ACADEMIC PROGRAMS OFFICE

CALS Teaching Workshop
The CALS Office of Academic Programs in collaboration with the CALS Teaching and Advising Effectiveness Committee is pleased to offer the “teaching effectiveness” workshop for faculty and graduate students. This worksheet has been taught for over a decade. It is designed primarily for new teaching faculty, but all are welcome. The focus this year is on the ten fundamentals of dynamic teaching (listed below). Lunch and snacks will be provided.

Dr. Gary Moore is coordinating this workshop, but numerous CALS faculty will be involved in presenting and interacting with the class. The workshop will be from 8:30 a.m. to 4:00 p.m. on Monday, May 14 and from 9:00 a.m. to 1:00 p.m. on Tuesday, May 15. The workshop is tentatively planned for Room 2 in Ricks Hall. Please contact Julie Holder by email at julie_holder@ncsu.edu or by phone at 515-3248 by Friday, May 4 to reserve a spot for the workshop.

Why not go ahead and make your reservations now!

The Ten Fundamentals of Dynamic Teaching

1. **Teach More By Covering Less** – Many teachers “cover” material, but don’t really teach it. We will explore the differences and implications between teaching and covering material.
2. **Using “ha ha” to help the students achieve the “aha.”** – Does humor have a place in the classroom? What does the research say? Is it possible to be scholarly in teaching but infuse some humor into the process?
3. **Consider the See-Saw Theory of Teaching** – We all remember the sew-saw on the playground. What implications does this device have for teachers?
4. **Variety is the spice of life (and teaching)** – Learn how to add variety to how you teach.
5. **It is hard to hit a moving target** – What does research in kinesthetics and theater have to do with teaching? You might be surprised.
6. **Divide and conquer** – This adage is used in business, politics and war. How can we use it in education?
7. **Use CPR** – Bring CPR to the classroom. Learn what CPR is in the educational setting and why it is important.
8. **Don’t hammer on cold iron** – What can be done to motivate students and get them engaged in the teaching-learning process?
9. **Get More By Expecting More** – Is it possible to expect more from our students? What does the research say about having high expectations for our students?
10. **Students Don’t Care How Much You Know Until They Know How Much You Care** – Is this really important? What can be done to establish rapport with students?
CALS New Adviser Workshop
The CALS New Adviser Workshop will be held on Monday, August 20, 2007 from 11:00 a.m. until 1:00 p.m. Lunch is included. The workshop leaders include Chad Jordon, Bill Grant and Jenny Ellerbe. This is an opportunity for new advisers to work with experienced CALS faculty advisers. Participants will use the new CALS advising online resources and discuss issues and procedures relevant to CALS advising.

Please forward the names of new faculty members with academic teaching and advising responsibilities to Julie Holder at julie_holder@ncsu.edu.

Fall 2007 CALS Academic Programs’ Meeting for Teaching Faculty and Advisers
The Fall 2007 CALS Academic Programs’ Meeting for Teaching Faculty and Advisers will be held on Tuesday, August 21, 2007, from 10:00 a.m. until 12:00 noon. This meeting is for new and returning academic faculty members. The meeting will include:

- Academic Programs information: Updates for 2007-08
- Issues Surrounding Campus Safety, Identifying Students at Risk and Support Resources for Advisers
- Teaching Tips from NACTA members
- Adjourn to join CALS students for lunch and Wolfpack Welcome Week activities

Departments should begin to assemble their list of participants for our planning purposes. We will contact you in August with additional information.

Wolfpack Welcome Week
Departments planning Wolfpack Welcome Week departmental activities after 3:00 p.m. on Tuesday, August 21 should contact Dr. Barbara Kirby with a description of the event and the time and location. This information is needed by May 15 for New Student Orientation information and the Wolfpack Welcome Week website.

2007 SPRING COMMENCEMENT EXERCISES
The 2007 Spring Commencement Exercises will be held at the RBC Center on Saturday, May 12. Festivities will begin at 8:30 a.m. with a concert by the Amalgam Brass Ensemble. Graduation Exercises will start at 9:00 a.m. The distribution of diplomas to our graduates will take place in departmental ceremonies as listed below. With the exception of those marked with an asterisk, all departmental graduation ceremonies will begin at 1:30 p.m.

Agricultural Business Management and Biological Business Management…………….3400 Nelson Hall
Agricultural and Extension Education……………………Mt. Olivet Baptist Church, 3500 Edwards Mill Road
*Agronomy, Turfgrass Science, Crop Science, and Soil Science (1:00 p.m.)……………2215 Williams Hall
Animal Science…………………………………………………………………………Room 2, McKimmon Center
*Biochemistry (4:00 p.m.)………………………………………………………………Room 2, McKimmon Center
Biological and Agricultural Engineering…………………………Pavilion, D. S. Weaver Laboratories
*Biological Sciences (3:00 p.m.)…………………………………………………………Reynolds Coliseum
Environmental Sciences……………………………………………………………………Location of Major Faculty Adviser
*Food, Bioprocessing and Nutrition Sciences (1:00 p.m.)…………Pittman Auditorium, St. Mary’s College 900 Hillsborough Street
Horticultural Science……………………J. C. Raulston Arboretum, Ruby McSwain Education Center
*Microbiology (4:30 p.m.)………………………………………………………………Cinema, Witherspoon Student Center
Natural Resources…………………………………………………………………………Location of Major Faculty Adviser
Nutrition Graduate Program……………………………………………………………Location of Major Faculty Adviser
Undergraduate Research Symposium
CALS students presented 92 of the 172 outstanding posters at the Spring 2007 Undergraduate Research Symposium. Please find attached the Undergraduate Research Symposium list of student winners and mentors from CALS. Also included on our list are individuals selected for honorable mention recipients. All abstracts and UG Research poster winners may be found at the NCSU Undergraduate Research website at http://www.ncsu.edu/ugrs/2007_Spring/winners.htm.

The students are judged in four categories under Biological Sciences. This involved 21 dedicated judges from CALS and our colleagues. Special thanks to:

Applied Sciences - Vivek Fellner, Jan Spears, Mary Peet, Kimberly Ange

Molecular, Biochemical, Genetics, Cell Biology - Robert Rose, Sue Carson, Imara Y Perera, Nanette Nascone-Yoder, Hosni Hassan, Matt Koci, Jim Knopp, Greg Upchurch

Zoology, Physiology, Behavior, Neurobiology - Heather Patisaul, John Godwin, Paul Mozdziak

Ecology, Environmental, Conservation, Botanical - Janice Odom, Candace Haigler, Thurman Grove, Chad Jordan, Larry Blanton, Harold Heatwole

Undergraduate Teaching Symposium
Twenty students participated in the Undergraduate Teaching Symposium. Posters were judged in the categories of Teaching Pedagogy in the Sciences and Collaborative Learning Projects from ALS 398H. Please find attached the list of participants and mentors. All abstracts and UG Teaching poster winners may be found at the NCSU Undergraduate Teaching website at http://www.cals.ncsu.edu/academic/ugts/.

Thanks to our judges including: Miriam Ferzli, Jeannette Moore, Jenny Ellerbe, Jim Flowers, Beth Wilson and David Jones. Faculty Teaching and Advising Award Winners were recognized at a reception the evening before at the J.C. Raulston Arboretum.

A special thanks to CALS' CAAT group for printing the professional quality posters needed by the majority of the participants.

Congratulations to all!

Agricultural Institute Office
AGI Senior Breakfast
The AGI Senior Breakfast, which was held on Wednesday, April 19 at 7:30 a.m., was a huge success. We would like to thank the administration & faculty that attended. A big thanks to the faculty that prepared the meal for our graduates.

Spring Commencement Ceremony
Our Spring Commencement Ceremony will be held at Stewart Theatre on Friday, May 11 at 3:00 p.m. Special reserved seating is available for faculty in the front of Stewart Theatre, stage right and seating for Department Heads, in the front of Stewart Theatre, stage left. Please join us for the graduation ceremony and for the reception in the Ballroom immediately following the ceremony. Parents and students look forward to celebrating this important event with you.

SAVE THE DATE -- Wolfpack Welcome Week
The Agricultural Institute will host its second Wolfpack Welcome Week event on Tuesday, August 21 from 5:00 p.m. to 7:00 p.m. We will have games, food and lots of fun. Please plan to attend!!

Career Services

Backpack to Briefcase takes place May 16-17. This workshop is designed for fresh graduates of CALS to help them get a jump-start on their careers. The first day will be filled with guest speakers providing important advice and guidance, while the second day will consist of a field trip to RTI in Research Triangle Park. Students can register on-line at www.cals.ncsu.edu/career. Please encourage those who are about to graduate without a job to attend this valuable workshop.

NC AGRICULTURAL RESEARCH SERVICE

NC Research Campus Conference
The UNC System universities, including NC State’s College of Agriculture and Life Sciences, hosted a scientific conference on the UNC-Charlotte Campus April 15-17. The theme of the conference was, “We Are What We Eat” and covered topics such as metabolomics, nutrigenomics, plant breeding, disease prevention and obesity. Talks were presented by invited speakers and showcased the types of research that will be done on the new campus. A tour of the new research campus was incorporated into the conference.

Dole Food Visit
On April 18, 2007, Nicholas Gillitt, Nutrition Research and Labeling Manager, Jorge Gonzales, Vice President of Worldwide Agricultural Research (recently retired), and Miguel Munoz, Research Scientist - Biotechnology, from Dole Food Company, Inc. traveled to Raleigh to meet with faculty from the College of Agriculture and Life Sciences at North Carolina State University. They met with faculty from the Departments of Food Science, Horticultural Science, Plant Pathology, Soil Science, Biological and Agricultural Engineering, and the Metabolomics and Proteomic Lab Center. Among the topics discussed were developing collaborations in research and graduate student internships/projects in tropical crops.

CALS Focuses Efforts On Biofuels Developments
The College of Agriculture and Life Sciences continues to bring focus to its efforts to develop an active, productive program in the renewable-biofuels area. A number of activities have occurred recently that are communicating our interest and activity in this important effort.
First, in cooperation with CNR and CE, we have established two small-scale biofuels pilot plants at LWRFL, one producing biodiesel and one for ethanol. In a recent visit by the areas congressional delegation, visitors had the opportunity to see and discuss these latest developments.

In early April, Ag-Dairy-Tobacco Foundation research committee members heard from Drs. Ratna Sharma and Mike Boyette regarding their diverse efforts to develop advanced methods generating efficient fuels from a variety of biomass materials, including wood waste, switchgrass and other cellulosic materials.

Recently, a canola field day was held at Open Grounds Farm, in which the COE and CALS collaborated with Open Grounds cooperation to demonstrate production of a 40-acre field of canola. Oil extraction, biodiesel production and an education program were presented to around 100 people attending.

Dr. Ken Swartzel is busy talking with potential industry partners who might be interested in jointly supporting a biofuels research program effort in the college. At the same time, he and Dr. Winston Hagler are assembling a database of NCSU faculty interested in or working in the biofuels arena. Ultimately, they and other faculty will be involved in developing and sponsoring an NCSU wide workshop on biofuels research and extension activities in the college.

Finally, many know there is a bill in the legislature that will support further development of our biofuels research and demonstration efforts at Williamsdale Farm in Duplin County, a farm that was donated to the college. The University Field Laboratories and the Division of Research Stations have been working over the past three weeks to develop plantings of a number of energy crops, in anticipation of a field day later this summer at the site.

**NC Dairy Campaign for Excellence**

Based on a feasibility study including members of the campaign committee and other dairy industry leaders, the goal for this campaign has been officially set at $2.5 million. $2.4 million will fund a Dairy Outreach and Training Center adjacent to Schaub Hall, which will include a retail creamery café and an industry-training center. The remaining $100,000 will fund an endowment to support the Dairy Educational Unit. To date, $685,000 has been raised, including a $500,000 challenge grant from the NC Dairy Foundation.

**NORTH CAROLINA COOPERATIVE EXTENSION SERVICE**

**Program News**

The freeze of Easter weekend caused considerable damage to North Carolina commodities. Early estimates indicated more than $100 million in crop loss. In preparation for the bad weather, many agents and specialists worked with growers on options to minimize the impact. Over the weekend and afterwards, specialists in Horticultural Science, Plant Pathology and Crop Science were assisting agents in addressing options for producers. A website was created with the information specialists were providing and it was linked to the CES Intranet for access by all counties. Agents also worked with the County Emergency Board to provide the flash reports that are used to determine crop loss. Significant impact to many commodities will be devastating this year. Agents also supported growers in efforts to assess damage following the high winds that followed later in April. The immediate response and round the clock efforts by extension field and campus faculty helped to mitigate losses where possible and to provide support to producers.
12th Annual North Carolina 4-H Lifetime Achievement Awards Gala
The 12th Annual North Carolina 4-H Lifetime Achievement Awards Gala will be held at the Ballantyne Resort in Charlotte at 6:30 pm on Monday, June 11, 2007. This year, the recipient of the NC 4-H Lifetime Achievement Award is motorsports legend, Rick Hendrick. For more information, please contact Michael Martin at 919.513.8254.

4-H On the Dock of the Bay IV
The 4-H On the Dock of the Bay IV will be held in Columbia, NC on Saturday, May 5, 2007 from 6–11 p.m. This annual event is a fundraiser for the Eastern 4-H Environmental Education Center. For more information, please contact Lee Scripture at 252.797.4800.

Extension Community Association (ECA)
On March 22-23, the Extension Community Association (ECA) held a strategic planning session that involved 29 leaders from across North Carolina. The focus of the planning session was to develop a future direction for the organization. ECA plans to roll out the new strategic plan to the Extension system over the next few months.

New and Aspiring County Extension Director Training
New and Aspiring County Extension Director Training consists of 13 training modules that were developed in 2005 by members of the County Operations Team and Personal and Organizational Development Unit. Approximately 100 employees participated in this training over the last two years. Employees must attend and participate in all 12 modules to graduate. Graduation for this year’s training program was held on April 19, 2007.

Six State Advisory Council Leaders and one Strategic Planning Council Member (A&T State University) along with Dr. Ed Jones, Dr. Marshall Stewart, Sheilda Sutton (A&T State University) and Joy Staton attended the Public Issues Leadership Development Conference in Washington, DC on April 22-25. Several Extension Agents and one Extension Secretary from across the state also attended. Visits to Capitol Hill were made on Tuesday and Wednesday.

Awards and Recognition
Please join us in congratulating the following NC Cooperative Extension Service Award Winners!

Inducted into the Academy of Outstanding Faculty Engaged in Extension (AOFEE):

   Dr. William F. Hunt, III – Biological and Agricultural Engineering
   Dr. David L. Jordan – Crop Science

Outstanding Extension Award

   Mr. Rett Davis – Alamance County Center
   Mr. Kenneth Ray Reeves – Buncombe County Center

Personnel Updates
Interviews will be scheduled shortly for the Extension Associate, Food Safety and Extension Associate, Small Business Development and Management positions in Kannapolis, NC.


COLLEGE ADVANCEMENT

Gala in the Garden
The JC Raulston Arboretum Annual Gala in the Garden will be held on Sunday, May 6, 2007 from 3:00 to 7:00 p.m. This is the Arboretum's premiere fundraising event of the year. Please join us for a fanciful garden party with cocktails and gourmet cuisine. Enjoy a very lively and large silent auction filled with garden and earthly delights, plus enormous collections of plants. For ticket information, call or email Autumn Keck at 919.513.3826 or autumn_keck@ncsu.edu or visit our Web site: www.ncsu.edu/jcraulstonarboretum/

2007 4-H Lifetime Achievement Awards Gala
Save the date for the 2007 4-H Lifetime Achievement Awards Gala ... June 11 and Ballantyne Resort in Charlotte, NC! This year's Lifetime Achievement Award Honoree is motor sports legend, Mr. Rick Hendrick. We will also be honoring Dr. Carlton Blalock and his 2006 induction into the National 4-H Hall of Fame. Spaces are limited, and will sell out, so get your name on the list early! Invitations will be sent the first week of May. For more information, please contact Dr. Michael Martin at 919.513.8254.

Legacy Gifts
At a recent conference, the closing speaker asked the group of 600 attendees who could tell him the names of their four grandparents. About 100 people raised their hands. Then he asked who could name all eight of their great grandparents. Only two people in the entire audience raised their hands. His response was “Well then that’s all there is... within two generations after your death, no one will remember who you were or what you stood for!” He went on to point out that the only way for us to be remembered was to make a “Legacy Gift” to a charity of our choice in order to ensure that our beliefs, values; and yes, even our names continue forever.

In the College of Agriculture and Life Sciences, Legacy Gifts can range from a $15,000 scholarship or programmatic endowment to $25 million to name the entire College. Your Legacy Gift may be funded through something as simple as a codicil to your will or through gifts of cash or appreciated assets including real estate and securities. These gifts can also provide you and members of your family with lifetime income, charitable deductions and reduced estate taxes.

To learn more about Legacy Gifts in the College of Agriculture and Life Sciences, contact the CALS Advancement Office at 919.515.9262 or visit our website at http://www.cals.ncsu.edu/advancement/index.htm.

Gift Planning Web Site
To serve faculty and staff with helpful information, we have created a comprehensive gift planning Web site. We have an increasing number of friends of the College who now are benefiting from life income gifts, gift annuities and other charitable vehicles. Thank you for taking the time to explore the benefits of gift planning at http://cals.giftlegacy.com/.

You may support any area of the College and join or renew your Arboretum membership online using our secure website. Visit http://www.cals.ncsu.edu/givenow for safe, convenient online giving!

Employee Retiree List
We need your help! We request that all departments and county offices please continue to send us your updated retiree lists, with all contact information available. Once an employee retires, just send this information to Julia Brooks julia_brooks@ncsu.edu a quick e-mail letting her know so that she
can add them to our list.

**Advancement Advantage Guide to Services**
College Advancement is pleased to announce the availability of our Advancement Advantage Guide to Services on-line. This information is designed to educate CALS faculty, staff and administrators about the resources available through these divisions. By doing so, we hope to expand access to our services, and increase support of and service to departments and college-wide initiatives. This web site is a work in progress and will be updated on a regular basis. To access this information, just click on the following link [http://www.cals.ncsu.edu/advancement/resource_guide.htm](http://www.cals.ncsu.edu/advancement/resource_guide.htm)

**CALS Tailgate 2007!**
Please mark your calendars for **CALS TAILGATE 2007** for Saturday, September 1 to be held in Dorton Arena, NC State Fairgrounds. Time to be announced in conjunction with NC State vs. Central Florida football kick-off time. More information will follow. Check AFS website for more updated information: [www.cals.ncsu.edu/alumni](http://www.cals.ncsu.edu/alumni) or contact Julia Brooks in the Alumni & Friends office at 919-515-6212.

**CALS Alumni Awards Banquet**
CALS Alumni Awards Banquet will be held on Friday, September 28 in the ballroom at the University Club from 5:00 p.m. - 7:30 p.m.

**Ag Institute Reunion**
Ag Institute Reunion will be held on Saturday, September 22 at the JC Raulston Arboretum, Beryl Road in conjunction with the NC State vs. Clemson football game. Silent auction and BBQ buffet!

**CALS Faculty/Staff Retiree Luncheon**
The CALS Faculty/Staff Retiree Luncheon is scheduled for Saturday, December 8, 2007 in the Jane S. McKimmon Center from 11:00 a.m. to 1:00 p.m.

**CALS Alumni and Friends Society E-Newsletter**
The Office of College Advancement has created a new CALS Alumni and Friends Society E-Newsletter! Please send your events, updates and departmental news for the next issue (to be emailed in late June) to calsalum@ncsu.edu by June 15. If you wish to subscribe to the E-Newsletter, please email calsalum@ncsu.edu.

**UNIVERSITY AWARDS FOR EXCELLENCE LUNCHEON**
Please mark your calendars. The University Awards for Excellence Luncheon will be held Monday, May 21 at 11:45 a.m. in the McKimmon Center. College/Unit Awards for Excellence winners will be honored at the luncheon and five distinguished employees will be named University Award for Excellence winners.

Please come and support OUR winners and their guests and wish them luck at the University level!!

Julia Clark Brooks  
Department of College Advancement  
On-Campus Supervisory/Administrative

Thomas E. Mease  
NC Cooperative Extension
On-Campus Supervisory/Administrative

Dee Ann Cooper
Department of Soil Science
On-Campus Secretarial/Clerical

Michael Adcock
Department of Biological And Agricultural Engineering
On-Campus Technical

Kimberly Hutchison
Department of Soil Science
On-Campus Technical

Pam Brylowe
Southeast District - Jones County
Off-Campus Secretarial/Clerical

Patricia M. Buddin
Academic Programs - Career Services
EPA

All other individuals, including deans, directors, and department heads must purchase tickets in order to attend. Tickets are $9 and are on sale through Friday, May 11 or until tickets are sold out.

Tickets go on sale starting April 16. Please see Claudia Mello in room 112 Patterson Hall, Campus Box 7601 to make arrangements for tickets. Tickets will be available for pick up or mailing each day after 4:30 in my office if the payment is dropped off before 2:00 that day. This year we accept checks, money orders, exact cash or IDT's.

IDT Information:

Department: HR-Benefits
Bookkeeper: Amy Dale
Phone Number: 515-4312
Email: amy_dale@ncsu.edu
Speed Type: 991429
Account: 53990

You may also purchase tickets directly from the HR-Benefits if your office is closer to the Benefits Office. The office is open from 8:00 a.m. to 4:30 p.m. and is located on the second floor of the Administrative Services II Building. Please call 919.515-4312 for additional information. You can also log onto: http://www7.acs.ncsu.edu/hr/benefits/easummary.asp for more information.

Hope to see you there. Go CALS!!

APRIL NEW HIRES

New Employees – Campus – with Academic Rank
Yasmin Cardoza, Assistant Professor, Entomology
New Employees – Campus – without Academic Rank
Joseph Enroughty, Extension Assistant, 4-H Youth Development and Family & Consumer Sciences
H. Keith Russell, Jr., Extensions Assistant, 4-H Youth Development and Family & Consumer Sciences
Alicia Harris, Accounting Technician IV, Entomology
John Radcliff, Research Specialist, Plant Pathology
Kevin Craver, Research Technician, University Field Laboratories

New Employees – NC Cooperative Extension (County Operations)
Pamela Layfield, County Extension Secretary II - Anson County
Jacob Searcy, Assistant Area Agent - Bertie County
Jeffrey Bradley, Assistant Area Agent - Buncombe County
Beverly Nelson, Associate Area Agent - Mitchell County
Marcie Shaffer, Assistant Extension Agent - McDowell County
Tray Bridgers, Assistant Extension Agent - Onslow County
Amy Frieary, County Extension Administrative Secretary - Randolph County

2007 COMMODITY MEETING CALENDAR AND FIELD DAYS
New links have been added to the CALS website listing the Commodity Meeting and Field Day schedules. Please go to http://harvest.cals.ncsu.edu/index.cfm?showpage=813 for these links. This area also contains the link for the Commodity Directory.

Please forward any comments or corrections to Dr. Tom Monaco, Director of Commodity Relations, at tom_monaco@ncsu.edu.
## MAY 2007 COMMODITY MEETINGS

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
<th>Liaison</th>
</tr>
</thead>
<tbody>
<tr>
<td>79th Annual NC Potato Association</td>
<td>May 21, 2007</td>
<td>Pines Golf Club, Elizabeth City, NC</td>
<td>Tom Melton</td>
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### May 2007 Field Days

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
<th>Liaison*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strawberry Field Day</td>
<td>May 2, 2007</td>
<td>Central Crops Research Station, Clayton, NC</td>
<td>David Monks</td>
</tr>
<tr>
<td>Blueberry Bus Tour</td>
<td>May 3, 2007</td>
<td>Bladen County; Carolina Blueberry Coop Facility, Hwy 701 near White Lake</td>
<td>David Monks</td>
</tr>
<tr>
<td>NC Small Grains Field Day</td>
<td>May 16, 2007</td>
<td>Piedmont Research Station, Salisbury, NC</td>
<td>Steve Leath</td>
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<tr>
<td>Professional Landscape Field Day</td>
<td>May 16, 2007</td>
<td>JC Raulston Arboretum &amp; Horticulture Field Laboratory, Raleigh, NC</td>
<td>Roger Crickenberger</td>
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*Subject to change*