The Academic Programs Office welcomes Dr. Sam Pardue as the Interim Associate Dean for Academic Programs effective July 1, 2012. Dr. Pardue has served as head of the Poultry Science Department since July 1, 2005. Previous to serving as head, Dr. Pardue served as undergraduate coordinator and a faculty member of Poultry Science. Dr. Pardue replaces Dr. Ken Esbenshade who is returning to the Animal Science Department after 11 years as Associate Dean. Please congratulate Dr. Pardue on his new role and thank Dr. Esbenshade for his years of dedicated service.

The Academic Programs Office also welcomes Dr. Vicki Martin who is joining us on July 1, 2012 as Assistant Director. Dr. Martin has spent the past two years as a Program Director in the Division of Biological Infrastructure at the National Science Foundation. Prior to this appointment, she was a faculty member in the Departments of Biology at the University of Notre Dame and Appalachian State University, serving as department chair at Appalachian State for a five-year period. We look forward to her joining our team and to the many contributions she will make in her position.

SCIBLS, Summer College in Biotechnology and Life Sciences, runs from July 9th through August 3rd. A total of 46 high school students are registered. Their final presentations are open to the university community. Their presentations will be on display on Friday, August 3rd from 10:30 a.m. to 12:30 p.m. in the BTEC Building. Will Edwards is the Director of the program and can be reached at william_edwards@ncsu.edu if you would like more information about SCIBLS.

New Student Registration - Information for self registration has been sent electronically since early May. Enrollment opened (with holds being released) on June 11. The students’ schedules are coming together. Remember, you can always pull your students’ schedules via Orientation Reports in SIS.

New Student Orientation Dates Reminder: Please mark your calendars for NSO. The dates are as follows:
- Transfer students: Monday, June 25, Friday, July 6, and Friday, July 27
- Freshmen students: July 23 & 24, July 24 & 25, July 25 & 26, and July 26 & 27

Our College welcome will begin at 2:00 p.m. Students will be dismissed for departmental sessions at 3:00 p.m. Parents will remain in Stewart Theater for a Q&A information session. Please note...Jefferson Scholars will be attending the last session (July 26-27).

This year's summer reading text will be It Happened on the Way to War by Rye Barcott. We will use the book in ALS 103, so CALS is advising all incoming freshmen to participate.

Wolfpack Welcome Week – College Connection Event – Tuesday, August 14, 1:00-3:00pm; Scott Courtyard (grassy area between Fox, David Clark Labs, and Kilgore halls) - Celebrating CALS...Small School Feel with Big School Opportunities - Students can come learn about their
College and have fun with the CALS Ambassadors. We'll have a club fair, games, free ice cream, and a t-shirt giveaway (with student id)! This year we would like to set up a department-major area where students can talk to faculty/staff/students in their home department.

To register (your club and/or department), please visit:
http://harvest.cals.ncsu.edu/applications/cals_registration/index.cfm?eventID=758

If you have questions, please contact Tricia Buddin.

Hold the Date:

Welcome Back Academic Programs Faculty and Staff - August 14.

The Fall Academic Programs faculty meeting will be held Tuesday, August 14, 2012 from 9:00 a.m. to 12:00 noon in 2215 Williams Hall. All those with teaching and advising responsibilities are encouraged to attend. At this meeting you will hear from Interim Associate Dean and Director of Academic Programs, Dr. Sam Pardue, and meet our new Assistant Director Dr. Vicki Martin. We will also provide you with important announcements/updates, recognize 2012 teaching and advising award recipients and introduce new faculty members.

ETF - Final Reports due July 13, 2012

This is a reminder that Departmental/Program ETF final reports are due July 13, 2012. Please send the narrative as a Word Doc attachment to barbara_kirby@ncsu.edu. The list of itemized expenditures by report code may be a spreadsheet or the actual wolf report as of June 30, 2012. See the CALS ETF website for report guidelines. (http://harvest.cals.ncsu.edu/applications/etf/)

The university ETF committee met. Base funding for CALS will be approximately the same this year. Some adjustments may be made due to enrollment increases or decreases. In late July or early August, there will be a call for proposals for One-Time requests for projects that impact at the university level. Projects will be approved and funds allocated in September. If any One-Time funds remain, a call for One-Time funds for projects that impacts departments/college will be issued. Please think about responding to these opportunities for funding that will benefit students in your courses and laboratories.

CAREER SERVICES OFFICE

The 2012 CALS Career Expo, "Make a Life, Make a Living, Make a Difference," will be held on Thursday, Sept. 27th from 1:00-6:00 p.m.! Please encourage your employer contacts to register at www.cals.ncsu.edu/career/employers, or they can call our office at (919) 515-3249 and we can get them set up. Even if they aren't actively hiring, this is a great way to connect with students and establish a presence on campus.

All students are encouraged to attend, and the event is open to alumni job seekers, as well. This year we also hope to better address the needs of 1st and 2nd year students by dedicating a section of the event to internships and on-campus leadership opportunities. CALS juniors and seniors will be on hand to talk about their experiences and provide advice.
More information about the event, including the list of registered companies, will be available soon. With this year’s event being a month earlier than usual, we will need your help in advertising the event to students!

**AGRICULTURAL INSTITUTE OFFICE**

**FFA Convention!**  
This year’s State Convention theme, “I Believe”, fits well with FFA members’ educational goals. During the Career Show, a number of students and staff from the Agricultural Institute were thrilled to spread the word about our great program to numerous FFA members from across the state. Many of these members will become the AGI Class of 2014 this year!

**Summer START**  
The Agricultural Institute is involved with the Summer START program for the first time since it began three years ago. Summer START is a University program designed to assist new students with the transition from high school to college. Through five weeks of academic and social programming, students will take up to 8 credit hours while they become acclimated to life at NC State, learning what support programs are available and developing important academic skills that will help them succeed in college and in life. We are excited about the possibilities this program will bring to a number of our new students. We look forward to getting more involved with this group in the years to come.

**Mark your calendars!**

**Orientation**  
Orientation for Fall 2012 has been scheduled. The Agricultural Institute dates are as follows: Wednesday, July 25 – Thursday, July 26, 2012 (Coordinators please mark your calendars)

**Transfer Orientation:**  
Friday, July 27, 2012

**NORTH CAROLINA COOPERATIVE EXTENSION SERVICE**

**Wynne, CALS supporters honored at spring joint foundations event**  
Award recipients, including the Animal Science and Food Science clubs, the Student Organization Resource Development Award winners, were recognized for their efforts in support of the Dairy Foundation Campaign for Excellence.

**The Produce Lady offers live online canning demos**  
Dr. Ben Chapman, a food safety specialist with N.C. Cooperative Extension, will join Brenda Sutton, The Produce Lady, in two live, one-hour demonstrations on proper canning techniques.

**Ask an Expert All Stars honored for client service**  
Five N.C. Cooperative Extension professionals were recognized as Ask an Expert All Stars by Extension Information Technology for quick responses to client questions asked through Extension’s Ask an Expert widget over the past year.
Hay Field Day to be held July 12
Hay production will be the focus of a July 12 field day at the Mountain Research Station in Waynesville. The event is sponsored by N.C. State University and the N.C. Department of Agriculture and Consumer Services.

4-H Congress is July 16-19
About 500 4-H’ers and their leaders are expected at N.C. State July 16-19 for the annual State 4-H Congress. 4-H’ers participate in competitions, service projects and officer elections during Congress week.

Organic Field Crop Farm Tour is July 19
N.C. State University’s Organic Grain Project will lead a tour of Hickory Meadows Organics in Whitakers, an organic field crop farm, on July 19 beginning at 5 p.m. This organic farm has approximately 400 certified organic acres, as well as conventional acreage.

App taps kids’ interest in technology to open door to gardening and the out of doors
A new electronic game from UNC-TV and North Carolina Cooperative Extension is designed to get kids interested in spending time outdoors growing their own fruits and vegetables.

Specialists receive program awards
An individual specialist and a team were recognized for program excellence at the May 15 meeting of the N.C. Association of Cooperative Extension Specialists. Robert Bardon received the Individual Program Award and members of the Livestock/Forage Agent Training Conference team received the Team Award.

NORTH CAROLINA AGRICULTURAL RESEARCH SERVICE

Upcoming Field Days:

- **July 12** - Hay Field Day, Mountain Research Station, Waynesville, NC
- **July 31** – Apple and Peach Field Day, Mountain Research Station, Waynesville, NC
- **Aug. 8** – Turfgrass Field Day, Lake Wheeler Road Field Laboratory, Raleigh, NC
- **Sept. 5** – Soybean and Tillage Field Day, Upper Piedmont Research Station, Reidsville, NC
- **Sept. 6** – Peanut Field Day, Peanut Belt Research Station, Lewiston-Woodville, NC
- **Sept. 12** – Cotton Field Day, Upper Coastal Research Station, Rocky Mount, NC
- **Sept. 19** – Small Flock Field Day, Center for Environmental Farming Systems, Goldsboro

Plants for Human Health Institute and Kannapolis News:

Plants for Human Health news:
[http://plantsforhumanhealth.ncsu.edu/](http://plantsforhumanhealth.ncsu.edu/)


New NC Research Campus Website!
At the new [www.ncresearchcampus.net](http://www.ncresearchcampus.net), you'll find the latest research findings from the benefits of bananas and the potential of ginger to the power of bioinformatics. That's not all, you'll also find:

- An expanded homepage and search capabilities.
- Detailed information about campus partners, ongoing research and published research.
- More opportunities to collaborate with campus scientists from anyone of our 17 partners.
New ways to follow the campus through e-newsletters, alerts, Facebook, Twitter, LinkedIn and YouTube.

Insights into the NCRC, Kannapolis and the Charlotte-region.

Visit www.ncresearchcampus.net and join us as we prevent and treat disease and encourage healthier lifestyles through advancing science at the intersection of human health, nutrition and agriculture.

Receive the latest NC Agriculture Research Service news:

https://twitter.com/#!/CALSResearch

http://cals.ncsu.edu/research

For the latest CALS Office of Sustainability news:

https://twitter.com/#!/CALSSustainable

http://www.facebook.com/NcsuCalsOfficeOfSustainability

INTERNATIONAL PROGRAMS

VISITORS

Lund University The department welcomed two faculty from the Lund University, Sweden on June 5, 2012. Maria Katsarou Tägil, Incoming Student Coordinator and Anne Messeter, Strategic Partnerships and Networks, are interested in strengthening our current partnership between our institutions to develop more strategic exchanges beyond student exchanges. CALS IPO looks forward to developing opportunities with students and faculty with this partner. Look for developing information in months to come. To learn more about Lund, visit this link:
http://www.lunduniversity.lu.se/

National Chiayi University, Taiwan The department will be hosting a delegation from the National Chiayi University, Taiwan on 13 July, 2012 for a focused symposium on Food, Bioprocessing and Nutrition Sciences (FBNS) and peanut research. Six delegates from the National Chiayi University will meet with members from the Office of International Affairs, FBNS/USDA, and International Programs. Later that afternoon the meeting will continue with the College of Natural Resources for discussions on forestry biomaterials.

OFFICE OF DIVERSITY

Dean’s Postdoctoral Fellowship Overview: The CALS Office of Diversity Affairs and the CALS Diversity Council are pleased to announce the new Dean’s Postdoctoral Fellows Initiative. The purpose of the Dean’s Postdoctoral Fellows Initiative is to increase diversity among the postdoctoral fellows population within CALS. CALS has made tremendous progress in hiring women and international post-doctoral fellows (postdocs). Of all 107 employed postdocs in CALS in 2011, nearly half (47%) were female and over one-third are international (36%). There have been steady increases in both female and international postdocs over the past 10 years. Over that same time period, progress in increasing the representation of postdocs from some ethnic groups has been made as well. When comparing ethnicity data from 2001 to the present, the percentage of Asian post docs has quadrupled and Hispanic/Latino has tripled. The College has made some strides in increasing diversity among postdocs. The measurable, significant increase in diversity among women, Asian Americans, and Hispanic/Latino American postdocs is to be celebrated and continued. However, there are two ethnic minority groups for which no progress has
been made—Native Americans and African Americans. Currently, in 2011, 54% of the postdocs were White, 36% were international, 4% were Asian, 3% were Hispanic/Latino, 3% were two or more races or race unknown, 0% were African-American, and 0% Native American. Year after year, there are no postdocs hired into CALS who are Native American or African American. This presents a chronic and persistent under-representation of those groups in the postdoctoral fellow population in CALS. Thus, the Dean’s Postdoctoral Fellows Initiative is very strategic, purposeful, and intentional in seeking to address this specific need by targeting those two groups as we launch the initiative in 2012.

2012-2014 Postdoctoral Fellow Announced: We are pleased to announce that Dr. Terrence Gardner will join us as the first Dean’s Postdoctoral Fellow. Dr. Gardner received his B.S. in Biology from Jersey City State College, M.S. degree in Biology specializing in molecular biology and mycology from N.C. Central University, and Ph.D. from Alabama A & M University in Soil Science specializing in soil microbiology. During his graduate studies, he gained experience as a Graduate Research Assistant and Graduate Teaching Assistant. Prior to completing his PhD, Dr. Gardner worked as a Research Technician III for 7 years at East Carolina University’s Brody School of Medicine in the Department of Microbiology and Immunology. During his five-year PhD program, he served as a Doctoral Research Fellow (soil microbiology). Since completing his PhD in 2010, Dr. Gardner has been serving as a Research Fellow studying soil microbial ecology with the USDA-ARS Cropping Systems Research Laboratory, Win Erosion and Water Conservation Unit in Lubbock, TX. He is the author of 6 refereed journal articles (including five on which he was lead author). He has presented his research at several national and international conferences. For example, he conducted a workshop on global food security in Burkina Faso, West Africa. Additionally, Dr. Gardner has been engaged in many outreach and service efforts over the past 20 years. He has mentored underrepresented high school students and has served as a tutor in biology and math during the school year and assistant during summer science enrichment programs. He has been heavily engaged in recruiting undergraduates and graduate students into STEM disciplines. In addition to the talents, technical skills, and knowledge that he brings to research, Dr. Gardner will be an asset to the CALS Office of Diversity Affairs as well.

Dean’s Postdoctoral Fellow Research Project: The Dean’s Postdoctoral Fellow, Dr. Terrence Garner, will be working under the mentorship of Dr. Owen Duckworth in the Soil Science Department. Dr. Gardner will conduct independent research in the growing interdisciplinary field of environmental remediation. Activities may include conducting microbiological and geochemical experiments, electron microscopy, molecular biology approaches, and cutting-edge spectroscopic techniques to better understand the transformations of manganese in an environmental remediation system at a Superfund site. Opportunities exist to interact closely with a group of distinguished intramural and extramural collaborators, including at National Laboratories and the Smithsonian Institution.

Endorsement from Dr. Duckworth: Dr. Duckworth submitted Dr. Gardner’s credentials and information for consideration and provided the following endorsement, “Dr. Terrence Gardner has the broad background and specialized technical expertise to conduct our proposed Geomicrobiological Research in Environmental Remediation project. He has a strong educational background, with an M.S. in biology and a Ph.D. in Soil Science with a specialization in soil microbiology. This combination of educational foci provides the ideal blend of skills and perspectives required for our proposed research. In addition to the experience gained from his formal education, he has also worked as a Research Technician at East Carolina University and as a visiting fellow at a USDA laboratory. From these research experiences, he has developed advanced expertise in the microbiological and molecular biology approaches that are required for our project. He has been a productive researcher, with six peer reviewed publications (including five on which he is the first author). Additionally, he has served as a mentor for 10 students, ranging from undergraduate to Ph.D. in level, and has
extensive experience in outreach activities. This experience would be helpful in guiding students in research as well communicating our research to students and the public. Based on his many skills and accomplishments, I believe Dr. Gardner would excel in my laboratory, providing critical benefits to the project while gaining additional experience that will help to advance his career.

Fourth Annual Creating Awareness of Agriculture and Life Sciences Disciplines, Degree Programs and Discoveries Project (CAALS 3-D) Program -High School Science Enrichment and Undergraduate Recruitment Program
Now in its fourth year, CAALS 3-D, provides male, and for the first time this year, female African-American, Hispanic/Latino American and Native American students from the NC School of Science and Math, and the NC Society of Hispanic Professionals (NCSHP) with hands-on experiential research projects in a CALS laboratory and information on CALS undergraduate academic programs. African-American, Hispanic/Latino American and Native American students are underrepresented in CALS undergraduate and graduate degree programs. This program exposes highly talented, academically gifted students from these underrepresented groups to exciting, cutting-edge agricultural and life sciences research; and also provides them with a plethora of information on degree programs and career opportunities in the agricultural and life sciences. This year, the CAALS 3-D program will be held from July 16 - July 20, 2012.

Fourth Annual Labs4Learning - Middle School Outreach Program:
On July 24th, 24 rising 8th graders participating in the NCSSM’s Labs4Learning program will visit CALS. Through interactive workshops youth will learn about: 1) what they need to do NOW and on into high school in order to be competitive for admission to NCSU presented by Mr. Ronnie Chalmers, Undergraduate Admissions Counselor; as well as 2) financial aid and scholarship availability and requirements presented by Mr. Cecil Outlaw, Assistant Director of the Offices of Scholarship and Financial Aid. The subject matter focus of this year’s Labs for Learning is on the life sciences. This will be followed by a hands-on scientific experience by Ms. Rushyannah Killens, Microbiology Graduate Research Assistant.

Attend Opening Doors
Opening Doors is a three-day retreat that provides a framework for increasing diversity awareness and enhances a person’s ability to create an inclusive organization. Opening Doors is open and free to all faculty and staff within the College. The format of Opening Doors provides for open discussion, self-examination and an objective analysis of our social system as well as a constructive means to bridging differences through understanding personal responsibility. As a result, constructive methods of creating a welcoming and inclusive environment are developed. The overall goal of Opening Doors is to facilitate both personal growth and systemic organizational change. Over the past six years, the College has implemented it as a foundation component of our work to foster system change around pluralism and inclusion. All Opening Doors sessions will be held at the Eastern 4-H Center. The last CALS sponsored session of this year will be held on September 19-21, 2012. The workshop is absolutely free to all CALS personnel and includes meals and lodging. Transportation is provided from NC State to the Eastern 4-H Center on a first come first served basis. There must also be two participants willing to drive the van provided. Registration for the remaining September 2012 Opening Doors session is available at http://www.cals.ncsu.edu/openingdoorsworkshop.

National Observances:
July 4th: Independence Day
July 11th- World Population Day
National Black Family Month
National Family Reunion Month
National Make a Difference for Children Month

COLLEGE ADVANCEMENT

Save the Date! The 21st Annual CALS Tailgate will be held September 15, 2012 at Dorton Arena. Details coming soon!

CALS Advancement News Items

From the JC Raulston Arboretum:
Memberships Make a Difference! Please consider supporting "Raleigh's Garden -- Your Garden" by joining today!
http://www.ncsu.edu/jcraulstonarboretum/join_and_support_us/membership/membership.html

Plantsmen’s Tour: "2012 Interns' Top Picks"
Mark Weathington, Assistant Director and Curator of Collections
July 10, 2012 (Tuesday) – 9:00 AM–10:30 AM

Photography at the JCRA:
Sponsored by the JC Raulston Arboretum and the Triangle Carolinas Nature Photography Association
Opening Reception August 25, 2012 (Saturday) – 2:00 PM–5:00 PM
Exhibit August 27–October 5, 2012 (Monday–Friday) – 8:00 AM–5:00 PM

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.

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 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.

**2012 COMMODITY MEETINGS**

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<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
<th>Liaison</th>
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<tbody>
<tr>
<td>Crop Protection Association of NC Summer Meeting</td>
<td>July 12-13, 2012</td>
<td>Hilton Resort, Myrtle Beach, SC</td>
<td>Tom Melton</td>
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<tr>
<td>Combined Annual Egg Industry Conference-NC, GA &amp; FL</td>
<td>July 12-14, 2012</td>
<td>Hilton Head, SC</td>
<td>Sam Pardue</td>
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<tr>
<td>Carolina Feed Industry Assoc. Summer Convention</td>
<td>July 19-21, 2012</td>
<td>Embassy Suites, Kingston Plantation, Myrtle Beach, SC</td>
<td>Keith Oakley</td>
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<tr>
<td>NC Seedsmen's Association Annual Meeting</td>
<td>July 22-24, 2012</td>
<td>Great Wolf Lodge, Concord, NC</td>
<td>David Smith</td>
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<tr>
<td>NC Herb Association Summer Meeting, &quot;Wild Herb Weekend&quot;</td>
<td>July 27-29, 2012</td>
<td>Valle Crucis, NC</td>
<td>Sylvia Blankenship</td>
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**The End of an Era**

Thank you Sir!