

BULLETIN

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www.ncsu.edu/BulletinOnline/

NC STATE UNIVERSITY

News for the North Carolina State University Community

Five earn University Awards for Excellence

Five NC State employees have been chosen as campuswide winners in the University Awards for Excellence program.

Winners were recognized for their outstanding contributions in the areas of state government service, innovations, public service, safety and heroism, and human relations.

The five 2007 University Awards for Excellence recipients were:

- Elizabeth Deakle, secretary, Air Force ROTC;
- Nancy Hutchinson, nurse practitioner, Student Health Services;
- Kathleen Moritz; administrative secretary, Chancellor's Office;



DEAKLE



HUTCHINSON



MORITZ



TURNER



YOW

- Ann Turner, customer service representative, Financial Services Division;
- Kay Yow, head women's basketball coach, Athletics.

The winners were selected from a field of 46 nominees recognized by their

peers for their service to their respective university units. The 46 unit winners received \$250 checks and eight hours of paid time off. The five campuswide winners received an additional \$250 and eight hours of paid time off. ■

Capsules on winners, complete list of college/unit recipients, page 3

NCSU leaders visit China

Leaders from NC State and Research Triangle Park returned this week from China, where they worked to continue building relationships and partnerships.

The delegation met with numerous Chinese university and business leaders, NC State students who are currently studying in China, and Chinese students who will soon be attending NC State.

Terri Lomax, dean of the Graduate School, wrote in the official trip blog that the visit "opened many doors and reaffirmed relationships. We look forward to the new opportunities and continued friendships ahead."

The group also met with Chinese

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Chancellor James Oblinger makes a presentation on Monday, May 28, at Tsinghua University Science Park, touted by many as the "Silicon Valley of China." Oblinger, other NC State leaders and a delegation from the Research Triangle Park met with Chinese academic and business leaders to continue building relationships and partnership opportunities. (Contributed photo)

Mayday 23: World's population now more urban than rural

There was no big countdown billboard or sign in Times Square to denote it, but Wednesday, May 23, represented a major demographic shift, according to scientists from NC State and the University of Georgia: For the first time in human history, the earth's population became more urban than rural.

Working with United Nations estimates that predict the world will be 51.3 percent urban by 2010, the researchers projected the May 23 transition day

based on the average daily rural and urban population increases from 2005 to 2010. On that day, a predicted global urban population of 3,303,992,253 exceeded that of 3,303,866,404 rural people.

Though the date is highly symbolic, the researchers – Dr. Ron Wimberley, Distinguished Professor of Sociology at NC State; Dr. Libby Morris, director of the Institute of Higher Education at the University of Georgia; and Dr. Gregory Fulkeron, a sociologist at NC State – advise avoiding the urge to interpret this

demographic transition to mean that the urban population has greater importance than the rural.

Urban and rural populations, they say, rely heavily on each other.

Cities refine and process rural goods for urban and rural consumers. But if either cities or rural areas had to sustain themselves without the other, Wimberley says, few would bet on the cities.

"As long as cities exist, they will

SEE URBAN, PAGE 2

UNC System opens distance ed portal

Prospective college students in North Carolina and beyond have a new tool for taking advantage of online educational opportunities. The University of North Carolina Online was launched on Thursday, June 7.

UNC Online aggregates the online course offerings of all 16 institutions in the UNC System and allows users to customize their online program or course search. Once they've narrowed the field to, for example, an online engineering degree, all application and registration processes are carried out directly with the College of Engineering's engineering online director. Individual course registrations are managed directly by DELTA, NC State's distance education unit.

"This is a great way to leverage our course offerings and reputation," said Kay Zimmerman, DELTA associate vice provost for marketing and partnership development. "DELTA is one of the oldest and most experienced distance education systems in the state."

Zimmerman, who was project manager for the UNC System initiative, added that DELTA enrollment grew by more than 27 percent last year.

"President (Erskine) Bowles initiated the idea for UNC Online as a way to reach students nationally and internationally with the broad range of courses offered at the 16 institutions," Zimmerman said. "The vision is for UNC Online to be a

SEE PORTAL, PAGE 2

Six faculty members granted NSF Career Awards

Six NC State faculty members have received National Science Foundation (NSF) Faculty Early Career Development (Career) Awards. The NSF Career Award is one of the highest honors given by NSF to young university faculty in science and engineering, and is intended to advance the development of their research and careers.

- Dr. Karen Daniels, assistant professor of physics in the College of Physical and Mathematical Sciences, has received a five-year, \$505,036 grant for her proposal titled, "State Variables in Dense Granular Materials."
- Dr. W. Rhett Davis, assistant professor of electrical engineering in the

College of Engineering, has received a five-year, \$409,643 grant for his proposal titled, "Design Methodologies for Three-Dimensional Integrated Circuits."

- Dr. Lin He, assistant professor of chemistry in the College of Physical and Mathematical Sciences, has received a five-year, \$590,000 grant for her proposal titled, "Amplification by Polymerization in DNA Biosensing."
- Dr. Paul Maggard, assistant professor of chemistry in the College of Physical and Mathematical Sciences, has received a 5-year, \$500,000 grant for his proposal titled, "Synthesis of Multifunctional Hybrids of Reduced Rhenates and Related Systems."

- Dr. Robert Rose, assistant professor of molecular and structural biochemistry in the College of Agricultural and Life Sciences, has received a 5-year, \$770,000 grant for his proposal titled, "Structural Studies of Basic-helix-loop-helix and Homeodomain Interactions that Elicit Cell-specific Gene Expression."

- Dr. Hao Helen Zhang, assistant professor of statistics in the College of Physical and Mathematical Sciences, has received a four-year, \$500,000 grant for her proposal titled, "Nonparametric Models Building, Estimation, and Selection with Applications to High Dimensional Data Mining." ■

Employee satisfaction survey planned for early next year

University officials are dusting off a staff survey that was shelved last year, promising that the comprehensive canvass of employee satisfaction – scheduled for next February – will be worth the wait.

In a presentation to the Staff Senate on June 6, Dr. Nancy Whelchel, assistant director for survey research in University Planning and Analysis, said the staff survey dovetails with a survey of faculty members conducted last fall. That survey, which had a 70 percent response rate, included 350 questions in 14 subject areas and took an average of 45 minutes to complete.

"We were amazed by the overall satisfaction level," Whelchel said. But she noted that there was "a range of discontent." For example, while the majority of respondents said they were well paid compared to their fellow faculty members in their departments, they didn't feel the same way when they

looked at salaries paid to professionals outside the university.

The staff survey will target many of the same areas covered by the faculty survey, including compensation and benefits, leadership, campus climate and diversity, work/life balance, organizational efficiency and working relationships.

"When you talk about well-being,

we're covering everything," Whelchel said.

One reason the survey was delayed – and why it's taking until next February to roll it out – is that university officials want to make sure they do it right.

"I suggested we put a hold on the survey last fall so we could take time to really develop it," Whelchel said. "You get better data that way." ■

CSI RALEIGH



Law enforcement officers exhume skeletal remains at a mock crime scene as part of the "Discovery and Recovery" workshop hosted by NC State on May 21-25. The annual workshop, sponsored by the N.C. Program for Forensic Sciences, provides police officers with hands-on crime scene investigation training through classroom lectures and field exercises.

(Photo by Roger Winstead)

BULLETIN

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



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Portal

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tool to recruit and direct students to the individual university programs."

The site offers detailed information on about 130 online degree, certificate and licensure programs offered by UNC institutions. More than 1,000 online courses can be accessed through the site for fall 2007. There also are sections for community college students wishing to transfer their credits to a UNC system degree program, and for military personnel and their dependents based in North Carolina.

The North Carolina Board of Governors authorized the University of North Carolina Online at its May meeting. Enrollment in online courses at the system's 16 institutions increased by more than 150 percent from 2003 to 2006. Students who enroll are typically older, non-traditional students with families and jobs. However, enrollment by traditional students who are taking courses in the classrooms and online is growing.

The site was developed after extensive market research indicated that students wanted flexibility in online learning, but with the academic quality and reputation that an established university offers. ■

Urban

CONTINUED FROM PAGE 1

"they will need rural resources – including the rural people and communities that help provide urban necessities," he said. "Clean air, water, food, fiber, forest products and minerals all have their sources in rural areas. Cities cannot stand alone; rural natural resources can. Cities must depend on rural resources."

In the United States, the tipping point from a majority rural to a majority urban population came early in the late 1910s, the researchers say. Today, 21 percent of our country is rural although some states – Maine, Mississippi, Vermont, and West Virginia – are still majority rural. In North Carolina, a rural majority held until the late 1980s.

Although rural natural and social resources are necessary for urban people and places, the researchers say rural people do not fare well relative to their urban counterparts. Maps of U.S. quality-of-life conditions show that poverty and low education attainment are concentrated in rural areas – especially the rural South – where the nation's food, water and forest resources exist.

Over much of the globe, rural poverty is much worse than in the United States. Findings by the International Fund for Agricultural Development show that 1.2 billion of the world's people live on less than what a dollar a day can buy. Globally, three-fourths of these poor people live in rural areas.

The researchers add that, in addition to having a highly disproportionate share of the world's poverty, rural areas also get the urban garbage. In exchange for useable natural resources produced by rural people for urban dwellers, rural places receive the waste products – polluted air, contaminated water, and solid and hazardous wastes – discharged by those in cities.

Wimberley says that May 23, 2007, marks a "mayday" call for all concerned citizens of the world.

"So far, cities are getting whatever resource needs that can be had from rural areas," he said. "But given global rural impoverishment, the rural-urban question for the future is not just what rural people and places can do for the world's new urban majority. Rather, what can the urban majority do for poor rural people and the resources upon which cities depend for existence? The sustainable future of the new urban world may well depend upon the answer." ■

China

CONTINUED FROM PAGE 1

alumni of NC State. Chancellor James Oblinger noted in his blog that the students' "pride in their affiliation with NC State was obvious. And a term used often is that they feel like they are part of a family – the NC State family."

For more insight on the trip, read the complete blog entries at www.ncsu.edu/china/journal/. ■

2007 UNIVERSITY AWARDS FOR EXCELLENCE WINNERS



Elizabeth Deakle

Position: secretary, Air Force ROTC

Served in current role: 1 1/2 years

Served in state govt.: 6 1/2 years

Nominator's comments: Look no further than Beth Deakle as the best choice for this year's Award for Excellence. She has become the heartbeat of the Air Force ROTC department where she has systematically identified ways to optimize every facet of administration and operation. Beth's quest for excellence is not simply limited to duties she performs, but is realized in the lives and improved operations of the programs around her. Her ability to assess the unknown, plunge in and immediately implement improved operations is consistently the norm. Beth's respect, sincerity and kindness to others have proven infectious to everyone.

Most rewarding thing about job: "Working with these great students, and knowing that I am even a small part of a larger team that is contributing to the education and development of our young men and women."



Nancy Hutchinson

Position: nurse practitioner, Student Health Services

Served at NC State: 22 years

Nominator's comments: Nancy has always been known for her efficiency, good judgment and ability to work well with others. This year she was instrumental in arranging an alternative spring break for students and medical personnel who provided free medical clinic care to a poor community in Mexico. This project involved an extraordinary amount of time and energy, most of which occurred outside her regular work hours. As chair of the Medical Records Committee, Nancy has been directly involved in the selection of the Health Center's new electronic medical record system. Nancy's passion and concern for the health of others is evident in her commitment to make a difference.



Kathleen Moritz

Position: administrative officer, Chancellor's Office

Served in current role: 2 1/2 years

Served at NC State: 9 1/2 years

Nominator's comments: Kathy exhibits leadership, dedication and outstanding service as a member of the Chancellor's Office staff. She has a "can do" attitude and sets high standards for every aspect of her work – a commitment reflected in the manner in which she deals with constituents. In making arrangements for honorary degree recipients, Kathy ensures that special visitors leave NC State feeling as though they've been treated in a way that reflects the strength and professionalism of the university. Kathy's commitment extends beyond her position in the Chancellor's Office. She is frequently called upon to serve in a "meet and greet role" during university events and willingly serves as unit coordinator for the State Employees Combined Campaign. Kathy possesses all the characteristics that make her an exemplary employee.

Most rewarding thing about job: "Working with an excellent group of individuals that work well as a team. I also enjoy the variety of my responsibilities, as every day brings a new challenge."



Ann Turner

Position: customer service representative, Financial Services Division

Served in current role: 7 years

Nominator's comments: Ann primarily deals with students and their related financial transactions with the university. While students generally do not like to pay money or deal with financial problems, many students come to the office and ask for "Miss Ann," or "Mama Turner." As pointed out in a "Technician" article, Ann's influence is felt within the department as well as outside. She is a mentor to younger workers, and exemplifies the concept of dedication to her work and superior customer service. More than a job, she sees her employment at NC State as an opportunity to serve others. She doesn't see customer service as a set of rules to be learned, rather she seeks to treat people the way they should be treated, and outstanding customer satisfaction is the result.

Most rewarding thing about job: "I do not consider this a job. It is such a joy to be a servant to the students and the parents. It does me good when students come in who are sad or uncertain, and I strike up a conversation with them, and they leave with smiles on their faces. I look forward to each new day, saying 'Who will I be able to help today? Who will I be able to cheer?'"



Kay Yow

Position: women's head basketball coach, Athletics

Served at NC State: 32 years

Nominator's comments: On Feb. 5, Naismith Hall of Fame coach Kay Yow became only the sixth woman in history to reach 700 career wins. Coach Yow has been fighting a courageous battle against cancer, which intensified this season. Despite her adversity, she continues to impact thousands with her commitment to her team and to helping others. Coach Yow's game promotion, Hoops for Hope, in its second year raised \$43,000 for cancer research and inspired thousands. This season her team defeated No. 1 ranked Duke and No. 2 ranked UNC and earned another NCAA invitation. Her story of love and courage has reached around the world. A "Technician" editorial called her a "legend" and one of our greatest ambassadors. Chancellor Oblinger recently said, "No one in the history of NC State athletics has brought more honor to this university than Kay Yow."

Awards for Excellence department/unit winners

Chancellor's Unit

Kathleen Moritz
Kay Yow

College of Agriculture and Life Sciences

Dee Ann Cooper
Julia Brooks
Kimberly Hutchison
Michael Adcock
Pamela Brylowe
Thomas Mease
Tricia Buddin

College of Design

Dana Alexandra Bartelt
Ed Driggers

College of Education

Joanne Frisch
Tish Attayek

College of Engineering

Gary Gatling
Rufus Richardson

College of Humanities and Social Sciences

Amanda Tueting
Mary Catherine Cole

College of Management

Andrea Young
Will Sanders

College of Natural Resources

Carolina Thomson
James William Dodson Jr.

College of Physical and Mathematical Sciences

Jennifer Allen
Shawn Reintjes

College of Textiles

Judy Elson
Kent Hester

College of Veterinary Medicine

Christine Poindexter Schaub
Nicole Barker-Scoggins
Rhonda Craver Sutton

Extension, Engagement and Economic Development

Alice Warren

Finance and Business

Ann Turner
Joanie Aitken
Michael Boykin
Shelia Bolden
Susan Jane Holton

Provost's Unit

Andrew Kurth
Lowell West
Matthew Rust
Patrice Daniels

Research and Graduate Studies

Kathleen Angione
Sharlene Simon

Student Affairs

Elizabeth Deakle
Mark Roberts
Nancy Hutchinson
Rick Gardner

University Advancement

Barbara Irlbeck
Astra Barnes

Oblinger named IFT fellow

Chancellor James Oblinger has been elected fellow of the Institute of Food Technologists (IFT).

Oblinger is one of 17 fellows to be recognized for outstanding and extraordinary contributions in the field of food science and technology. An awards celebration will be held at the IFT 2007 Annual Meeting and Food Expo on July 28 in Chicago.

Acknowledged for his contributions in research and teaching, and for his achievements in academic administration, Oblinger is a recognized expert in the microbiology of red meats and poultry, decontamination techniques and food-borne pathogens.

An IFT member since 1974, Oblinger is only the second university chancellor or president to be elected an IFT fellow. He has served in a variety of leadership roles as a member of IFT, and has been awarded the IFT William V. Cruess Award for Excellence in Teaching and numerous teaching awards. ■



OBLINGER

Of Note

Dr. Charles Boss, Dr. Carl Bumgardner, Dr. William Switzer and Dr. George Wahl Jr. have received "Salutes to Excellence Awards" from the American Chemical Society recognizing their longtime contributions to the field of chemistry.

Dr. Jan Genzer, chemical and biomolecular engineering, and **Dr. Peter L. Mente**, biomedical engineering, have received Outstanding Teacher Awards in the College of Engineering.

Dr. Ayman Hawari, nuclear engineering, and **Dr. Mohammed Zikry**, mechanical and aerospace engineering, have received 2007 Alcoa Foundation Engineering Research Awards.

Dr. Jacqueline Hughes-Oliver, statistics, has been named a fellow of the American Statistical Association.

Dr. Lee-Anne Milburn, landscape architecture, has received a Regional Research Award from the Canadian Society of Landscape Architects for her research, "Our Rural Future? The Non-Farm Landowner and Ontario's Changing Countryside."

Andrew Pace, NCSU Libraries, has been elected vice-president/president-elect of the Library and Information Technology Association (LITA).

Dr. Tom Roberts has been appointed head of the Department of Physical Education, effective July 1.

Dr. Jeanne Smoot, emerita English, has been inducted into the Phi Beta Kappa chapter of her undergraduate alma mater, Eckerd College.

Dr. Raymond Taylor, emeritus education, and **Dr. Michael L Vasu**, political science, have been inducted as Edelman Laureates by the Institute for Operations Research and Management Sciences (INFORMS).

Dr. Chau M. Tran, mechanical and aerospace engineering, has received the 2007 George H. Blesis Outstanding Undergraduate Advisor Award in the College of Engineering.

In Print

Dr. Wayne Place, architecture, has published a book titled, "Architectural Structures."

Patrick Rand, architecture, has co-authored a book titled, "Architectural Detailing: Function, Contractibility, Aesthetics."



RAND

CALENDAR

June

12 Tuesday

"Pulp Fiction"

8 p.m., Campus Cinema, free

14 Thursday

Art & Design Event

Gallery Talk, artist Diane Howard, 7 p.m., Gregg Museum of Art & Design

"Pulp Fiction"

8 p.m., Campus Cinema, free

16 Saturday

Arts NC State Event

Crafts Center and University Theatre Surplus Sales, 8 a.m.-3 p.m., Thompson Theatre

19 Tuesday

"Stranger Than Fiction"

8 p.m., Campus Cinema, free

21 Thursday

"Stranger Than Fiction"

8 p.m., Campus Cinema, free

Ongoing

Art & Design Exhibit

"It's Not Your Mother's Yarn: Knitted Works by Diane Howard," through June 29, Gregg Museum of Art & Design

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. 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 June 29 calendar, the deadline is June 19.

Obituaries

Dr. Lee Hyman Sanders, former medical director of Student Health Services, died Dec. 15, 2006. He was 90.

A native of Smithfield, Sanders received a bachelor's degree and a certificate in medicine from Wake Forest College and went on to earn his medical degree from Temple University's School of Medicine.

Sanders is survived by his wife, Margaret; two daughters, Carolina and Sally; four grandchildren; and five great-grandchildren.

Memorial donations may be made to the Methodist Home for Children, 1041 Washington Street, Raleigh, NC 27605.

Norwood Graham Smith, a retiree of the College of Engineering, died Jan. 18. He was 79.

A native of Wilmington, Smith graduated from Duke University and did graduate work at Duke and the University of Virginia.

Smith is survived by his brother, Charles.

Memorials may be directed to Grace United Methodist Church, 401 Grace Street, Wilmington, NC 28401.

A.C. Linnerud, a former faculty member in the Department of Statistics, died Jan. 19. He was 75.

A native of Whitehall, Wis., Linnerud earned his bachelor's degree from the University of Wisconsin of River Falls. He received his master's and doctorate in dairy husbandry in 1964 from the University of Minnesota. Linnerud earned his post doctorate in statistics from NC State, where he served as a faculty member until retiring in 1993.

Linnerud also served in the U.S. Army from 1953 to 1955.

He is survived by his wife, Palma.

Memorials may be made to the Holy Trinity Evangelical Lutheran Church Building Fund, 2723 Clark Ave., Raleigh, NC 27607-7199.

Woodford Randolph Middleton Jr., a former university staff member, died Jan.

22. He was 78.

A native of Winston-Salem, Middleton graduated from UNC-Chapel Hill. He also served in the U.S. Navy.

Middleton is survived by his wife, Barbara; three children, Woody, Robert and Libby; four stepchildren, Joanna, Mike, Pete and Elizabeth; a brother, John; two sisters, Nancy and Anne; and numerous grandchildren.

Memorials may be sent to Salemtowne Residents' Financial Assistance Fund, or the mission charity of your choice.

Karen Wade Cowardin, a former employee with the College of Veterinary Medicine, died Feb. 21. She was 64.

A native of McLean, Va., Cowardin is survived by her husband, Robert; three daughters, Heather, Laurel, and Holly; two stepdaughters, Beverly and Denise; two sisters, Barbara and Pat; and two grandchildren.

Margaret W. Wahls, a former secretary at NC State, died April 10. She was 76.

A native of Pittsburgh, Wahls earned her bachelor's degree in English from Denison University.

Wahls is survived by her husband, Harvey; daughter, Nancy; son, Richard; two brothers, Chandler and Jack; and two grandchildren.

Memorial contributions may be made to Our Savior Lutheran Church, 1500 Glenwood Ave., Raleigh, NC 27608 or the Leukemia and Lymphoma Society, 401 Harrison Oaks Blvd., Suite 200, Cary, NC 27513.

Carl John Setzer Jr., a former faculty member in the Department of Chemical Engineering, died April 21. He was 82.

A native of Columbus, Ohio, Setzer served in the U.S. Army from 1942 to 1946. He earned his doctorate in chemical engineering from Ohio State University.

In 1980, Setzer joined the chemical engineering department at NC State, where he taught and served as associate

department head until his retirement in 1999. He was named a fellow of the American Institute of Chemical Engineers in 1987.

Setzer is survived by his wife, Kelly; a brother, Robert; a son, Carl; three daughters, Blythe, Lauren and Kimberly; and five stepgrandchildren.

Memorials may be made to the Urban Ministries Soup Kitchen.

Dr. Benjamin Thomas McDaniel, former professor of animal science, died May 4. He was 72.

McDaniel received his bachelor's degree in dairy science from Clemson University. Following graduation, he continued his studies and worked for the USDA in Beltsville, Md.

In 1972, McDaniel became a professor of animal science at NC State, where he worked for 30 years.

He is survived by his wife, Sue; two brothers, Ed and Ken; a son, Ted; a daughter, Ruth; and three grandchildren.

Memorial gifts may be sent to Heifer Project International, P.O. Box 8058, Little Rock, AR 72203.

Ellen D. Majewski, a university employee for more than 30 years, died May 13. She was 55.

A native of New Bern, Majewski attended Hardbarger Business College.

She began her career at NC State in June 1971 and served the university for 32 years until her retirement in June 2003. Majewski spent her first 30 years of service with the N.C. Cooperative Extension Service and her latter years with the Department of Molecular and Structural Biochemistry.

She is survived by her husband, Edward; a sister, Diane; a brother, Frankie; three stepchildren, Eddie, Chris, and Susan; and two stepgrandchildren.

Memorial contributions may be made to the Susan G. Komen Breast Cancer Foundation at the Komen Foundation, P.O. Box 650309, Dallas, TX 75265-0309.