

BULLETIN

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NC STATE UNIVERSITY

News for the North Carolina State University Community

Five to receive honorary degrees

Chair of American Red Cross to give fall commencement address



McELVEEN-HUNTER

Bonnie McElveen-Hunter, CEO and owner of Pace Communications, and current chairman of the American Red Cross, will deliver the address at fall commencement, which will take place on Wednesday, Dec. 20, beginning at 9 a.m. at the RBC Center.

A former U.S. Ambassador to Finland, McElveen-Hunter has led several initiatives, including The Helsinki Women Business Leaders Summit (2002); Stop Child Trafficking: End Mod-

ern-Day Slavery (2003); and Children of Karelia. For her efforts and services, the president of Finland awarded her the Commander Grand Cross of the Order of the Lion – one of that country's highest honors.

In addition to her appointment with the American Red Cross, she has also served as a member of the International Board of Directors of Habitat for

SEE GRADUATION, PAGE 3

BOT to mull tuition, fee increases

At its meeting Nov. 16-17, NC State's Board of Trustees will consider a \$230 increase in tuition and a \$104 increase in undergraduate fees for the 2007-08 academic year.

An Administrative Advisory Committee on Tuition, comprised of a broad membership of administrators, faculty and students, recommended to Chancellor James Oblinger a campus-initiated tuition increase of 6.5 percent for all campus categories of NC State students.

The committee reached its decision while following guidelines established in October by the University of North Carolina Board of Governors. Among other stipulations, the board's guidelines state that combined tuition and fee rates should remain within the bottom quarter of each campus' public peers, and that the maximum annual increase in tuition and fees for undergraduate students should be 6.5 percent.

NC State meets the peer criteria, as only three of NC State's public peers rank below NC State in cost pending their own tuition and fee increases for next year. The median tuition rate is roughly \$7,500, compared to NC State's projected 2007-08 total of \$5,117.

The Administrative Advisory Committee on Tuition recommended that the university's proposed tuition increase be used as follows:

- To hold financially needy students harmless with respect to the increase in tuition, allocating approximately 37.7 percent of revenues;
- To hold the Graduate Student Support Plan harmless, approximately 9.4 percent of revenues;

SEE TUITION, PAGE 3

GROWING RESEARCH



U.S. Sen. Richard Burr, left, visits the NCSU Phytotron, one of the nation's leading facilities for controlled-environment research, along with the facility's director, Dr. Judith Thomas. Burr made a campus tour to become familiar with some of the research being done at NC State that is funded by the federal government. Burr was also on hand to present a Congressional Award Silver Medal to NC State senior Steven MacEachern for outstanding volunteer service. (Photo by Ayo Adeyeye)

UNC-GA completes comparative benefits study

The University of North Carolina's General Administration recently conducted a survey that compared the employee benefits of its 16 campuses to those of each institution's designated "peer" universities. NC State's benefits were compared to its 16 peer universities, which include schools such as Virginia Tech, Cornell and Ohio State.

"It is important to see where we

stand compared to our peer institutions," says Barbara Carroll, associate vice chancellor for human resources. "I believe that we should also be transparent about the university's position and its challenges when it comes to salaries and benefits."

According to the survey, many of NC State's peer intuitions offered more choices of health plans. The average

number of plan options offered was 6.76. The state of North Carolina offers four different plans (an indemnity plan and three PPO options).

The survey examined costs for dependent healthcare and found that the faculty and staff of UNC institutions, including NC State, must contribute more,

SEE BENEFITS, PAGE 4

Cohen visit to highlight Shelton Forum

William S. Cohen, former U.S. Secretary of Defense and chairman and CEO of The Cohen Group, will headline the fifth annual General Henry Hugh Shelton Leadership Forum, scheduled for Friday, Nov. 17, from 8:45 a.m. to 3 p.m. at the McKimmon Center.



COHEN

The forum, titled "Leadership From the Top: Shaping the Organizational Culture," will also include the forum's namesake, retired Army Gen. Hugh Shelton; Suzanne M. Burns, vice president and general manager of Eaton Corporation; and Stephen P. Zelnak, chairman of the board of directors and CEO of Martin Marietta Materials Inc.

Cohen will give the keynote address at 1:45 p.m.; Burns and Zelnak will speak at the opening session at 8:45 a.m. The event will also include a concurrent breakout session and a luncheon.

Cost of the forum is \$159, and pre-registration is encouraged. For more information or to register, visit www.ncsu.edu/sheltonleadership or call 515-2261.

Cohen is the chairman and CEO of The Cohen Group, a business consulting firm based in Washington, D.C. He served as the 20th U.S. secretary of defense, from 1997-2001, where he oversaw the largest organization in the United States with a

SEE SHELTON, PAGE 4

Grant of \$1.6M will fund 'green chemistry' research

An NC State researcher has been named a Finland Distinguished Professor, opening the door to academic exchange and research partnerships with that country.

Dr. Dimitris Argyropoulos, professor of chemistry in the College of Natural Resources' wood and paper science department, received the professorship and a \$1.6 million grant to create research partnerships with Finnish institutions in the fields of bio-energy and biomass.

The research partnerships will focus

on green chemistry – finding novel, environmentally friendly ways of processing wood and producing not just paper, but other products, such as biofuels, chemicals and even plastics.

"We're focusing on limiting the



ARGYROPOULOS

amount of waste and environmental impact that comes from processing wood and increasing the variety of products from it," Argyropoulos says. "Finland is a world leader in this industry, so partnering with their scientists makes a lot of sense."

The goal of the Finland Distinguished Professor Program (FiDiPro) is to raise the level of scientific knowledge in Finland by supporting research institutes and creating international cooperation.

The grant is funded by the Academy of Finland and Tekes, and participating

institutions include the Biotech Institute of Finland, Helsinki University of Technology, the University of Helsinki, and the Pulp and Paper Research Institute of Finland. The Department of Chemistry at the University of Helsinki will act as the host institution to Argyropoulos.

"This partnership will give us increased opportunities for student and faculty exchanges with not only the University of Helsinki's chemistry department, but also Finnish industry," says Dr. Bob Brown, dean of the College of Natural Resources. ■

Solar House celebrates 25 years

On Nov. 3, NC State's Solar House marked its 25th anniversary with a special ceremony that included addresses by U.S. Rep. Brad Miller and Dr. Louis Martin-Vega, dean of the College of Engineering.

The Solar House was dedicated and opened to the public in 1981. Part of the NC Solar Center, it is one of the most visible and visited solar buildings in the United States, drawing more than 250,000 people from around the world in the past two decades.

Solar House serves as the educational and demonstration showcase for solar and energy-efficient technologies at the NC Solar Center. A living laboratory for solar research, Solar House has been the focus of numerous graduate student theses and dissertations. The Solar House combines passive solar design, solar thermal and solar electric technologies to achieve dramatic energy savings, demonstrated by its annual \$70 heating bill. The Solar House grounds also include demonstrations of other green building materials and techniques,

a working wind turbine, a fuel cell and biodiesel production equipment.

Operated by the College of Engineering and funded in part by the State Energy Office of the N.C. Department of Administration, the NC Solar Center works to advance the use of renewable energy resources to ensure a sustainable economy that protects our natural environment, encourages energy independence, and lowers energy costs for consumers. The center provides technical support, K-12 education programs, training programs and policy support to citizens, businesses and policymakers.

The center has also been involved in dozens of technical research projects throughout the state, including photovoltaic projects at various high schools, Catawba College and the Center for Environmental Farming Systems, solar thermal projects at Camp Lejeune and DOT rest areas, combined heat and power projects at Fort Bragg and wind projects at the NC Maritime Museum's Cape Lookout field station and for the National Park Service. ■

Chiang receives \$700K grant to develop biofuel resources

Dr. Vincent Chiang, professor of forest biotechnology, has received a \$700,000 grant funded jointly by the U.S. Department of Energy (DOE) and the U.S. Department of Agriculture (USDA) to develop woody biomass "feedstock" that can be easily converted into ethanol.

Chiang hopes that the grant will enable him and his team to discover the genes that control wood production in trees, leading the way to producing trees with greater amounts of cellulose and hemicelluloses that can be extracted more efficiently.

Cellulose and hemicelluloses are sugar polymers that can be converted into simple sugars, such as glucose, and then fermented to become ethanol. Collectively, cellulose and hemicelluloses are called polysaccharides. Wood is a great source of these polysaccharides – the substances comprise approximately 70 percent of wood's weight.

Extracting polysaccharides from wood or from any plant biomass is difficult because they are contained within lignin, a polymer that "glues" polysaccharides together to form

wood. The lignin needs to be broken down with the use of acids or other environmentally harmful substances, which makes extracting the polysaccharides challenging.

"We have engineered trees with less lignin, and as a result we know that those trees are very useful for ethanol production," Chiang says. "Now we're interested in looking not just at genes that control lignin production, but at the genes that regulate how polysaccharides are made in wood."

To do that, Chiang is working with the eastern cottonwood, the only tree species with a sequenced genome. He wants to isolate the genes that regulate the manufacture of the three major components of wood: lignin, cellulose, and hemicelluloses. "We want to understand at the genome level what controls the synthesis of the three major components of wood," Chiang says. "If we can find the regulators that tell a tree to make more of one component and less of another, then we can engineer trees that are enriched with polysaccharides – a perfect feedstock for ethanol production." ■

BULLETIN

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



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www.ncsu.edu/BulletinOnline/

Paleontologist earns Packard fellowship

Dr. Mary Schweitzer, assistant professor of paleontology with a joint appointment at the N.C. Museum of Natural Sciences, has been awarded a five-year, \$625,000 fellowship from the David and Lucile Packard Foundation.

Schweitzer was one of 20 researchers nationwide to receive Packard Foundation fellowships this year. The Packard Foundation administers one of the nation's largest non-governmental programs of unrestricted grants to faculty members in science and engineering.

Schweitzer, whose discovery of soft tissue in fossilized dinosaur bone was cited by *Discover* magazine as the sixth most important science story of 2005, will use the grant to further her research into the biogeochemical interactions that lead to fossil preservation. ■

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Preparing Tomorrow's BioPharma Leaders



BioPharma is a new and growing industry that merges biotechnology and pharmaceuticals. With annual revenues exceeding \$40 billion and providing \$2 trillion in gross national product, BioPharma is a major factor in the economy. To address this important industry's need for leaders that understand the convergence of life sciences and business, NC State has established the BioPharma Management Initiative. (Pill photo courtesy of Stock.XCHNG; DNA photos courtesy of ©iStockphoto.com/Adam Korzekwa; staff illustration)

Week of Nov. 13 dedicated to advancement of education

International focus on cross-cultural education

NC State will hold its seventh annual International Education Week from Nov. 13-17. Designed to highlight the importance of international and cross-cultural education, International Education Week kicks off with a welcome reception from 3-5 p.m. Monday, Nov. 13, in Brooks Hall.

Some of the events planned for the week include:

• **International Film Festival:**

Films include *Born Into Brothels* (Nov. 13 at 6 p.m. in D.H. Hill's Erdahl-Cloyd Theater); *Acusada* (Nov. 16 at 7 p.m. in Witherspoon Cinema); *The Motorcycle Diaries* (Nov. 17 at 7 p.m. in Caldwell Hall, Room G-107); and the 2006 Oscar-winning *Tsotsi* (Nov. 17 at 7 p.m., Nov. 18 at 9 p.m. and Nov. 19 at 7 p.m. in Witherspoon Cinema).

• **Third Annual Passport Fair:**

Tuesday, Nov. 14, from 2-5 p.m. in Caldwell Lounge. A State Department representative will be on hand to accept applications. Information from the Study Abroad Office and Peace Corps will also be on display.

• **Cross-cultural diversity simulation exercise:** Thursday, Nov. 16, from 8:30-11 a.m. in the Talley Student



Chancellor James Oblinger, center, introduces Provost Larry Neilsen, left, to Weifang Min, executive vice president of Peking University, prior to a luncheon at the Dorothy and Roy Park Alumni Center on Nov. 2. NC State recently reached an academic agreement with Peking University – one of the top-ranked universities in China – and five other leading Chinese institutions that will build long-term bases for NC State student and faculty international experiences, as well as codify degree programs for Chinese students. (Photo by Roger Winstead)

Center's Walnut Room.

• **International Tea/Coffee:** Thursday, Nov. 16, from 4-5:30 p.m. in Caldwell Lounge. Sponsored by the School of Public and International Affairs and the Office of International Services.

• **NC State and Universidad de**

Universidad de

Chancellor James Oblinger will confer associate, bachelor's, master's, doctoral and doctor of veterinary medicine degrees during the ceremony.

He also will confer honorary degrees on McElveen-Hunter; Dr. Roscoe R. Braham, Jr., professor emeritus at the University of Chicago and noted cloud physicist, meteorologist and educator; Dr. Lynn Margulis, distinguished university professor at the University of Massachusetts, Amherst; Roger Milliken, chairman of Milliken & Company, the 141-year old textile and chemical product company headquartered in Spartanburg, S.C.; and Dr. Rex M. Nettleford vice chancellor emeritus at the University of the West Indies, Jamaica, and a well-known Caribbean scholar, trade union educator, social and cultural historian and political analyst. ■

• **Concepcion (Chile) Agreement Sign-**

ing: Friday, Nov. 17, from 4:30-5 p.m. in the Chancellor's Conference Room, Holladay Hall.

For more information, e-mail Aranzazu Lascrain or visit the Web at www.ncsu.edu/oia. ■

Author visit to headline domestic celebration

Pat Mora, an award-winning author of poetry, nonfiction and children's books, will headline American Education Week, Nov. 13-17, for the College of Education.

Mora will lead a class discussion for elementary education students, present a book reading and signing for faculty, staff and area educators, and hold a public book signing during the week.

In addition to writing dozens of books, Mora founded the family literacy initiative, *El día de los niños/El día de los libros*, Children's Day/Book Day, observed each April 30, which is now housed at the American Library Association. The day links children to books, languages and cultures.

"We are honored to have Pat Mora here on campus to help us celebrate American Education Week," Dean Kathryn Moore said. "The week is truly an occasion to champion education throughout the United States. Pat has served as an inspiration to millions through her advocacy and tireless efforts to promote the joy found in reading."

Mora has taught in the University of New Mexico, served as a museum director and was a consultant for youth exchanges between the United States and Mexico. She has received numerous awards for her writings, which include "Tomas and the Library Lady," "The Night the Moon Fell," "The Song of Francis and the Animals," and "House of Houses," a memoir. A native of El Paso, Texas, Mora has a particular interest in the border culture of the American Southwest and her Latina heritage.

In addition to Mora, the College of Education will have departmental information displays throughout the week in Poe Hall, an information table and "podcast" recording on the Brickyard, a donor showcase tour of the William and Ida Friday Institute for Educational Innovation, the inaugural presentation of the Friday Medal, departmental open houses, lunches and T-shirt fund raisers for student organizations and "Dessert with the Dean." A full schedule can be found online at www.ced.ncsu.edu.

A highlight of the week will be the inaugural presentation ceremony for the Friday Medal, which was created to honor significant, distinguished and enduring contributions to education for the people of North Carolina and beyond through advancing education, advocating innovation and imparting inspiration. Celebrating the achievements of Bill and Ida Friday, the medal will be given annually to those who best exemplify the vision, mission, ideals and goals of the Friday Institute.

Sponsored by the National Education Association (NEA), the theme for American Education Week is "Great Public Schools: A Basic Right and Our Responsibility." ■

Graduation

CONTINUED FROM PAGE 1

Humanity, chaired the Alexis de Tocqueville Society, is the founder of the \$1 billion Women's Leadership Initiative and served on the United Way of America board as a member of its National Leadership Council.

Recognized as a successful entrepreneur and owner of one of the largest private custom publishing companies in the nation, McElveen-Hunter is the recipient of numerous business awards including, Woman Entrepreneur of the Year from the National Foundation for Women Legislatures; the National Athena Award for business and civic contributions from the U.S. Chamber of Commerce; and the Outstanding Business Leader Award from Northwood

Tuition

CONTINUED FROM PAGE 1

• To provide funding for the Pack Promise, approximately 7 percent of revenues;

• To improve the quality and accessibility of the NC State educational experience, approximately 20.9 percent of revenues;

• To provide salary incentives for exceptional faculty who are involved primarily in teaching and academic matters, 25 percent of revenues.

A separate university Fees Review Committee recommended to the chancellor fee increases totaling \$79 for undergraduates. The chancellor accepted those recommendations with the exception of indebtedness fees for Thompson Theatre and intercollegiate athletics. Instead of fee increases of \$4 and \$20 in those areas, respectively, the chancellor has proposed to the Board of Trustees increases of \$8 and \$41.

In proposing the higher fee level, the chancellor noted that significant momentum had been built for these entities through private donor support, and it was important to continue that positive momentum in order to see the projects through to completion.

In its guidelines, the UNC Board of Governors state that fees required for debt service are in addition to the maximum percentage increase. ■

❄️ Chancellor James L. Oblinger ❄️ and Dr. Diana G. Oblinger

*cordially invite all NC State University
faculty and staff members
to a Holiday Open House
at the Chancellor's Residence*

❄️ 1903 Hillsborough St. ❄️
11 a.m. to 1 p.m.
Thursday, Dec. 21

Conquering fitness - and fear

Faculty member wins regional in first competition, advances to national fitness championships

NC State employees and graduate students get quite a workout in Leigh Ann Yeager's Wednesday step aerobics class, but it's nothing compared with the workout she's put herself through this year.

Last February, Yeager, fitness coordinator for Campus Recreation and a member of the physical education faculty, began preparing for her first fitness competition, the National Physique Committee Mountaineer XXV Bodybuilding, Figure, and Fitness Championships, held Sept. 23 in Boone.

Her efforts paid off when she won first place for fitness short class, and won the overall fitness title in the competition. This weekend, she will compete in the NPC National Bodybuilding and Fitness Championships in Miami.

"I didn't anticipate a win right out of the gate," Yeager said. "And I definitely didn't expect to go to a national competition so soon, but - nerves aside - I'm elated to have worked so hard and come so far this year."

Yeager said she had dreamed of competing for several years, but fear always got in the way.

"I put off my dream because I feared failure," she said. "I was overwhelmed by the diet, and intimidated by the phy-

siques of the other competitors.

"Last year, a friend of mine decided to try out bodybuilding, and as I watched her transform, I realized that you don't have to be a genetic anomaly to compete - you just have to work hard and be totally committed to your goal. After watching her win her first title, I knew that it was time to start practicing what I, as a fitness professional, preach

"I knew that it was time to start practicing what I, as a fitness professional, preach every day: 'Work hard, eat right, achieve your goals.'"

— LEIGH ANN YEAGER,
FITNESS COORDINATOR FOR CAMPUS RECREATION
AND FACULTY MEMBER IN PHYSICAL EDUCATION

every day: 'Work hard, eat right, achieve your goals.'"

Yeager began working with Amy Huber, a pro fitness competitor in Durham, and Mike Davies, a nationally recognized trainer, to prepare for the competition.

"Amy helped create a workout plan for me, and Mike

dictated my cardio workouts and my diet," Yeager said. "I trained and dieted for 30 weeks to prepare for the regional competition."

Jen Hendershott, 2005 Ms. Fitness Olympia, choreographed Yeager's two-minute competition routine. Competitors are required to perform several mandatory moves - one-arm pushup, press holds, side splits, high kicks, straddle split - in combination with dance and other elements.

"It's a chance for the competitor to show her personality and entertain the audience," Yeager said. "The theme for



Leigh Ann Yeager, fitness coordinator for Campus Recreation and a member of the physical education faculty, works out in preparation for a national fitness contest this weekend. (Contributed photo)

my routine is 'Old School,' so I enter the stage in a giant Afro wig and perform to 80s rap music - definitely entertaining!"

Whether or not her routine leads to a national title this weekend, Yeager feels she has already won the most important prize.

"The preparation for this contest has not only brought about physical changes, but has changed my outlook on life," she said. "Regardless of what your dream is, you shouldn't avoid it because you fear failure - never realizing your potential is a worse fate." ■

Benefits

CONTINUED FROM PAGE 1

and the employer contributes less, than their peers. However, the state of North Carolina is among about a dozen states that provide individual health coverage at no cost to the employee, and it is among the lowest states in terms of total cost of healthcare.

Carroll noted that it is difficult to evaluate the true relative "value" of healthcare plans, because of the wide variety in plan designs, premiums, deductibles, coverage levels and types, regional price differentials, and utilization differences.

Improving the UNC system's dependent health coverage would be an expensive task, according to the survey. The estimated cost to provide even a \$100 per month subsidy for employees enrolled in family coverage and those enrolled in employee/children coverage under the Comprehensive Major Medical Plan (CMMP) would be \$12.3 million per year.

The survey also compared NC

State's retirement benefits to those of its peers. One key difference with NC State's retirement plan is that many other universities with which it competes for faculty and nationally-recruited professional staff allow immediate vesting in their optional retirement plans (ORP). Under state law, NC State has a five-year vesting period.

"It is a real competitive disadvantage for the university to have a five-year vesting period," Carroll says. "If someone is weighing a job offer from NC State and an offer from Cornell, where they can be immediately vested, then that would be a huge factor in their decision. This is especially true if the person is on a tenure track and not sure if they are going to it make through the third year review."

At retirement, the total value of the benefit that NC State's employees receive is comparable to the average from its peer institutions. The difference is that NC State's employees are contributing more and the employer is contributing less to get to that point.

The President's Advisory Committee on Efficiency and Effectiveness (PACE), commissioned by Erskine

Bowles, president of the University of North Carolina system, is looking at various issues, including human resources, and examining the barriers for the system to be as efficient and effective as possible.

One of the biggest barriers to changing the university's benefits, Carroll suggested, is that the university is closely linked with the state and thus treated like any other state agency.

Carroll, who served on the PACE human resources committee, says the group is attempting to make the case to UNC's general administration that it is time to look at the university differently from the state because of its competitive environment.

"Our diagnosis of the problems and some recommendations have gone forward to the PACE committee and it is my hope that they will see some merit in what we are talking about and find some creative new ways to be able to address the problem," Carroll says. "I think there is a lot of support in the university system that we as the employer might do more if we could, but we can't under the current state health plan and retirement plan." ■

Shelton

CONTINUED FROM PAGE 1

budget of \$300 billion and 3 million military and civilian personnel. Under Cohen's leadership, the U.S. military conducted the largest air warfare campaign (Bosnia/Kosovo) since World War II and conducted military operations on every continent.

Burns is the vice president and general manager for Eaton Corporation's global power quality business serving healthcare, IT and telephony markets. She was nominated to *The Wall Street Journal's* 2005 Top 50 Women to Watch, and named International Executive of the Year by Women in International Trade.

Zelnak is the chairman of the board of directors and CEO of Martin Marietta Materials, Inc. In 1994, Martin Marietta became a publicly traded corporation listed on the New York Stock Exchange, with Zelnak as president and CEO. He was elected chairman of the board in 1997. ■

University unveils campus environmental assessment

NC State recently unveiled the first comprehensive Campus Environmental Sustainability Assessment. The document was presented to the Board of Trustees and accepted by the provost on Earth Day 2006.

Under the guidance of the Campus Environmental Sustainability Team (CEST), six individuals took on the two-year long task of researching, compiling and analyzing sustainability at the university through nine broad topics. These areas include: buildings, community and culture, curriculum and research, energy, land use, materials management, transportation, waste reduction and recycling and water. The Waste Reduction and Recycling (WRR) office headed up this detailed process.

"It was a long-term project because we wanted to be as thorough and methodical as possible," says Lindsay Batchelor, environmental program manager with WRR. "Creating the first ever campuswide assessment, we took the time to get a process in place which will help us guarantee that future assessments can be easily produced and comparable, ensuring that campus progress towards sustainability can be easily tracked."

The assessment found that NC State is excelling in several areas which include having:

- A strong commitment to environmental sustainability throughout the Campus Master Plan

- A well established and supported waste reduction plan

- A dedicated commitment to reduce water consumption

- Three undergraduate majors, three undergraduate minors and two graduate majors in environmental fields

Opportunities for improvement were also identified including:

- Development of a centralized environmental resource on campus

- Hiring a full-time sustainability coordinator for NC State

- Reduction of overall utility usage through education and monitoring

- Expansion of sustainable development on campus including "green building," "open space" and "green space"

"The important thing is that we keep up momentum," said Jack Colby, assistant vice chancellor for facilities operations. To reach this goal, Colby is working with members of CEST to develop working groups, which will take on the recommendations set forth by the assessment. "Now that we have a framework and benchmarking for measurement we can move forward with a plan of action to make these recommendations a reality."

Questions regarding the assessment can be directed to Batchelor at 515-9883. ■

BULLETIN BOARD

Campus Cinema to screen film directed by alumnus

NC State Campus Cinema will be screening the Sony Pictures film "Lies and Alibis," co-directed by College of Design alumnus Matt Checkowski, on Wednesday, Nov. 15, at 6:30 p.m. The film, about an alibi service for cheating spouses, stars Steve Coogan, Rebecca Romijn, Selma Blair, James Brolin, John Leguizamo, and James Marsden.

Checkowski, who received his Bachelor of Graphic Design in 1998, will introduce the film and will hold a question-and-answer session immediately following the screening. The screening is free and open to the public, but seating is limited. Contact Campus Cinema for ticket information.

Nominations sought for Bowers Medal

ARTS NC STATE seeks nominations for the 2007 Bowers Medal of Art. The Bowers Medal of Arts was established to recognize and celebrate the vital role that Henry Bowers has played in the development of and support for the visual and performing arts. Any person, organization or corporation may be nominated for the award. Nominees will be expected to demonstrate a deep and profound commitment to the value of the arts at NC State and within the larger community. The nomination may be based on a single effort or concerted efforts by an individual, organization or corporation over a period of time. Nominations should consist of a letter of no more than two single-spaced pages, and should be submitted to Amy Boisselle at Campus Box 7306 or amy_boisselle@ncsu.edu by Friday, Dec. 1. For more information, call 513-3802.

Activities planned for Native American Heritage Month

November is Native American Heritage Month, and NC State is celebrating with the theme "Native Americans: Strong and Colorful Threads in the American Fabric." Among the activities planned are a "dream catcher workshop," a cultural feast and celebration, and a discussion about the federal requirements to "officially" claim Native American ancestry. For a complete list of events, visit www.ncsu.edu/diversity/pdf/NativeAmericanHeritageMonthCelebration2006.pdf.

EDUCATIONAL REVIEW



Erskine Bowles, left, president of the University of North Carolina system, Kathryn Moore, center, dean of NC State's College of Education, and Chancellor James Oblinger view Discovery Classroom monitors in the Friday Institute during a recent tour of the facility. During his visit, Bowles met with future teachers, learned about the college's outreach efforts and witnessed a demonstration of cutting-edge classroom technology. (Photo by Lee Kennedy)

NSF grant will fund network that links herbarium to world

Herbaria in the Southeast house several million plant specimens that can provide information about plant migrations and plant diseases. Scientists can use this information to understand how plants are distributed around the world.

Now, information about regional plants – including the 128,000 plant species in NC State's Herbarium – is going to be more accessible, thanks to funding from the National Science Foundation (NSF).

The five-year, \$498,000 project – called the SouthEast Regional Network of Expertise and Collections (SERNEC) – will network the herbaria in the Southeast to make the information of 150 southeastern herbaria available on the World Wide Web for use by students and scientists.

Herbaria are collections of dried plant specimens, mounted and arranged

for reference use and taxonomic study. NC State's Herbarium was founded in 1898 and is the third-largest collection in North Carolina and second oldest among collections of more than 100,000 specimens. The herbarium is maintained by the Department of Plant Biology with funding from the North Carolina Cooperative Extension Service and the North Carolina Agricultural Research Service, and is curated by Alexander Krings, who also serves as a member of the SERNEC steering committee. Throughout its history, NC State's Herbarium has been used to provide extension services to the citizens of North Carolina, to conduct plant taxonomic research and to train the next generation of researchers.

In the context of increasing development pressures and habitat changes around the world, the need to deepen our understanding of plant resources is perhaps larger than ever, Krings says. ■

NC State start-up looks to turn 'lights out' on flu, other viruses

Imagine if killing flu viruses and other microbes were as simple as turning on a light.

Exposing a unique surface coating to light may in fact hold the key to protecting you from virtually all viruses and bacteria, including the feared avian flu.

Laboratory testing of a novel, permanent nano-coating, developed

in collaboration by researchers in the College of Textiles and Emory University's School of Medicine, has been shown to kill or inactivate most viruses and bacteria when exposed to visible light. Early tests have shown that the coating kills 99.9 percent of influenza viruses and 99.99 percent of vaccinia virus, which causes rash, fever, head and body aches.

The coating technology was developed by Dr. Stephen Michielsen, associate professor in the College of Textiles, and Drs. Igor Stojiljkovic and Gordon Churchward, associate professors at Emory University's School of Medicine in Atlanta.

NC State has applied for a patent on the invention, which has been licensed to Research Triangle Park-based start-up

LaamScience, Inc. The company – whose name stands for Light Activated Anti Microbials – has raised more than \$400,000 in seed financing from North Carolina angel investors that will enable it to optimize the coating and begin developing product prototypes.

Prototypes will be used in performance trials targeting hospital areas including waiting rooms. ■

Faculty and Staff Notes

Of Note

Dr. David Beasley, biological and agricultural engineering, has been named a Fellow of the American Society of Agricultural and Biological Engineers. He was honored for pioneering work in water quality modeling and erosion control and leadership in academic program modernization, assessment and accreditation.

Dr. John Brake, poultry science, has been named a Fellow of the Poultry Science Association. Brake is known for his expertise in broiler breeder and hatchery management as well as poultry reproductive and environmental management.

Dr. Gregg Dean, clinical pathology, has been named director of NC State's Center for Comparative Medicine and Translational Research. The goal of the center is to enhance collaborative, interdisciplinary approaches for the comparative study of animal and human diseases.

Dr. Phil Doerr, forestry and environmental resources, recently received the "2006 Student Chapter Advisor of the Year" award at The Wildlife Society's annual meeting in Anchorage, Alaska.



DOERR

Dr. Joseph Hightower, North Carolina Cooperative Fish and Wildlife Research Unit, has received the Excellence in Fisheries Education Award from the American Fisheries Society. The award recognizes excellence in teaching and advising in fisheries education.

Dr. Russell King, industrial and systems engineering, has been named director of the Furniture Manufacturing and Management Center. King has been an NC State faculty member since 1985.

Dr. David F. Ollis, chemical and biomolecular engineering, has been named the 22nd recipient of the R.J. Reynolds Tobacco Company Award for Excellence in Teaching, Research and Extension. The award honors a member of the engineering faculty



OLLIS

who has demonstrated superiority in several areas of activity that relate to the university's three-fold mission of teaching, research and extension. The recipient is given a \$25,000 prize distributed over five years.

Dr. Susan Osborne, curriculum, instruction and counselor education, recently received the 2006 NCSU Libraries Faculty Award, which is presented annually to an NC State faculty member in recognition of outstanding contributions that support the libraries' mission and role within the university.



OSBORNE

Dr. Joan Pennell, social work, recently served as a respondent at the research roundtable of the 2006 National Youth Permanency Convening, hosted by the Annie E. Casey Foundation/Casey Family Services in Washington, D.C.

Dr. Sami Rizkalla, civil, construction and environmental engineering, has been chosen to receive a lifetime achievement award from the International Institute for FRP in Construction (IIFC). The award will be presented in December. He also is co-author of a paper that was named "Best Paper on the Use of Materials" at the 2006 international conference of Structural Faults & Repair.



RIZKALLA

Dr. David Shafer, Graduate School, recently participated in a national training workshop for chapter officers of The Honor Society of Phi Kappa Phi.

Dr. John Strenkowski, engineering, has been named associate dean for research and graduate programs in the college. Strenkowski, a professor of mechanical and aerospace engineering, had served as assistant dean for research for the past six years. He joined the NC State faculty in 1978.

Dr. David Winwood, technology development and innovation, has been elected treasurer of the Association of University Research Parks for 2007.

Dr. James Zuiches, extension, engagement and economic development, has been appointed to a three-year term on the National Agricultural Research, Extension, Education, and Economics Advisory Boards.



ZUICHES

In Print

Dr. Sarah Ash, food science, **Dr. Jackie McClelland**, family and consumer sciences, and **Dr. Roger Mitchell**,

psychology, have garnered the "Lawrence W. Green Paper of the Year" award, which is given to the best work published in the journal *Health Education and Behavior*.

Dr. Dharendra Kumar, Industrial Extension Service, has published "Six Sigma Best Practices: A Guide to Business Process Excellence for Diverse Industries."

Patrick Rand, architecture, has co-authored a new book, "Materials for Design." He will speak about the book on Monday, Nov. 13, at 6 p.m. in Bostian Hall Auditorium.



Dr. Richard Spontak, chemical and biomolecular engineering, served as a guest editor of the October 2006 MRS Bulletin on "Membranes for Hydrogen Purification." He also co-authored an article titled "Membranes for Hydrogen Purification: An Important Step toward a Hydrogen-Based Economy."

Will Temple, graphic design, wrote a design review of "The Couch: Thinking in Repose," an exhibition at the Freud Museum in Vienna, in the current issue of *Eye* magazine.



TEMPLE

Speaking Of ...

Katrin Baker, University Honors Program, will present "Honors Village Fellows: A Partnership Between the University Honors Program and University Housing at NC State University" at the National Collegiate Honors Council annual meeting in Philadelphia this week. Baker and **Jim Whitaker**, University Housing, recently made a pair of presentations at the biennial conference of Living-Learning Programs and Residential Colleges.

Dr. Allen DuPont and **Pam Steinke**, Office of Assessment, recently made presentations at the Indiana University-Purdue University Indianapolis Assessment Institute. DuPont co-presented a session titled "Understanding the Context of General Education Assessment: One Size Does Not Fit All." Steinke co-presented a session titled "Using Problem-Solving Protocols for Assessment."

Vita Plume, art and design, chaired a session titled "Breaking Technological Boundaries: Conversations and Collaborations" at the Textile of America Conference. She also presented a paper at the panel on "Collaboration Through Academia into Industry."

Howell named to external affairs post

Kevin Howell, lobbyist for Gov. Mike Easley, has been named assistant to the chancellor for external affairs at NC State, effective Dec. 1. Chancellor James Oblinger announced the appointment. Howell has served in the governor's office for the last six years, representing the executive branch on issues in the state legislature.

"I'm pleased to have Kevin Howell join NC State," Oblinger said. "He is well known for his leadership and integrity. As a former student body president and NC State graduate, he knows the university and the state, and he will be a strong advocate for us."

In addition to other duties, Howell will serve as an executive officer of NC State and represent universitywide interests and priorities to various entities within North Carolina.

Before joining the governor's office, Howell served as deputy legislative counsel for Gov. James B. Hunt Jr. He also served as director of governmental affairs for the North Carolina Bar Association.

Howell is a member of NC State's Board of Visitors, Alumni Association Board of Directors and the African-American Community Advisory Council. In 2004, he was named one of the state's top 10 lobbyists by the North Carolina Center for Public Policy Research.

Howell earned his law degree from the University of North Carolina at Chapel Hill. He and his wife Aleta have two daughters. ■

Brown-Graham chosen to lead Emerging Issues

The Institute for Emerging Issues (IEI), a "think-and-do" tank at NC State, announces the appointment of Anita Brown-Graham as director.

Brown-Graham brings to IEI extensive experience in working with communities and leaders across North Carolina on local and statewide economic development issues. In particular, her work with government officials for 12 years at UNC-Chapel Hill's School of Government and her tenure in 2001 as a policy advisor to N.C. Department of Commerce Secretary Jim Fain and Gov. Mike Easley, give her a unique perspective on the economic development and public policy issues central to the work of IEI.

Brown-Graham's scholarly work includes teaching and publishing as Professor of Public Law and Government at UNC-Chapel Hill's School of Government and adjunct professor at UNC-Chapel Hill's School of Law.

Brown-Graham will begin her work as director on Jan. 1. ■

NC State is new home to national academic advisors organization

The National Association of Academic Advisors for Athletics (N4A) has established permanent headquarters on the campus of NC State at the newly renovated Case Athletics Center.

In addition, the N4A has named NC State graduate and Raleigh-area resident Jane Moore to become the organization's first permanent executive director. Moore graduated from NC State in 1995 with a bachelor's degree in political science.

"To have the national office here is

important for us," said Phil Moses, the director of NC State's Academic Support Program and a past president of the N4A. "And to get someone of Jane's stature and skill is really icing on the cake."

Established in 1975, the N4A is a non-profit organization that has previously relied on part-time directors and a large base of volunteers, with executive officers who serve one- and two-year terms. The organization conducts five annual regional conferences and a national convention each year to bring its

members together to discuss ongoing issues in the field of academic advising for athletes at two- and four-year colleges.

The N4A has approximately 800 members in five regions across the country. The membership includes advisors and counselors from college campuses, tutorial coordinators, life skill coordinators, compliance coordinators, psychologists, faculty members and faculty athletics representatives, athletics administrators and high school guidance

counselors.

The organization chose NC State as the host of the national office because of the university's dedication to N4A's mission of personal and academic development for student-athletes. Both Moses and Demetrius Marlowe, NC State's academic coordinator for the Academic Support Program for Student Athletes, have served as president of the organization. Carrie Leger, the assistant director of academic support, is the current Region II representative. ■

Obituaries

James "Jimmy" A. Weathers Jr., former internal audit manager, died June 28. He was 89.

Born in Carthage, Weathers earned his bachelor's degree in industrial management from NC State in 1938. He was employed by the N.C. State Department of Public Instruction, the N.C. State Auditor's Office and NC State University, where he retired as an internal audit manager in 1978.

Weathers is survived by his daughter, Joyce; a brother, William; and two grandchildren.

Memorials may be made to the church or charity of one's choice or to Hospice of the Upstate of Anderson, S.C.

Ruth Sparks Boone, an employee in the Department of Philosophy and Religion for 34 years, died July 17. She was 87.

Boone is survived by her husband, Joseph; daughter, Peggy; sister, Carolyn; brother, John; one granddaughter; three step-grandchildren; and 10 great-grandchildren.

Memorial contributions may be made to the American Cancer Society, 11 South Boylan Ave., Raleigh, NC 27603, or to the charity of one's choice.

Sharyn "Sherry" Long Baker, former university employee, died July 18. She was 59.

Baker is survived by her husband, James; daughter, Amanda; and two brothers, Dan and Keith.

Carl Edward Grad Jr., an instructor in the College of Engineering, died July 21. He was 55.

Grad earned his bachelor's and master's degrees in computer science from NC State and Northwestern.

He is survived by his wife, Tina.

Bobby D. Kernodle, who worked in the NC State Research Farm field laboratories, died July 21. He was 39.

Kernodle is survived by his wife, Tina; two daughters; and father, John.

William Edward Smith, a faculty member in the Department of Physical Education and Parks, Recreation and Tourism Management for 30 years, died July 21. He was 88.

Smith earned his bachelor's degree from Western Carolina, his master's degree from the University of North Carolina at Chapel Hill, and his doctorate from Vanderbilt University.

He was an officer in the U.S. Navy for

20 years and a veteran of World War II.

He is survived by a son, David; a daughter, Lynn; two grandchildren; and three great-grandchildren.

Memorial contributions may be made to The Church of the Good Shepherd, Heartland Hospice or the charity of one's choice.

Mary Warwick Wade, former university employee, died July 30. She was 76.

Surviving are her husband, Don; daughter, Donna; son, Bob; and five grandchildren.

Memorial contributions may be made to Garner United Methodist Church, P.O. Box 2179, Garner, NC 27529 or Hospice of Wake County, 1300 St. Mary's Street, Raleigh, NC 27605.

Walter Glenn Andrews Sr., former district agricultural agent, died Aug. 7. He was 89.

Andrews was a veteran of the U.S. Army.

He is survived by three sons, Glenn, Adolphus and Al; two brothers, Frank and Tom; two sisters, Marie and Nancy; and four grandchildren; and one great-grandchild.

Memorial contributions may be made to Mount Olive Baptist Church Cemetery Fund, 5043 Mount Olive Church Road, Pittsboro, NC 27312.

Josephine Dennis Crenshaw, a 27-year employee in the Department of Plant Pathology, died Aug. 18. She was 87.

A native of Timmonsville, S.C., Crenshaw attended King Business School.

She is survived by two sons, David and Dennis; and six grandchildren.

Thurston Jefferson Mann, former head of the Department of Genetics, died Sept. 15. He was 86.

A native of Lake Landing, Mann was a 1941 graduate of NC State. He also earned his master's from NC State and went on to earn his Ph.D. from Cornell University.

Mann served in the U.S. Navy as a lieutenant during World War II, participating in the North Africa Invasion, the Invasion of Sicily and the Invasion of Normandy. Upon his return from military service, he became an assistant professor of agronomy at NC State. Mann later served as a professor of crop science and head of the genetics department before retiring from the university after more than 40 years of teaching.

Mann is survived by his wife, Lela;

three sons, Jeff, Ray and Richard; two brothers, William and Walter; a sister, Ella Gunn; and three grandchildren.

Memorial donations may be made to the Amity United Method Church, Att: The Friends of Amity, 72 Beckwith Lane, Engelhard, NC 27824.

Patricia Rampy Dalton, instructor in the College of Education, died Sept. 24. She was 58.

Born in Great Lakes, Ill., Dalton earned degrees from Wake Forest University and Southern Baptist Theological Seminary. She was a clinical instructor in the middle grades education program at NC State.

Memorial donations may be sent to the Pat Dalton Fund of Carolina Friends School, 4809 Friends School Road, Durham, NC 27705, or to the NC State University College of Education, Pat Dalton Memorial Fund, Campus Box 7801, Raleigh, NC 27695-7801.

Ray Smith, former executive secretary of the Pulp and Paper Foundation, died Oct. 4. He was 87.

A native of Delaware, N.J., Smith graduated from NC State with a bachelor's degree in agriculture in 1941. After graduating, he served in the U.S. Army.

Smith spent 20 years as the executive secretary of the Pulp and Paper Foundation at NC State. Upon his retirement in 1984, he was honored with the establishment of the Ray Smith Endowment Scholarship Fund.

Surviving are Smith's wife, Lucille; two daughters, Pat and Beverly; a son, Rusty; a sister, Helen; and five grandchildren.

Memorial contributions may be made to Tabernacle Baptist Church, Radio Ministry, 8304 Leesville Road., Raleigh, NC 27613, or the Ray Smith Endowment Scholarship at the School of Pulp and Paper at NC State, Raleigh, NC 27695 or Hospice of Wake County, 1300 Saint Mary's Street, 4th Floor, Raleigh, NC 27605.

Jerry Robert Schneider, former facilities manager, died Oct. 3. He was 50.

A native of Delaware, Schneider was a U.S. Air Force veteran.

He is survived by his wife, Sandra; a son, Jimmy; his parents, Robert and Shirley; a brother, Joel; a sister, Kristen; a step-son, Brad; two stepdaughters, Shannon and Krista; and one grandchild.

Memorials may be made to the American Heart Association, Mid-Atlantic Affiliate, P.O. Box 5216, Glen Allen, Va., 23058.

Ronald Alan Feimster, former clinical professor in the emergency department at the College of Veterinary Medicine, died Oct. 12. He was 39.

Feimster graduated from NC State in 1989 and went on to earn his doctorate of veterinary medicine from NC State in 1994.

He is survived by his wife, Liana; his parents, Betty Smyth and Norris Feimster; a brother, Scott; his maternal grandmother, Nora; his stepmother, Carol Feimster; and three stepsisters, Karen, Janet and Kathy.

Memorial donations may be made to the Christian Veterinary Mission.

Carolyn Grace Pritchett Rekau, former administrative assistant for the dean of the poultry science department, died Oct. 22. She was 71.

Born in Fuquay Springs, Rekau graduated with honors from Hardbarger's Business College.

Rekau is survived by her husband, Richard; and son, Ryan.

Memorials may be made to any hospice service, lung cancer society, the Democratic Party or democratic candidate of one's choice.

Marvin Jerrell Black, former employee in the university press department, died Oct. 18. He was 73.

A native of Coptia County, Miss., Black served in the U.S. Navy as a Petty Officer First Class during the Korean War.

He is survived by his wife, Helen; two daughters, Linda and Sara; a son, John; a sister, Betty; five grandchildren; and one great-grandchild.

Memorial contributions may be made to the American Diabetes Association, 1701 North Beauregard Street, Alexandria, Va., 22311.

Thelma Louise "Nancy" Matthews Jeffreys, a 40-year employee of the University Bookstore, died Oct. 20. She was 88.

Surviving are son, Eugene; daughter, Betsy; six grandchildren; five great-grandchildren; three sisters, Florence, Ruth and Mary; and a brother, Harold.

Memorial contributions may be made to the National Multiple Sclerosis Society, 3101 Industrial Drive, Suite 210, Raleigh, NC 27609.

10 Friday**Microbiology Seminar**

Leo T. Parks Lecture, Dr. Patrick P. Dennis, National Science Foundation, 1 p.m., JC Raulston Arboretum

Statistics Seminar

"The Odd Couple Revisited: Variable Selection for Grouped Predictors with OSCAR and FELICS," Dr. Howard Bondell, NC State, 3:35 p.m., 206 Cox Hall

Volleyball Match

Wolfpack vs. Georgia Tech, 7 p.m., Reynolds Coliseum

Men's Basketball Game

Wolfpack vs. Wofford College, 7 p.m., RBC Center

11 Saturday**Volleyball Match**

Wolfpack vs. Clemson University, 6 p.m., Reynolds Coliseum

Music@NC State Concert

Mbira Masters with Paul Berliner, 8 p.m., Talley Student Center Ballroom, tickets \$5-\$10, visit <http://ticketcentral.ncsu.edu> or call 515-1100

12 Sunday**Music@NC State Concert**

Raleigh Civic Symphony, 4 p.m., Stewart Theatre, tickets \$10, call 515-1100 or visit <http://ticketcentral.ncsu.edu>

13 Monday**Entomology Seminar**

"Sirex Wood Wasp: A Potential Threat to the Southern Conifer Ecosystem," Vic Mastro, USDA Animal and Plant Health Inspection Service, 11:15 a.m., 2405 Williams Hall

Genetics Seminar

"Dissecting the Genetic Pathways That Regulate Inflorescence and Leaf Development in Maize," Dr. Sarah Hake, University of California-Berkeley, 1:30 p.m., 2405 Williams Hall

Physics Colloquium

"Neutron-Burst Nucleosynthesis and Implications for Stellar Evolution and Formation of the Solar System," Dr. Bradley Meyer, Clemson University, 4 p.m., 206 Cox Hall

14 Tuesday**Ag/Resource Economics Seminar**

"Probabilistic Models of Yield, Price, and Revenue Risks for Fed Cattle Production," Eric Belasco, NC State, 3:40 p.m., 4210 Nelson Hall

Toxicology Seminar

"Studies on the Mechanisms of Arsenic Carcinogenesis," Mike Waalkes, National

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 **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 Dec. 1 calendar, the deadline is Nov. 21.

For more information about *Bulletin* submission policies, go to the *Bulletin Online* at:

<http://www.ncsu.edu/BulletinOnline/>.

Institute of Environmental Health Sciences, 3:50 p.m., 2104 Toxicology Building

15 Wednesday**Music@NC State Concert**

Jazz Ensemble II, 7 p.m., Talley Student Center Ballroom, tickets \$10, visit <http://ticketcentral.ncsu.edu> or call 515-1100

16 Thursday**Microbiology Seminar**

"Unusual Pathways for Energy-Conservation in Methanogenic Archaea," Dr. Greg Ferry, Penn State University, 11 a.m., 2104 Toxicology Building

Biochemistry Seminar

"Penicillin-Binding Protein 2 from *N. gonorrhoeae* and its Role in Gonococcal Resistance to Beta-Lactam Antibiotics," Dr. Chris Davies, Medical University of South Carolina, 4 p.m., 128-A Polk Hall

17 Friday**Architecture Lecture**

"Too Far? Too Soon? Too Fast? A Maximum Potential Perspective," Pliny Fisk III, Center for Maximum Potential Building Systems, 5:30 p.m., 212-A Boston Hall

Women's Basketball Game

Wolfpack vs. University of North Carolina-Wilmington, 6 p.m., RBC Center

Music@NC State Concert

Fall Choral Collage, 7 p.m., Talley Student Center Ballroom, tickets \$10, visit <http://ticketcentral.ncsu.edu> or call 515-1100

Volleyball Match

Wolfpack vs. Florida State University, 7 p.m., Reynolds Coliseum

Dance Program Event

Fall Concert, 8 p.m., Stewart Theatre, tickets \$10, call 515-1100 or visit <http://ticketcentral.ncsu.edu>

Men's Basketball Game

Wolfpack vs. Delaware State University, 8 p.m., RBC Center

18 Saturday**Rifle Match**

Wolfpack vs. West Virginia University, all day, Wake County Range, Holly Springs

Craft Fair

22nd Annual Holiday Crafts Fair & Sale, 10 a.m.-5 p.m., The Crafts Center. Admission is \$1 per person or \$2 per family; free to NC State students with ID

Volleyball Match

Wolfpack vs. University of Miami, 6 p.m., Reynolds Coliseum

Dance Program Event

Fall Concert, 8 p.m., Stewart Theatre, tickets \$10, call 515-1100 or visit <http://ticketcentral.ncsu.edu>

19 Sunday**Music@NC State Concert**

Raleigh Civic Chamber Orchestra, 4 p.m., Stewart Theatre, tickets \$10, visit <http://ticketcentral.ncsu.edu> or call 515-1100

20 Monday**Behavioral Biology/Entomology Seminar**

"Order in Chaos: Communication and Cooperation in Ant Societies," Dr. Bert

Hoelldobler, Arizona State University, 9 a.m., 101 David Clark Labs

Genetics Seminar

"Selection in Metapopulations," Dr. Michael Whitlock, University of British Columbia, 1:30 p.m., 2405 Williams Hall

Horticultural Science Seminar

"Genome Database for Roseaseae," Dr. Doreen Main, Washington State University, 3 p.m., 159 Kilgore Hall

Toxicology Seminar

"Autocrine/Paracrine Signaling Pathways as Drug Targets in Prostate Cancer," Dr. Christopher Gregory, Voyager Pharmaceutical Corp., 3:50 p.m., 2104 Toxicology Building

Physics Colloquium

"Inspiral, Merger and Ring-Down of Equal-Mass Black-Hole Binaries," Dr. Gregory Cook, Wake Forest University, 4 p.m., 206 Cox Hall

21 Tuesday**Toxicology Seminar**

"Nod2 is a Negative Regulator of IL-1 Signaling by Inhibiting Activation of TAK1," Jae Young Kim, and "Mechanistic Evaluation of the Developmental Toxicity of Nitrogen Oxides," Bethany Reeves, NC State, 3:50 p.m., 2104 Toxicology Building

Men's Basketball Game

Wolfpack vs. Valparaiso University, 7 p.m., RBC Center

23 Thursday**University Holiday**

Most university offices closed in observance of Thanksgiving

24 Friday**University Holiday**

Most university offices closed in observance of Thanksgiving

Men's Basketball Game

Wolfpack vs. Gardner-Webb University, 7 p.m., RBC Center

25 Saturday**Football Game**

Wolfpack vs. East Carolina University, TBA, Carter-Finley Stadium

26 Sunday**Center Stage Event**

Kidstuff Series, "Henry and Mudge," 3 p.m., Stewart Theatre, tickets \$6.50, visit <http://ticketcentral.ncsu.edu> or call 515-1100

27 Monday**Entomology Seminar**

"Cadmium Dynamics in Aquatic Insects: Physiological and Phylogenetic Patterns," Dr. David Buchwalter, NC State, 11:15 a.m., 2405 Williams Hall

Horticultural Science Seminar

"Golden LEAF Foundation Successes and Future Directions," Ted Lord, Golden LEAF Foundation, 3 p.m., 159 Kilgore Hall

Architecture Lecture

"Horizon 3," Gilles Saucier, Saucier + Perrotte, 6 p.m., Boston Hall Auditorium

Men's Basketball Game

Wolfpack vs. University of Michigan in ACC/Big 10 Challenge, 7 p.m., RBC Center

28 Tuesday**Toxicology Seminar**

"Protein Acetylation and HDACs in Signaling and Disease," Dr. Tso-Pang Yao, Duke University Medical Center, 3:50 p.m., 2104 Toxicology Building

29 Wednesday**Soil Science Seminar**

"Effects of Phosphorus and its Sources on Subsoil Acidity in Eastern North Carolina Soils," Ruth McDaniel, NC State, 3:40 p.m., 2215 Williams Hall

Women's Basketball Game

Wolfpack vs. University of South Carolina, 7 p.m., Reynolds Coliseum

30 Thursday**Philosophy Seminar**

"Total Nomic Roles, Embodied Cognition, and the Demise of the Functionalist Paradigm," Dr. Ronald Endicott, NC State, 3 p.m., 122 Winston Hall

Biochemistry Seminar

Dr. Patrick McLaughlin, NC State, 4 p.m., 128-A Polk Hall

Music@NC State Concert

Wind Ensemble, 7 p.m., Stewart Theatre, tickets \$10, call 515-1100 or visit <http://ticketcentral.ncsu.edu>

1 Friday**Music@NC State Concert**

Ladies In Red, 7 p.m., Talley Student Center Ballroom, tickets \$10, visit <http://ticketcentral.ncsu.edu> or call 515-1100

"Jacob Marley's Christmas Carol"

Presented by Actors Comedy Lab, 8 p.m., Thompson Theatre, tickets \$15, visit <http://ticketcentral.ncsu.edu> or call 515-1100

Ongoing**Campus Cinema**

Movies are \$1.50 for students and \$2.50 for the public unless otherwise noted:

- "John Tucker Must Die," Nov. 10 and 11, 9 p.m.; Nov. 12, 7 p.m.
- "Wordplay," Nov. 10, 7 p.m.; Nov. 12, 9 p.m.
- "Milagros: Made in Mexico," Nov. 11, 7 p.m., free
- "Acosada (De Piel De Vibora)," Nov. 16, 7 p.m., free
- "Tsotsi," Nov. 17 and 19, 7 p.m.; Nov. 18, 9 p.m., free
- "Clerks II," Nov. 16, 17 and 19, 9 p.m.; Nov. 18, 7 p.m.
- "Idlewild," Nov. 30, 7 p.m.; Dec. 1, 9:30 p.m.
- "The Illusionist," Nov. 30, 9:30 p.m.; Dec. 1, 7 p.m.

College of Design Exhibit

"Study Abroad Programs," through Nov. 27, Brooks Hall Gallery

Gallery of Art & Design Exhibits

"Sid Oakley - Artist, Mentor, Friend," and "Resplendent Reds - 19th Century Turkmen Textiles," through Dec. 21, Gallery of Art & Design

University Theatre Performance

"Bourbon at the Border," Nov. 10-11, 8 p.m., Thompson Theatre, tickets \$14-\$16, <http://ticketcentral.ncsu.edu> or call 515-1100

Pulitzer Prize-winner Marlette to visit campus

Pulitzer Prize-winning editorial cartoonist and author Doug Marlette will deliver a speech and sign copies of his books during a campus visit today at 3 p.m. in Thompson Theatre.

The event, which is free and open to the public, will be held in conjunction with University Theatre's presentation of *Bourbon at the Border*. The play and Marlette's new novel, *Magic Time*, have

a common civil rights theme based on the Freedom Summer of 1964.

Born and raised in North Carolina, Marlette began drawing political cartoons for *The Charlotte Observer* in 1972. He has also worked for the *Atlanta Journal-Constitution* and *Newsday*, among others. His editorial cartoons and his comic strip, *Kudzu*, are syndicated in newspapers worldwide. He was awarded the

Pulitzer Prize for editorial cartooning in 1988.

In late 2001, he published his first novel, *The Bridge*, which was selected as "Best Book of the Year for Fiction" in 2002 by the Southeast Booksellers Association, and one of the best books of the past five years by BookSense. Film rights to the book were purchased by Paramount Pictures for a film adaptation. ■