

# BULLETIN

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NC STATE UNIVERSITY

News for the North Carolina State University Community

## Facilities Division presented national award

NC State's Facilities Division has received the Award for Excellence in Facilities Management, the highest institutional honor bestowed by APPA, the organization that serves educational facilities professionals. APPA, formerly the Association of Physical Plant Administrators, is an international association dedicated to maintaining, protecting and promoting the quality of educational facilities. The organization repre-

sents more than 1,500 learning institutions.

The award was presented to NC State officials at APPA's annual awards banquet held Monday night, July 16, in Baltimore.

In presenting the recognition, APPA president Chris Ahoy, associate vice president for facilities at Iowa State University, said NC State's Facilities Division exemplifies

excellence in all of the areas necessary to achieve the award.

"NC State has an exceptional campus, not only in terms of its buildings and grounds, but inclusive of the entire staff of the facilities office," Ahoy said. "The NC State Facilities Division's goal is to be the provider of choice for all facilities needs for the NC State community. The division succeeds

in its desire to be aligned with its core values of integrity, commitment, accountability, respect, and excellence."

The APPA Award for Excellence is designed to recognize and promote excellence in the field of educational facilities. Established in 1988, the award provides educational institutions the opportunity for national and international recognition

SEE FACILITIES, PAGE 4

## Golf legend Arnold Palmer launches construction of Centennial course



Golfing legend Arnold Palmer blasts the ceremonial first tee shot at the official "groundbreaking" of the Lonnie Poole Golf Course on Centennial Campus July 9 as the course's namesake (far right) looks on. Palmer, Poole and former NC State golf standout Carl Pettersson, now a member of the PGA Tour, hit honorary shots to mark the start of construction on the 7,025-yard, par-71 course, which will be built by Palmer's design company. (Photo by Roger Winstead)

Golf legend Arnold Palmer teed off construction of the Lonnie Poole Golf Course on Centennial Campus July 9, hitting a ceremonial first shot before an invitation-only crowd on the course's future site.

The Palmer Course Design Company designed the 18-hole, 7,025-yard, par-71 public course, which will cover about 200 acres and offer several outstanding views of the Raleigh skyline.

"We will make something all of you will be proud of," said Palmer,

whose company has designed about 300 courses around the world.

Two NC State alumni – Erik Larsen, executive vice president of the company and a 1977 graduate, and Brandon Johnson, golf course architect for the firm and a 1997 graduate – will have primary responsibility for the project.

"They do a fantastic job," Palmer said of Larsen and Johnson, "and what they do here will startle you."

Joining Palmer in hitting ceremonial shots at the event were the course's

namesake, Lonnie Poole, and current PGA Tour player Carl Pettersson, a Wolfpack alumnus.

The Poole family donated \$3 million for the course's construction. The \$11.6 million golf course project is being funded entirely by private donations.

"This course will bring a broad range of benefits to NC State, our students and the community," said Chancellor James Oblinger. "The golf

SEE GOLF, PAGE 3

## BOT officers elected, new members sworn

At its July meeting, the NC State Board of Trustees elected a slate of officers and swore in its three newest members.

McQueen Campbell III, a commercial real estate broker from Raleigh, was chosen as chair. Campbell received his bachelor's degree in accounting from NC State in 1983.

Also named officers were Bob Jordan of Mount Gilead as first vice chair;



CAMPBELL

SEE BOT, PAGE 3

## N.C. consortium stays in running for DHS facility

A North Carolina consortium, organized in part by NC State, is on the Department of Homeland Security (DHS) short list to host the National Bio and Agro-Defense Facility (NBAF), a federal research center that will address national public and animal health interests.

The North Carolina Consortium for the NBAF – a partnership of universities, government agencies and private sector partners – joins consortia representing Texas-San Antonio, Georgia, Mississippi, and Kansas on the list. The DHS is managing the site selection process for two other federal agencies that will work with

SEE NBAF, PAGE 3

# Management receives \$2 million gift from BB&T

The College of Management has received a \$2 million contribution from BB&T to establish the BB&T Center for the Study of Free Markets and Institutions.

The funding will endow a BB&T Professorship of Free Markets and Institutions and a BB&T Graduate Fellowship in the college's Department of Economics. This will support research and the development of new undergraduate and graduate courses in the philosophical foundations of capitalism.

An annual debate and undergraduate essay contest will engage the broader university community and the general public in discourse on the topic. Results of research on markets and institutions and other activities led by the center will be made available to the public through

a new Web site and other communications.

"We find that many graduates of business schools, while understanding the technology of business, do not have a clear grasp of the moral principles underlying free markets," said John Allison IV, chairman and chief executive officer of BB&T Corporation.

"The new coursework, faculty research, and public discourse through the annual debate, essay contest and Web site will enable the college to take a leadership role in increasing awareness and understanding of the positive impacts of capitalism," said Ira R. Weiss, dean of the college. "We appreciate BB&T's commitment to education on this topic and to the NC State College of Management." ■

Now FEATURED AT NEWS.NCSU.EDU

## Welcome to Camp NC State



Summer camp isn't always about bonfires and roasted marshmallows, rustic cabins and mosquito bites. It can also be about photonics, ecology, robotics, creative writing, architecture and textiles, just to name a few.

Visit [news.ncsu.edu](http://news.ncsu.edu) for a photo gallery depicting the variety of camps held on campus and around the state through 4-H during the summer.

(Photo by Roger Winstead)

# Antón addresses SSN privacy issues before House subcommittee

Dr. Annie Antón, associate professor of computer science, testified at a congressional hearing held by the House Ways and Means subcommittee on Social Security on Thursday, June 21.

The subcommittee was examining the role that social security numbers (SSNs) play in identity theft, and the steps that can be taken to increase SSN privacy. The hearing examined how SSNs are currently used, what risks to individuals and businesses arise from their widespread use, and options to restrict their use in the public and private sectors.

Called as an expert witness, Antón testified on behalf of the U.S. Public Policy Committee of the Association for Computing Machinery (USACM) that

the theft of social security numbers has become the primary tool for stealing an individual's identity, enabling criminals to unlock access to credit, banking accounts, and other services.

Antón, an advisor to the Department of Homeland Security's Data Privacy and Integrity Advisory

Committee and a member of USACM, proposed policies that combine business procedures and information technology to help protect SSNs and reduce the nation's reliance on them for personal identification. She urged Congress to strengthen the privacy of SSNs to prevent the fraud that has become increasingly commonplace.

"Two key factors have enabled the explosion of identity theft in today's environment," Antón said. "One is the common use of SSNs as a de facto national identification number; the other is current computing technology that enables the collection, exchange, analysis, and use of personal information on a scale unprecedented in the history of civilization."

Speaking before the subcommittee, Antón urged banks, credit agencies and government agencies to require strong proof of identity, such as passports, military IDs, or licenses with a photograph to verify personal identity. "Once that is



Dr. Annie Antón testifies June 21 before a House Ways and Means subcommittee on social security regarding identity protection and privacy. (Photo from video feed).

established, a secondary authenticator, such as a secret shared password or PIN can be used for subsequent transactions. This approach provides extra layers of security, and should help assure the public that the security and privacy of their information is being taken

seriously," she said.

To provide an incentive to move away from the SSN as an identifier, Antón added that there should be no penalty or discrimination for someone who will not provide this information when conducting business, unless required by law to disclose it. She said this approach is consistent with advice from the U.S. Federal Trade Commission on protecting against identity theft.

Antón said that when paper records were used for personal information that included SSNs, they required some effort to find, copy, and disseminate, but the spread of inexpensive computing technology has made it much easier to find, use, and exploit such information for fraudulent purposes.

She also proposed prohibiting the display of SSNs in public records, and redacting them from these records. She offered several additional actions to reduce the use and exposure of SSNs:

- Requiring transmission of records

**"(One factor in the explosion of identity theft today) is current computing technology that enables the collection, exchange, analysis, and use of personal information on a scale unprecedented in the history of civilization."**

— DR. ANNIE ANTON,  
ASSOCIATE PROFESSOR OF COMPUTER SCIENCE

or documents containing SSNs and other personally identifiable information to be secure or encrypted

- Requiring electronic security for files and devices containing SSNs
- Eliminating SSNs as the primary key in databases, and substituting a unique number generated by the database management system.

Antón has achieved national recognition for her work on privacy and legal compliance in software-based information systems, homeland security, and her analyses of recent publicized security breaches. She serves on the U.S. Department of Homeland Security's data privacy and integrity advisory committee, and USACM's public policy executive committee. She also co-authored the USACM privacy principles.

Antón is also the founder and director of ThePrivacyPlace.org, a research group of students and faculty at NC State, Purdue University and Georgia Tech. She was named a National Science Foundation (NSF) Career Award winner in 2000 and a Computing Research Association Digital Government Fellow in 2002. She is a Senior Research Ethics Fellow for 2006-08 and a member of the NC State Cyber Defense Lab. ■

## BULLETIN

North Carolina State University  
Raleigh, North Carolina  
Dr. James Oblinger, Chancellor



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### Distribution to faculty and staff

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### Deadlines

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## BOT

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Suzanne Gordon of Cary as second vice chair; and Steve Warren of Greensboro as secretary.

Jordan is president of Jordan Lumber and Supply Inc., and served as lieutenant governor of North Carolina from 1984-88. Gordon is CIO and vice president of Information Technology for SAS, while Warren is managing partner of the Gateway Management Group.

The board also welcomed three new members to their ranks: Gayle Lanier and Barbara Mulkey of Raleigh and John Sall of Cary.

Lanier is vice president and general manager of Knowledge Services for Nortel Networks. She earned her bachelor's degree in industrial engineering from NC State in 1982.

Mulkey serves as president and chief executive officer of the company she began in 1993, Mulkey Engineers and Consultants. She received her bachelor's and master's degrees in civil engineering from NC State.

Sall is co-founder and executive vice president of the SAS Institute Inc. Sall studied graduate-level statistics at NC State and was awarded an honorary doctorate in 2003.

Mulkey and Sall were appointed to the board by the University of North Carolina Board of Governors, while Lanier was appointed by Gov. Mike Easley.

The NC State Board of Trustees comprises 13 members – eight are elected by the UNC Board of Governors, four are appointed by the governor, and one, an ex officio voting member, is the president of NC State's student body, a post now held by Bobby Mills, an economics and political science major. ■

## NBAF

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the DHS in the NBAF: the U.S. Department of Agriculture and the U.S. Department of Health and Human Services.

"The expected scientific, academic, economic, and public and animal health advances NBAF represents will be a boon to the state," said Warwick Arden, dean of the College of Veterinary Medicine (CVM). "We are pleased that North Carolina remains a potential location for the NBAF, and that the college has been able to contribute to and support the state's desire to attract the facility."

According to *DVM News Magazine*, the College of Veterinary Medicine is the only DVM program in the country to lead a consortium bid for the NBAF. The college, through the efforts of Drs. Barrett Slenning and Prema Arasu, developed the initial "statement of interest" to meet a March 2006 DHS deadline. Since then the college prepared and coordinated the requested support documentation, helped organize consortium partners, and assisted in the coordination of last June's site visit by DHS officials.

Plans call for the \$450 million, 520,000 square-foot NBAF to be an integrated human and animal disease research center with diagnostic, development, and testing capabilities designed to protect animal and public health against emerging zoonotic agents (diseases

shared between animals and humans) and foreign disease threats. Scientists and technicians would engage in research and development for diagnostic tests, therapies, vaccines, and other mitigation technologies.

In discussing the N.C. consortium's proposal, Arden said the state not only meets the criteria established by the DHS, but also possesses "unique leadership strengths" in the areas of biomedical, plant and animal agricultural enterprises, and premier science and technology parks.

Pertinent CVM expertise includes leadership gained through collaborative work with animal and public health organizations such as the Agriculture Disaster Research Institute, the Animal Biosecurity Risk Management Group, Food Animal Residue Avoidance Database (FARAD), the USDA Food Safety Research and Response Network, and various CVM biomedical and animal disease research projects, including the activities of the Center for Comparative Medicine and Translational Research.

The next step in the selection process involves the preparation of an Environmental Impact Statement. The statement will analyze a range of issues involved in constructing and operating the facility, and will include informational meetings in each community to solicit further public input. These activities are scheduled to conclude by October 2008, at which time DHS is expected to announce the final site selection.

For more information, visit the consortium's Web site, [www.ncc-nbaf.org](http://www.ncc-nbaf.org). ■

## NEWS BRIEFS

### Finalists for advancement VC to visit campus

Chancellor James Oblinger has announced the names of four finalists for the position of vice chancellor for university advancement. They are:

Nevin Kessler, associate dean for development and alumni relations in the Yale School of Management at Yale University;  
Rickey McCurry, vice chancellor for institutional advancement at Southern Illinois University-Carbondale;  
Barbara Miles, associate vice president for development at the University of Florida;  
Sarah West, interim associate dean for development and alumni relations for the Duke University School of Law.

McCurry made his campus visit on July 18. The remaining three candidates will make their visits over the course of the next week. Members of the NC State community will have an opportunity to meet the candidates in open sessions as follows:

- Kessler, Friday, July 20, 10:15-11:15 a.m.
- Miles, Tuesday, July 24, 10:45-11:45 a.m.
- West, Wednesday, July 25, 2-3 p.m.

All sessions will take place in the Winslow Hall Conference Room.

More information on the candidates, including their resumes, are available on the search Web site: [www.ncsu.edu/advancement/vcsearch/](http://www.ncsu.edu/advancement/vcsearch/).

### Houghteling to lead tech transfer office

Billy Houghteling is the new director of the Office of Technology Transfer (OTT). His appointment began July 1.

As director, Houghteling will oversee the patenting and licensing of all NC State inventions, promote the dissemination of intellectual property and university research, and foster local economic development.

Houghteling joined the OTT in 2002 as technology development associate, and has served as interim director since Oct. 1, 2006.

Houghteling brings 10 years of multi-disciplined experience in academic and industry research, contract development and negotiation, and general business management to the OTT. Previously, he served as a research scientist – also supporting business development and technology commercialization – for Biolex, Inc. a local NC State biotech startup company.

Houghteling earned a bachelor's degree in biology from Siena Heights University and a master's degree in plant molecular biology from Ball State University.

### Gould named mechanical/aerospace engineering head

Dr. Richard D. Gould has been named head of the Department of Mechanical and Aerospace Engineering, effective Aug. 16. Gould has served as interim head of the department since July 2004.

Gould joined the faculty in the College of Engineering at NC State in 1987 after completing his Ph.D. in mechanical engineering at Purdue University. He served as the associate director of the Applied Energy Research Laboratory in the Department of Mechanical and Aerospace Engineering from 1996 to 1999 and as director until 2004. He also served as director of Graduate Programs in the department from 2000 to 2004 and as interim associate dean of NC State's Graduate School in 2004 in a half-time capacity.

A specialist in thermal sciences, including recent research in electronics cooling, ethanol engine development and paper drying, Gould teaches courses in his specialty and was inducted into the NC State Academy of Outstanding Teachers in 2000-01. He is a member of the American Society of Mechanical Engineers, the American Institute of Aeronautics and Astronautics, the American Society for Engineering Education and Tau Beta Pi.

## Golf

CONTINUED FROM PAGE 1

course will support teaching and learning, research, economic development and recreation in many ways."

In addition to serving as a recreational amenity, the environmentally friendly course will enhance the academic and programmatic mission of the university, provide a critical research and teaching tool, serve as a living laboratory for the university's nationally recognized turfgrass program, provide a home for the university's PGA-sanctioned Professional Golf Management program and serve as a venue for the NC State golf teams.

The course is particularly important to the teaching of golf course professionals and will be a boost to the turfgrass program. The university is one of only 18 schools in the nation accredited by the PGA of America to offer a Bachelor of Science in professional golf management (PGM). PGM students learn how to combine the best practices for managing the business of golf with the best stewardship of natural resources. The turfgrass program is one of the largest and best known in the country.

Eventually, the facility will include a clubhouse and a 12,000-square-foot building that will house classrooms, working labs, meeting and conference rooms, and offices.

The course is slated to open in spring 2009. ■



Lonnie Poole (foreground left), Chancellor James Oblinger, BOT Chair McQueen Campbell III (background center), Arnold Palmer and Erik Larsen review site plans for the Lonnie Poole Golf Course on Centennial Campus during a tour of the site July 9. (Photo by Roger Winstead)

# Headen brings economist's perspective to health care dialogue

Racial and ethnic disparities in health care have persisted in the United States, even in the face of economic growth, says Alvin E. Headen Jr., associate professor of economics in the College of Management.

"Why do they persist, even with rises in income? What social and economic factors are contributing to this?" he asks. Such questions have helped to guide his research as an economist for more than two decades.

Most recently, Headen explored the topic with seven fellow researchers at a January 2007 session that he organized in conjunction with the National Economic Association meeting in Chicago. The title of their session was "Eliminating Racial and Ethnic Health Disparities: Twenty Years after the Initiative."

In the coming years, Headen will be part of two national health care discussions. He was recently appointed to the National Advisory Council on Minority Health and Health Disparities

(NACMHD), a part of the National Institutes of Health (NIH).

"I am particularly interested in guiding additional research toward a focus on two questions," Headen said. "First, how much progress has been made in reducing the persistent racial and ethnic disparities in health, and second what, if any, factors have contributed most to changes in health disparity?"

The NIH has typically focused on science-related research, he said. "It's important to have an economist involved now, because health outcomes depend on both medical sciences and practice, and on patient and provider choices in response to economic incentives." His term on the advisory council continues through February 2010.

Headen is also participating in "Cost-over-Care Health Delivery," a project that is promoting a national dialogue on the need for an outcome-focused, patient-value approach to health delivery.

The "Cost-over-Care" dialogue is being led by Dr. Louis Sullivan, former secretary of the U.S. Department of Health and Human Services (HHS). The campaign is sponsored by Pfizer Inc., and includes several health-related organizations as partners.

Both activities are well aligned with Headen's career, which has centered on the economics of health care and particularly health care for minorities. Prior to



Dr. Alvin Headen, associate professor of economics, was recently named to a National Institutes of Health advisory council. (Contributed photo)

joining the College of Management, Headen held economist positions with Blue Cross/Blue Shield and the American Medical Association.

"My concern is that most of the cost containment in government programs is borne disproportionately on the most vulnerable population groups – the elderly and minorities, those receiving Medicaid and Medicare," he said.

"The elderly present a particularly complex problem, with economic and cultural components. For example, a lot of their care had been provided by informal caregivers, typically the women in their families, and this is still where most of the care for the elderly is provided. But as market conditions change, it is getting more costly for women to stay at home. This is creating complicated situations

for the family and for public policy, and as more and more baby boomers move into this age group, there will be increasing strains on the social resources.

"The current policy that focuses primarily on the cost of care is out of balance," he said. "We should be focusing on the value of medical care. If you ran a business and only cared about cutting costs, eventually you will lose business because of lower quality," he said.

One of Headen's recent research papers explores whether Medicaid's preferred drug lists affect the use of cholesterol-reducing statin drugs for all Medicaid patients equally or if they disproportionately impact patients who are being treated by doctors prescribing in poor or minority neighborhoods.

The preferred drug lists are intended to reduce health care costs. While physicians can obtain prior approval to prescribe medications that are not on the preferred lists, it appears that they don't always do so because of the additional time cost for the physician, Headen said.

The researchers found that in certain states, the prescription of these medications adhered closely to Medicaid-imposed restrictions in poorer or more ethnically diverse neighborhoods. This could imply that there is a greater change in physicians' prescribing practice, fewer patients receive the restricted medication by prior authorization, and more patients experience a disruption in their medication regime and resulting consequences, he said. The authors had shown in previous research that physicians treating a large share of Medicaid patients tend to practice in neighborhoods dominated by ethnic minorities.

The full study, along with related studies by other researchers, was published in a 2006 *PharmacoEconomics* supplement edition on "Prescription for Problems: Unintended Consequences of Access Restrictions in Government Funded Healthcare." ■

## CALENDAR

### July-Aug.

#### 24 Tuesday

##### "Shaun of the Dead"

Campus Cinema, 8 p.m., free

#### 26 Thursday

##### "Shaun of the Dead"

Campus Cinema, 8 p.m., free

#### 31 Tuesday

##### "Norbit"

Campus Cinema, 8 p.m., free

#### 2 Thursday

##### Summer Undergraduate Research Symposium

Students conducting research on campus this summer will present their work, 1-5 p.m., McKimmon Center

##### "Norbit"

Campus Cinema, 8 p.m., free

#### 22 Wednesday

##### Classes Begin

First day of classes for Fall Semester

#### 24 Friday

##### Men's Soccer (Exhibition)

Wolfpack vs. UCLA, 4 p.m., Method Road Soccer Complex

## Calendar Submissions

NC State-sponsored events are published in the calendar. Submissions should state the time, date, place, sponsor and title of event, the name of the speaker and his or her affiliation, the admission cost and the name and telephone number of the contact person.

Send items to [bulletin@ncsu.edu](mailto:bulletin@ncsu.edu). You may also mail items to **Calendar Editor, NC State News Services, Box 7504**, or fax to **515-2556**. The deadline is noon, Tuesday, 10 days before the publication date. For the Aug. 24 calendar, the deadline is Aug. 14.

## Facilities

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for their achievements in facilities management. The award is designed to highlight the essential role of facilities operations in the overall institutional mission and vision.

Award for Excellence nominees are judged based on a comprehensive evaluation program that rates institutions in the following areas: leadership; strategic and operational planning; customer focus; information and analysis; development and management of human resources; process management; and performance results. An evaluation team visits institutions that are selected as finalists and winners are announced each July. The Award for Excellence designation is valid for a five-year period.

NC State is just the second school in the 16-campus University of North Carolina system and the third institution in the state to receive the Award for Excel-

lence. East Carolina University was honored in 1999, and Duke University was honored in 2000.

Kevin MacNaughton, associate vice chancellor for facilities operations at NC State, said the APPA Award for Excellence represents the fruit of labors that were initiated more than six years ago to improve the efficiency and excellence of the entire facilities division.

"Having seen other university facilities organizations in my previous positions, I knew when I returned to NC State in 2005 that we were clearly a top-tier organization," MacNaughton said. "In many ways this acknowledgment is just a stop on a journey that started in 2001 when my predecessor, Charlie Leffler, instituted the 'Team Excellence' concept within the division. We used the APPA criteria to further hone our weak spots and were then successful in achieving this international honor.

"Every member of our organization should take personal pride in our achievement because it was only at-

tained through the efforts of the entire team. Now, the Facilities Division journey will continue as we strive to be even better."

The "Team Excellence" program began on March 14, 2001, with the goals of improving communication among staff and customers, providing better customer service and making the Facilities Division the best possible place to work. Facilities employees held idea generation workshops, shared ideas, and suggested a number of ways to best achieve the program's goals.

The 800-plus Facilities Division employees at NC State provide design, construction, maintenance and operations services for the 2,200-acre main campus, as well as more than 106,000 acres of research and extension land across the state. Facilities employees maintain more than 13.5 million gross square feet of space in more than 700 campus buildings and another 1 million gross square feet of space in more than 400 buildings around the state. ■