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**Color pdf of  
Citrus Leaves**

**Online:  
www.crec.ifas.ufl.edu**

**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](mailto:mmlew@crec.ifas.ufl.edu); Ext. 1233. Photography and graphics, Gretchen Baut; Production and Distribution: Word Processing, Barbara Thompson, Supervisor; Kathy Snyder, Karla Flynn and Linda Murphy; Customer Service, Kathy Witherington and Nancy Burke.

**Dr. McCoy Named First Citrus Research and Education Center Distinguished Professor**

**Dr. McCoy Honored in April**

Dr. Clayton W. McCoy, UF/IFAS Professor of Entomology at CREC, was named the first Citrus Research and Education Center Distinguished Professor. The professorship is an honorary distinction that recognizes excellence and outstanding career achievements. Dr. McCoy was honored by colleagues at a dinner in Lakeland on April 25.

Dr. McCoy, who is retiring on May 31, was also honored at a luncheon at CREC on April 29, attended by over 140 colleagues and friends, including several former postdoctoral scientists and students. During Dr. McCoy's 33-year career at CREC, he focused on integrated pest man-



agement and biological control of citrus pests. For the past several years, his research on the Diaprepes root weevil included work on detection methods, chemical treatments, cultural practices and biological control. He served as the scientific coordinator of the Diaprepes Task Force for several years, providing information and education to citrus growers and students. Much of his work serves as the basis of Diaprepes management practices in citrus today. Dr. McCoy was active in several professional societies, including the

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Diaprepes management practices in citrus today. Dr. McCoy was active in several professional societies, including the

*see Dr. McCoy, p. 4*

**Dr. Reza Ehsani,  
Dr. José Reyes Onboard**

CREC's newest faculty members, Dr. Reza Ehsani and Dr. José Reyes have arrived and are getting settled into their office and work areas. Dr. Ehsani is Assistant Professor of Precision Agriculture/Mechanical Harvesting and is affiliated with the UF/IFAS Agricultural and Biological Engineering Department. Dr. Reyes is Assistant Professor of Food Process Engineering and is part of the UF/IFAS Food Science and Human Nutrition Department.

*See page 3 for profiles on Dr. Ehsani and Dr. Reyes.*



Graduates! Left to right: Dr. April Elston, Dr. Russell Rouseff and Kristin Nelson at the UF graduation ceremony in May. Dr. Elston completed her Ph.D. in food science and Kristin graduated with a M.S. in food science, both working with Dr. Rouseff. Dr. Elston, who has a B.S. from Florida Southern College (2001, B.S. magna cum laude, Chemistry) is now working at Jim Beam in Louisville, Kentucky. Kristin, who graduated with her B.S. with honors from Georgia Tech in 2002, is working at Mastertaste Inc. in Lakeland.

**ISD Tip of the Month  
Page 6**



## UF Superior Accomplishment to Bruce Robertson

CREC's electrician **Bruce Robertson** was one of 23 UF/IFAS employees honored with UF Superior Accomplishment Awards. The program recognizes outstanding and meritorious service. Bruce (left) is pictured at a ceremony on March 30 at the UF Gainesville campus with Dr. Richard Jones, UF/IFAS Dean for Research. Honorees received a \$200 cash award, certificate and commemorative mug set. In addition to his daily responsibilities with CREC Facilities, Bruce is often called upon to address electrical problems 'round the clock. His dedication and efforts were particularly evident during the 2004 hurricane season, helping CREC handle electrical outages, structural damage and other problems. Congratulations and thank you, Bruce!

## Florida State Horticultural Society 118th Annual Meeting Tampa Marriott Westshore June 5-7

Abstracts and preliminary program online:  
[www.fshs.org](http://www.fshs.org) (click on the Annual Meeting Resources button on the left)

Sessions in Citrus, Handling and Processing, Vegetables, Krome Memorial (Tropical Fruits), Ornamental, Garden and Landscape

### Other Highlights:

**June 6, 9:00 am: General Session Keynote**  
*Dr. Gene Pollard, FAO, Plant Protection Officer for the Caribbean Region, "Responding to the Threat of Alien Invasive Species in the Caribbean Sub-region"*

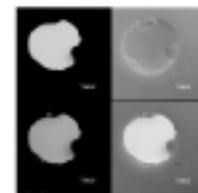
**June 6, 3:30 - 5:00 pm Special workshop**  
*"Citrus Canker in Florida: Status and Prospect for the Future"*

**June 7: 7:00 am Horticultural Breakfast**  
*Dr. Clyde Fraisse, Extension Scientist, UF/IFAS, Agricultural & Biological Engineering Dept. "From Oceans to Farms: Disseminating Climate Information via Extension"*

## Cover Shot

**Dr. Ed Etxeberria's** photograph from his publication, "Sucrose-inducible Endocytosis as a Mechanism for Nutrient Uptake in Heterotrophic Plant Cells," was selected as the cover photo for the March issue of *Plant & Cell Physiology* [46(3): 474-481 (2005)]. The photos are images of citrus juice cells incubated with fluorescent dyes for investigations on sucrose metabolism, viewed on our confocal microscope at CREC.

## Plant & Cell Physiology



March 2005 Vol. 46

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## CREC in JASHS

Check out the March 2005 issue (Vol. 130 No. 2) of the *Journal of the American Society for Horticultural Sciences*. CREC scientists have four articles in this issue ([www.ashs.org/journal](http://www.ashs.org/journal)):

Growth environment and leaf anatomy affect nondestructive estimates of chlorophyll and nitrogen in Citrus leaves by **John L. Jifon, James P. Syvertsen and Eric Whaley**, pp. 152-158.

Linkage of an *Alternaria* Disease Resistance Gene in Mandarin Hybrids with RAPD Fragments by **Zeynel Dalkilic, L.W. Timmer, and Frederick G. Gmitter, Jr.**, pp. 191-195.

Low relative humidity at harvest and before storage at high humidity influence the severity of post-harvest peel pitting in Citrus by **Fernando Alferez, Lorenzo Zacarias and Jacqueline Burns**, pp. 225-231.

Sucrose transport into Citrus juice cells: Evidence for an endocytosis transport system by **Ed Etxeberria, Pedro Gonzalez and Javier Pozueta**, pp. 269-274.



## Polk County Day In Tallahassee

CREC participated in "Polk County Day" at the state capital in Tallahassee on April 20-21. Dr. Mickey Parish and Dr. Monica Lewandowski attended events associated with "Polk County Day," and set up a CREC exhibit in the capital courtyard with other Polk County cities and businesses. The event was an opportunity to meet Polk County legislators, and business and community leaders. Dr. Parish also distributed CREC information to the staff offices of Polk County legislators.

## CCA Workshop

UF/IFAS hosted a Certified Crop Adviser seminar at CREC on April 13. About 65 people attended the 10-hour workshop that offered certified crop adviser training in the areas of integrated pest



management and nutrient management. This is the second CCA day-long workshop hosted by CREC in the past year. Above left, seminar co-organizer Dr. Ed Hanlon (UF/IFAS Southwest Florida REC) at the workshop; right, Dr. Larry Duncan, CREC, presented a seminar on Diaprepes root weevil management. The seminar was available by videoconference in Gainesville and Quincy.

## CREC Welcomes Dr. Reyes, Dr. Ehsani

### Dr. José Reyes

Dr. José Reyes joined the faculty of the University of Florida/IFAS (UF/IFAS) Citrus Research and Education Center (CREC) as Assistant Professor of Food Process Engineering in April.

Reyes holds a 70 percent research -30 percent teaching appointment. He will establish a program in process technology development for the improvement of safety, quality and efficiency for Florida citrus processors. His interests include instrumentation and automation of food processes, with an emphasis on the development of biosensors and rapid enzyme methods for food safety and quality assurance. He will also develop and teach a graduate course in fruit juice and beverage processing.

Dr. Reyes has a Ph.D. in engineering science and M.S. in chemical engineering from Washington State University, and a B.S. in chemical engineering from the National Autonomous University of Mexico. He also has previous experience as a project engineer in the beverage industry, and formerly taught high school mathematics, science and French in his native country of Mexico. Reyes and his wife, Alma, have two young sons, Carlos and Andres.

Dr. Reyes' telephone extension is 1344 and his e-mail: [jjreyes@crec.ifas.ufl.edu](mailto:jjreyes@crec.ifas.ufl.edu).



*Dr. Reyes' family includes his wife, Alma, and sons Carlos (below left) and Andres, pictured at the CREC picnic in April.*



### Dr. Reza Ehsani

Dr. Reza Ehsani joined the CREC faculty as Assistant Professor of Precision Agriculture and Mechanical Harvesting in April.

Dr. Ehsani holds a 70 percent research-30 percent Extension appointment. He will work on improving mechanical harvesting for citrus and new technology for precision agriculture. The long term goal of his research program will be to develop methods and tools that enhance the profitability and sustainability of citrus production in Florida and help the growers to make better management decisions. His current areas of research include developing and improving yield monitoring systems for citrus mechanical harvesters, applications of wireless sensor networks for citrus groves, evaluating the dynamic accuracy of GPS receivers in groves, and soil moisture and compaction sensors. He will also work to develop education materials on the application of GPS/GIS and sensor technology to citrus production, and organize grower conferences on precision agriculture and mechanical harvesting for citrus.

Dr. Ehsani has a Ph.D. in Biological and Agricultural Engineering from the University of California, Davis, where he worked on precision agriculture applications for high value crops, and a B.S. and M.S. in Agricultural Engineering from Tehran University, Iran.

Prior to his appointment with UF/IFAS, he was an Assistant Professor and precision agriculture specialist at The Ohio State University, where he was involved in Extension programs in precision agriculture technology for the Ohio agricultural industry.

Dr. Ehsani's telephone extension is 1228 and his e-mail, [ehsani@crec.ifas.ufl.edu](mailto:ehsani@crec.ifas.ufl.edu).



*Dr. Ehsani's family includes his wife, Elizabeth, 21-month old son, Arman (with Elizabeth), and 4-yr. old son, Nick (at the CREC picnic in April).*



## CREC Bids Farewell to Dr. Buker, Dr. Dou

A CREC reception was held on May 6 to wish Dr. Richard Buker and Dr. Huating Dou, Ling Wang and their families best wishes and farewell. Dr. Buker accepted a position as Division Proprietary Product Manager with Helena Chemical Company. Dr. Dou has accepted a position with BASF in Dinuba, California, located in the Central San Joaquin Valley. Above left, Dr. Buker accepts a plaque, presented by Dr. Harold Browning, and right, Dr. Dou is presented with Florida citrus gifts from FDOC scientific research director Dr. Bill Stinson. Dr. Dou has been working for the FDOC in the area of postharvest physiology. Prior to that, he worked for UF/IFAS as a post-doc with Dr. Alva on plant nutrition research. His wife, Ling Wang, works for Dr. Gmitter, and will move after their two children finish the school year.



**Dr. Yuan Rongcai**, formerly a postdoc with Dr. Jackie Burns, is now an Assistant Professor at VPI Agricultural Research and Extension Center at Winchester, Virginia,

where he will work on thinning and abscission in apples and peaches. Dr. Rongcai conducted research on citrus abscission at CREC with Dr. Burns.

## Dr. McCoy . . . from p. 1

Entomological Society of America and the Florida Entomological Society, serving as president in 1984. In 2000, he received a USDA Honor Award for outstanding contributions to agriculture.

Dr. McCoy's retirement event included a bluegrass band, a lavish cake decorated with Diaprepes root weevils made of icing, a catered lunch, and a few hundred orange and blue balloons. A video on Dr. McCoy's life and career, created as a surprise, was narrated by his daughter, Lisa, and produced by Gretchen Baut and Monica Lewandowski. The video chronicled his life, starting with his childhood in rural Minnesota. He played baseball at Gustavus Adolphus College in Minnesota, where he "discovered" entomology, which would become his life's work. He earned a master's degree from the Univ. of Nebraska and a Ph.D. from the Univ. of California, Riverside. Dr. McCoy spent five years at the USDA ARS laboratory in Orlando before moving to CREC in 1972. The video also included his family and photos of friends and colleagues, as well as a humorous, animated tribute to his daily commute from his Winter Park home to Lake Alfred (created by Gretchen).

Dr. McCoy's wife, Lynne, daughter Lisa, and son-in-law, Brian Buchner, were also in attendance. They played a large role in the planning of the party, with much of their work done as a surprise to Dr. McCoy.

In honor of Dr. McCoy, a fund was established to support student education in entomology. Contributions may be made payable to the CRE Foundation, c/o the Center Director's office.



Dr. McCoy (far right) and his wife Lynne (second from right), with daughter Lisa and son-in-law Brian Buchner. Dr. McCoy's family played a large role in the party planning, keeping details a secret from Dr. McCoy. Right photo: a cake was decorated with Diaprepes root weevils made out of icing. *Photos by Gretchen Baut and Monica Lewandowski.*



Far left, left to right: Diane Bright, Kathy Snyder and Karla Flynn serve up the Diaprepes-infested cake; center, center, a close-up of the cake; far right, guests were invited to sign the mat board of a caricature drawing of Dr. McCoy.



Left: Banners and buttons carried the message for Dr. McCoy's retirement luncheon; right, several colleagues traveled to attend the event (those standing).



Above, far left: Dr. Larry Duncan chats with Steve Krueger. Second from left, Al and Dot Selhime. Dr. McCoy started his citrus career at the USDA ARS lab in Orlando in 1967, where Al Selhime was a director. The Selhimes reside in Lake Alfred. Center, Andy Rose; second from right, John Taylor, Jr. (Syngenta Crop Protection), a long-time friend and associate; far right, Dr. David Shapiro, a former post-doc. Left: Ian Jackson (near left) and Dr. Herb Nigg served as emcees. Right: Dr. Steve Garnesey and his wife, Rosalee, traveled from California to attend the luncheon.



## More pics from Dr. McCoy's Luncheon

Comments and stories were shared by many who know Dr. McCoy. Above, left to right: Jack Smoot has been Dr. McCoy's carpool buddy over the years; Jerry Fojtik started working for Dr. McCoy in 1972, when Dr. McCoy arrived at CREC. "I would do it all over again," Jerry said. Second from right, Roberto Pereira, and far right, Denise Dunn.



Above far left: Dr. Syvertsen shares some comments with Dr. McCoy about their common Lutheran upbringing. Second from left, William Swen expresses thanks to Dr. McCoy for housing accommodations when he first came to the U.S.; second from right, longtime friend, John Jackson (Lake County citrus agent), and far right Terry Couch, an associate from Abbott Laboratories. Near right, Dr. Harold Browning presents a plaque to Dr. McCoy. Far right, Dr. Browning shared a few stories about working out in the gym with Dr. McCoy and Dr. Nigg. "You can see the results!" said Dr. Browning. He added that in past years, he, Dr. McCoy and several others regularly played basketball at lunchtime, a pastime that was eventually abandoned. "The medical bills got too high," explained Dr. Browning.



Far left, left to right: Dr. Ivan Stewart, Rita Duncan (UF/IFAS Tropical REC), Dr. Bill Castle and Dr. McCoy; second from left, Angel Hoyte from Dr. McCoy's lab played a large role in the party planning; Lisa McCoy-Buchner, her husband, Brian and family friend Cyndie Cox; second from right, Shelby Graham puts the finishing touches on the floral arrangement; far right, Gretchen, Sandy and Monica pause for a photo before the festivities begin. *Photos by Gretchen Baut and Monica Lewandowski.*

## Identification of Weeds in Florida Citrus

**New Edition  
Now Available**

\$10 at the CREC Extension office (Building 24 "Admin", Rm. 122, Jane Wilson's office) for in-person cash/check sales; online for cc and mail-order at [www.ifasbooks.com](http://www.ifasbooks.com).



A new edition of a photo set of "Identification of Weeds in Florida Citrus," by Dr. Steve Futch and Dr. David W. Hall, is now for available (\$10). This publication was developed to assist citrus growers and farmers with identifying commonly found weeds that may appear in various farming operations throughout Florida. Sixty-six weeds, including broadleaf, grasses and sedges are highlighted by a color photos

## Thank you

*I would like to express my sincere appreciation to all employees of CREC and others for your part in making my retirement luncheon a huge success. Special kudos go to Herb for financial help, and to Monica and Gretchen for their creative skills in bringing science and the rest of the world closer together. Thanks to Shelby, Angel, Ian, Word Processing and the Business Office for the "Go Gators" setting. The flowers, cake and video were awesome. Oh! Thanks to my daughter Lisa's team for the band and artwork. Thank you!*

**Clay and Lynne McCoy**

and lists both common and scientific names. Indexes and cross references from scientific names to common names are also provided. Plant characteristics that aid in plant identification are highlighted and include: season of growth, stem, height, leaf shape, life cycle, flower, fruit and seed where applicable.

These and other resources are available through IFAS Extension. For a complete list of books and resources, visit: [www.ifasbooks.com](http://www.ifasbooks.com).

## WPS Training Sessions

Worker Protection Standards (WPS) training is now offered every Wednesday morning in the CREC employee room from 8:30-9:30 a.m.. Because there is potential for all employees to come in contact with pesticides, Dr. Harold Browning has mandated all UF/IFAS employees at CREC receive this training. Training is required once every five years. The training session includes a video on pesticide handling and a brief video on citrus canker decontamination regulations in Florida. For those employees that do not normally work on Wednesday mornings, please contact Perry Love (in the Shipping and Receiving office) to arrange for an alternate time (Ext. 1272; e-mail, love@crec.ifas.ufl.edu).



## Decontaminate!

CREC employees are reminded that there are strict regulations on decontamination of personnel, clothing, tools, equipment and vehicles upon entering/exiting citrus groves, greenhouses and/or handling citrus material, as well as restrictions on the movement of plant material and fruit off the Center. Questions can be directed to your supervisor or to Dr. Timmer at CREC.

### UF/IFAS Citrus Pest Management Guide for citrus canker decontam/disinfection guidelines:

edis.ifas.ufl.edu/CG040

### FL Dept. of Agriculture & Consumer Services:

doacs.state.fl.us/canker

### Florida Citrus Canker Eradication Programs:

Winter Haven office: 800-282-5153

### Photos of citrus canker symptoms:

doacs.state.fl.us/canker/photos.html

## Go Gators



Left: **Dr. Gene Albrigo** (left) chats with Tom Hart (from United Agri Products) at the Polk County Gator Club's Gator Gathering on April 12 at Tiger Town in Lakeland. Dr. Albrigo and **Dr. Monica Lewandowski** set up an exhibit to provide CREC some exposure to the reported 1000 Gator fans and alumni that were in attendance. The event featured UF football coach Urban Meyer, who signed autographs and addressed the crowd.

## CREC's CompuColumn ISD Tip of the Month

When you pull up your address book in Outlook e-mail, there are several address lists - Global, Outlook, and other lists within those categories. ISD's Allan Burrage explains how to set your default address list in "Outlook."

### Setting Your Address Book List in Outlook E-mail

by Allan Burrage, CREC ISD

#### For Outlook E-mail

To change the behavior of your address book in email:

(Screenshots will be available at ISD's website at [www.crec.ifas.ufl.edu/isd](http://www.crec.ifas.ufl.edu/isd) → F.A.Q.)

1. Click on the Address Book icon (it looks like an open book), select 'Tools' on the menu and then 'options ...'

Tools → Address Book (or CTRL+Shift+B)

2. Here you can change which list is your default and how Outlook searches for contacts.

Tools → Options

3. You may also add new list here, but first you must set them to be viewable. Go to 'contacts'

Go → Contacts (or CTRL+3)

4. Right click on the list you want to add and select 'properties'.

R-Click → Properties

5. On the 'Outlook address book' tab insure 'Show this folder as an e-mail address book' is checked and give it a name you will recognize.

Outlook address book → Show this folder as an e-mail address book

#### For Outlook Express

1. Click on the icon that looks like an open book with the tool tip "address book."

Tools → Address Book (or CTRL+Shift+B)

2. Your options are very limited but this is where your contacts are stored.

If you are not an Outlook user, contact ISD to convert to Outlook (isd@crec.ifas.ufl.edu).

**Dr. Renée Goodrich** served as a judge at the State Science and Engineering Fair of Florida at the Orange County Convention Center in Orlando in April. Among the state level award winners, **Sanjit Singh** (son of Dr. Samunder and Dr. Shila Singh), \$50 savings bond from the Heartland Regional Science and Engineering Fair; and **Clint Dawson** (son of Dr. Bill Dawson and Dr. Debbie Sipes), recognition in the Zoology junior section. Congratulations!

**Dr. Mohamed Afunian** and **Dr. Monica Lewandowski** were science fair judges at Caldwell Elementary on April 12.

## Better Business

Tips that pertain to UF/IFAS Business:

### Before You Travel

UF/IFAS travelers are reminded to submit travel requests for out-of-state travel and all travel that requires a registration fee. International requests should be submitted *four weeks* before departure, or before any charges pertaining to the trip are made. Domestic travel requests should be submitted *two weeks* before departure, or before any charges are made. If travel requests are not submitted ahead of time, you'll need to submit a letter of justification explaining why the travel request was not submitted.

### Remember the Reprints!

Authors: when you receive reprints of publications from publishers, please submit two copies to each of the following: Business office, Library and Word Processing. Thank you!

### Finally . . .

Alta Church in the CREC Business Office kindly asks she be notified when final reports on USDA grants are completed. She doesn't receive any notification on the final reports. An e-mail to Alta stating that you have completed your final report can be sent to [amb@crec.ifas.ufl.edu](mailto:amb@crec.ifas.ufl.edu). Thank you!



## Welcome

Tony McIntosh - OPS (Dr. Albrigo)  
 Lillian E. Torres - OPS (Dr. Cancalon)  
 Ben F. Carter - OPS (Dr. Albrigo)  
 Meredith Morton - Public Relations  
 (Lewandowski and Baut)  
 Kirandeep K. Mann - student  
 (Schumann)  
 Renato Reis - visiting student (Timmer)

Searches for a new CREC librarian and new website manager are underway. The website manager position closes on May 17, and the library search committee, headed by Dr. Mickey Parish, will evaluate applications after the position closes May 13.

Did we miss you? Send submissions to "Welcome" and "Farewell" to [mmlew@crec.ifas.ufl.edu](mailto:mmlew@crec.ifas.ufl.edu), or contact the CREC Switchboard.

## Farewell

Bill Swan - OPS (Dr. Albrigo)  
 Chris Hook - Lab tech (E. Whaley)  
 Monica Puentes - OPS (Dr. Gmitter)  
 Orinna Speese - OPS (Dr. Grosser)  
 Dr. Rongcai Yuan - postdoc (Dr. Burns)  
 Dr. Richard Buker - Assist.  
 Professor of Horticulture  
 Dr. Huating Dou - FDOC  
 (see page 3 for photos of Dr. Rongcai, Dr. Buker and Dr. Dou).



Best wishes to Vivian Gregory, who worked in the library.

## Upcoming Seminars

### Tuesday, June 7

BHG Room 1 – 11:00 a.m. – 12:00 p.m. (10:45, refreshments)

**Dr. Russell L. Rouseff**, UF/IFAS Professor of Food Chemistry, CREC

"Development of a Sensory Guided Instrumental Analysis of Orange Juice Flavor Quality."

Dr. Rouseff's research interests include flavor chemistry of citrus, tropical juices, oils and essences; understanding the human perceptions of flavor, flavor precursors and off-flavors, instrumentation for flavor and sensory analyses, and related areas. For more information, visit Dr. Rouseff's flavor website:

[www.crec.ifas.ufl.edu/rouseff](http://www.crec.ifas.ufl.edu/rouseff)

**Ron Muraro** was featured in the Ledger Business section on April 10 regarding his recent study on the economics of the citrus canker eradication program. The reports are online at [edis.ifas.ufl.edu/fe531](http://edis.ifas.ufl.edu/fe531) and [edis.ifas.ufl.edu/fe532](http://edis.ifas.ufl.edu/fe532).

**Dr. Gene Albrigo** was featured in the Ledger Business section on May 10 for his work on the development of a computer-based information system for flowering and crop estimates.

Lower left: Kanjana sent over this photo from a camping trip at Blue Spring State Park April 22-24. Shown left to right, Dr. Alexey Folimonov, Volva (back) and younger sister, Varvara, Kanjana Mahattanatawee (USDA Winter Haven), Diann Achor (standing back), Elena Stewart and her son Emmanuel (USDA Winter Haven), and Alta Church.

Congratulations to **Eddie Jurczak**, son of **Kathy Snyder**, who was named to the Dean's List at Florida Technical College in Auburndale, where he is studying AutoCAD (computer drafting and design). He has and maintained the highest grade point average in his class since attending (4.3). Kathy writes, "... he has found his niche and is flying with it. I'm very proud of him!"



Above: Jack and Jill Smoot celebrated their 25th wedding anniversary in March with a whirlwind tour out west to the Grand Canyon in Arizona. After flying to Phoenix, they drove to Sedona, then on to Williams, where they boarded a train to the Grand Canyon. They saw some spectacular views - here are two photos (above) out of over 300 that Jack took during the trip!



## Manuscripts Submitted to the Publications Committee in April

**S. H. Futch and J. H. Graham.** Field Diagnosis of Phytophthora Disease. *Citrus Industry Magazine*.

**F. Garcia-Sanchez, J. P. Syvertsen, and J. Dunlop.** Salinity Tolerance of Cleopatra Mandarin and Carrizo Citrange Citrus Rootstock Seedling is Affected by CO<sub>2</sub> Enrichment. *Journal of the American Society of Horticultural Sciences*.

**E. Knapp, G. M. Danyluk, D. Achor, and D. J. Lewandowski.** A Bipartite Tobacco mosaic virus - Defective RNA (dRNA) System to Study the Role of the N-terminal Methyltransferase Domain of the Replicase Protein in Cell-to-Cell Movement of dRNAs. *Virology*.

**D. J. Lewandowski and S. Adkins.** The Tubule-forming NSm Protein from Tomato Spotted Wilt Virus Complements Cell-to-cell and Long-distance Movement of Tobacco Mosaic Virus Hybrids. *Virology*.

**S. N. Mondal and L. W. Timmer.** Greasy Spot Rind Blotch, A Serious Problem for Production of Fresh Market Grapefruit. *Citrus Industry Magazine*.

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
<i>May 2005</i>						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16 CREF Annual Meeting	17	18	19 Faculty mtg and group photo	20	21
22	23	24	25	26	27	28
29	30 Holiday Memorial Day	31	calendar.ifas.ufl.edu UF/IFAS Extension events statewide		FloridaAgCalendar.com Ag industry events statewide	

All events subject to change

### May

May 13 - Seminar, Dr. Jasmeet Judge, UF/IFAS Assistant Professor, Agricultural and Biological Engineering, Gainesville. "Microwave remote sensing for assessment and modeling of soil moisture."

16 - Citrus Research and Education Foundation Annual Meeting, 10:30 am. RSVP to Shelby Graham in Center Directors office.

19 - Faculty mtg. 8:30 a.m., group photo following meeting. BHG 3-4.

26 - Citrus Canker Task Force meeting, BHG2.

30 - Holiday, Memorial Day

Sun	Mon	Tues	Wed	Thurs	Fri	Sat	
calendar.ifas.ufl.edu UF/IFAS Extension events statewide		<i>June 2005</i>				FloridaAgCalendar.com Ag industry events statewide	
June is the official start of hurricane season - stock up on supplies, update contact info			1	2	3	4	
5	6	7	8	9	10	11	
FSHS 118th Annual Meeting Tampa Marriott Westshore www.fshs.org		Seminar Dr. Rouseff June 5-7;	Florida Citrus Industry Annual Conference; Singer Island, June 1-3 Florida Citrus Mutual				
12	13	14	15	16	17	18	
19	20	21	22	23 Prec. Ag/ Temik; FIPR teachers	24	25	
26	27	28	29	30			

### June

June 1-3: First Florida Citrus Industry Annual Conference, Singer Island. www.flcitrusmutual.com

5-7 - Florida State Horticultural Society 118th Annual Meeting; Tampa Marriott Westshore. Abstracts and preliminary program online: www.fshs.org. Registration \$110; students \$10.

7 - Seminar, Dr. Russell Rouseff, UF/IFAS Professor of Food Chemistry, CREC. "Development of a Sensory Guided Instrumental Analysis of Orange Juice Flavor Quality." BHG Room 1 - 11:00 a.m. - 12:00 p.m. (10:45, refreshments)

23 - Precision ag/Temik application meeting, BHG 1.

23 - Teacher program, Florida Institute of Phosphate Research, BHG 2; Teaching Lab.