ACADEMIC PROGRAMS OFFICE

Thanks to everyone who helped make the 2011 Open House a success! We had many families in attendance and everyone found their academic building. I appreciate your support with the new format. If you haven’t had a chance to offer feedback yet, please visit the following link to do so: http://harvest.cals.ncsu.edu/surveybuilder/wrap/form.cfm?testID=13334

Thanks to all who have helped our prospective students learn more during their Spend a Day at State visit. We expect November to be busy with SADAS. Those dates are: November 7, 11, 14, 18

The Admission Office will use the same notification dates and application process again this year. If visiting students ask, the application and notification dates are as follows:

October 15 application deadline – Notification December 15
November 1 application deadline – Notification January 30
February 1 application deadline – Notification March 30

Save the Date:
The next Teaching and Advising Effectiveness Committee Seminar is postponed until January, 2012. Plan to join us for the Workshop on Case Studies/Classroom Management/Pedagogy.

Important Graduation Clearance Dates:

November 4   Last day for undergraduate students to remove privacy block
December 17  Graduation Ceremony
December 21   Early Clearance (degree posted for all students cleared by 4pm)
January 6     Second degree posting
January 13    Degree posting
January 17, 2012 Final Clearance for Fall 2011 Graduation

CAREER SERVICES OFFICE

CALS Career Expo Update:
As of October 26th, there will be 70 companies attending. We are excited to have these companies come to NC State and to see that they are interested in hiring our graduates. Please feel free to come to the morning Welcome to enjoy refreshments and speak with recruiters at 9:00 a.m. in Talley
Ballroom on Thursday, October 27th. The Expo will officially begin at 9:30 and end at 3:30. Please stop by!

The Anniversary Dinner will be held on Wednesday October 26th at 6:00 p.m. There are 12 companies attending with 6 students eating with each company. We are excited to offer this to our students and have received excellent responses to this opportunity for students. This is a great chance for students to meet and mingle with company representatives without feeling the anxiety of an interview. All seats have been filled and we look forward to a great evening of networking.

**Just Who Will I Be Update:**
The first series of *Just Who Will I Be* has ended with great results and feedback from students. This year we are trying a new scheduling method that has been very successful so far. The next series is scheduled for Wednesdays on November 2nd and November 9th from 6:00-7:30 p.m. in Daniels 341. There are roughly 15 students signed up to attend. To see more information about the *Just Who Will I Be* workshop series, visit: [http://harvest.cals.ncsu.edu/career/index.cfm?pageID=896](http://harvest.cals.ncsu.edu/career/index.cfm?pageID=896).

**October eNewsletter:**
The October edition of the *eNewsletter* has been completed. Please feel free to catch up on more CALS Career Services news by visiting [http://harvest.cals.ncsu.edu/applications/newsletter/public/index.cfm?xNL_IssueID=75&xNL_groupID=1](http://harvest.cals.ncsu.edu/applications/newsletter/public/index.cfm?xNL_IssueID=75&xNL_groupID=1).

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**AGRICULTURAL INSTITUTE OFFICE**

Mark your calendars!

**Senior Breakfast**
Agricultural Institute Senior Breakfast for graduating seniors will be held **Tuesday, November 29, 2011**. The Breakfast will begin at 7:30 a.m. in 2405 Williams Hall.

**Graduation**
The Agricultural Institute Commencement ceremony is **Friday, December 16, 2011, at 3:00 p.m.** All are welcome to attend.

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**NORTH CAROLINA COOPERATIVE EXTENSION SERVICE**

**Scholarships available for Extension agents to attend workshop**
Scholarships are available for up to 20 N.C. Cooperative Extension agents to attend a day-long workshop on assisting beginning farmers during the upcoming Carolina Farm Stewardship Association (CFSA) conference, Nov. 11-13 in Durham. “Assisting Beginning and Aspiring Sustainable Small Farmers” will include a Friday afternoon tour of newly-launched farming operations and a Beginning Farmer workshop track throughout the conference. To receive a scholarship application form or to sign up for the Friday workshop or tour, contact Carol Moore at carolmoore27@gmail.com. Scholarships include free conference registration and up to two nights of lodging. For more information, visit the [conference website](http://).

**Register now for Nov. 17 ESP meeting**
Registration is now underway for the Nov. 17 annual meeting of Epsilon Sigma Phi, XI Chapter. The meeting will be held at the JC Raulston Arboretum in Raleigh, 9 a.m. to 3 p.m. Cost of the meeting is $25, and a registration form is available on the [XI Chapter website](http://).
Scholarships and Awards deadline is Dec. 5
Dec. 5 is deadline for Cooperative Extension’s 2011 Scholarship and Awards program. All applications must be postmarked by Dec. 5. Scholarships and awards are available to all Cooperative Extension employees, and details can be found at the following websites:

1. The main awards website: http://www.ces.ncsu.edu/admin/wiki/index.php/Awards
3. For Extension agents – http://www.ces.ncsu.edu/admin/wiki/index.php/AgentAwards
5. For program assistants, associates and technicians – http://www.ces.ncsu.edu/admin/wiki/index.php/Program_Assst/Assoc/TehnsAwards

2011 Poinsettia Open House
Enjoy the beauty of the holiday season at the 2011 Poinsettia Open House events. Dates and locations are listed.

Nov. 30: 9 a.m. - 2 p.m., Grower Day (with industry suppliers present), Horticulture Field Laboratory
Dec. 4: 1 p.m. - 5 p.m., Grower and Consumer Day (in the Ruby C. McSwain Center)
JC Raulston Arboretum, 4415 Beryl Rd, Raleigh

Nov. 30: 8:30 a.m. - 6 p.m. The retail trial at Homewood Nursery & Garden Center’s Poinsettia Open House, 10809 Honeycutt Rd., Raleigh, 919.847.0117
Dec. 4: 12:30 p.m. - 4:30 p.m., Mitchell’s Nursery & Greenhouse, King, N.C., with 68 cultivars.
Call 336.983.4107 or www.mitchellsnurseryandgreenhouse.com

For information contact John Dole: john_dole@ncsu.edu, 919.515.3131, www.nccfga.org

AgrAbility Program receives new funding
Dr. Jimo Ibrahim, The Cooperative Extension Program at N.C. A&T State University’s farm safety, energy and environmental specialist, is also the project director for the North Carolina AgrAbility Program, which was recently awarded $718,000 by USDA’s National Institute of Food and Agriculture to provide training and assistance to farmers with disabilities or long-term health conditions that are barriers to work in production agriculture.

Mike Davis Inducted into National 4-H Hall of Fame
Honored by the National Association of Extension 4-H Agents, former state 4-H director Mike Davis was one of 15 inductees in ceremonies held at the National 4-H Youth Conference Center in Chevy Chase, Md.

Pollinator garden shows off fall color
As the sun sets on a bright October day in Chatham County, Agricultural Extension Agent Debbie Roos leads a group of 10 on a tour of the Pollinator Paradise Garden at Chatham Mills, a renovated facility that is home to the Chatham Marketplace cooperative and other clients. Roos hosts the monthly tours throughout the garden’s growing season, and each month, the garden is different, she says. Final tour is Nov. 1, 5:30 p.m.

Small Farms Week will be celebrated March 25-31
The Cooperative Extension Program at North Carolina A&T State University will host its annual Small Farms Week celebration for 2012 on March 25-31. Small Farms Week is designed to highlight the work of and show appreciation to the state’s small, part-time, limited-resource and socially-
disadvantaged farmers. The theme for this year’s activities is focused on local food and the role small farmers play in this effort.

**NORTH CAROLINA AGRICULTURAL RESEARCH SERVICE**

**SBTDC and OTT Free Workshop**
CALS faculty, staff, postdocs and students are invited to attend an event that is being organized by the Small Business and Technology Development Center (SBTDC), in conjunction with OTT and Springboard titled "From Bench to Market: Commercializing Your Research Innovations." This free workshop is going to take place on November 7th in the Monteith Research Center on Centennial Campus. This is a free workshop, but registration is required. You can learn more and register by following this link: [http://www.sbtdc.org/tech/bench-to-market/](http://www.sbtdc.org/tech/bench-to-market/)

**Larry F. Grand Mycological Herbarium dedication & symposium**
The Grand Mycological Symposium, scheduled for Thursday, November 3, 2011 will include a day of presentations by internationally renowned mycologists, followed by a gala reception at the NC Museum of Natural Sciences in honor of Dr. Grand. The free symposium will be held in the McKimmon Center from 1:30 – 5:00 p.m.

For more info:

**2012 Grants Funding Announcement - Advancing Biofuels Commercialization**
The Biofuels Center of North Carolina was established in 2007 by the General Assembly with the charge to increase the capacity for producing renewable transportation fuels within the state. The goal is by 2017, 10 percent of liquid fuels sold in North Carolina will come from biofuels grown and produced within the state.

One significant approach to reaching that goal has been the Biofuels Center grants program, and the organization is pleased to announce the current grants program Request for Proposals. In 2012, the Center will award funding through the program *Advancing Biofuels Commercialization*.

All required forms can be found on the Biofuels Center website by clicking on [Grants](http://www.biofuelscenter.org). Required Letters of Intent to Apply are due November 14, 2011 and detailed applications are due December 15, 2011.

Applicants with questions may contact Biofuels Center Director of Contracts and Grants Kris Allsbury at grants@biofuelscenter.org or at (919) 693-3000, ext. 259.

**INTERNATIONAL PROGRAMS**

**Come to the 2011 Borlaug Lecture—Monday, October 31 at 3:30 PM!! Series Announcement**
Dr. Julio César Calvo Alvarado, Rector of Instituto Tecnológico de Costa Rica (TEC) will present the 2011 NC State CNR-CALS Borlaug Distinguished Lecture at 3:30 PM on Monday October 31, 2011 in the Talley Student Center Ballroom. Dr. Calvo will speak on the subject of: *Costa Rica—A Case Study in Sustainable Development.* Dr. Calvo is a PhD graduate of NC State University from the College of Natural Resources and was recently named Rector (Chancellor) of one of Costa Rica's most important academic institutions, TEC. There will be a reception immediately following the lecture and
from 5:30-6:15 PM we will hold an informal discussion session with Dr. Calvo for faculty and students in the North Gallery of the Ballroom.

On Tuesday, November 1, we will hold an open Campus Disciplinary Seminar with Dr. Calvo on Forestry Development from 10:15 -11:30 AM in Room 1214 Jordan Hall. Please contact Patricia Holoman at patricia_holoman@ncsu.edu or Dan Robison, Associate Dean for Research, CNR at dan_robison@ncsu.edu with questions.

UNA Visit a Big Success

I would like to thank everyone involved in the success of our annual Extension Engagement Week with our partner institution in Honduras, Universidad Nacional de Agricultura (UNA) who visited October 16-22, 2011. We had 20 Agronomy students and 15 Natural Resources students on a dual program for the first time this year. The students were able to encounter many unique programs and research currently in operation here at NCSU and with local farmers. A day-by-day account and photo journal will be available next month when International Programs launches our new website. In particular, I would like to thank the following units for their participation making the week informative and memorable for these enthusiastic students: Ag & Extension Education, CEFS, Crop Science, Family and Consumer Sciences, the Franklin County Extension Office and many other individuals who assisted with translation and volunteered their time.

OFFICE OF DIVERSITY

CAALS 3D Student Research Internship

Jacobo Rozzo, a high school student who participated in the 2011 Summer CAALS 3D program, has been granted a research internship in Dr. Ignazio Carbone’s lab under the guidance of Rodrigo Olarte. This experience is made possible through the Mentor Guided Research Component of CAALS 3D which pairs CAALS 3D students with research mentors for the entire academic year, entire summer, or both. Dr. Carbone’s Lab is examining the evolution of fungal secondary metabolism focusing on the sterigmatocystin (ST), O-methylsterigmatocystin (OMST) and aflatoxin (AF) biosynthetic pathway in Aspergillus. A major component of Dr. Carbone’s research program focuses on the evolution of aflatoxigenicity in Aspergillus. Jacobo will be exposed to a second component of Dr. Carbone’s research which is the development of new software tools to facilitate and enhance the understanding of the underlying evolutionary processes shaping diversity in pathogen populations. The evolutionary toolkit developed in Dr. Carbone’s laboratory (SNAP Workbench) makes population genetic analyses tractable and accessible to biologist. Jacobo is the fourth CAALS 3D high school student to participate in CAALS 3DMentor Guided Research.

CHAMPS Visitation Program

On Thursday, October 20th and 21st 2011, the CALS Office of Diversity Affairs partnered with the NCSU Graduate School and Office of Institutional Equity and Diversity in collaboration with the United Negro College Fund Institute for Capacity Building Enrollment Management Program to host the Third Annual Cultivating High Achieving Motivated Professionals and Scholars (CHAMPS) Visitation Program. CHAMPS is a program in which exceptional undergraduate students from top Historically Black Colleges and Universities visit NC State to learn about our graduate degree programs. The CALS visits encompasses two different sessions. The first session includes a poster session at which the visiting students have the opportunity to get a better sense of the graduate
programs offered by CALS, and to witness some of the cutting edge research in which the CALS faculty and students are engaged. This year, faculty, including Dr. Cindy Hemenway, Dr. Marce Lorenzen, Dr. Stephanie Curtis, Dr. Julia Kornegay, Dr. Michael Hyman, Dr. Terri Long, Dr. Larry Blanton, Dr. Jim Croom, and Dr. Scott McCulloch, and graduate students, including Ms. Tiffany Garbutt, and Ms. Alician Carlson, from the Biochemistry, Entomology, Genetics, Horticulture, Microbiology, Plant Biology, Poultry Science, and Toxicology departments, presented posters. The poster session allows the visiting students to learn about innovative research in CALS disciplines they may never have heard of or considered. This is followed by a visit to their department of interest at which the visiting students meet with faculty and students in the department, visit labs, etc. This year, the visiting students selected the Biochemistry, Microbiology, and Youth and Family Development departments. The second day/session of the students’ visit to CALS involves them attending an informational meeting that spotlights a panel of five successful minority CALS graduate students, and the day ends with the students visiting an actual CALS graduate class in progress (Reproductive Physiology of Mammals class taught by Dr. Char Farin). This year 6 of the 20 highly talented undergraduate students from Xavier University, Johnson C. Smith University, Claflin University, St. Augustine’s University, and Benedict College expressed interest in pursuing graduate education in majors within CALS. These 6 exceptional students visiting CALS have an average GPA of 3.6.

**NSF Fellowship Information Session**

Veronica Mbaneme, a graduate student in Agricultural and Biological Engineering, and a National Science Foundation (NSF) Graduate Research Fellowship recipient, held an information session on October 6th, 2011, to provide CALS Dean’s Graduate Research Assistantship recipients tips and insights for completing the National Science Foundation (NSF) Graduate Research Fellowship application. The National Science Foundation aims, with this fellowship, to ensure the vitality of the human resource base of science, mathematics, and engineering in the United States and to reinforce its diversity. NSF awards three-year Graduate Research Fellowships for doctoral candidates in these fields. NSF Graduate Fellowships are intended for individuals in the early stages of their graduate study. In most cases, an individual has three opportunities to apply: during the senior year of college, the first year of graduate school, and the beginning of the second year of graduate school. The stipend for this fellowship is: $30,000, and cost-of-education allowance of $10,500 per tenure year to include tuition and fees.

**Opening Doors Biennial Reunion for Past Participants Only**

The Opening Doors Reunion will be held on November 2, 2011, at the J.C. Raulston Arboretum at NC State University from 9:30 a.m. until 3:00 p.m. This biennial reunions were initiated to allow for a time for fellow cohorts to come together to revisit and build upon concepts learned in the Opening Doors workshop. It is an opportunity to renew their commitment to positively contributing to an inclusive climate at North Carolina State University and throughout the NC Cooperative Extension System.

**MANNRS Career Panel**

On October 13, 2011, the NCSU Chapter of Minorities in Agriculture, Natural Resources and Related Sciences sponsored a career panel with guest presenters Kristen Kirkland a non-sworn, civilian, Forensic Analyst in the State Crime Laboratory; Shari Sweeney owner of Truly Aesthetic and a Laboratory Technician at Global Vaccines, Inc. in RTP; Mychal Smith a Graduate Student in Department of Molecular and Structural Biochemistry, NC State; Dr. Tashni-Ann Dubroy Professor at Shaw University and Co-owner of Tea and Honey Blends; Dr. Ramón R. Collazo, Assistant Professor in NCSU’s Department of Materials Science and Engineering; Dr. Suzanne D. Johanningsmeier, Research Food Technologist & Assistant Professor, USDA-ARS Food Science Research Unit at North Carolina State University; and Dr. Jose Picart. Special Assistant to the Provost for Outreach and
Engagement. These panels, which will be held each semester affords students the opportunity to interface with successful NC State alum in work in the agriculture, natural resources, environmental sciences, and life sciences. Dr. Lisa A. Guion, Assistant Dean for Diversity, Outreach and Engagement and Professor of Agricultural and Extension Education in the College of Agriculture and Life Sciences, is the CALS Liaison to MANNRS.

CALS Participates in Pack Preview
Dr. Lisa Guion, Assistant Dean for Diversity, Outreach and Engagement and Professor of Agricultural and Extension Education in the College of Agriculture and Life Science, represented the College during Pack Preview which was sponsored by the NC State Office of Admissions on October 25, 2011 from 6:00 to 8:00 p.m. at the McKimmon Center. Over 50 high school seniors and their families from Wake and surrounding counties participated. Dr. Guion provided information on CALS undergraduate majors, support services such as HealthPAC and VetPAC, applying for CALS scholarships, and the like.

National Observances
- National AIDS Awareness Month
- National American Indian Heritage Month

COLLEGE ADVANCEMENT

Save the Dates:
The CALS 2011 Donor Recognition Event will be held at the McKimmon Center on November 6, 2011. Our theme this year is, “Stop the Presses…from the Pages of Perspectives.” To register for the event, please visit http://harvest.cals.ncsu.edu/applications/cals_registration/index.cfm?eventID=631

Retiree Luncheon: Save the date for the annual CALS Retiree Luncheon – December 3, 2011 at McKimmon. All retired on and off-campus faculty and staff are invited to this stewardship event. Registration will open in October.

Plan now to attend Stewards of the Future: research for human health and global sustainability on April 17, 2012 at the McKimmon Center. For details, visit the website at http://cals.ncsu.edu/researchconference

2012 JCRA Membership Information: Memberships keep the gates open and the gardens in top shape. Membership gifts are the primary support for the daily operations and vital for the success of the Arboretum. Membership dues have stayed the same low rates for many years. Due to rising costs and budget cutbacks, it is imperative that we increase these dues slightly beginning January 1, 2012. However, this is your opportunity to take advantage of the current membership dues for up to two years, if you renew before December 31, 2011. Renew now using our secure Web site, or contact Judy Morgan-Davis at (919) 513-0264 or jvmorgan@ncsu.edu. For all the details on the new 2012 membership levels and opportunities, please visit the JCRA’s Web site. There are many worthy organizations that you can support with your giving dollars, and we thank you for believing that the JC Raulston Arboretum is a wise investment for the future. Please contact Anne Porter at (919) 513-3826 or anne_porter@ncsu.edu if you have any questions or comments.

Gift Planning: If you would like to add a section in your print, electronic or any other written piece regarding gift planning, contact Sonia Murphy (513-0637 sonia_murphy@ncsu.edu). Sonia can draft a short piece making your alumni and friends aware of how they can support your programs through a bequest, gift of retirement plans, trusts, etc.
CALS Secure Online Giving: We are in the process of updating our online giving site to allow donors more flexibility and ease in giving to our College and all the departments. Stay tuned for more next month when we launch the new site.

Got Gifts-In-Kind? If not, think about this: In tough economic times, we have to adapt and become more entrepreneurial as we try to find support for our programs. Often, companies and individuals are able to continue donating equipment, materials and supplies, even if they must cut their cash contributions. If you receive any non-cash gifts, please complete the form BA-151 (http://www.cals.ncsu.edu/advancement/ba151.doc) and forward to chris.wessel@ncsu.edu. We will make sure your donors are sent University receipts and acknowledgment letters showing how important their support is to CALS. If you have any questions about non-cash gifts, please call Chris at 919.515.7678.

CALS Gift Legacy Web Site: In an effort to better 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://www.legacy.vg/ncsucals.

CALS Chronicle Enewsletter: The official enewsletter of CALS Alumni and Friends Society is sent quarterly. Please send your announcements, departmental events, and updates for the next issue to calsalum@ncsu.edu. If you wish to subscribe to the enewsletter, email calsalum@ncsu.edu.

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. When employees – faculty and staff – retire, just send Scott Troutman (scott_troutman@ncsu.edu) a quick email letting him know so that he can add them to our list.

### 2011 COMMODITY MEETINGS

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<th>Location</th>
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<td>NC Irrigation Society</td>
<td>November 2, 2011</td>
<td>McKimmon Center, Raleigh, NC</td>
<td>David Monks</td>
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<tr>
<td>Southeast Strawberry Expo</td>
<td>November 6-8, 2011</td>
<td>Sheraton Imperial, RTP</td>
<td>David Monks</td>
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<td>73rd Annual Convention of the Carolina Feed Industry</td>
<td>November 8-10, 2011</td>
<td>Sheraton Imperial, RTP</td>
<td>Keith Oakley</td>
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<td>26th Annual Sustainable Agriculture Conference</td>
<td>November 11-13, 2011</td>
<td>Sheraton Imperial Hotel at 4700 Emperor Blvd in Durham, NC</td>
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<td>NC Sheep Producers Annual Meeting</td>
<td>November 7, 2011</td>
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<td>Southeast Vegetable Expo</td>
<td>November 28-30, 2011</td>
<td>Embassy Suites Hotel Kingston Plantation, Myrtle Beach, SC</td>
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<td>Event</td>
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<td>NC Agricultural Consultants Fall Meeting</td>
<td>December 1-2, 2011</td>
<td>Ramada Inn Blue Ridge, Raleigh, NC</td>
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<td>NC Farm Bureau Annual Convention</td>
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<td>Sheraton Four Seasons Koury Center, Greensboro, NC</td>
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<td>Crop Protection Assoc of NC Fall Meeting</td>
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<td>Turf Grass Council Conference and Trade Show</td>
<td>December 12-14, 2011</td>
<td>Sheraton Four Season's Koury Center, Greensboro, NC</td>
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<td>NC Sod Producers Association Annual Meeting</td>
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<td>Sheraton Four Season's Koury Center, Greensboro, NC</td>
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