



Happy Independence Day
July 2007

CitrusLeaves

Volume 24, Number 4

University of Florida, IFAS, Citrus Research and Education Center

Contents

Lab Update.....	2
Business Office Update.....	2
Business Office Update Cont.....	3
New Faces.....	4
Accomplishments.....	5
July Calendar.....	5

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FACULTY PROMOTED TO ASSOCIATE PROFESSORS

Dr. Arnold Schumann and Dr. Kuang-Ren-Chung have been approved for tenure and promotion to Associate Professor at the University of Florida.



Dr. Arnold Schumann

Dr. Schumann, Precision Agriculture Specialist

Program Interests: Precision agriculture, site-specific crop management, crop nutrition, soil fertility, and irrigation. Nutrient Best Management Practices (BMPs), Near-Infrared Spectrometry, Crop and Soil Sensing, Computers & Electronics in Farm Automation and Efficiency.

Dr. Chung, Extension Specialist, Plant Pathology

Program Interests: Molecular mechanisms involved in fungal infection of citrus. Develop better strategies to control fungal diseases on citrus. Involvement of plant hormones in Postbloom Fruit Drop (PFD), hormone inhibitors for control of PFD and the pathogenic or virulent factors of the causal fungus, *Colletotrichum acutatum*.



Dr. Kuang-Ren Chung

BHG PHASE II RENOVATIONS WELL UNDERWAY

The Ben Hill Griffin, Jr. Citrus Hall Phase II renovations are well underway. Those renovations include changes to the front entrance and lobby, restrooms, meeting rooms, replace various walls, interior doors, ceiling tiles, signs and other miscellaneous items and changes in the building.

Renovations were scheduled to be completed by July 31. However, according to Jeff White, Crossroads Construction Company General Superintendent, they are working ahead of schedule.

“By July 6, we will pretty much be finished with most of the renovations,” White said. “On July 16, the operable walls for the meetings rooms will be delivered and installed. Then, the carpet will be installed in those rooms.”



Joe Ortiz, contractor, puts the finishing touches on the painting portion of the BHG renovations.

REYES' LAB IN NEW LOCATION



Shelley Jones

In April, the renovation of Lab 1 in the Packinghouse was completed (nearly) and Dr. Jose Reyes and staff began moving in. The renovated lab added space to Dr. Reyes' growing programs related to citrus and tropical juice quality, enzyme biosensors, electrochemistry of limonene, and high hydrostatic pressure research (HHP). His graduate students, Rosalia Garcia and Mike Eisenmenger are currently working on



Rosalia Garcia

their Ph.D. research projects on deoxygenation of orange and pineapple juice and on the effects of HHP on lipase activity respectively. Another Ph.D. student, Juan Manuel Cevallos will join the Reyes lab in August.

The Reyes lab recently acquired cutting edge HHP equipment which allows electrochemical and optical measurement under pressure up to 100,000 psi (700 MPa) that Mike Eisenmenger will use for his research.

The new USB fiber optic spectrophotometer, which Rosalia is using for research, will allow high speed and continuous monitoring of oxygen in juice.

A new digital, programmable viscometer will allow pectin viscosity, temperature and pH to be measured simultaneously, in real time. Shelley Jones, chem-



Mike Eisenmenger

ist, has been working with a number of experiments on limonene electrochemistry in an effort to develop a rapid method for detection of limonene levels in juice.

Dr. Reyes will host a lab open house on Friday, July 20 from 9 a.m. - noon. Come see the new lab and enjoy some refreshments.

Dr. Reyes Lab
Open House
Friday, July 20
9 a.m. - noon.
Everyone is invited!

CREC BUSINESS OFFICE UPDATE

NEW FISCAL YEAR INFORMATION



The Business Office staff members

Requisition for Purchase Order Policies and Procedures:

When purchasing commodities, services, or equipment of any kind, please remember the following UF rules:



A completed requisition

(which is available

online or in the Business Office) must be turned in to the Business Office BEFORE ordering, purchasing, or picking up any tangible item(s) and BEFORE any service, maintenance or repair agreements are carried out. If this is not done, the Business Office cannot guarantee that the PO will be approved by Gainesville Purchasing or that the vendor will be paid.



When purchasing any single item more than

Fiscal, Page 3

GRANTS INFORMATION

For those who have grants closing out in September, now is the time to start checking accounts for open encumbrances and getting merchandise here before your grant end date. Remember, merchandise and/or services must be received by the grant end date. If the merchandise and/or service is unavailable, then the encumbrance needs to be moved to another project. That places the funds back in the budget to use for other needed things for the project.

Check salary appointments to make sure there are enough funds to carry personnel to the grant end date. Now is the time to think about payroll appointments for the employees whose appointments will end. Keep reappointments in mind and ascertain what project and when they need to move. Human Resources is available to assist.

Remember that Worker's Comp and Unemployment Insurance is usually four to six weeks behind in posting, so leave funds to cover those.

For those who have grants that will be rolling,

Grants, Page 3

Fiscal, continued from Page 2

Grants, continued from Page 2

\$5,000, two additional verbal quotes must be attached to the requisition. Requisitions more than \$25,000 require two or more written quotes, and more than \$50,000, requires a bid process through the University Purchasing Department.

 When filling in the information on a requisition, the information must be legible, with some form of backup attached which includes vendor address, prices quoted, items or services being ordered, etc.

 All requisitions must have the appropriate signatures, and forms attached i.e....Circa (software) orders must have proper registration, contact and order forms attached. Requisitions that are not properly completed will be returned to the requestor.

 It is extremely helpful (but not required) if in the remarks section, a brief description or explanation of what is being purchased, in the case that it is not easily recognizable. For instance, "Topcon Hiper XT", under remarks could say, "GPS system for use in grove." This ensures that purchases are coded and categorized correctly by Purchasing.

 When choosing a vendor for an item or service, please check with the Business Office, Lorraine or Meredith, to be sure that the vendor chosen is currently on the University's approved vendor list. If they are not on the approved vendor list, they must be added by Gainesville BEFORE a requisition can be entered into the system. If they are not on the approved vendor list, payment will be delayed and cannot be guaranteed. Vendors who are on the CREC campus for any work related purpose must have proof of Workers Compensation Insurance and General Liability Insurance before they are approved vendors. See notice, right.

The Business Office is anxious to assist and answer any questions regarding purchasing and accounts payable.

remember to check the budget percentage that is uncommitted. The amount that can roll is 25 percent of the total budget. A portion of residual funds in excess of 25 percent goes to Research Administration and the Center Director.

USDA Grants usually do not roll. Any unspent funds are returned to the sponsor. If adjustments are needed between projects, see Alta in the Business Office.

If an extension is needed on your end date, this should be done for USDA at least 30 days before the grant ends. All others should be done five to six weeks before end date. Please notify Alta of any extension requirements.

Closing Reports should be completed as soon as possible. Remember to send a copy of the cover letter or the first page of the Final Report to Kayla Moore tegra@ufl.edu, Post Award Accounting person, C & G Accounting. Her email address is tegra@ufl.edu. An e-mail copy should be sent to Alta so she can place it in your grant file. This should be done when you submit your report to your sponsor.

INSURANCE NOTICE

Vendors shall carry Worker's Compensation Insurance as required by Chapter 440, Florida Statutes. If the vendor is exempt from carrying Worker's Compensation, the exemption certificate must be provided. During the term of this contract, vendors shall carry, at a minimum, the following: Commercial General Liability Insurance with liability limits of at least \$500,000 per occurrence for bodily injury, death and property damage and shall protect it from claims which may arise whether such claims may arise out of the operations of the vendor or by anyone directly or indirectly employed by the vendor. Automobile Liability Insurance on all vehicles used to carry out the contract against bodily injury and property damage in the amount of at least \$500,000 per occurrence. Builder's Risk Insurance at replacement cost if indicated by the nature of the contract. Please note that the University of Florida must be named as an "Additional Insured."

Citrus Leaves
welcomes story ideas. Please contact
Christen Taylor, Editor, at ext. 1248 or
e-mail at chris29@ufl.edu.

Editor's Note: A special thanks goes out to Steve Rogers for helping to create a new and improved Citrus Leaves! Thanks, Steve!

NEW FACES!



Dr. Uma Shankar Sagaram

Senior Biological Scientist

Hometown: Hyderabad, India

Education: B.S. in Agriculture from the Acharya N G Agricultural University; M.S. in Plant Soil and Environmental Sciences from West

Texas A & M University; Ph.D. in Plant Pathology from Texas A & M University

Research: Characterization of Citrus Greening and Citrus Canker

Supervisor: Dr. Nian Wang

Hobbies: Sports

Location: Building 7124, Room 153



Dr. Jeong-Soon Kim

Post Doc Research Associate

Hometown: Daejeon, Korea

Education: B.S. in Biology from the Chung Nam National University; M.S. in Botany from the Chung Nam National University; Ph.D. from

Texas A & M University in Plant Breeding

Research: Localizing Greening causing bacteria in citrus

Supervisor: Dr. Nian Wang

Hobbies: She enjoys working with fabrics.

Location: Building 7124, Room 157



Julio Bastidas

IT Support Specialist

Hometown: Bogota, Columbia

Education: After high school, he received a technical degree in Electronics and Computer Networking Technology from

the Computer Learning Center in Paramus, New Jersey.

Supervisor: Allan Burrage

Hobbies: Surfing the Internet and watching television

Location: Building 7124, Room 124



Wade Pratt

Summer Intern – Public Relations

Hometown: Haines City, Florida

Education: He graduated from high school ranked number nine and just received an A.A. in Mass Communications from

Polk Community College. He begins USF in the fall majoring in Public Relations/Advertising.

Wade eventually plans to get his Masters in Mass Communications.

Supervisor: Anita Whitaker

Hobbies: He enjoys playing tennis, jogging, cycling, watching old movies, reading, and traveling.

Location: Building 7124, Room 24



Jonathan Mercado

Grove Crew

Hometown: San Juan, Puerto Rico

Education: Jonathan is a graduate of Auburndale high school.

Supervisor: Troy Gainey

Hobbies: When he's not working, he enjoys tuning Honda automobiles.

Location: Grove Crew



Dr. Muhammad Jaskani

Exchange Visitor

Hometown: Faisalabad, Pakistan

Education: B.S. in Horticulture from the University of Agriculture in Fainlabad, Pakistan; M.S. in Horticulture from the University of Agriculture in Fainlabad, Pakistan; Ph.D. in Horticulture from the University of Agriculture in Fainlabad, Pakistan

Research: He currently is studying molecular techniques in citrus.

Supervisor: Dr. Fred Gmitter

Hobbies: He loves photography and enjoys collecting coins and stamps.

Location: Building 7124, Room 201

Bits and Pieces

PROUD GRANDPA!



Congratulations to Dale Price, Human Resources, on his second grandchild. Ian Sebastian Price was born on June 7, 2007, at 11:12 p.m. weighing 5 pounds, 9 ounces. He was 18 inches long.

SAT SMARTS

Daniel Burrage, son of Allan and Anne Burrage, recently received national and state recognition for scoring 650 on the SAT critical thinking portion of the test and 660 for mathematical totaling 1310.

Daniel, a 13 year old seventh grade student at Discovery Academy, was invited to the Florida Recognition Ceremony by Duke University through the Talent Identification Program (TIP). Students were scored just like high school juniors and seniors.

There were 21,301 seventh grade students across the nation but only 2,762 students received state recognition in Florida. Daniel also received a recognition of Academic Excellence award for his scores at Discovery Academy.



AWESOME ACCOMPLISHMENT



Deontee A. Swen, daughter of William T. Swen, recently graduated from the University of Liberia with a bachelor's degree in biology and a minor in chemistry. While attending the University of Liberia she worked as a biology, chemistry and physical science lab assistant.

Deontee has an interview for an immigrant visa in July and if granted a visa she plans to move to the U.S. to possibly pursue a degree in nursing. Best of luck Deontee! William works with Dr. Gene Albrigo as a biological scientist.

LIFE IS GOOD

The CREC has an update on Covadonga Arias and Oscar Olivares, previous CREC employees. Covadonga, who worked for Dr. Ed Etxeberria, has been promoted to Associate Professor at the Department of Fisheries and Allied Aquaculture at Auburn University. Cova, a native of Valencia Spain, worked for Dr. Jacqueline Burns before accepting a position as Assistant Professor at Auburn. In her spare time, Cova has become an avid equestrian finishing second place in a recent competition. Cova and Oscar Olivares, who worked for Dr. Jude Grosser, are competing in state tennis tournaments. Oscar recently won a local tournament in Auburn.



JULY

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Happy 4th of July!

Plant Pathology Candidate Seminar:
Dr. Megan Dewdney
10 a.m. - noon



Faculty Meeting
8:30 a.m. - 10 a.m.



Reyes Open House
9 a.m. - noon



Be sure to check out this month's CREC PROFILE placed around the center: [Diversity!](#) It highlights the unique qualities of our individual character.