Green Means Go

Introducing the Lonnie Poole Golf Course
In its first few weeks of operation, the Lonnie Poole Golf Course welcomed college golfers, alumni, retirees and family groups while preparing to host Arnold Palmer and the Jimmy V Foundation Celebrity Golf Classic for Cancer Research.

GREEN MEANS GO
NC STATE’S NEW PAR-71 COURSE ALSO PLAYS WELL AS A 250-ACRE LAB AND CLASSROOM.

Article by D’Lyn Ford

Ask golfers about NC State’s new Lonnie Poole Golf Course and they’ll share these stats: It’s an 18-hole, 7,358-yard, par 71 Arnold Palmer-designed course on Centennial Campus.

But faculty and students, including those who don’t play golf, also have designs on the golf course. They’re eager for it to grow into its role as a 250-acre outdoor classroom and living laboratory.

While the men’s and women’s golf teams practice at their long-awaited home course, more than 200 undergraduates in the turfgrass program will come here for field labs and about 20 graduate students will tend research projects. Professional Golf Management majors in one of only 20 PGA-accredited programs will gain real-world experience in the $76 billion business of golf.

NC State’s Friday Institute, a Centennial Campus neighbor, plans to bring science teachers and students to the Audubon-certified golf course to learn about wildlife management and environmental issues. And parks and recreation students may coax
“People used to venture out onto the links wearing plaid shorts, striped shirts and golf shoes with a flap on top.

Now you have to have the proper clothing, sunglasses, gloves, hat and belt.”

Centennial Middle School students into taking their first golf swings here.

**Green Design**

NC State faculty helped golf course designers transform kudzu-covered land into a championship course that fits into the natural environment. The course’s design and management are intended to be at the forefront of the move toward sustainability, says Tom Rufty, crop science professor and co-director of the Center for Turfgrass Environmental Research and Education.

“It is designed to require lower inputs of fertilizer, pesticides and water,” Rufty says. “We’ve added over 2,500 native and adapted plants. That helps establish a more sustainable system that has lower resource use and minimizes impacts on the surrounding environment.”

The bunkers and rough look different. Instead of pristine white, smooth-sided traps found on other courses, bunkers here have natural jagged edges and sand stained by erosion – normal with the Piedmont’s clay soils.

Errant shots fall into a low-maintenance mix of fine fescue and wild grasses. When fully grown in, the rough will need minimal care while accenting the course’s beauty and challenging golfers.

“You don’t want any part of the rough,” Nick Dillman, an NC State alum working at the course, tells a golfer who’s about to play his first round.

Dillman knows. To earn his degree in the Professional Golf Management program, he had to pass a PGA playing test and complete 16-months of co-op work at golf courses.

In his new job at Lonnie Poole, his duties include working with golfers and helping NC State students plan golf sessions for middle school students from Centennial Campus.

In high school, Dillman realized how much he enjoyed golf and decided to parlay it into a career.

“I play where I work,” he says. After his shift, he’ll probably squeeze in a round.

**Going for the Green**

Having a golf course will help NC State attract PGM students like Dillman as well as top collegiate players, says Robb Wade, head of the NC State’s eight-year-old program, which has 90 students.

“For the last year and a half, we’ve started taking students out to show them the progress on the golf course,” Wade says. “As good as the local courses were to us, it wasn’t the same as having one right on campus.”

While a love of golf brings PGM students to NC State, Wade encourages them to learn about the array of related careers.

“I don’t see our role in PGM as helping them get better at golf but better aware of...
the things they need to know to succeed in the business of golf," Wade says.

PGM majors can pursue jobs as tournament coordinators, demo reps for high-tech golf equipment like handheld GPS units or marketers of golf apparel to the growing number of women taking up the sport. At a PGA show in Orlando this March, more than half of the million feet of floor space were devoted to apparel, most of it for women, Wade says.

“People used to venture out onto the links wearing plaid shorts, striped shirts and golf shoes with a flap on top. Now you have to have the proper clothing, sunglasses, gloves, hat and belt.”

Fueled by the appeal of players like Tiger Woods, the golf industry is looking for ways to attract new players. Some courses set up areas for beginning players, show movies on the clubhouse walls during family night, host nature hikes or handing out kid-friendly plastic golf clubs and tennis balls to elementary PE teachers.

NC State intern Sarah Hunt is working with golf’s next generation. Since May, she’s put 9,000 miles on her car, traveling with the Peggy Kirk Bell Junior Golf Tour and U.S. Kids tours of the Triad and the Triangle.

“I’ve loved every second,” says Hunt, a former junior golf competitor who working with young players. “The more experience you get, the more opportunities there are to advance in your career path.”

“Sarah’s phenomenal with kids,” Wade says. “The career prospects have shifted from 15 years ago when being a golf professional at a green grass facility was the primary career.”

Hometown Welcome

In its first few weeks of operation, the course with panoramic views of the Raleigh skyline has welcomed college golfers, alumni, retirees and family groups who’ve explored the links, honed their putting on the practice green and peppered the driving range with golf balls bearing red and white stripes.

Tomorrow, Arnold Palmer will preside over the invitation-only ribbon cutting for his only university course and give a private golf clinic.

On Aug. 15-16, the V Foundation will hold its Golf Classic for Cancer Research at Lonnie Poole Golf Course, a fitting host site for fans and friends of Jim Valvano. The weekend tournament, which is open to the public on Sunday, Aug. 16, features celebrity golfers like NBA star Charles Barkley, 16-year-old prodigy Dakoda Dowd, recording artist Meat Loaf and ESPN SportsCenter host Stuart Scott. Admission is $5, and the gates open at 8:30 a.m. with a 9:30 shotgun start.

Links to Cancer Research

The Jimmy V Foundation and NC State are inextricably linked in the fight against cancer. This year, foundation has added a cancer research symposium to a week of special events in the Triangle, which concludes with a golf classic at NC State’s new Lonnie Poole Golf Course.

On Saturday Aug. 15, researchers who have received funding from The V Foundation will speak about developments in cancer research. Dr. John Cavanagh, director of the Jimmy V-NC State Cancer Therapeutics Training Program, will be a panelist with doctors from Duke and the University of North Carolina at Chapel Hill. The free, public forum is from 10 a.m. to noon in the Raleigh Convention Center.
NC State will lose 440 faculty and staff positions under the $53 million budget reduction plan submitted to the University of North Carolina system last week. The positions include 117 EPA faculty, 117 EPA professional and 206 SPA jobs. Forty percent of the jobs that will be eliminated – 176 – are currently filled.

Many of the jobs cut are vacant faculty, non-tenure-track faculty and instructional support positions, Chancellor Jim Woodward said in his memo to UNC President Erskine Bowles.

While the overall budget reflects a 10 percent reduction in state funding, colleges took smaller cuts, ranging from 3.36 percent for Humanities and Social Sciences to 8.55 percent for Textiles, Woodward said.

“We allocated smaller reductions to academic units, yet we are still losing enough non-tenure-track faculty and teaching assistants that our instructional capacity will drop by about 3 percent,” he wrote.

NC State will lose 300 class sections and 9,750 seats. While general education classes were protected to a large extent, students will see larger class sizes and possible graduation delays. Study abroad, leadership, service learning and research opportunities will be reduced because of cuts in staffing and academic support programs.

Woodward said long-term impacts of the cuts include slower enrollment growth and “erosion in core faculty expertise.” Grant and contract funding for research and extension programs that benefit North Carolinians also will suffer, he said. In addition, funding reductions for Agricultural Research and Cooperative Extension Service programs will adversely impact research supporting the state’s $70 billion agricultural sector and science-based education programs delivered in partnership with the state’s 100 counties and the Cherokee Tribal Council.

The budget proposal, which was submitted July 22 after more than eight months of effort, will be reviewed at the UNC system level. Once the state budget is finalized, the UNC Board of Governors will consider NC State’s proposed budget for final approval.

The 10 percent reduction allows for an expected 6 to 7 percent cut in state funding, along with 3 percent to protect NC State in the event tax revenues remain low and the state takes back funding in a budget reversion, as it did last year.

If the budget reduction is less than expected, Woodward said his top priority is additional funding for undergraduate education, particularly general education courses.
Pack the Park Tonight

Wear red to tonight’s Carolina Mudcats game to receive $5 box seats during “Pack the Park Night.” Ask for the discount at the gate or purchase your tickets in advance at carolinamudcats.com by using the special password PACK! NC State employees, alumni and students will receive food and beverage discounts. Mascots Muddy and Mr. and Ms. Wu will be on hand for the 7:15 game in Zebulon.

Faculty and staff can buy $5 tickets to all Friday, Saturday and Sunday games. The WolfPerks offer is good for box seats (200 level) purchased online. To receive the discount, enter the password PERK!

Become a Greek Advisor

If you have ever wanted to become more involved with students across campus and support their academic success, here is where you can help. Greek Life will be hosting an informational meeting/training for faculty and staff members who may be interested in serving as a faculty advisor to one of NC State’s fraternities or sororities. The meeting will be held from 11 a.m. to 1 p.m. on Monday, Aug. 3, at the ES King Village Commons. Lunch will be provided. Attending the meeting does not commit you to volunteering.

Space is limited so RSVP to Mitzi Horton at Mitzi_Horton@ncsu.edu or 513-2910.

Sales Tax Holiday

No sales tax will be charged on purchases of textbooks and eligible school supplies, including computers, during the state sales tax holiday Friday, Aug. 7, through Sunday, Aug. 9.

The tax holiday applies to textbooks priced at $300 or less; laptop and desktop computers under $3,500; computer peripherals; computer supplies under $250; and school supplies.

Honoring Bruneau at Turf Field Day

Special events honoring Dr. Art Bruneau, emeritus professor of crop science, will be part of 2009 Turfgrass Field Day on Aug. 12 at the Lake Wheeler Turfgrass Field Lab. The morning will be devoted to field tours with updates on university turfgrass research. Bruneau, an NC State researcher and educator for 26 years, will be formally recognized for his contributions following welcome remarks at 8:30 a.m.

After a putting contest and lunch, an Art Bruneau Golf Tournament is planned at the Lonnie Pool Golf Course, followed at 4:30 p.m. by an “Art Roast” and dinner at the golf course. Proceeds from the events will benefit scholarships and research.

For more information about the events, contact Emily Erickson with the Department of Crop Science at 919.513.2034 or emily_ericson@ncsu.edu.

Parking Updates

Relaxed summer rules for parking in resident areas end Wednesday, Aug. 19. After that date, faculty and staff will need Resident East (RE - east campus) and Resident West (RW - west campus) permits to park in those areas.

Starting Wednesday, Aug. 19, student parking permits will be restricted to specific decks until 3 p.m. After 3 p.m., CD, DD and CC permits will be valid in the Coliseum Deck, Dan Allen Deck or any university-owned Centennial Campus parking deck. This change will not affect faculty/staff DC parking permits, which will still be valid in the Partners Way Deck on Centennial Campus.

Prices for paid parking in Dan Allen Deck and Coliseum Deck have changed to $2 for the first hour and $1 for each additional hour with a $6 daily maximum. Self-pay machines in Dan Allen Deck will reopen prior to the start of the school year. Credit card-only machines will enable users to pay for the exact amount of time used. Users will pull their tickets and pay upon return, with a 15-minute grace period to pay for parking and exit. The paid parking receipt opens the exit gate.

Hillsborough Street Roundabout Project

Construction work on Pullen Road approaching Hillsborough Street may require detours around the Belltower along Watauga Club Drive. Traffic delays are also expected between Oberlin Road and Enterprise Street due to intense construction:

• Electrical utility work by Progress Energy at Horne and Gardner
• Installation of utility duct bank on the south side of Hillsborough starting at Logan and heading west towards Chamberlain and Horne
• Installation of sewer lines on the south side of Hillsborough starting at Logan and heading west towards Enterprise and Logan
• Completion of paving on the Pullen Road extension between Oberlin and Hillsborough
• Installation of water lines on the south side of Hillsborough starting at Maiden and heading west towards Enterprise and Logan

Later, in the fall, the CC, CC, DD and CC parking permits will be restricted to specific parking permits in those areas.

Hillsborough Street will remain open throughout the project, which has an estimated completion date of September 2010. Wolfline buses will continue to service Hillsborough Street, but may encounter detours and delays during utility work.

Faculty and Staff Notes

Chancellor Search Open Forums Set

The Chancellor Search Committee will hold open forums for faculty, staff and students on Wednesday, Aug. 26, to include members of the NC State community in discussions about the search for the university’s next chancellor. The committee welcomes ideas that will guide the selection of candidates. Faculty, staff and students are invited to join in discussions on the qualities the next chancellor should possess as well as the leadership attributes that will best serve the university and its goals.

The committee will hold three forums on Wednesday, Aug. 26, for faculty, staff and students in the Talley Student Center Stewart Theater from 12:30 p.m. to 5 p.m. The following times have been designated:

• 12:30 p.m. – Staff
• 2 p.m. – Faculty
• 3:30 p.m. – Students

Another forum for alumni, local elected officials and local residents is scheduled at 6 p.m. on Aug. 26 in the Jane S. McKimmon Center.

These are approximate times for the various groups to participate and will help the search committee organize the comments and suggestions offered by speakers. Preference will be given during each designated time to representatives of the scheduled group, but others will have the opportunity to speak if there is unused time remaining at the end of a scheduled session. Please arrive ahead of time to sign up.

Both forums are open to anyone. If you cannot attend one of the forums, comments and questions can be sent to...
the committee by emailing chancellor_search@ncsu.edu.

**Narayan Wins Award**

Dr. Roger Narayan, faculty member in the joint department of Biomedical Engineering at NC State and the University of North Carolina at Chapel Hill, has been named a Fellow of the Society for ASM International, formerly known as the American Society of Metals, a professional organization for materials scientists and engineers. The honor recognizes broad, productive achievement in production, manufacturing, management, design, development, research or education.

**Easley Begins Formal Grievance**

Former NC State employee Mary Easley has begun a formal grievance regarding termination of her contract by Chancellor Jim Woodward. Easley’s contract was terminated in June after substantial portions of her job were eliminated as a result of budget cuts required of the university by the shortfall in the state’s budget.

Chancellor Woodward said that, in keeping with the university’s grievance procedures and state law, the grievance hearing will be closed but that the university would share the outcome. A timetable for the grievance has not yet been established.

**Alumni Magazine Wins**

NC State’s alumni magazine won four awards in the 2009 APEX awards competition, a national competition that received more than 3,700 entries this year.

Molly Renda, print publications manager, won Grand Award in design and illustration in the nonprofit/small office category – the top prize – for her design of the feature, “36 Things We Love About NC State.”

Cherry Crayton’s article, “A Father’s Pursuit,” received an award of excellence in the interviews and personal profiles category. The entire staff was recognized for overall magazine and journal writing excellence for the winter 2008 issue.

The magazine received an award of excellence for energy efficiency writing, for the article, “Talking Trash,” that appeared in the spring 2008 issue.

**COM Selects Board Member**

Dr. Michael Luther, an NC State alumnus who serves as president of the David H. Murdock Research Institute in Kannapolis, joined the College of Management’s Board of Advisors.

Luther previously held senior positions at both Merck Frosst Centre in Montreal and GlaxoSmithKline. He earned a bachelor’s degree in biology and chemistry from NC State, an MBA, from Duke’s Fuqua School of Business and a doctorate in biochemistry from St. Louis University School of Medicine.

**Rizkalla Honored**

Dr. Sami H. Rizkalla, distinguished professor of civil engineering, has been named a fellow of the Precast/Prestressed Concrete Institute for his contributions to the industry and the institute. He will be recognized during the PCI convention in San Antonio, Texas, Sept. 12-15.

**Holst Wins Indy Arts Award**

Miles Holst of the Design Library staff has won an Indy Arts Award. Holst is featured in an Independent Weekly article: http://www.indyweek.com/gyrobase/Content?oid=oid%A258708

**Media Requests Compensation and Leave Data**

NC State has responded to two News & Observer requests for information regarding compensation for employees. The requests were made to General Administration and to all UNC universities; NC State responded on July 15.

The first request was for all compensation, including retreat packages, for deans and vice chancellors and above. The second was for all salary and leave-related information on every active NC State employee, including accrued annual leave, sick leave, comp time and bonus leave. Overtime paid from July 1, 2008, to June 30, 2008, was also included.

The state attorney general has ruled that the information is not protected by state or federal statute and must be released.

**In Memoriam**

Dr. Ralph Greenlaw, former head of the Department of History, died July 20 in his home at age 92.

Greenlaw took on administrative responsibilities when the Department of History became a separate unit in 1965. He was remembered as an officer, gentlemen and scholar. As an officer under Gen. George S. Patton, he saw action across Europe during World War II.

The Princeton graduate’s research field was the French Revolution. For many years, he taught Western Civilization I and II to 300 students per semester in Nelson Auditorium, while directing the department, which doubled its faculty before he retired.

Colleagues said he brought kindness, vision and gravitas to the department.


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**Bulletin**

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News Services
Campus Box 7504
Raleigh, NC 27695

Phone (919) 515-5863
E-mail bulletin@ncsu.edu
Web www.ncsu.edu/bulletin
Facebook: http://tinyurl.com/c2ewk9

Editors: David Hunt
D’Lyn Ford
It's a cloudy, humid Monday afternoon and Alma Buljina is busy in the basement of Alexander Residence Hall, preparing dinner for about 40 friends and acquaintances. And while most students would appreciate pizza or burgers, they're in for a treat of sorts tonight. Buljina cracks open a cardboard box and pulls out a vacuum-sealed pouch of rice. The main course, it turns out, is the same pre-packaged meal that feeds millions of malnourished families around the globe.

"Grab a bowl," she says, "and try some. Tell me what you think."

Buljina, a senior in psychology, helped organize the dinner as a fundraising event for Stop Hunger Now, the international hunger relief agency based in Raleigh.

Members of the NC State community will gather the first week of the fall semester – just a few weeks away – to package more than a million meals for school lunch feeding programs around the world. But organizers must first raise $250,000 to pay for the raw materials.

As hungry students begin showing up for dinner, the activity in the kitchen increases. A student volunteer adds slices of onion to a skillet filled with chunks of chicken breast while another volunteer scoops rice from a steamer into a big metal warming tray. Another student organizer, Matt Woodward, sits by the door, exchanging raffle tickets for a $3 donation in the provost’s budget for the Division of Undergraduate Academic Programs (DUAP), which supports 11 student programs, including advising, tutoring and First Year College.

A guest tastes the slightly tangy dish and wonders whether the students have come up with an exotic name for their recipe.

“Yes,” one of the volunteers says. “Chicken fried rice.”

Lauren Demanovich, a junior in sociology, finishes her bowl of rice at a nearby table.

“It tastes like Ramen noodles,” she offers. “It’s actually pretty good. I’m surprised.”

The university’s annual packaging event, which grew out of a community service initiative called Service NC State, now includes students from eight colleges in a week-long effort across four campuses. NC State kicks off the endeavor on Saturday, Aug. 22.

Organizers are urging students, faculty and staff to join the fundraising effort by hosting their own dinner party. For more information, contact Mike Giancola, director of the Center for Student Leadership, Ethics & Public Service, at 513-0235 or mike_giancola@ncsu.edu.
On July 20, 1969, millions watched in awe as American astronaut Neil Armstrong became the first person to set foot on the moon. The moon landing expanded mankind’s horizons and seemed to prove that anything was possible. It also inspired a new generation of scientists and engineers to consider the future of space research.

As the world marks the 40th anniversary of the landmark Apollo 11 mission, it is a good time to remember that NC State was a key contributor to the success of the moon landing. More than two dozen NC State graduates were involved in the “giant leap for mankind.”

The following is an article first published in the July/August 1969, issue of NC State’s Alumni News:

NCSU Men Help Put Man On The Moon

Key roles were played by 26 NC State University graduates in the successful voyage of man to the moon.

All employees of the National Aeronautics and Space Administration, the space workers hold positions at Kennedy Space Center in Florida, the Marshall Space Flight Center, Huntsville, Ala., the Manned Spacecraft Center in Houston, Texas, and the Goddard Space Flight Center, Greenbelt, Md.

The huge Saturn V rocket that lifted Apollo 11 from Earth was developed under the direction of the Marshall Flight Center. The Goddard Center operates the world-wide network that provided continuous and instantaneous two-way communications between the astronauts and Mission Control in Houston.

A variety of tasks were performed by the NC State graduates in contributing to this historic event – checking out the readiness of the spacecraft, scheduling astronaut activities during the flight, helping to plot the navigational course for the space flight – and a myriad of other important duties.

Of the 26, 21 are native North Carolinians.

Those working at the Kennedy Space Center are: E. Darrell Haynie, Swannanoa, aerospace technologist, class of 1952; Farley W. Stallard, Coeburn, Va., spacecraft operations engineer, class of 1968; Homer S. Brown, Rt. 3, Selma, aerospace technologist, class of 1959.


Working at the Marshall Space Flight Center in Huntsville are: Roy H. Martin Jr., Hendersonville, aerospace technologist, class of 1961; Donald D. Tomlin, Chattanooga, Tenn., aerospace engineer, class of 1959; Clynton T. Ratliff, Morven, senior staff engineer, class of 1951; Nick D. Foster, Wilkesboro, aerospace engineer, class of 1960; William V. Smoot, Winston-Salem, aerospace engineer, class of 1958; Everette E. Beam, Shelby, deputy chief, dynamics analysis branch, class of 1956; Robert G. Eudy, Rt. 2, Albemarle, assistant chief, engineering division astronautical laboratory, class of 1959.

Employed at the Goddard Space Flight Center are Carl O. Roberts Jr., Concord, chief, systems operations branch, class of 1955, and H. William Wood, Hamptonville, chief, manned flight operations division, class of 1955.