr. Chung was the lead author on a paper recognized by the ASHS, (story, right).



Members of the Ministry of Agriculture's plant protection and quarantine program team, from left, Naomi Commodore, Peter Hill and Gregory Linton with **Dr. Ron Brlansky**.



A typical farm in Dominica mixes a variety of crops including citrus, banana, pineapple and coconut. Pictured from left are Naomi Commodore, **Deborah Howd** (CREC) and Donny Dominique.

Postbloom Fruit Drop Paper Receives ASHS Award

A paper by CREC scientists **W. Li, R. Yuan, J.K. Burns, L.W. Timmer and K.R. Chung** was selected as the American Society for Horticultural Science Outstanding Cross Commodity Publication for 2004. The paper, "Genes for hormone biosynthesis and regulation are highly expressed in citrus flowers infected with the fungus *Colletotrichum acutatum*, causal agent of postbloom fruit drop," was published in the *Journal of the American Society for Horticultural Science* (JASHS 128:578-583, 2003), and was selected from all papers published in JASHS, *HortScience* and *HortTechnology* in 2003. The authors will be honored at an awards ceremony at the ASHS Annual Meeting on July 17 in Austin, Texas. In addition, an enlarged version of the paper will be displayed with other Outstanding Publications at the meeting. The research is funded in part by a grant from the Florida Citrus Production Research Advisory Council (Florida citrus growers).

Dr. Chung, the lead investigator on the study, joined the CREC faculty in Lake Alfred as Assistant Professor of Plant Pathology in 2000. His current research program focuses on fungal genes involved in the development of postbloom fruit drop in citrus. A native of Taiwan, Dr. Chung received his B.S. and M.S. degrees in Plant Pathology from the National Chung-Hsing University in Taiwan. He received his Ph.D. in Plant Pathology 1996 from the University of Kentucky, and also worked as a postdoctoral scientist with Dr. Margaret Daub at North Carolina State University, where he studied the molecular regulation of toxin resistance and toxin production by the fungus, *Cercospora*.

See page 4 for more on Dr. Chung's lab

Albrigo, Spreen in Mexico

Excerpted from the April 2004 issue of *International FOCUS*, the newsletter of the UF/IFAS International Programs. See full story at international.ifas.ufl.edu/focusweb/focusapr04001.htm.

Dr. Tom Spreen (Food and Resource Economics Department) and **Dr. Gene Albrigo** (CREC) presented papers at the International Citrus Conference in Sonora,

Mexico, where Mexico has a program to improve citrus production for the domestic market.

At the conference on March 25-26, Dr. Spreen gave an overview of world citrus industry, focusing on oranges and limes. Dr. Albrigo, a citrus researcher at the Lake Alfred Research and Education Center, discussed his findings on the effects of climate on flowering of citrus.

UF business functions will move to a new computer system starting July 1 (and time record keeping starting June 18). Here's a brief primer on "Bridges."

UF Bridges is a multi-year project to replace the university's current computer systems with a new web-based system. It is meant primarily for internal functions. UF financial, payroll and human resources records will move to this new system, developed by the PeopleSoft company, on July 1, 2004. Student systems, including registration, will be available in July 2006.

You will need a UF identification number

UF employees should have a UF Identification number (UFID). The UFID is used as an alternative to your social security number, to prevent identity theft and help protect your privacy. If you do not know your UFID or need to check that one has been assigned, you can look it up online: "What's my UFID" at was.isadmin.ufl.edu/webapp/baiudufi2tSSNTranslator . . . or visit the Personnel office.

You will need a Gatorlink account

Gatorlink is an individual's computer identity at UF. *Every* UF employee will need to have an active Gatorlink account by June 18 for, at the very least, payroll. You can set up a Gatorlink account online at gatorlink.ufl.edu. Your user name is the portion of your e-mail address before the @crec.ifas.ufl.edu. . . for example, if your e-mail is abc@crec.ifas.ufl.edu, your username is abc. If you encounter problems or forget your password, call the UF Computing Help Desk (352) 392-HELP or helpdesk@ufl.edu. Do not wait until the last minute to establish your account.

What is a portal and a pagelet?

The website at my.ufl.edu is called myUFL *portal*. This website is where you can access your UF records and other information. You can customize your page with sections pertaining to your department or interest - for example, IFAS has a section (also called *pagelets* in Bridges terminology). CREC has a section within IFAS. You can select "pagelets" for other resources such as weather information, the New York Times, The Chronicles of Higher Education and more. Every time you log onto my.ufl.edu, you will be able to view the latest news and updates for your selected pagelets.

From the Director . . . from page 1

system. This new system promises to more efficiently manage most of our business functions, providing more timely and effective information and resource management. However, these major transitions do not occur unnoticed. As indicated in the memo from CREC Personnel (right), there will be some adjustments to normal business during the transition, and we will need to do everything possible to shift between systems. The CREC Business and Personnel Offices are trying to anticipate, and are asking for your assistance and patience while we go through this change. Please follow their counsel and make it easier on all of us.

Since the new system will require more end-user interaction, we are requesting that all **UF CREC employees pursue the steps to acquire a gatorlink account**, the gateway to your access to the new system. You will find that this is your access to leave and pay stub information, as well as other information and services. Each UF employee requires an individual gatorlink account, and if you haven't set one up, please go to www.gatorlink.ufl.edu.

Harold Browning

Hey, what's Bridges?



Important Memo from CREC Personnel

Schedule Changes For Bridges Transition

During May and June, the CREC Personnel Office expects an increase in activity relating to the upcoming transfer of records and systems to the new PeopleSoft system expected to begin in July. For Time and Labor (Payroll) purposes, this change will take effect June 18, 2004. In conjunction with these changes, the UF Division of Human Resources **will not process any personnel actions June 10 - 17, 2004**. The IFAS Human Resources office will stop processing personnel actions during the same time period and **will not process non-essential personnel actions during the entire month of June**.

With these facts in mind, the CREC Personnel office will be severely limited as to the types of personnel transactions that we will be able to accomplish during late May and the entire month of June. Therefore, all CREC - Lake Alfred employees that need to initiate personnel-related transactions in May and June are asked to do so by appointment only. During June, we will attempt to serve your needs as best we can. However, we may not be able to accommodate all your requests and we intend to close our doors as necessary in order to meet the deadlines set for us by the University.

It is particularly important that all personnel reappointments (grant-funded positions and OPS assignments) for the period beginning July 1 be accomplished prior to the main period of activity in June. Thus, the CREC Personnel office requests that you turn in all completed reappointment paperwork by May 28. Any reappointments turned in after this date may be held until after July 1, when the new system is up and running and we are back on line. This means that delays in reappointment will result in a gap in paid work time until the appointment is complete.

We hope things will return to near normal sometime in July but wish to remind all employees that we will be learning and implementing new procedures that may take some period of time to master. We appreciate everyone's patience during this time of transition. We are prepared to work with you now to avoid problems during this forthcoming period of uncertainty.

CREC Personnel Office

- ♦ UF Division of Human Resources: no personnel actions will be processed June 10 - 17.
- ♦ IFAS Human Resources: no non-essential personnel actions will be processed in June.
- ♦ CREC Personnel: personnel-related transactions by appointment only in May and June.
- ♦ Grant-funded position and OPS assignments - reappointment paperwork must be submitted by **May 28** to avoid delay or break in paid work time.



Meet . . .

Dr. Amer Fayad - a post-doctoral scientist engaged in citrus tristeza virus research with **Dr. Ron Brlansky**.

Dr. Fayad, who is from Lebanon, holds a B.S. and master's degree from American University in Beirut. He completed a Ph.D. in plant pathology from Virginia Tech in December, where he conducted research on soybean mosaic virus with Dr. Sue Tolin. His research included studies on the molecular diversity between isolates of soybean mosaic virus, and yield effects of resistance breaking strains. Dr. Fayad came to CREC in February.



Ayna Salas, a student intern (practicante) who worked with **Dr. Ron Brlansky**, returned to Zamorano University in Honduras after a two-month stay. Originally from Quito, Ecuador, Ayna is a senior agronomy major. Ayna enjoyed her stay at CREC so much she says she would like to return to pursue a graduate degree.

CompuColumn

The Information Support Department's Mike Armstrong reminds us that you cannot trust the "From" address in e-mails. Spammers and virus authors are spoofing "From" addresses to fool you into opening their virus-laden attachments. Setting your e-mail client to accept only text e-mail will help reduce your chances of being infected. There are settings in Outlook Express and Outlook to reject any non-text HTML "active content" in an e-mail message. However, you won't be able to view images in the body of the e-

mail message.

The lal.ufl.edu domain will "disappear" by the end of 2004. UF users should inform you colleagues that your e-mail address is: username@crec.ifas.ufl.edu. If you subscribe to any mail lists, make sure that your e-mail address is correct.

Also, the CREC website address is: www.crec.ifas.ufl.edu

ISD has been feverishly testing and tweaking spam filters, thank you!

W

Look! UF CREC e-mail addresses are **username@crec.ifas.ufl.edu**
Our website is **www.crec.ifas.ufl.edu**

Better Business

Tips that pertain to UF/IFAS Business:

Purchases on UF state accounts should be made by May 31 to complete processing by the end of the fiscal year, June 30.

PO Numbers

When submitting a Requisition to the Business Office to request a Purchase Order number, provide the full address and phone number of the vendor or supplier. This will expedite the process for obtaining a Purchase Order number.

Non-Alien Payments thru SHARE

SHARE (Special Help for Agricultural Research and Education) does not allow honorarium payments to non-resident aliens if they are not on UF's payroll. In these cases, travel expenses and/or services can be paid with an invoice (service must be provided before payment) from SHARE accounts.

P-Cards Do Not Allow OCO

Operating Capital Outlays (OCO) purchases are still prohibited with UF Purchasing Cards (P-Cards). While the Single Transaction Limit (STL) for commodities on most cards was raised from \$1000 to \$2000, this did not make the purchase of OCO items over \$999.99 allowable.



Kate A. Lahey and Huiqin Chen from **Dr. K.R. Chung's** laboratory at CREC-Lake Alfred gave an oral presentation, "Molecular interactions between citrus and *Colletotrichum acutatum*" at CREC's weekly "Plant Path and Friends" seminar on April 2. The fungus, *Colletotrichum acutatum*, is the causal agent of postbloom fruit drop.

Kate (above left) is studying the expression and characteristics of genes associated with *Colletotrichum* infection. She is a biology graduate from Florida Southern College.

Huiqin (above right), has been working in Dr. Chung's lab since

November. She is investigating the molecular characteristics of *Colletotrichum* gene(s) involved in causing disease. Huiqin previously worked for the FDOC with Dr. Mohamed Ismail. She has a bachelor's degree in biology from Xingjiang Normal University, and a master's degree in plant physiology from Huazhong Agricultural University in Wuhan, China.

The IFAS publication, "Postbloom fruit drop," by L.W. Timmer, P.D. Roberts, K.R. Chung and Alka Bhatia is online:
edis.ifas.ufl.edu/BODY_CH094.

News

CREC is currently recruiting for an **Assistant Professor**, Precision/Agriculture/Mechanical Harvesting. Initial screening will begin on July 1.

The Graves family of Vero Beach was honored at the city's Fifth Annual Pioneer Dinner. The Graves family established citrus groves in the Indian River County 85 years ago. Members of the Graves family have been leaders in government, community and in the citrus industry. The family also established the Graves Endowed Chair for Biotechnology at CREC, in honor of J.R. "Rip" and Addie Graves, held by Eminent Professor **Dr. William Dawson**. Three stories on the Graves family

history from 4/22/04 can be accessed online at www.tcpalm.com (search for 'citrus').

Monica Lewandowski staffed a CREC exhibit and collected resumes at the 2004 Professional Career Expo on April 22. If interested, they are on file in the CREC Personnel Office.

Gretchen Baut, Linda Murphy, Karla Flynn, Jane Wilson and Monica Lewandowski participated in the Polk County Agri-fest, an agricultural educational activity at the Polk Agricultural Center in Bartow. Over 5000 4th graders in Polk County participated over a two-week period learn about commodities such as citrus, horticulture, livestock, phosphate and water issues. Chris Oswalt, Polk County citrus Extension agent, coordinated the citrus section.

UF/IFAS Image Awards

The UF/IFAS Marketing and Communications office recognized several projects in the IMAGE awards program. The IMAGE Awards Program encourages and recognizes excellence in the marketing and communication of educational products, services, or programs developed by UF/IFAS faculty and staff. Categories included brochures, websites, exhibits, newsletter, reports and more.

Dr. Steve Futch and Dr. David Hall received a Gold award for their Citrus Weeds Identification Series report.

Dr. Monica Lewandowski, Dr. Harold Browning, Gretchen Baut, Barbara Thompson and Linda Murphy received a Silver award for the "News from CREC" newsletter. "News From CREC" is an external newsletter with CREC news for the citrus industry, area schools and general community.

Holly Chamberlain (citrus canker Extension coordinator) received a Gold award for the Citrus Canker Decontamination Spray Bottle. **Holly Chamberlain, Dr. Pamela Roberts, Dr. Mongi Zekri and Dr. Pete Timmer** received a bronze award for the UF/IFAS Citrus Canker Extension Display.

For a complete list of awards, visit ifasmarketing.ifas.ufl.edu/News5/Issue5.htm.

Gators in Tallahassee

CREC participated in the 2004 UF Gator Day at the state capitol in Tallahassee on April 15. The event was an opportunity for UF to set up displays and demonstrations to emphasize the importance of UF programs to legislators and capitol visitors. UF representatives distributed information and promotional items. CREC distributed oranges, brochures, bookmarks and other promotional items.

Dr. Monica Lewandowski staffed the

CREC exhibit. Special thanks to Gretchen Baut for artwork, photography and exhibit design, to Dr. Harold Browning, and to the CREC marketing committee for several ideas: Dr. Mickey Parish, chair, Pam Russ, Dr. Ron Brlansky, Dr. Steve Futch, Jack Smoot and Shelby Graham. Also, thanks to Troy Gainey and the grove crew: Michael Clock, Phillip Mitchell, Rommel Rubio, Robert Kleber and Danny Perkins; and to Bob Hoobin and Tam Nguyen in the Packinghouse for providing the oranges - they were a hit!



Above left, Monica with the CREC display. Center photo, the rotunda of the state capitol was decked out in orange and blue balloons and UF banners. Far left photo, Dr. Cindy Littlejohn (IFAS government relations) and Dr. Joe Joyce (Exec. Assoc. Vice-President of Agriculture and Natural Resources) toured the capitol with a UF trustee (right).



Left, Dr. Amanda Hodges (left) with the Southern Plant Diagnostic Network and Holly Chamberlain, who represented the UF/IFAS Citrus Canker Extension program and the Southwest Florida REC in Immokalee. Center: Albert loves visiting Tallahassee! Far right, Danny Wuerffel, former UF quarterback on the 1996 national championship team, was the guest speaker at lunch.

Photo Corner

The PhotoLab is purchasing a new 44" wide printer. To set up posters in Powerpoint, select the File/Page Setup menu. Enter 44" height for landscape oriented posters, and the desired width (56" is the maximum size that Powerpoint will allow). For portrait posters, enter 44" width, and the desired height. Keep in mind that larger poster means bigger file size and it may slow down your computer.

Sometimes the colors on printed posters are quite different than what you thought they would be. Gretchen Baut's monitor is calibrated to the poster printer - check before printing.

IFAS Marketing produces an online newsletter with news and tips. Gretchen Baut was one of the featured marketing committee members in the April 2004 newsletter. Check it out: ifasmarketing.ifas.ufl.edu/News5/Issue5.htm.

FCPRAC Approves \$2 Million for Production Research

The Florida Citrus Production Research Advisory Council (FCPRAC) approved 29 research proposals submitted by scientists at UF and the USDA for funding in the 2004-2005 fiscal year. Funds for this program come from a self-imposed tax of \$0.75 per box of fruit produced, sometimes referred to as the research box tax. Florida citrus growers began this research funding program 12 years ago in attempt to supplement shortfalls in research funding.

A wide variety of proposals were approved, all of which are directly related to production. The largest portion of the funds was allocated to citrus genetics, breeding and plant improvement research. While such studies are often long term basic science efforts, the FCPRAC believes that this is the area where breakthrough results are most likely to be forthcoming. Substantial efforts in citrus tristeza virus (CTV) and Diaprepes root weevil were also approved for funding. Other projects in plant pathology, entomology and management were also funded.

In the 12-year history of the program, Florida citrus growers have provided nearly \$20 million for citrus production research.

Dr. Larry Jackson retired as the FCPRAC scientific research coordinator. Dr. Steve Rogers is the new scientific research coordinator.

(Excerpted from a FCPRAC news release by Dr. Larry K. Jackson).

Below is an overview of some of the major CREC projects funded by the FCPRAC. For more information, the FCPRAC Annual Reports can be accessed online:

www.crec.ifas.ufl.edu/FCPRAC/

Plant Improvement

Scientists are using traditional breeding techniques as well as new genetic tools to develop scions and rootstocks with characteristics such as disease and pest resistance, enhanced juice and fruit quality and extended harvesting seasons. Some specific projects include new mandarins for the fresh market, Diaprepes-tolerant rootstocks and tristeza resistant varieties. The UF/IFAS plant improvement research is led by Dr. Jude Grosser, Dr. Fred Gmitter, Dr. Bill Castle (CREC) and Dr. Gloria Moore (Gainesville).

Citrus Tristeza Virus

A block grant for citrus tristeza virus (CTV) research includes Dr. William Dawson, Dr. Steve Gamsey and Dr. Richard Lee (UF/IFAS CREC), Dr. Tim Gottwald, Dr. Mark Hilf and Dr. Scott Adkins (USDA-ARS Horticultural Research Laboratory in Ft. Pierce), Dr. Peggy Sieburth (FDACS/Division of Plant Industry). In the past year, progress was made on developing laboratory detection methods to distinguish between severe exotic strains of CTV and decline strains already present in Florida. Work on the molecular

genetics of CTV has contributed to further experiments on the use of strains to provide cross-protection against severe CTV isolates.

Diaprepes Root Weevil

Research on Diaprepes root weevil, a devastating pest of citrus and other crops, involves UF/IFAS CREC, USDA-ARS in Ft. Pierce, FDACS/DPI and UF-Gainesville. CREC researchers include Drs. Larry Duncan, Clay McCoy, Herb Nigg, Robin Stuart, Jim Graham, Jim Syvertsen, Arnold Schumann, Jude Grosser and their lab staffs.

In the area of biological control, researchers are seeking to improve the use of parasitic nematodes for Diaprepes larvae. Investigations on egg parasitoids and other insects predators of Diaprepes are also underway. Other biological control strategies being explored include the use of viruses that infect Diaprepes and novel plant compounds as biopesticides.

Promising new rootstocks developed by UF/IFAS and USDA scientists are exhibiting good growth in Diaprepes-infested areas. A project is also underway to study soil characteristics and the effects of flooding on citrus tree growth, and how these factors affect the ability of trees to withstand Diaprepes-*Phytophthora*.

Visit the new Diaprepes Task Force website at: www.crec.ifas.ufl.edu/Diaprepes_Task_Force.



Sojourn to Savannah

Girl Scout Troop 329 visited Savannah, Georgia to visit the birthplace of Juliette Gordon Low, founder of the Girl Scouts of the USA. The Juliette Gordon Low birthplace hosts tours and educational programs for Girl Scouts and other visitors.

According the CREC's **Shelley Jones**, troop leader, the troop participated in a special program to learn about Victorian life. The girls dressed in Victorian dress and played parlor games similar to those played by young women of the time. In the



far right photo, Shelley is seated in the middle row, far left. Her daughter, **Katie**, is standing in the back row, third from the left. **Kacie Gmitter**, daughter of Dr. Fred Gmitter, is seated on the bottom row, far left.

The troop also visited Savannah's historic district. Savannah, which was the first colony in Georgia, is known for its distinctive grid plan as well as its 18th and 19th century architecture. The



original town plan was laid out Gen. James E. Oglethorpe, founder of the British colony of Georgia.

The girls also visited Tybee Island Lighthouse, at the mouth of the Savannah River. The original lighthouse was built in 1736, and was the tallest structure of its kind in America at the time.



Manuscripts Submitted to the Publications Committee in April:

S. Singh and M. Singh. Effect of Seeding Depth and Flooding on Weed Emergence. *Weed Science*.

E. Etxeberria, P. Gonzalez, and J. Pozueta-Romero. Sucrose Transport into Developing 'Murcott' Mandarin Juice Cells. *Proceedings of the 10th Congress of the International Society of Citriculture*.

L. R. Parsons. Now is the Time to Irrigate. *Florida Grower*.

R. T. Villanueva, J. C. Rodrigues, and C. C. Childers. *Cryptothela gloverii* (Lepidoptera: Psychidae), an arthropod predator and herbivore on Florida Citrus. *Experimental and Applied Acarology*.

S. H. Futch, and R. H. Brlansky. Field Diagnosis of Citrus Tristeza Virus. *Citrus Industry Magazine*.

W. W. Guo, X. D. Cai, and J. W. Grosser. Somatic Cell Cybrids and Hybrids in Plant Improvement. *Molecular Biology and Biotechnology of Plant Organelles*.

S. H. Futch and F. Roka. Continuous Canopy Shake Mechanical Harvesting Systems. *Citrus Industry Magazine*.

R. S. Buker, III. Using Clientele Preferences to Design Web Delivery of Citrus Information. *Proceedings of the 10th Congress of the International Society of Citriculture*.

L. G. Albrigo, J. I. Valiente, and C. Van Parys de Wit. Influence of Winter and Spring Weather on Year-to-Year Citrus Fruit Set and Yield Variability in Sao Paulo, Brazil. *Proceedings of the 10th Congress of the International Society of Citriculture*.

J. W. Grosser and F. G. Gmitter, Jr. The Continuing Evolution of Protoplast Fusion as a Tool for Citrus Variety Improvement. *Proceedings of the 10th Congress of the International Society of Citriculture*.

J. W. Grosser and F. G. Gmitter, Jr. The Role of Biotechnology in Developing Quality Citrus Fruits. *Proceedings of the 10th Congress of the International Society of Citriculture*.

J. L. Chandler, J. A. Browning, W. W. Gou, and J. W. Grosser. RAPD Analysis of 'Tetrazyg' Progeny from Crosses of Selected Somatic Hybrids for Rootstock Improvement. *Proceedings of the 10th Congress of the International Society of Citriculture*.

G. Ananthkrishnan, S. Gowda, V. Orbovic, W. O. Dawson, and J. W. Grosser. Regeneration of Transgenic Sweet Orange and Carrizo Citrange Plants Containing a 742 bp Citrus Tristeza Virus-Derived Sequence 392. *Proceedings of the 10th Congress of the International Society of Citriculture*.

K. A. Lahey, R. Yuan, J. K. Burns, P. P. Ueng, L. W. Timmer, and K.-R. Chung. Induction of Phytohormones and Differential Gene Expression in Citrus Flowers Infected by the fungus *Colletotrichum acutatum*. *Plant Physiology*.

Welcome

Dr. Mathias Choquer - post-doc
(Dr. Chung)

Dr. Filomena Valim - Research Scientist I,
FDOC

Laura J. Waldo - OPS (Dr. Schumann)

Dr. Steve Rogers - FCPRAC scientific
research coordinator

Jeff Browning - OPS (Dr. Grosser)

Bill Lints - Lab technician II (Dr. Cancalon)

Joshua Adkins - OPS (Dr. Buker)

Farewell

Ayna Romero Salas - visiting student
(Dr. Brlansky)

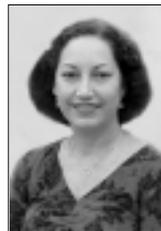
Lonnie Buchanan - OPS (Dr. Castle)

Justin Pettit - OPS (Dr. Buker)

Nicole Felippe - OPS (E. Whaley)

Congratulations

Dr. Filomena Valim has accepted a position as Research Scientist I with the FDOC at CREC. She is setting up a laboratory in Building 7155, west of the Packinghouse.



Kyra Love, daughter of **Perry and Rhonda Love**, was named a United States National Award Winner in English by the U.S. Achievement Academy. Kyra, who was nominated by her teacher, is a student at McLaughlin Middle School. Criteria for selection include academic performance, leadership qualities and other characteristics.

June 6-8
117th Annual Meeting
Florida State Horticultural Society
Sheraton World Resort, Orlando
www.fshs.org

- ♦ 125 oral presentations
- ♦ 2 special 1/2 day programs
- ♦ 1/2 in-service training offer
- ♦ 2 invited speakers
- ♦ Educational/informational exhibits
- ♦ 2 receptions
- ♦ Great meeting

Come join friends, colleagues and the Florida horticultural industry

Early registration \$100 by May 6
\$110 after May 6

Sanjit Singh, son of **Dr. Samunder and Dr. Shila Singh**, received three special awards, including a CREC special award, at the State Science and Engineering Fair of Florida in Jacksonville on April 14-17. Sanjit's project title was, "The possible allelopathic effect of perennial peanut growing in citrus row middles on major citrus weeds." Sanjit, who worked with Dr. Joe Noling at CREC, received a certificate and book, "Florida Citrus Varieties." He also received a \$75 cash award and certificate from Florida Agriculture in the Classroom and a \$25 cash Brennan Family award.

A CREC special award (certificate and book) in the senior division was given to Nithya M. Krishman from Ft. Myers High School.

