

# WINDOW on Wake Forest

Published for employees of Wake Forest University

September 1995

## Stuck on the Web

Wake Forest joins the growing legions of organizations with a burgeoning presence on the World Wide Web

BY LLOYD WHITEHEAD

**T**he dream of accessing reams of information at the click of a button is a dream at hand—if you don't mind wading through the superfluous, the mundane and the abstract. Which is what the burgeoning World Wide Web mostly offers: access to reams of unrelenting information, some essential, some not, linked together in seemingly random fashion for users to explore.

Behind the chaotic structure of the Web, however, lies a powerful framework that has been described as the world's largest and most accessible database. Loosely defined, the World Wide Web is a collection of files (commonly called "pages") which are stored on computers all over the world. What makes it so powerful is that these files—which can contain text, graphics, sound, even video—are linked together so that users can skip from one file to another as if flipping pages in a book. If you know where to look, you can find nearly anything. All the intrepid Web surfer needs is a Web browsing application such as Netscape.

While the Web may not yet be the be-all, end-all of information retrieval that some have predicted, it has quickly evolved into a powerful new medium whose full potential is only now coming into focus. Thousands of users and organizations have begun to explore that potential, and their numbers are growing exponentially.

Faced with the explosive growth in Web usage, most universities are developing guidelines to govern the

content and image of institutional Web pages and other electronic communications. At Wake Forest, the University Editor's Office will work with a 13-member committee of faculty and staff to develop such policies. The committee also will review and recommend improvements to the University's home page and other institutional Web pages and make recommendations on future use of on-line technology.

Over the past two years, Wake Forest has put on-line a massive amount of information which is available to students, faculty, staff, alumni—virtually any user whose computer can tap into the Internet. Dubbed Deacons On-Line, Wake Forest's World Wide Web site—<http://www.wfu.edu/>—includes thousands of interlinked documents. Log on, and you encounter a menu of choices that ultimately lead to every corner of the

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WAKE FOREST  
UNIVERSITY



Wake Forest computer technician CHRIS FORSYTH enjoys something he sees on a ThinkPad screen at IBM's facility in Raleigh. More than 600 of the powerful laptops were modified and equipped with software for the University in July.

## Test pilots

The Plan for the Class of 2000, set for liftoff next fall, enters its countdown with various pilot projects

BY DAVID FYTEN

**T**he Plan for the Class of 2000, its design complete and set for launching next fall, will be given a test flight this year with pilot computer, first-year seminar and residential life projects.

Some 221 first-year students are voluntarily participating in the projects. All of them will have an opportunity to register for a first-year seminar in spring semester. In addition, 100 have purchased or borrowed IBM ThinkPads and will take part in a

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# Deaths in the family

Wake Forest mourns summer passing of two beloved senior members of the faculty—David Hadley of history and Pen Banks of anthropology

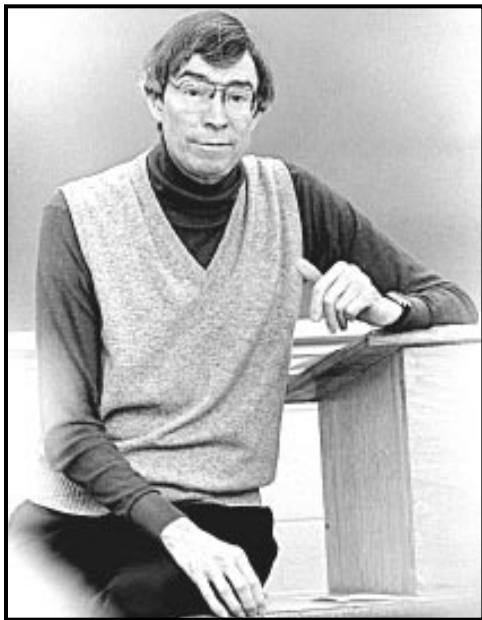
BY ELLEN T. DOCKHAM

**T**he Wake Forest community continues to mourn the summer deaths of two esteemed senior members of the faculty—David W. Hadley and E. Pendleton Banks.

A memorial service will be held at 4 p.m., Thursday, Sept. 28 in Wait Chapel for Hadley, a longtime history professor and London study program director who died June 15 after a long illness.

Hadley, who was 57 at the time of his death, was a member of the faculty for 30 years. He taught English history and also taught in the history department's honors program for several years.

A 1960 graduate of Wake Forest who held master's and doctoral degrees from Harvard, Hadley was instrumental in establishing Wake Forest's London study program and was the coordinator of Worrell House, the University's student residential center in London, for nearly 20 years.



DAVID HADLEY: A respected scholar who applied his love of London and Wake Forest to the building of a popular study-abroad program.

"He brought to the Worrell House his great love of Wake Forest and of London," said Edwin G. Wilson, professor of English and provost emeritus. "Hundreds of students have benefited ever after from what David Hadley put together."

In his honor, the faculty living quarters at the Worrell House have been named the Hadley Faculty Suite. Eleven days before his death, a small delegation led by President Thomas K. Hearn Jr., presented him with the inscription that will appear on a plaque in the suite and with more than a score of letters written by colleagues, former students, London acquaintances, and others expressing their gratitude, admiration, affection and remembrances.

A native of Burlington, N.C., Hadley was one of the few Americans to be elected an honorary member of the Royal Society of Musicians of Great Britain. He earned the honor in 1978 after discovering a vault containing long-lost papers of the society in an 18th-century London house. He examined and catalogued the papers and became one of a small number of people who were not performing musicians to be elected by the society.

Hadley wrote his doctoral dissertation on the musical activities of nineteenth-century London and continued that field of study throughout his career, becoming an expert on classical music and theater performed in London. In 1973, he received national attention for an article called "Beethoven and the Philharmonic

Society of London" that was published in *Musical Quarterly*. The article disputed a widespread belief that the composer cheated the Philharmonic Society. Hadley's examination of the society's records showed that Beethoven did not try to pass off three old overtures as new ones and that Beethoven's premiere performance of his Ninth Symphony in Vienna did not violate his commission to write the piece for the Philharmonic Society, as some historians had reported.

Memorials may be sent to the David Hadley Memorial Fund for support of the Worrell House of Wake Forest University, in care of the Department of History. Thomas E. Mullen, professor of history and former Dean of the College, has been named to succeed Hadley as London program director.

Banks, an adventurous anthropologist who traveled the globe for decades, died July 12 after a long illness. He was 71.

A Southerner who became one of North Carolina's first anthropologists, he taught at Wake Forest for 40 years before retiring in 1994. He was awarded three Fulbright Fellowships for study abroad, the maximum allowed any scholar, and numerous other prestigious awards which took him to Yugoslavia and remote regions of China and other places.

Often bringing his wife and children along for the adventure and education, Banks many times booked passage on ocean-going freighters that delivered him and his family to countries where he conducted research and taught for weeks or months.

"He was always an adventurer and an explorer," said Wilson. "No part of the world was alien to him. He went where very few Wake Forest faculty and sometimes very few Americans had gone. He was willing to accept the difficulty and privation of that kind of travel because he wanted to under-



E. PENDLETON BANKS: an "adventurer and explorer" who traveled to places very few Wake Forest faculty members—and sometimes Americans—had ever ventured to before.

stand the culture, to live with the people."

Arriving at Wake Forest in 1954 as an assistant professor, Banks developed Wake Forest's anthropology program from an offering of a few courses to a full department. Eventually, he became the department's chair. He also founded the University's Museum of Anthropology, the archaeological laboratories and the Remote Sensing Laboratory, which uses aircraft

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## Plan for 2000

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smaller-scale version of the information technology program that all first-year students will experience beginning next year.

All of the participants are living in Collins Hall, which has been renovated to include a seminar-meeting room and a study area equipped with computer network connections. Some of the seminars may be held in Collins, although that will not be required of the faculty members who teach them. The student life staff, meanwhile, plans to offer cocurricular and residence life programs aimed at drawing closer connections between the academic and social aspects of college life.

The pilot projects are but a part of the massive planning and logistical effort that is being put into launching the ambitious plan to enhance the University's undergraduate program.

A dozen committees comprising a total of more than 80 members put in hundreds of hours over the summer planning implementation of every facet of the plan—from physical infrastructure and computer training to communication and evaluation.

Dean of the College Paul D. Escott says the 221 pilot first-year project participants were chosen from among more than 300 applicants to represent a cross-section of Wake Forest's incoming class. Factors in the selection process, he said, included gender; racial and ethnic background, academic ability, financial aid status and career interest.

The decision to house them together and provide cocurricular and social programming, according to the dean, stemmed from "things that have concerned us" about the first-year experience.

"We're not sure we've been doing all the

right things to help our students get off to their best start," he said. "We feel this could help them identify other students with whom they can form close connections right away."

Escott said the faculty will be asked to approve a number of parliamentary and procedural measures to facilitate the plan at its first meeting in September.

He said the faculty by-laws will have to be amended to permit creation of a standing committee to evaluate and approve first-year seminar proposals. The seminars, designed to enhance students' writing and critical

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The pilot projects are but a part of a massive planning and logistical effort to launch the plan.

thinking skills, will have no more than 15 students each. They will be designed by the faculty members who teach them, subject to approval by the first-year seminar committee—comprised mostly of elected faculty representatives—and coordinated with the instructor's departmental chair.

Escott hopes that as many as 15 seminars can be offered to the pilot group in second semester. As of mid-summer, 33 faculty members had expressed interest in teaching semi-

nars. More than 60 of the mandatory seminars will need to be offered each year to accommodate an entire first-year class.

A second measure the faculty will be asked to approve is replacement of the existing Academic Computing Advisory Committee with a new Committee on Information Technology with expanded purview over computing on campus.

About 100 College faculty members in addition to the student group are participating in the pilot computer project. The faculty participants received their choice of a ThinkPad or IBM desktop model over the summer and were trained by the library's Information Technology Center staff in August. All faculty members, except those who prefer to stay with Macintosh, can receive a new IBM computer by Jan. 1. Although training will be available through the library on an ongoing basis, officials hope that the pilot faculty participants will in turn help train their departmental colleagues.

The University received more than 400 applications for 17 new computer support positions and is completing the hiring process. Ten will be assigned to academic buildings, three will be located in the library and four will be added to the Computer Center staff. Later this fall IBM will conduct workshops for faculty on computer classroom presentation and techniques.

Escott says the purpose of the pilot computing and first-year projects is to

work out the bugs and "find the best way to handle these challenges when we need to implement the plan on a much larger scale."

"We're in the midst of an ambitious undertaking, and there are sure to be some things that go wrong," he says. "I hope all of us will approach the pilot year with calmness and realistic expectations." ■

## Deaths

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photos and satellite images to discover ancient cities, walls and roads.

An expert on China, Mongolia, and the Balkans, Banks and other anthropologists worked with UNESCO to help rediscover the Silk Road, the ancient trade route that for 3,000 years was the cultural and economic link between East and West. The cities that grew up along the Silk Road from the Mediterranean port of Tyre to Xian in northern China were buried in drifting desert sand in hard-to-reach terrain. But with the help of radar images from space shuttle trips, Banks and others found evidence of promising Silk Road sites for excavation.

Banks studied cultural ecology, environmental problems, societal values and the impact of cultural change and economic development on the people of China and the Balkans. A visiting professor at universities in Burma, the former Yugoslavia, Romania and China, he concentrated much of his work for 30 years on the effects of modern advances on Balkan villagers. He first visited Zagreb in 1966 on a Fulbright Fellowship and returned often to study life in Bosnian and Croatian villages.

In widely circulated newspaper columns in recent years, he wrote of his sadness over the plight of the people of the former Yugoslavia, urging readers to help the people out of their predicament.

Believing in the value of a global education, Banks encouraged Wake Forest to start study abroad programs. "He was one of the people at Wake Forest who did more than anyone else to look beyond the campus," Wilson said. "He had a fine pioneering spirit."

Banks's long career as an anthropologist began after his service in the U.S. Navy, which brought him in 1944 to take part in the Normandy Invasion. As a 20-year-old officer, he was in charge of running a landing craft onto Utah Beach in advance of the invading Allied army.

A native of Florence, S.C., Banks earned his bachelor's degree in English and speech from Furman University and his master's and doctoral degrees in anthropology from Harvard University.

Memorials may be made to the Catherine B. and E. Pendleton Banks Fund for Faculty Research Travel at Wake Forest University. ■



Wake Forest PC lab manager KEN SHARP carts boxes of ThinkPads to their storage location at the University upon their delivery July 25.

## The Web

continued from page 1

University. Want to send e-mail to a faculty member? Explore the floor plan of Tribble Hall? Read the undergraduate catalog? Just point and click.

Noel Hunter, Wake Forest's academic support manager whose department maintains Deacons On-Line, said that as users begin to embrace the concept, even more information will become available. "Right now we have about 340 students, faculty and staff who have home pages on the Web," Hunter said. "We expect that number to increase dramatically this fall."

Indeed, growth of the Web has been nothing short of explosive. At Wake Forest, accesses to Deacons On-Line have gone from about 2,000 a week in April of 1994 to more than 50,000 a week by June of this year. Add in The Plan for the Class of 2000, part of which calls for entering first-year students to have laptop computers with access to the University network, and what you have is a near vertical growth curve.

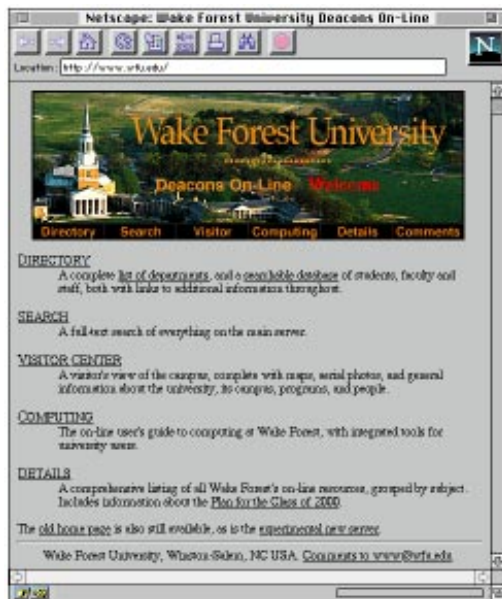
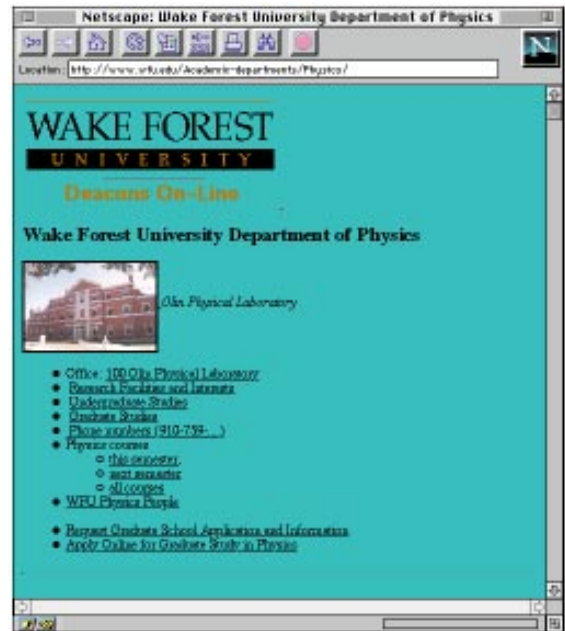
That surge of users will create an opportunity for Wake Forest to supply more and more information to an ever-widening base of constituents. The

Department of Physics has been an early adopter of the technology, putting its home page on-line in December of 1994. Physics professor Rick Matthews was instrumental in the effort and now serves as the department's "webmaster."

"One of the more useful things we have on-line is the layout of the undergraduate degrees with typical schedules for the first year, sophomore year and so on," Matthews said. "Suppose you are in pre-med: you could click in and see what courses you're expected to take and when. It makes it very easy for students to look at different options."

Graduate students can apply to the department by filling out and submitting a form right on the Web. According to Matthews, the goal is to cut down on the use of traditional mail services, especially when dealing with overseas students where time becomes a factor. He said a student can fill in an application on-line, as well as download recommendation forms that can then be filled out and faxed back to the physics department.

The physics page was designed for internal use, too, Matthews said, offering links to professional societies, to the home pages of faculty members and to a dozen or more physics departments around the world.



Numerous departmental pages like those of physics (top right) and the Calloway School (opposite page) are linked to the University's home page (above).

Another department that has made inroads into Web development is Research and Sponsored Programs, which acts as a critical information pipeline between faculty and granting agencies. Department director Julie Cole said as federal dollars dwindle and grants become smaller and scarcer, the timely dissemination of information becomes much more valuable.

"Because it [grant writing] is so competitive, it's the people who get the information first who have the greatest advantage," Cole said. "You have to be cutting edge to compete, and that is what the Web will do for us."

The department's page (<http://www.wfu.edu/Administrative-offices/Research-and-Sponsored-Programs/>) offers information to faculty on deadlines, new grants and funding sources, as well as links to the home pages of the National Science Foundation and the National Endowment for the Humanities.

Katie Shugart, the office's information specialist, worked over spring and early summer to get its page up and running, putting on-line much of the information that faculty would have once retrieved manually. Shugart said she began, as do many fledgling Web designers, by surfing through various sites and adopting the best ideas for use on her own site. "Judging by what I saw," she said, "I'd say we're either as good or better than most."

According to Cole, the Web site will

eventually become the department's primary tool for information distribution. "What we eventually hope to do," she said, "is have on the Web page the most up-to-date guidelines that different sponsors issue on how proposals should be structured."

Some experts say the very immediacy of the Web strikes the death knell for traditional publishing. Whether or not that's true remains to be seen, but many publishers are hedging their bets by getting on-line early. Old Gold & Black has jumped on the Web, putting out an electronic version of the student newspaper right along with its printed edition. Editor Brian Uzwiak said the paper's first efforts in the fall of 1994 may have been short on graphic razzle-dazzle, but the effort firmed up his decision to begin regularly publishing on-line.

"We now have two electronic editors, and at this point what we have is the entire newspaper on-line," he said. "Our Thursday edition comes out in the morning, and the Web page gets updated that evening."

As for the possibility of foregoing the printed edition altogether, Uzwiak said he doubts it will happen in the foreseeable future. "The cost of newsprint is getting astronomically high, so we may run stories a little longer on the Web site, but there's something to having that paper available," he said. "For the people

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working here it's more of a tangible product."

Uzwiak said the paper's more immediate goals are to get breaking news on-line more quickly and to find advertisers for the electronic edition, neither of which he said is an easy feat.

At the Web site for the Babcock Graduate School of Management, browsers will find a site devoted to the school's alumni, the MBA Alumnet. Director of MBA Alumni Development John Gillon began work on the project in December of 1994, and he has succeeded in building a Web site with a depth of well-developed content. The site features alumni news, a calendar of alumni and MBA events, a directory of faculty and staff, Wake Forest sports schedules and a page of business related news and links. Gillon said he hopes to eventually have an e-mail directory for those alumni who want to keep in touch with each other.

"It's a tremendous opportunity for us," Gillon said. "Its like the virtual campus. It gives people the chance to interact in real time."

In most departments Web page maintenance and design falls on the shoulders of those most willing to commit a little spare time to it. And as Gillon said, the Web is anything but static. "You never have a completed product—I've learned that," he said. "You're never done."

At the Wayne Calloway School of Business and Accountancy, assistant professor Gordon McCray has shouldered the responsibility of Web development thus far. McCray has worked on the school's home page since spring, adding links and information as time allows, with hopes of putting on-line just about everything the school now offers in print.

Particularly exciting to McCray is the ability to use the Web as an open channel of communication with students. "It essentially tears down the classroom walls," McCray said. "I'll have a home page for each of my classes, and I'll post various links to places I think would be of interest to the students. The best part about it is that I can constantly update the pages."

McCray predicts more and more faculty will begin to use the Web. "About 90 percent of the people here really want to use [the Web] in some form or another. It only takes only one or two of the faculty to begin to use it, then I think it will snowball. As the students begin to use it in some of their classes, they'll start demanding that other faculty use it." ■

## Web bits

### *Tips and other miscellaneous World Wide Web marginalia*

Take a Web Tour  
Physics professor Rick Matthews has authored a "Web Tour" that takes users through a host of Web sites, from the White House to the Louvre Museum. The purpose, Matthews said, is to give first-time users an idea of the vast scope of information on the World Wide Web, as well as to give them some pointers on how to use the Web effectively.

"The fact of the matter is that just about anyone, with about an hour of instruction, can get a page up and running on the Web," he said.

To take the tour, point your browser at <http://www.wfu.edu/Computer-information/Web-Tour/>

#### Browserless?

If your computer won't support a Web browser such as Mosaic or Netscape, you still can take a whirlwind tour of the web, although you'll have to settle for a text-only tour. A browser called Lynx, available for both Mac and PC platforms, lets you surf the Web like a pro, only without graphics. If you need help finding Lynx or setting it up for your machine, call the Computer Center help desk at 759-4879.

#### Learning the lingo

Whether you want to just surf the Web or jump in and begin designing your own pages, you need to know the lingo. Here's a few definitions to get you on the wave.

■ **BROWSER:** An application that allows you to see both the text and graphic portions of the Wide World Web. Netscape and Mosaic are two of the most popular browsers, and some commercial on-line services, including America On-line and Prodigy, have proprietary Web browsers built in to their software.

■ **HTML:** HyperText Markup Language. The standardized codes used to format web page documents. Using HTML, Web page authors can format text, place graphics, define background colors and more. Two good documents for Web newcomers can be found at <http://www.ncsa.uluc.edu/demoweb/html-primer.html> (and at <http://www.cis.ksu.edu/~jfy/html.reference.html>)

■ **HYPERLINK:** Text or graphics that when clicked take your browser to another Web page. This is the true power of the Web, the ability to link information from many disparate sites into one simple document.

■ **URL:** Uniform Resource Locator. Basically URL means "Web address." For instance, the URL, or address, of Deacons On-Line is <http://www.wfu.edu>.

Tips from a Web expert  
Greg McArthur, a software engineer for Digital Information Media Systems at the National Center for Atmospheric Research in Boulder, Colo., frequently gives advice on Web page design at forums across the country. Here are a few tips he's developed for good page design:

■ Identify the major elements of your site.

■ Assess where to establish links between and among elements.

■ Determine what multimedia components should be used to strengthen the information carrying content of the site. For instance, use video and still images for location and mapping information, or when needed to illustrate an activity that would otherwise be difficult to describe.

■ Assess how many levels you will require a user to go through before getting the information (generally it should be no more than two).

■ Avoid cluttering the screen.

McArthur said spending time to identify the complexity and scope before creating Web documents will save time further down the road.

Finally, be aware that you can always add to your site as needs dictate.

Web sites for page developers

*WORLD WIDE WEB FOR DUMMIES:*  
<http://www.mit.edu:8001/people/rei/wwwintro.html>

*THE WEB DEVELOPER'S VIRTUAL LIBRARY:*  
<http://WWW.Stars.com/>

*THE WEB MASTERS PAGE:*  
<http://gagme.wwa.com/~boba/masters1.html>

*MAKING THE MOST OF THE WORLD WIDE WEB:*  
[http://www.gsfc.nasa.gov/documents/making\\_most\\_www.html](http://www.gsfc.nasa.gov/documents/making_most_www.html)

*THE COMPLETE GUIDE TO HTML:*  
<http://www.chem.emory.edu/html/html.html>



# WFU Briefs

Don't leave home without it. Students, faculty and staff of Wake Forest have access to a variety of campus services through a new, multi-purpose University ID card.

According to Director of University Stores David O. Dyer, the card will serve as an ID, credit card and key all rolled into one. "This card is really the wave of the future," said Dyer. "It is a very sophisticated system."

In addition to the standard photograph and ID number, the card features a bar code, two credit card-like magnetic strips and a barium-ferrite bead for electronic door entry.

Those with a Deacon Dollar\$ account can use the card at the Deacon Shop, College Book Store, University Police, Student Health Service, controller's office, telecommunications office and all campus vending machines. Dyer said the card eventually will be accepted at the campus barber shop, copying machines and laundry facilities as well.

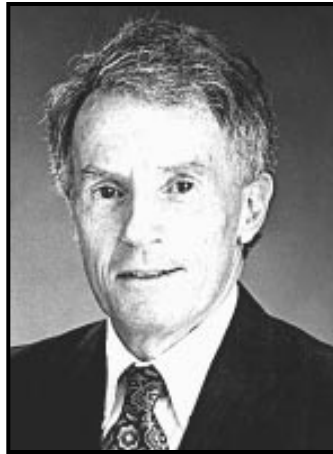
The card also may be used at campus food service outlets by students, faculty and staff who have purchased a Deacon Dining Club Account (available at the ARAMARK office, Room 22 Reynolda Hall).

Faculty and staff who do not have a card may have one made at the College Book Store during normal business hours. For replacement of lost or stolen cards, contact University Police at 759-5591.

**Computer sales change**  
Campus computer sales, both individual and departmental, now are being handled by the College Book Store.

After selling computers for several years, the Microcomputer Center closed July 1 as part of the University's preparations to implement The Plan for the Class of 2000. Its four sales representatives have been reassigned to help meet the expanding need for computer support.

The book store opened a computer sales department during the summer offering computers, printers and accessories. IBM and Apple computers



LOUIS R. MORRELL

and printers, as well as other computer items, are on display in the store. For assistance, call Cammie Pate or Trevor Pressley at 759-4213.

For computer service and support, faculty and staff should continue to call the help desk at 759-4272.

Financial VP appointed Louis R. Morrell has been appointed vice president for investments and treasurer at Wake Forest.

Morrell, who assumed the newly created post in August, will serve as Wake Forest's chief institutional investments officer. Previously he was vice president for business and finance and treasurer of Rollins College. He has spent most of his 34-year career in financial management of colleges and universities, including Radcliffe College of Harvard University, Smith College and the University of Massachusetts.

"Safeguarding the university's financial assets while producing the optimum return from them is a task that can be given only to the most trusted and experienced person we can find," said Thomas K. Hearn Jr., Wake Forest president. "We have found that person in Louis Morrell." ■

Allen Easley honored  
A section of Faculty Drive between Wake Forest and Polo roads has been renamed Allen Easley Street in honor of the late J. Allen Easley, who died in 1992 at the age of 99.

Easley, who came to Wake Forest in 1928 as chaplain, became a religion professor in 1938 and later chaired the religion department. In 1962, he was a leader in the University's move to integrate. He retired in 1963

## Work zone

*Reynolda Campus construction crews have busy summer*

BY DAVID FYTEN

The normally serene and pastoral sights and sounds of summer on the Reynolda Campus were punctuated this year with sand piles, orange mesh fences and jackhammers.

About \$12 million worth of campus construction projects were undertaken, almost half of which comprised improvements to athletics facilities.

Highlighting the work was a \$3-million renovation of the Athletics Center. The project, designed especially to benefit women's sports programs, included major renovation and relocation of athletics offices, locker rooms and support facilities. Several offices that had been housed in temporary facilities or other buildings have or soon will move into the renovated building.

Work began on a new soccer stadium and two soccer practice fields along Polo Road. Crews installed a temporary field on which the soccer team will play this fall. After the season is over, a permanent stadium with bleachers and lights will be built. Total cost is estimated at \$2 million.

Spectators' enjoyment of another fall

sport—football—was enhanced with concrete maintenance work and renovation of the west bleachers at Groves Stadium. The \$500,000 project completed a two-year stadium facelift; the east side was renovated last summer.

Workers completed the second year of a three-year project to renovate and install central air conditioning in all residence halls. This summer, work was done to Davis Hall and Taylor Hall/Efird Hall at a total cost of about \$4 million. Improvements besides air conditioning included new computer network wiring and additional electrical outlets, installation of card access equipment and upgrading of ceilings and bathroom lighting and ventilation.

Other residence hall projects include two additions to Greek lounge areas in Luter Hall, which will be completed Oct. 1 at a cost of \$500,000; and renovation of two rooms in Collins Hall for use as first-year seminar and study rooms at a cost of about \$30,000.

The Collins project is part of preparations for The Plan for the Class of 2000, which will receive a trial run with pilot projects this year and be launched in full next year. In two other projects designed to accommodate the plan's technological aspects, DeTamble Auditorium, the largest classroom on campus, was renovated at a cost of about \$300,000 to serve as a new multimedia and information highway classroom, and a media center classroom in the Z. Smith Reynolds Library was given a \$150,000 refurbishing.

CONTINUED ON PAGE 16



Carpenters give DeTamble Auditorium a facelift in preparation for its conversion to a multimedia and information highway classroom.

## Service in kind

*Applications accepted for United Way loaned executive position*

**A**pplications for Wake Forest's 1996 loaned executive position are being accepted on the Reynolda and Hawthorne campuses.

Each year from mid-September until mid-November, at least one employee from each campus assists the United Way in its fundraising efforts. The United Way staff provides training and support, and Wake Forest continues to pay his or her salary.

Each loaned executive may be assigned to one large organization or as many as 55 smaller organizations. He or she often meets with each organization's chief executive and works with its campaign manager to plan activities and distribute United Way information to employees.

"Two aspects of the job impressed me," says Lu Leake, an assistant vice president and the Reynolda Campus loaned executive in 1986. "First, there was consistent enthusiasm for the work of United Way agencies, from the smallest to the largest organizations where I made presentations. Second, it was remarkable that corporations and non-profits alike sent some of their busiest people to be loaned executives, indicating the strong commitment they have to United Way."

The Reynolda Campus loaned executive for 1995 is Christia Hayes, manager of development research in the Office for University Relations. "During the Heritage and Promise campaign, the people of Forsyth County gave more than \$30 million [to Wake Forest]," says G. William Joyner Jr., vice president for university relations. "I am pleased that we can offer the talents of one of our accomplished professionals to the community in the United Way campaign."

To apply for the 1996 position, Reynolda Campus employees should send a one-page letter to Sam Gladding, assistant to the president, and Bowman Gray employees should write to Russell E. Armistead Jr., vice president for health services administration. The letter should state the employee's interest in the position, along with a brief description of skills and previous volunteer service. Deadline for application is Nov. 15. ■

## Medical Center at the

**Anesthesia breakthrough**  
The Morell Injector, a new device that simplifies the administration of local anesthetic for surgery using regional and peripheral nerve blocks, has been patented by Wake Forest University.

It is the fifth patent issued to Wake Forest since July of 1994. It presently has 81 U.S. and foreign patent applications pending.

About 350,000 surgeries are performed annually in the U.S. using regional and peripheral nerve blocks and requiring more than 10 cubic centimeters (cc) of anesthetic. The device—named after its inventor, Robert Morell, assistant professor of anesthesia at the Bowman Gray School of Medicine—allows a 10-cc, three-finger control syringe to be refilled from a 60 cc reservoir syringe through a three-way stopcock without disassembly or removal of the needle once the procedure has begun.

The Morell Injector has been licensed to Incutech, Inc., of Greensboro, a medical device company which will manufacture, market, and sell the device. Incutech has applied to the Food and Drug Administration (FDA) for permission to market the product in the United States. FDA approval is expected late this year.

**Abdominal cancer treatment**  
A surgical oncologist at the Bowman Gray/Baptist Hospital Medical Center has achieved favorable results with a new treatment method—heated chemotherapy—on patients with advanced abdominal cancer.

Brian Loggie, associate professor of surgical sciences (general surgery), reported at the American Society of Clinical Oncology recently that median survival time had more than doubled, from six to 13.4 months, using the heated chemotherapy technique.

Loggie said that 14 of 17 patients (82 percent) in the study group were alive one year after treatment, compared to 25 percent reported in leading studies of the standard treatment. The majority of the patients in Loggie's group already had failed the traditional forms of treatment, surgery or chemotherapy, or both.

The National Cancer Institute has awarded Loggie \$500,000 over four years to continue refinement of the technique. The grant also will include a standardized analysis of quality of life issues related to these patients.

**New dialysis facility planned**  
The Bowman Gray School of Medicine is building a new facility for High Point Kidney Center to provide more treatment capacity for patients needing dialysis.

Wake Forest recently purchased land at 1822 Westchester Drive for the new center. The tract provides room for 40 treatment stations—19 more than at the current site.

The High Point Kidney Center is part of one of the nation's largest networks of dialysis treatment programs and is backed by extensive basic and clinical research in Bowman Gray's Section on Nephrology.

**"Mysteries of the Mind"**  
Weighing just four pounds, the brain has as many cells as the Milky Way has stars and performs thousands of calculations each second to keep us healthy.

In "Mini Medical School III—Mysteries of the Mind," faculty of the Bowman Gray School of Medicine will explore these and other mysteries as they explain the brain's important role in our physical and mental health.

The popular health information series returns Sept. 11. Classes are 7 to 9 p.m. each Monday through Oct. 23 in Babcock Auditorium at the Bowman Gray/Baptist Hospital Medical Center. Sessions will take participants down the brain's pleasure pathways to addiction, explain the biological and psychological roots of anxiety and depression and examine Alzheimer's disease and the aging mind.

For more information, call (910) 777-3100. Registration deadline is Sept. 5.

**High geriatric care rating**  
The Bowman Gray/Baptist Hospital Medical Center has been ranked as the 24th best hospital in the country for geriatric care, according to U.S. News & World Report's annual rankings of America's best hospitals. ■



An aspiring scientist admires the human anatomy during a visit by Science STARS to the Bowman Gray/Baptist Hospital Medical Center June 10. Programs on HIV, the science of orthodontics, the brain, neuroembryology, the scientific method and the effects of temperature on tumor cell growth challenged the STARS—more than 50 students ages 9 to 13 with special gifts in science and mathematics. The visit was one of three summer enrichment programs for the group coordinated by TARGET HEALTH, the Medical Center's community health education outreach program.

# AUG/SEP

## at Wake Forest

### AUGUST

## 22

**TUESDAY**  
MUSEUM OF ANTHROPOLOGY EXHIBIT. "Fashioning the Native," a master's thesis exhibit by graduate student Lisa Anderson. The exhibit is a historic look at Native American representations in natural history and anthropology museums and also explores the social and historical factors which have influenced how American museums perceive Native American cultures from the mid 1800s to the present day. Exhibit continues through Sept. 23. Museum of Anthropology. Free.

## 23

**WEDNESDAY**  
MEDICAL CENTER BLOOD DRIVE. Piedmont Plaza. 7 a.m.-4:30 p.m.  
MOVE-IN DAY FOR NEW STUDENTS. Late day activities include meetings with resident advisers, a student activity where a Wake Forest Comedy Theatre Troupe and mentalist Robert Channing will perform, and an ice cream social. 8 a.m.-5 p.m.  
MUM SALE. Reynolda Gardens will hold its annual fall sale of mums. Proceeds go to support the Gardens' education programs and maintenance of the gardens. Sales to occur in Rose Garden parking lot across from Summit School. Sale to continue through Sept. 8 or until all have been sold. 8 a.m.-4 p.m. daily.  
ART TRIP. Reynolda House will sponsor an art trip to the North Carolina Museum of Art to see the exhibit "Passionate Visions of the American South," self-taught artists from 1940 to the present. Reservations required; call 725-5325. 8:30 a.m.-4:30 p.m. Admission.

## 24

**THURSDAY**  
MEDICAL CENTER BLOOD DRIVE. Hanes Building. 7 a.m.-5:30 p.m.  
NEW STUDENT ORIENTATION. Events to include academic

orientation and small group meetings, orientation overviews for parents, library tours, receptions, and a transfer student social. Campus. 9 a.m.-11:30 p.m.  
NEW STUDENT CONVOCATION. New students and their families will attend. President Thomas K. Hearn Jr., Dean of the College Paul Escott, and Dean of Freshmen Paul N. Orser will welcome the Class of 1999. Wait Chapel. 12:30-1:45 p.m.

## 25

**FRIDAY**  
NEW STUDENT ORIENTATION. Language placement testings, conferences with academic advisers, international student reception, other activities. Campus. 9 a.m.-midnight.  
MEDICAL CENTER BLOOD DRIVE. Hanes Building. 7 a.m.-5:30 p.m.  
LECTURE. "The Genius of Artist William H. Johnson" by Brooke Anderson Linga, director of the Diggs Gallery of Winston-Salem State University. Reynolda House. 8 p.m. Admission.

## 26

**SATURDAY**  
NEW STUDENT ORIENTATION. Honor/conduct code discussions; "Demon Deacon Spirit," a musical and athletic program to let first-year students learn the alma mater, the fight song, and meet the coaches, the Demon Deacon Band and the cheerleaders; and a viewing of "Brian's Song." Campus Stadium (rain location: Reynolds Gym) at 8 p.m. Film to be shown on the Magnolia Court (rain location: Pugh Auditorium) at 9:30 p.m.  
N.C. REAL ESTATE EXAM. Tribble Lobby. 7:30 a.m.  
RETURNING STUDENT CHECK-IN. Campus. 8 a.m.-5 p.m.

## 27

**SUNDAY**  
NEW STUDENT ORIENTATION. A student life presentation, dinner with academic advisers, and a social activity. Campus. 2:30 p.m.-midnight.

RETURNING STUDENT CHECK-IN. Campus. Noon-5 p.m.

## 28

**MONDAY**  
NEW STUDENT ORIENTATION AND REGISTRATION FOR FALL COURSES.  
ART EXHIBITS. An exhibition of drawings by Seattle-based sculptor Robert Maki whose sculpture "Timaeus Pentagon" was installed in front of SFAC several years ago. Also, an exhibition by John Knecht which uses experimental computer animation technology with his related drawings. Exhibits continue through Sept. 28. SFAC Downstairs Gallery. 10 a.m.-5 p.m. Free.  
ART EXHIBIT. Selections from the WFU Print Collection that display the use of fantasy and artistic imagination, including works by Goya, Piranesi and Picasso. Exhibit continues through Sept. 28. SFAC Upstairs Gallery. 10 a.m.-5 p.m. Free.  
HUMAN RESOURCES ORIENTATION FOR NEW EMPLOYEES. Room 101, Reynolda Hall. 2-5 p.m.  
NEW FACULTY ORIENTATION. Magnolia Room. 4-8 p.m.

## 29

**TUESDAY**  
NEW STUDENT ORIENTATION. Events include registration review with student advisers; open houses for Pub Row, WAKE Radio and WAKE-TV; and group discussions about health issues. Campus. 9:30 a.m.-10 p.m.  
VALIDATION/REGISTRATION.

## 30

**WEDNESDAY**  
CLASSES BEGIN.

## 31

**THURSDAY**  
FOOTBALL vs. Appalachian State University, Groves Stadium. 7:30 p.m. Admission.

### SEPTEMBER

## 1

**FRIDAY**  
STUDENT ACTIVITIES FAIR. Magnolia Courtyard. 2-5 p.m. Free.

## 2

**SATURDAY**  
STAGE MANAGEMENT SEMINAR. Ring Theatre. 10 a.m.-2 p.m.  
ADIDAS-WAKE FOREST SOCCER CLASSIC. Davidson vs. Stanford University. Polo Field. 2 p.m. Free.  
ADIDAS-WAKE FOREST SOCCER CLASSIC. WFU vs. College of Charleston. Polo Field. 4 p.m. Free.

## 3

**SUNDAY**

## 4

**MONDAY**  
LABOR DAY. Staff holiday.

ADIDAS-WAKE FOREST SOCCER CLASSIC. Davidson vs. College of Charleston. Polo Field. 2 p.m. Free.  
ADIDAS-WAKE FOREST SOCCER CLASSIC. WFU vs. Stanford University. Polo Field. 4 p.m. Free.  
PROVOST'S FACULTY POT-LUCK PICNIC. Davis Field. 5:30 p.m. Free.

## 5

**TUESDAY**  
CAREER SERVICES: FIRST-YEAR CLASS MEETING. Pugh Auditorium. 11 a.m.  
CAREER SERVICES: SOPHOMORE CLASS MEETING. Pugh Auditorium. 4 p.m.

## 6

**WEDNESDAY**  
WOMEN'S NETWORK MEETING. "Fall Speakout." Room 401, Benson. 12:30-1:30 p.m.  
CAREER SERVICES: JUNIOR CLASS MEETING. Pugh Auditorium. 4 p.m.



# 7

THURSDAY

HUMAN RESOURCES BROWN BAG LUNCH. "Cross Stitching." Call 759-5562 to register. Room 101, Reynolda Hall. 12:30-1:30 p.m. Free. CAREER SERVICES: SENIOR CLASS MEETING Room 401, Benson. 4 p.m. STUDENT UNION COFFEEHOUSE. Albert Hill Band. Shorty's. 8 p.m. Free.

# 8

FRIDAY

PLEDGE NIGHT.

# 9

SATURDAY

WOMEN'S SOCCER vs. UNC-Asheville. Polo Field. 4 p.m. Free. FOOTBALL vs. Tulane. At Tulane. 8 p.m.

# 10

SUNDAY

# 11

MONDAY

# 12

TUESDAY

MINISTERIAL ALUMNI COUNCIL SEMINAR. "Teaching and Preaching from the Ten Commandments," by University Professor Walter Harrelson. Call Denominational Relations at 759-5225 for more information. Benson University Center. 9 a.m.-3:30 p.m. CAREER SERVICES: SENIOR ORIENTATION. Room 410, Benson. 11 a.m. WOMEN'S SOCCER vs. Georgia Southern. Polo Field. 3:30 p.m. Free. CAREER SERVICES: RESUME WRITING WORKSHOP. Room 407, Benson. 4 p.m. HARBINGER CORPS OPEN HOUSE/INTEREST MEETING. Admissions House. 5 p.m.

# 13

WEDNESDAY

LAST DAY TO ADD COURSES. DOCENT DISCOVERY. Reynolda House Museum of American Art will sponsor a program to introduce interested persons to the Reynolda House collection. This program which correlates art with literature and music will be held for seven sessions from Sept. 13-Oct. 4. 9:30 a.m.-noon each session. Registration required; call 725-5325. Reynolda House. Admission.

CAREER SERVICES: SENIOR ORIENTATION. Room 407, Benson. 4 p.m.

MEN'S SOCCER vs. Lenoir Rhyne. Polo Field. Time TBA. Free.

# 14

THURSDAY

PRESIDENT'S WEEKEND BEGINS.

Events continue through Sept. 16. OPENING CONVOCATION. "The Future of Race Relations in America" by Julius Chambers, chancellor of N.C. Central University in Durham, NC. Wait Chapel. 11 a.m. Free.

CAREER SERVICES: INTERNSHIP MEETING. Room 407, Benson. 11 a.m.

CAREER SERVICES: RESUME WRITING WORKSHOP. Room 409, Benson. 11 a.m.



MUSEUM OF ANTHROPOLOGY BROWN BAG LUNCH LECTURE.

"Archeology of Cuba: A Current Perspective" by Mary Jane Berman, director/curator of the Museum of Anthropology and WFU associate professor. Bring your lunch, drinks provided. Museum of Anthropology. 12:30-1:30 p.m. Free.

VISITING ARTIST LECTURE. John Knecht, exhibiting artist. SFAC Gallery. 3:30 p.m. Free.

CAREER SERVICES: SENIOR ORIENTATION. Room 409, Benson. 4 p.m.

ECUMENICAL INSTITUTE CONFERENCE. "A Consultation on Religious Authority: A Philosophical Analysis." Call Denominational Relations at 759-5800 for more information and registration. Continues through Sept. 16. Room 102, SFAC. Free.

STUDENT UNION COFFEEHOUSE. Jump Little Children Band. Shorty's. 8 p.m. Free.

# 15

FRIDAY

MBA ALUMNI COUNCIL MEETING. NATIONAL EARLYBIRD FORENSICS HIGH SCHOOL TOURNAMENT. 8 a.m.-5 p.m. Campus. WOMEN'S SOCCER vs. Georgia. Polo Field. 4 p.m. Free.

# 16

SATURDAY

MBA HOMECOMING. Events include management updates from 8:30 a.m.-noon and a pregame reception from 3:30-6:30 p.m. For more information, call 759-4906. LAW SCHOOL FAMILY DAY. WF VARSITY CLUB/FALL LETTERMAN'S DAY. Name of organization has been changed from Letterman's Club to WF Varsity Club. Former men and women student-athletes will be honored. Events include golf tournament and barbecue. The 1945 Deacon football team that won the first Gator Bowl and the 1955 National Champion baseball team will be honored. For more information, call Julie Griffin at 759-5976.

NATIONAL EARLYBIRD FORENSICS HIGH SCHOOL TOURNAMENT. Campus. 8 a.m.-5 p.m. WAKE FOREST MEN'S AND WOMEN'S CROSS COUNTRY CLASSIC. Water Tower Field. 9 a.m. Free.

FIELD HOCKEY vs. Virginia. Campus Stadium. 11 a.m. Free. MEN'S TENNIS. Scrimmage. Leighton Stadium. 1:30 p.m. Free. FOOTBALL vs. Clemson. Groves Stadium. 6:30 p.m. Admission.

# 17

SUNDAY

NATIONAL EARLYBIRD FORENSICS HIGH SCHOOL TOURNAMENT. Campus. FIELD HOCKEY. University of Virginia vs. Appalachian State. Campus Stadium. 1 p.m. Free. ANNIVERSARY CELEBRATION. Reynolda House will sponsor a "Twenty-Fifth Program Anniversary Celebration" with special tours, and a correlation of artist Thomas Hart Benton, composer George Gershwin and writer F. Scott Fitzgerald. Reynolda House. 2-4 p.m. Free.

# 18

MONDAY

CAREER SERVICES: RESUME CRITIQUES. Career Services Office. 1-4:30 p.m.

# 19

TUESDAY

LAW FUND TELETHON BEGINS. Telethon runs Sept. 19-21 and 24-28. CAREER SERVICES: SENIOR ORIENTATION. Room 407, Benson. 11 a.m. CAREER SERVICES: RESUME CRITIQUES. Career Services Office. 1-4:30 p.m. HUMAN RESOURCES CLASS. "Introduction to Excel." Call 759-5562 to register. Location TBA. 5:30-7:30 p.m. Free. WAKE FOREST CONSORT PERFORMANCE. Conducted by Stewart Carter, associate professor of

music. Brendle Recital Hall. 8 p.m. Free.

LECTURE. "Bringing the Doughty Birds Alive," by William Akers, president of Virginia Society of Ornithology. Reynolda House. 8 p.m. Admission.

# 20

WEDNESDAY

CAREER SERVICES: RESUME DROP DATE. Career Services Office. 8:30 a.m.-12:30 p.m. CAREER SERVICES: SENIOR ORIENTATION. Room 407, Benson. 4 p.m. CAREER SERVICES: INTERNSHIP MEETING. Room 410, Benson. 4 p.m.

# 21

THURSDAY

CAREER SERVICES: CAREER FEST '95. Room 401, Benson. 9 a.m.-5 p.m. VIDEO. "Play It Again, Nam," an introduction to video artist and engineer Nam June Paik. Video followed by a look at the Paik multimedia artwork. Reynolda House. Two showings: 9:30 a.m. and 3:30 p.m. Free.

HUMAN RESOURCES BROWN BAG LUNCH. "Back Problems?" Call 759-5562 to register. Room 101, Reynolda Hall. 12:30-1:30 p.m. Free.

HUMAN RESOURCES CLASS. "Introduction to Excel." Call 759-5562 to register. Location TBA. 5:30-7:30 p.m. Free.

FACULTY RECITAL. Louis Goldstein, professor of music, will perform on the piano. Brendle Recital Hall. 8 p.m. Free.

STUDENT UNION COFFEEHOUSE. Shorty's. 8 p.m. Free.

# 22

FRIDAY

SOUTHERN ATLANTIC STATES ASSOCIATION FOR ASIAN & AFRICAN STUDIES (SASASAAS) CONFERENCE. Benson. FIELD HOCKEY vs. Virginia Commonwealth. Campus Stadium. 4 p.m. Free.

OPENING RECEPTION. A reception to introduce a collection of modern art, including work by Hans Hofmann. Hofmann's work is on loan from the Arthur Ross Foundation. Reynolda House. 8 p.m. Free. STUDENT UNION PRESENTATION. Tom Deluca, magician and hypnotist. Location TBA. 9 p.m. Admission.

# 23

SATURDAY

SOUTHERN ATLANTIC STATES ASSOCIATION FOR ASIAN & AFRICAN STUDIES (SASAAAAS) CONFERENCE. Benson. N.C. REAL ESTATE EXAM. Tribble Lobby. 7:30 a.m.

JUVENILE DIABETES 5K WALK. Persons interested in participating should contact Mark Aust at 759-4278. Campus. Walk begins at 8 a.m. FIESTA '95. The Hispanic League of the Piedmont Triad will sponsor this fourth annual event. The afternoon will include Hispanic music, entertainment, dancing on the stage and in the plaza, children's activities, games, a Hispanic market area of arts and crafts, and vendor kiosks with international food and beverages. Corpening Plaza, downtown Winston-Salem. 11 a.m.-7 p.m. MEN'S SOCCER vs. Wofford. Polo Field. 3 p.m. Free. FOOTBALL vs. Navy. At Navy. 7 p.m.

# 24

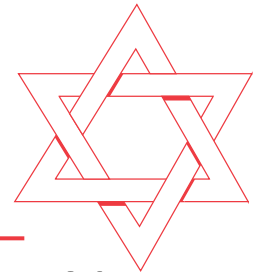
SUNDAY

FIELD HOCKEY vs. Duke. Campus Stadium. 1 p.m. Free. FAMILY NATURE STUDIO. A program for second through sixth graders, accompanied by an adult. Includes a nature walk and making of a leaf print on fabric. Reservations required; call 725-5325. Reynolda House. 2-4 p.m. Admission.

# 25

MONDAY

ROSH HASHANAH. HUMAN RESOURCES ORIENTATION FOR NEW EMPLOYEES. Room 101, Reynolda Hall. 2-5 p.m.



# 26

TUESDAY

HUMAN RESOURCES CLASS. "Windows 3.1 (Introduction)." Call 759-5562 to register. Technologies Training of the Triad, Brownsboro Rd. 8:30 a.m.-12:30 p.m. Free. CAREER SERVICES: SENIOR ORIENTATION. Room 407, Benson. 11 a.m. HUMAN RESOURCES CLASS. "Introduction to the Internet (e-mail)." Call 759-5562 to register. Location TBA. 5:30-7:30 p.m. Free. MEN'S SOCCER vs. Appalachian State. Polo Field. Time TBA. Free.

# 27

WEDNESDAY

LAST DAY TO DROP COURSES. CAREER SERVICES: MOCK INTERVIEWS. Career Services Office. 9 a.m.-5 p.m. CONTINUED ON FOLLOWING PAGE

CONTINUED FROM PREVIOUS PAGE  
BOOK DISCUSSION. Mary Britt of the Reynolds Homestead will lead a discussion on "The Stone Diaries" by Carol Shields. Reynolda House. 1 p.m. Admission.  
CAREER SERVICES: SENIOR ORIENTATION. Room 407, Benson. 4 p.m.

## 28

### THURSDAY

CAREER SERVICES: RESUME DROP DATE. Career Services Office. 8:30 a.m.-12:30 p.m.  
CAREER SERVICES: MOCK INTERVIEWS. Pre-registration required. Career Services Office. 9 a.m.-5 p.m.  
CAREER SERVICES: INTERVIEW PREPARATION. Room 410, Benson. 11 a.m.  
MEMORIAL SERVICE. For Professor of History David Hadley who died in June. Wait Chapel. 4 p.m.  
CAREER SERVICES: INTERNSHIP MEETING. Room 117, Carswell. 4 p.m.  
HUMAN RESOURCES CLASS. "Introduction to the Internet (e-mail)." Call 759-5562 to register. Location TBA. 5:30-7:30 p.m. Free.  
STUDENT UNION COFFEEHOUSE. Open Mike Night. Shorty's. 8 p.m. Free.  
DRAMA. The Theatre Alliance will present "Later Life" by A.R. Gurney; directed by William Dreyer. Reservations required; call 725-5325. Reynolda House. 8 p.m. Admission.

## 29

### FRIDAY

DIXIE CLASSIC FAIR BEGINS. Continues through October 8. Dixie Classic Fairgrounds.  
STUDIES ABROAD FAIR. Reynolda Main Lounge. 9 a.m.-3 p.m. Free.  
THEATER PRODUCTION OPENING NIGHT. "Noises Off." by Michael Frayn; directed by Donald H. Wolfe. Mainstage. Admission. 8 p.m.  
DRAMA. The Theatre Alliance will present "Later Life" by A.R. Gurney; directed by William Dreyer. Reservations required; call 725-5325. Reynolda House. 8 p.m. Admission.

## 30

### SATURDAY

N.C. ARCHEOLOGY SOCIETY MEETING. Benson.  
LSAT TESTING. Worrell Professional Center. 8:30 a.m.  
FOOTBALL vs. Virginia. At Virginia. Noon.  
DRAMA. The Theatre Alliance will present "Later Life" by A.R. Gurney; directed by William Dreyer. Reservations required; call 725-5325. Reynolda House. Two presentations: 5 p.m. & 8 p.m. Admission.  
THEATER PRODUCTION. "Noises Off." by Michael Frayn; directed by Donald H. Wolfe. Mainstage. Admission. 8 p.m.

# HOURS ETCETERA

### ACTIVITY LINE

For updates to the weekly film schedule, student union events, campus events, security information (parking lots that are closed) or sports events, call 759-4422. To add information, call 759-5788.

### ADMISSIONS

759-5201  
8:30 a.m.-5 p.m. Mo-Fr  
Information sessions and tours daily; some Saturday sessions are offered as well.  
Call for an appointment.

### ART GALLERY

Scales Fine Arts Center  
759-5585 / 759-5795  
10 a.m.-5 p.m. Mo-Fr  
1-5 p.m. Sa-Su

### ATHLETICS

*Relocation of offices:*  
SPORTS MARKETING—2598 Reynolda Road, Lovette House  
DEACON CLUB/DEVELOPMENT—2598 Reynolda Road, Lovette House  
TICKET OFFICE—2598 Reynolda Road, Lovette House  
CHEERLEADER COACH PAT SPAIN—Athletic Center  
WOMEN'S BASKETBALL—Athletic Center  
ATHLETIC DIRECTOR'S OFFICE—Athletic Center  
ATHLETIC BUSINESS—Athletic Center  
ATHLETIC COMPUTER—Athletic Center  
COMMUNITY PROGRAMS—Athletic Center  
SPORTS INFORMATION—Athletic Center

ATHLETICS TICKET OFFICE  
2598 Reynolda Road, Lovette House  
759-5613 or 1-800-772 WAKE (9253)  
8:30 a.m.-5 p.m. Mo-Fr

### AUDIOVISUAL SUPPORT & PRINTING SERVICES

For questions about printing, copying and computer graphics, contact Frances Reaves, the Reynolda Campus representative, at 759-5307. The office is in Room 304 of the Z. Smith Reynolds Library. Hours are 9 a.m. to 4 p.m. Mo-Fr.

### BARBER SHOP

Lower level, parking lot side,  
Taylor House  
759-2443  
9 a.m.-5 p.m. Mo-Fr  
9 a.m.-noon Sa

### BENSON UNIVERSITY CENTER

Normal Hours:  
7:30 a.m.-midnight Mo-Sa  
9:30 a.m.-midnight Su

### BENSON CENTER OFFICES

Room 335, 759-4869  
8:30 a.m.-5 p.m. Mo-Fr  
Services and items available include: a fax machine for sending or receiving—759-4744 (charge for services); posters made from 8 1/2 by 11 and 8 1/2 by 14 flyers (charge); poster paper for large banners (charge); discount tickets for Winston-Salem movie theaters (charge); guest passes and family IDs for the fitness level; room reservation forms for meeting room space.

### FITNESS LEVEL

759-4821  
Normal Hours:  
7:30 a.m.-10 p.m. Mo-Th  
7:30 a.m.-7 p.m. Fr  
11 a.m.-4 p.m. Sa  
4-10 p.m. Su  
Closed holidays and school breaks  
Treadmills, stationary cycles, free weights, rowing machines, stair climbers; a room for aerobics, karate, yoga and dance. ID required to use facilities.

### MEETING ROOMS

The Benson Center provides meeting rooms of various sizes and configurations. Reservation request forms are available in room 335 during regular business hours.

### INFORMATION DESK

3rd floor, Benson Center  
759-5255  
7:30 a.m.-midnight Mo-Sa  
9:30 a.m.-midnight Su  
General information on campus events, key check-out for meeting rooms and student offices. Secret Artist Series tickets for students, Lost and Found.

### MOVIE TICKETS

Discount movie tickets for Winston-Salem theaters are available in Room 335, Benson.

### BOOKSTORE

Taylor House  
General Book Department: 759-5605  
Supply Department: 759-5144/5145  
Textbook Department: 759-5141  
Fax number: 759-4677  
Supply orders may now be placed via e-mail. Send orders to univstor@wfu.edu  
Hours for the General Book & Supply Departments: 8:30 a.m.-6 p.m. Mo-Fr; 9:30 a.m.-5 p.m. Sa

Hours for the Textbook & Computer Departments: 8:30 a.m.-6 p.m. Mo-Fr; closed weekends

BRENDLE RECITAL HALL  
For schedule and bookings, call Jay Lawson at 759-5104.

### CAMPUS MINISTRY

302 Wingate Hall  
759-5248

### UNIVERSITY CHAPLAIN

Ed Christman, 759-5210  
105 Wingate Hall

### THURSDAY MORNING WORSHIP

11 a.m., Davis Chapel

### WAKE FOREST BAPTIST CHURCH

Room 112, Wingate Hall  
Richard Groves  
11 a.m. Su, Wait Chapel

### CAMPUS RELIGIOUS ORGANIZATIONS AND ADVISERS.

BAPTIST: David Fouche, 759-5021  
CATHOLIC: Curt Kremel, 759-5018  
CHI RHO: Ed Christman, 759-5210  
EPISCOPAL: Bob McGee, 759-5249  
FELLOWSHIP OF CHRISTIAN ATHLETES: Jack Lewis, 759-6000  
GOSPEL CHOIR: 759-5864  
INTERVARSITY CHRISTIAN FELLOWSHIP: Brad & Marmi Houff, 759-5790  
JEWISH: Andrew Eitin, 759-5403  
LUTHERAN: Grant Morrison, 759-6410; Amanda Barger, 759-1511  
PRESBYTERIAN: Stewart Ellis, 765-8779  
UNITED METHODIST/WESLEY FOUNDATION: David Riffe, 759-5019

### COMPUTING SERVICES

COMPUTER SUPPORT CENTER  
203 Z. Smith Reynolds Library  
8:30 a.m.-midnight Mo-Th  
8:30 a.m.-5 p.m. Fr  
Noon-5 p.m. Sa  
Noon-midnight Su  
Consultants available for all computer-related questions. For telephone help, call 759-4272 or 759-4879.



### COPY CENTERS

REYNOLDA HALL COPY CENTER  
09 Reynolda Hall  
759-5251  
Hours: 8:30 a.m.-5 p.m. Mo-Fr  
Fax: 759-6074

### PROFESSIONAL CENTER

COPY CENTER  
1123 Worrell Center  
759-4543  
Hours: 8:30 a.m.-5 p.m.

### DEACON SHOP

Kitchin House  
759-5606/4469  
Fax number: 759-4677  
Orders may now be placed via e-mail. Send orders to: univstor@wfu.edu  
Normal Hours:  
8:30 a.m.-6 p.m. Mo-Fr  
9:30 a.m.-5 p.m. Sa

### VILLAGE DEACON SHOP

Reynolda Village  
722-9547  
Hours: 10:30 a.m.-7 p.m. Mo-Fr  
10:30 a.m.-6 p.m. Sa

### PORTABLE DEACON SHOP

At athletic events

### DINING SERVICES

BENSON CENTER FOOD COURT  
Grill, deli, sweet shop, Pizza Hut, Taco Bell  
Normal Hours:  
7:30 a.m.-11 p.m. Mo-Fr  
10:30 a.m.-11 p.m. Sa-Su  
Taco Bell and Pizza Hut open until midnight

### MAGNOLIA ROOM

Located on the second floor of Reynolda Hall  
11 a.m.-1:30 p.m. Mo-Fr

### REYNOLDA HALL CAFETERIA

For daily menu, call 759-6050.  
Normal Hours:  
Mo-Sa:  
7-10 a.m. breakfast  
10-11 a.m. continental breakfast  
11 a.m.-1:30 p.m. lunch  
1:30-5 p.m. late lunch  
5-7 p.m. dinner  
Su:  
9:30 a.m.-1:30 p.m. brunch  
1:30-5 p.m. late lunch  
5-7 p.m. dinner

### FRESHENS PREMIUM YOGURT

Available in Reynolda Hall Cafeteria  
10:30 a.m.-7 p.m. daily

### KENTUCKY FRIED CHICKEN

Located in Reynolda Hall Cafeteria  
10:30 a.m.-7 p.m. daily

### SUBWAY

Located in Reynolda Hall Cafeteria  
10:30 a.m.-7 p.m. daily

### CATERING

22 Reynolda Hall  
759-5610  
8:30 a.m.-4:30 p.m. Mo-Fr

### EDUCATION MEDIA CENTER/ CURRICULUM MATERIALS CENTER

A2A/A2E Tribble Hall  
Audiovisual checkout for classroom use only  
8:30 a.m.-5 p.m. Mo-Fr  
For information, call Sandra Blankenship at 759-5525.

**FACILITIES MANAGEMENT  
CUSTOMER SERVICE CENTER**

759-4255  
8 a.m.-5 p.m. Mo-Fr  
Requests for services should include name and phone number of person reporting the problem, the location, zone number, exact problem, etc. After hours or weekend requests (or when phone lines are busy) will be forwarded to voice mail and will be followed up accordingly.

**FANCY GAP HOUSE AND  
PRESIDENT'S HOUSE**

The Fancy Gap House sleeps 23. The President's House, located just past the Fancy Gap House, sleeps 4. For information on departmental and personal reservations, call 759-5611.

**FLYER DISTRIBUTION**

Permission must be granted for flyer distribution on the Reynolda Campus. Following are the names of those who must be contacted:

**In the Benson University Center:**

Joanna Iwata, 759-5228

**On campus:**

Mike Ford, 759-5921

**On cars:**

Regina Lawson, 759-6066

**In residence halls:**

Connie Carson, 759-5185

**GRAYLYN INTERNATIONAL  
CONFERENCE CENTER**

For information on elegant accommodations, call 727-1900.

**INFORMATION DESK**

759-5255  
See complete listing of services under Benson University Center information.

**INFORMATION TECHNOLOGY  
CENTER**

759-4649  
ite@lib.wfu.edu  
Edwin G. Wilson Wing, Z. Smith Reynolds Library  
Film and video searches, reservations and circulation; video and laser disc purchase coordination; audio and video tape duplication; multimedia development and technical support.  
Hours are the same as the Z. Smith Reynolds Library.  
See schedule under Libraries.

**LIBRARIES**

**Z. SMITH REYNOLDS LIBRARY**  
Circulation desk: 759-5476  
Reference desk: 759-5475  
Library hours hotline: 759-4931  
Normal Hours:  
8 a.m.-midnight Mo-Th  
8 a.m.-9 p.m. Fr  
9 a.m.-9 p.m. Sa  
Noon-midnight Su  
For verification of exception hours, call the hours hotline. The hours are also posted on the library door and are available at the Circulation desk. Miniature copies of the library schedule are available to the public as well.

**PROFESSIONAL  
CENTER LIBRARY**

Circulation desk: 759-5438  
Reference desk: 759-4520  
Normal Hours:  
7 a.m.-midnight Mo-Th  
7 a.m.-10 p.m. Fr  
9 a.m.-9 p.m. Sa  
10 a.m.-midnight Su

**COY C. CARPENTER LIBRARY,  
BOWMAN GRAY SCHOOL OF  
MEDICINE**

Circulation desk: 716-4414  
Reference desk: 716-4287 or 716-2976  
Normal Hours:  
7 a.m.-midnight Mo-Th  
7 a.m.-7 p.m. Fr  
10 a.m.-7 p.m. Sa  
1 p.m.-midnight Su

**MAIL SERVICES**

Poteat Residence Hall  
759-5298  
Hours: 8:30 a.m.-5 p.m. Mo-Fr

**MOVIE TICKETS**

Discount movie tickets for Winston-Salem theaters are available in Room 335, Benson.

**MUSEUM OF ANTHROPOLOGY**

759-5282  
Normal Hours:  
10 a.m.-4:30 p.m. Tu-Sa  
Closed Sundays and Mondays.

**POST OFFICE**

759-4449  
Hours: 8 a.m.-4 p.m. Mo-Fr

**PRINTING SERVICES**

For information, call Frances Reaves, at 759-5307 (Reynolda Campus) between 9 a.m. and 4 p.m., or 716-7992 (Hawthorne Campus). For graphics and design, call 716-4298.

**RECREATION**

For information, call 759-5391.

**SWIMMING POOL**

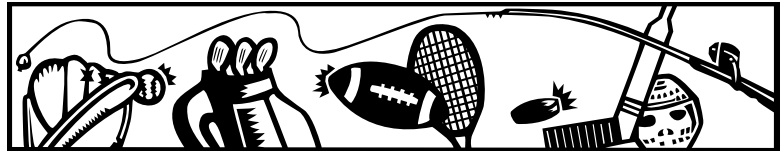
Reynolds Gymnasium  
Open recreational swimming:  
2-5 p.m. Su  
6:30-8:30 p.m. Mo, We  
Fitness swimming:  
11 a.m.-1 p.m. and 4-6:30 p.m. Mo-Fr  
ID required

**REYNOLDS GYMNASIUM/  
RACQUETBALL COURTS**

Hours:  
Noon-10 p.m. Su  
8 a.m.-11 p.m. Mo-Th  
8 a.m.-10 p.m. Fr  
10 a.m.-8 p.m. Sa  
Except when in use by classes, approved special groups or intramural sports.  
ID required

**EQUIPMENT CAGE**

204A Gym  
Hours:  
8:30 a.m.-8:30 p.m. Mo-Th  
8:30 a.m.-7 p.m. Fr  
Closed Sa-Su  
ID required



**INDOOR TENNIS CLUB**

For hours, fees and other information, call 759-5634 or 759-5629.

**TENNIS COURTS AND FIELDS**

Open for play except when in use for varsity practice, classes or intramural sports. Reservations must be made through the Intramural Office, Room 214, Gymnasium, or call 759-5838.

**WEIGHT ROOM**

104 Gym  
Hours:  
4-8:30 p.m. Mo-Fr  
Closed Sa-Su  
ID required

**RECYCLING**

Wake Forest conducts a campus-wide white office paper recycling program. Recycling bins for aluminum, white & colored paper (all colored paper can now be placed in the same container, excluding magazines, glossy paper, and newspaper), and newspapers are located in most buildings. Bins for the recycling of clear glass ("Clearly Canadian" bottles and clear glass can now be placed in the same container), colored glass, plastics, corrugated cardboard, steel and tin cans are located elsewhere on campus. For their locations, contact Jerome McDaniel, recycling coordinator, at 759-6097.

**REYNOLDA VILLAGE**

Reynolda Road  
759-5584  
Over 25 distinctive shops and restaurants. Most stores are open Monday through Saturday, 10 a.m.-5 p.m. Restaurants are open for lunch and dinner.

**SECURITY**

**UNIVERSITY POLICE**  
Emergencies:  
From campus phones: 911  
From off-campus lines and pay phones: 759-5911  
Non-emergencies: 759-5591  
Teletype Device for the Deaf (TDD): 759-5911

**BICYCLE REGISTRATION**

Free service to deter theft and increase chance of recovery. Please bring the following information when you come to register: make, model, size and serial number. For additional information, call 759-5591.

**CAMPUS CRIME STOPPERS**

759-4477  
Cash for helpful information on campus crimes. All reports confidential.

**OPERATION ID**

759-4332  
Engraving tool may be borrowed to identify personal items. Identifying property deters theft and assists in recovery of stolen items.

**PARKING**

Vehicle registration:  
8:30 a.m.-4 p.m. Mo-Fr  
Ticket inquiries and parking information:  
8:30 a.m.-5 p.m. Mo-Fr or call 759-6123 or 759-6066.  
After 5 p.m. and weekends: call 759-5591.  
For additional information about parking lot closings, call the WFU Activity Line, 759-4422.

**SELF DEFENSE COURSES**

Rape Aggression Defense (RAD) courses are taught by trained personnel. For additional information, call 759-5591.

**SHUTTLE BUS**

Don't walk alone at night! For safe transportation around campus and to parking lots, contact University Police at 759-5591. WFU ID required.  
Hours of operation: dark until 1 a.m., Sunday-Thursday. (Call 759-4422 for specific hours.)

**SERVICE HOTLINE**

759-4819  
Call if the following are needed: a light bulb changed, general bathroom cleaning, unclogging of a drain or sink, or pest control service. Message is taken by answering machine. Response will be by the end of the next business day.



**SUNDRY SHOP**

Davis House  
759-5604  
Hours:  
8 a.m.-midnight Mo-Fr  
2 p.m.-midnight Sa-Su

**THEATER BOX OFFICE**

759-5295  
Hours:  
Noon-5:30 p.m. Tu-Sa  
Two weeks prior to performances and through final show

**UNIVERSITY CLUB**

A social and service club that is open to all female faculty, staff and spouses. For additional information or if you would like to join call Norma Perricone, president, at 768-7246. Memberships are \$15 per year.

**VOLUNTEER SERVICE CORPS**

317 Benson  
759-5290 or 759-4549  
This organization seeks to broaden and enrich students' educational experience by helping them become a part of the volunteer community in Winston-Salem. Areas of service include building houses, tutoring, battered women's services, handicapped services, Hospice, Big Brothers/Big Sisters, Humane Society, and hospital services. For more information, contact Betsy Greer at 759-5290 or 759-4549.

**WACHOVIA BANK**

Davis House  
Hours:  
9 a.m.-5 p.m. Mo-Th  
9 a.m.-6 p.m. Fr  
For computerized phone access account information, call 722-7887 or 1-800-922-4684. For other questions, call 759-7576 (entire number must be dialed from campus).

**WEATHER LINE**

**CLOSINGS AND  
CANCELLATIONS**  
For news about campus plans in the event of bad weather or other emergency, tune to radio stations WFDD and WSIS (no other stations will carry WFU announcements). Employees with voice mail also may call 759-4400 and check for messages; employees without voice mail should call 759-5935. Undergraduate and graduate students should call 759-5255. Law/MBA students and Cardiac Rehab patients may also call special numbers announced by their directors.

**WELCOME CENTER**

759-4926  
8:30 a.m.-5 p.m. Mo-Fr  
For information sessions and tours, please see information listed under Admissions.

**WFDD**

Listener-supported public radio broadcasting music and NPR news 24 hours a day at 88.5 FM. For program information, call 759-8850.

# Faculty Focus

## PROMOTIONS

The following Reynolda Campus faculty members received promotions effective July 1:

*From associate professor to professor:* CAROLE BROWNE, biology; PHILIPPE FALKENBERG, psychology; WILLIAM HAMILTON, German and Russian; DAVID HILLS, psychology; NATALIE HOLZWARTH, physics; HUGO LANE, biology; KATHLEEN SMITH, politics; and MARK WELKER, chemistry.

*From assistant professor to associate professor:* MARY JANE BERMAN, anthropology; J. KLINE HARRISON, business and accountancy; PATRICK MORAN, East Asian languages and literatures; MARY LYNN REDMOND, education; RICHARD SCHNEIDER, School of Law; MARGARET TAYLOR, School of Law; TODD TORGERTSON, mathematics and computer science; DAVID WEINSTEIN, politics; and ULRIKE WIETHAUS, humanities.

## AMERICAN STUDIES

■ MAYA ANGELOU recited a new poem at the June 26 ceremony marking the 50th anniversary of the United Nations Charter in San Francisco.

## ANTHROPOLOGY

■ NED WOODALL presented a paper entitled "Late Woodland and Lamar in Northwestern North Carolina: Archaeological Correlates of an Ethnographic Fuzzy Set," at the Society for American Archaeology May 7 in Minneapolis.

■ DAVID S. WEAVER participated in a panel discussion on "Careers in Medical Anthropology and Health Care Services: Working Across Boundaries," at the annual meetings of the Southern Anthropological Society in Raleigh on April 21.

## ART

■ ROBERT KNOTT has been appointed department chair.

## BABCOCK GRADUATE SCHOOL OF MANAGEMENT

■ RAM BALIGA coached the team of Myrna Schkolne, Andris Umblis and Teo Eris, which won the KPMG Peat Marwick MBA Case Competition at George Washington University in April.

■ JACK D. FERNER wrote "Better Time Management: the ABCs," in the May 1 issue of Boardroom Reports. He is the author of Successful Time Management: A Self-Teaching Guide (New York: John Wiley & Sons).

■ KIM FREEMAN wrote an article on "A Theory of Equitable Performance Standards" which has been accepted for publication in Journal of Management.

■ CHARLES MOYER had the following article accepted for publication in the Managerial Finance Journal: "Signalling and Mimicry: The Evidence from Firm Goal Definition." The paper is co-authored with Jean Francois Regnard (Bordeaux) and Ramesh Rao at Texas Tech. He presented the paper at the European Financial Management Association meeting in London in June.

■ AJAY PATEL wrote "An Empirical Examination of Call of Convertible Bonds When They Are Out of the Money" to be published in Advances in Quantitative Analysis of Finance and Accounting.

■ BRUCE RESNICK received an Alumni Teaching Award from the Class of 1993.

■ GARY SHOESMITH will publish "Cointegration, Error Correction, and Price Discovery on Informationally Linked Security Markets" with Tom McInish and Bob Wood in Journal of Financial and Quantitative Analysis. He presented "The Competition for Order Flow in NYSE-Listed Stocks" at the American

Economic Association Meetings held in Washington, D.C., in January.

## BIOLOGY

■ CAROLE BROWNE and WAYNE SILVER submitted a proposal to the National Science Foundation entitled "Integration of Laboratory Exercises in Development and Neurobiology Courses Using the Xenopus Oocyte Expression System" which has been funded for \$44,000 from Jan. 1, 1996 to Dec. 31, 1997.

■ JAMES F. CURRAN submitted a proposal entitled "Analyses of Decoding by Inosine-Containing tRNA" which has been funded by the National Institutes of Health for \$92,259 from June 1, 1995 through May 31, 1998.

■ KATHY KRON submitted a proposal entitled "REU Supplement to NSF Grant" which was funded for \$5,000 by the National Science Foundation. Her proposal, "The Utility of Nuclear Ribosomal DNA Internal Transcribed Spacer Region in the Detection of Hybrid Individuals of Deciduous Azaleas" was funded for \$3,000 by The American Rhododendron Society.

## CALLOWAY SCHOOL OF BUSINESS AND ACCOUNTANCY

■ HELEN BOWERS was named a Visiting Scholar at the Office of the Comptroller of the Currency July 31 to Aug. 2.

■ DENNIS COLE contributed to a chapter entitled "Developing a Life Satisfaction Measure Based on Need Hierarchy Theory" in New Dimensions in Marketing/Quality-of-Life Research (Quorum Books: Westport, Conn., London).

■ JON DUCHAC published "The Impact of Accounting for Oil and Gas Reserves on the Relation Between Returns and Earnings" in the Journal of Accounting Abstracts.

■ KLINE HARRISON was interviewed by Business North Carolina in an article title "Changes in Latitude, Changes in Attitude" published in the August 1995 issue. He published an article entitled "Developing Successful Expatriate Managers: A Framework for the Structural Design

and Strategic Alignment of Cross-Cultural Training Programs" in Volume 17, No. 3, 1994 issue of Human Resource Planning.

■ PAUL JURAS recently completed a summer research internship with the international accounting firm Price Waterhouse LLP. Among his projects was the validation of test data for the company's new activity-based costing software.

■ HORACE KELLY, JOHN DUNKELBERG and TOM GOHO wrote a case named "Mac's Model Toys" which has been accepted for publication in Strategic Management: Text and Cases, fourth edition, Allyn and Bacon, publishers.

■ KATHRYN NICKLES coauthored an article, "Judgment-Based and Reasoning-Based Stopping Rules in Decision Making Under Uncertainty," that was the subject of a poster presentation at the Conference on Subjective Probability, Utility and Decision Making in Jerusalem, Israel, Aug. 20-24. Other authors were S.P. Curley and P.G. Benson. She submitted to the Blackwell Encyclopedia of Management an article titled "Failure of Information System Applications."

■ RALPH TOWER made a presentation on April 13, 1995 at Guilford College on "Contemporary Japanese Business" for the Japan-America Society.

■ JACK WILKERSON was interviewed by Business North Carolina on "Creative Accounting: Doing More With Less." The interview was published in the July 1995 issue.

## CHEMISTRY

■ PHILIP S. HAMMOND received \$18,395 in funding from the National Institutes of Health/NIDA for his proposal entitled "Pharmacotherapy of Cocaine Abuse I. Medicinal Chemistry."

■ WILLIE L. HINZE published "Utilization of Micelle-Mimetic Intramolecular Ionene Aggregates as the Mobile Phase in Thin-Layer Liquid Chromatography" (with L.W. Feng, B. Moreno, F.H. Quina, Y. Suzuki and H. Wang) in Analytical Sciences Vol. 11 (1995) 183-187. He organized and instructed in a short course on "Enantiomeric Separations" at the Sixth International Symposium

on Chiral Discrimination held April 28-29 in St. Louis. He was elected president of The North Carolina Institute of Chemists for April 1995-April 1997.

#### COMMUNICATION

■ **MARY M. DALTON** published "The Hollywood Curriculum: Who is the 'Good' Teacher?" in *Curriculum Studies*, Vol. 3 No. 1, pp. 23-44.

■ **JOHN T. LLEWELLYN** presented "Evaluating Corporate Claims of Social Responsibility: Developing a Citizenship Checklist," at the 65th Annual Convention of the Southern States Communication Association on April 6 in New Orleans.

■ **ALLAN LOUDEN** received the Outstanding Coach Award from the Southern Forensic Association at the Southern Communication Association Convention April 7 in New Orleans.

■ **JILL McMILLAN** served as a respondent to the panel "Organization Rhetoric and Healthcare Policymaking" at the Southern Speech Communication Association Meeting in New Orleans. She and George Cheney coauthored "The Student as Consumer: The Limitations of a Metaphor," presented at the annual meeting of the International Communication Association in Albuquerque, N.M., in May.

■ **ROSS SMITH** directed the debate team to the third consecutive "Final Four" finish at the National Debate Tournament hosted by West Georgia College March 31-April 3.

#### EDUCATION

■ **NANCY R. CROUCH** and **JACKIE M. HUNDT** of the Western Triad Science and Mathematics Alliance submitted a proposal, "Get, Set, Go," (Girls and Educators Teaming in Science Education to Generate Opportunities), which was funded for \$796,798 by the National Science Foundation. The three-year project will serve 42 middle schools in the region and 20 satellite middle schools in other areas of North Carolina. Hundt submitted a proposal on "Growing with K.I.D.S." (Kids Involved in Doing Science) which has

been partially funded by the American Chemical Society for \$480.

■ **JOE MILNER** received \$17,000 in funding from the National Writing Project Corporation at UC/Berkeley for his proposal entitled "North Carolina Writing Project."

■ **HERMAN PRESEREN (EMERITUS)** won a ribbon and a mention in the record books by placing sixth out of 15 swimmers in the 400-meter race at the National Senior Olympics held May 21-24 in San Antonio. He finished seventh out of 15 in the 200-meter backstroke, seventh out of 19 in the 200-meter freestyle, and ninth out of 21 in the 50-meter backstroke.

■ **LORAIN STEWART** wrote "Addressing Cultural Diversity Through Literature" which was published in the *Early Childhood/Elementary Social Studies Newsletter* of the National Council for the Social Studies, Spring 1995. She presented a workshop on "Integrating African-American Literature into the Elementary Curriculum" as part of Winston-Salem State University's Summer Institute and Project, "A Community-Based Model for Teacher Training on a Pluralistic Society" on June 22. Her

article, "Integrating African-American Literature in the Elementary Social Studies Classroom," was published in *Reading Horizons*, Vol. 35 No. 5.

#### ENGLISH

■ **BASHIR EL-BESHTI** delivered a paper on "Difference and its Erasure in the Middle Ages: Tartars and Saracens in the Writings of Rubruck and Mandeville," to the 30th International Congress on Medieval Studies, May 4-7 at Western Michigan University.

■ **JULIE GROSSMAN** published "It's the Real Thing: Henry James, Photography and The Golden Bowl," in *The Henry James Review* Vol. 15 No. 3, Fall 1994. She delivered a paper on "Jude and the Early Novel" at the Thomas Hardy Conference: One Hundred Years After Jude the Obscure, May 5-7 in Athens, Ga.

■ **SCOTT W. KLEIN** was the invited moderator of a panel titled "Specters of Marx" at the International Narrative Conference, Park City, Utah, April 21. He chaired a panel on "Stephen Hero' and 'A Portrait of the Artist'" and offered a paper on "Repressing Scott: 'A Portrait of the Artist' and the Historical

Novel," at the 1995 James Joyce Conference: Joyce and Modern Culture, held June 12-16 at Brown University.

■ **BARRY MAINE** was an invited guest on National Public Radio's "Talk of the Nation" on April 27. The topic was 1930s America writer John Dos Passos.

■ **TERESA MICHALS** delivered a paper, "Protecting the 'Timid Line': Wordsworth and Copy-right," to the Washington Area Romanticists Group on April 29.

■ **ELIZABETH PETRINO** read a paper entitled " 'Silent Eloquence': The Use of Socially Codified Floral Metaphors in the Poems of Emily Dickinson and Frances Sargent Osgood," on the Nineteenth-Century American Literature panel at the Northwest Modern Language Association Convention March 31-April 1 in Boston.

■ **GALE SIGAL** was secretary of the Medieval French Session of the Northeast Modern Language Association Convention which met March 30-April 2 in Boston. She presented a paper, "The Troubadour's Lady: Her Sexuality, Her Status and Her Critics," at the 30th International Congress on Medieval Studies held in Kalamazoo, Mich., May 5.

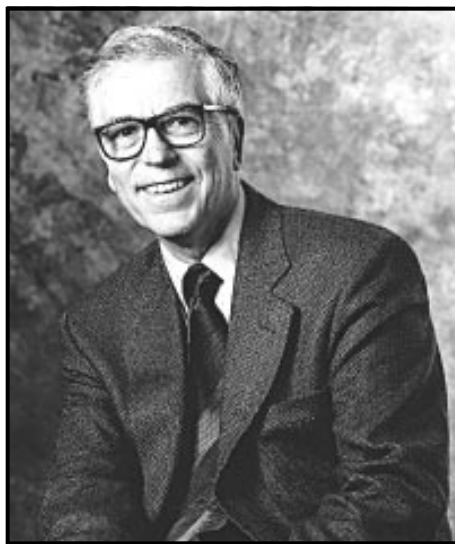
#### GRADUATE SCHOOL

■ **GORDON MELSON** submitted a proposal entitled "Science and Technology Roundtable" which was funded for \$500 by the N.C. Biotechnology Center.

#### HEALTH AND SPORT SCIENCE

■ **PETER H. BRUBAKER** traveled to Seoul, South Korea, to participate in an American College of Sports Medicine workshop on exercise testing June 18-25. He authored or co-authored five papers that were presented at the annual meeting of the American College of Sports Medicine in Minneapolis May 31-June 3.

■ **JACK REJESKI** submitted a proposal entitled "Claude D. Pepper Older Americans Independence Center" which has been awarded \$90,000 from the National Institutes of Health from July 1, 1995 to June 30, 1996.



Professor of History **JAMES P. BAREFIELD** has been awarded a Wake Forest Professorship. Barefield, a faculty member since 1963 who coordinates the University's honors program and its study abroad program in Venice, Italy, is the ninth recipient of the professorship. The honor is given to faculty members who have demonstrated extraordinary teaching skills and commitment to developing students.

## HISTORY

■ **RICHARD C. BARNETT** (EMERITUS) has received the 1995 Schoonmaker Faculty Prize for Community Service. He was recognized for his contributions to the campus community as president of the Humanities Club, acting dean of the graduate school, chair of the history department and adviser to transfer students. He was adviser to Delta Sigma Phi fraternity, co-faculty adviser of the first CHALLENGE symposium and faculty adviser to Phi Alpha Theta history honors society. He was president of the Southern Conference on British Studies and president of the Carolina Symposium of British Studies. He has been president for several years and a member of the regional group English Speaking Union.

■ **J. EDWIN HENDRICKS** has been named department chair.

MATHEMATICS AND  
COMPUTER SCIENCE

■ **ELLEN KIRKMAN** presented a paper entitled "Global and Krull dimensions of quantum Weyl algebras" (with Hisaaki Fujita and James Kuzmanovich) in the Special Session on Associative Algebra at the joint meeting of the American Mathematical Society and Israel Mathematical Union, Jerusalem, Israel, May 14-16.

■ **STAN THOMAS** submitted a proposal entitled "Visiting Professor of Computer Science at the U.S. Air Force Academy" which was funded by the U.S. Air Force Academy for \$57,373 from July 1995 to June 1996.

## MUSIC

■ **LOUIS GOLDSTEIN** delivered a paper on "Morton Feldman and the Shape of Time" at the national meeting of The Sonneck Society for American Music.

■ **PETER KAIROFF** and violinist Sarah Johnson of the N.C. School of the Arts faculty recently recorded a CD called "American Romantics." They will perform the repertoire on a concert tour next spring in Italy and Switzerland.

■ **DAN LOCKLAIR'S** composition, "Creation's Seeing Order," was performed by the Chautauqua Symphony Orchestra on

July 1. "For Amber Waves" was performed on May 7 by The Washington Singers, and "Rubrics" was presented by organist Florence M. Jowers on June 1 at Piccolo Spoleto Festival in Charleston and June 14 at the Lichtenstein Palace of the Academy of Music in Prague, Czech Republic. His work, "Diminishing Returns," was premiered by the North Carolina School of the Arts Percussion Ensemble on May 6.

## PHILOSOPHY

■ **WIN-CHIAT LEE** reviewed Hoyt Cleveland Tillman's book, Confucian Discourse and Chu Hsi's Ascendancy, in Journal of Asian and African Studies XXIX, 1-2 (1994), 142-144. He is also the author of the chapter on Han Fei in Ian P. McGreal ed., Great Thinkers of the Eastern World (New York: HarperCollins, 1995), 44-49. He also wrote the report on the session, "The Consistency of Liberty and Equality," for the 1994 AMINTAPHIL Charleston conference.

## PHYSICS

■ **PAUL ANDERSON** was coauthor of a paper entitled "stress-energy tensor of quantized scalar fields" that was published in Physical Review D Vol. 51 (4337-4358). He coauthored "Semiclassical Stability of the Extreme Reissner-Nordstrom Black Hole" in Physical Review Letters Vol. 75 (4365-4368).

■ **KEITH D. BONIN** received \$66,770 from the Office of Naval Research to fund his proposal, "Molecular Design Institute Subcontract." The award is for May 1, 1995 through Sept. 30, 1996.

■ **RICHARD WILLIAMS** submitted a proposal entitled "2-Week Project Development Visit for Collaboration on Heavy Fast Scintillator Materials" which was funded for \$2,000 by the National Academy of Sciences.

## POLITICS

■ **KATY HARRIGER** was selected as a William C. Friday Fellow for Human Relations.

■ **WEI-CHIN LEE** wrote a review of China Under Reform (Lowell, Dittmer and Westview) in Asian Thought and Society 57 (1994) 264-265. He was a panelist in the Round Table on ROC's

Foreign Policy in the 1990s April 21-23 at the University of South Carolina in Columbia. He presented a paper, "Medal of Wealth: Economic Conversion of China's Defense Industry to Civilian Production," at the International Studies Association Meeting Feb. 21-25 in Chicago.

## RELIGION

■ **SAM GLADDING** has been appointed acting chair of the department.

## SCHOOL OF LAW

■ **WILLIAM THOMAS BARRETT** published "Open Access: Using a Law School Wide LAN to Improve Service and Lower Costs," in the NALP Bulletin, May 1995.

■ **DON R. CASTLEMAN** has been invited to study at the Ludwig von Mises Institute at Auburn University this summer. He studied the Austrian School of Economics.

■ **KATHERINE MEWHINNEY** has been named to the board of directors of the National Academy of Elder Law Attorneys.

■ **JOEL NEWMAN** received a Fulbright Fellowship to teach Taxation of International Transactions and Professional Responsibility at Xiamen University in the People's Republic of China this fall. He wrote "A Comparative Look at Three British Tax Cases" which appeared in Tax Notes, June 12, 1995.

■ **ALAN R. PALMITER** has coauthored "Judicial Schizophrenia in Shareholder Voting Cases," which was selected by the Corporate Practice Commentator as one of the best corporate and securities articles of 1994.

■ **RALPH PEEPLES** became academic associate dean on Aug. 1. He replaced Miles Foy, who has returned to full-time teaching. The Robert Wood Johnson Foundation has granted \$98,446 in support of a 19-month evaluation of court-ordered mediation in medical malpractice cases to be directed by Peeples.

■ **RONALD PRICE** has published the 1994 supplement for use in 1995 for the North Carolina Criminal Trial Practice Fourth Edition.

■ **GEORGE WALKER** presented a paper entitled "Moving to Closure at Helsinki: The March 1995 Draft Report of the International Law Association's Committee on Maritime Neutrality," at the annual meeting of the American Society of International Law in New York City. He was the reporter for the 1994 Annual Assessment of the Condition of the Civil and Criminal Dockets of the United States District Court for the Middle District of North Carolina as Required by the Civil Justice Reform Act of 1990 (1995), published by the U.S. District Court.

## SOCIOLOGY

■ **DOUGLAS W. PRYOR** is the author of Dual Attraction, Understanding Bisexuality, which has been selected as one of two winners of the North Central Sociological Association's Scholarly Achievement Award for 1995. ■



*These faculty members were quoted in or appeared on the media recently:*

■ **CHARLES F. LONGINO JR.**, sociology, quoted in June AP story about retirees being drawn to nontraditional retirement spots, such as a cold Colorado town. Appeared in newspapers around the country, including Chicago Tribune.

■ **J. EDWIN HENDRICKS**, history, quoted in July Philadelphia Inquirer story on obscure signers of the Declaration of Independence. Appeared in newspapers around the country.

■ **MARK LEARY**, psychology, quoted in June New York Times story on people who ignore the health risks of sunbathing. Appeared in newspapers around the country, including the Detroit Free Press and the Washington Times.

■ **HARRY TITUS**, art, quoted in May Universal Press Syndicate story on senior citizens who take up art for the first time. Ran all summer in newspapers around the country. ■

# Staff News

## ATHLETICS

■ **MARY JONES** has been named women's volleyball coach. She arrived at Wake Forest in July after two years as an assistant coach at Florida and an outstanding career as a player at the University of Kentucky. The team won't begin play until the 1996 season, but Jones already has begun building a foundation for the program.

## BABCOCK GRADUATE SCHOOL OF MANAGEMENT

■ **MARY C. GOSS** has been promoted to assistant dean for admissions, career services and student affairs.

■ **STEVEN PRICE** has been named director of career services.

■ **KAREN ROLLINS** has been named associate director of career services.



MARY JONES

■ **NITA SAYLOR** has been promoted to associate director of career services.

■ **DORAN TATE** has been promoted to assistant to the dean and staff human resources coordinator.

## FACILITIES MANAGEMENT

■ **TOM KING** has been appointed assistant director. He will supervise real estate management.

## MUSEUM OF ANTHROPOLOGY

■ **KIM ROBERTSON** has been appointed museum educator.

## PUBLIC AFFAIRS

■ **ADELE LABRECQUE** of the University Editor's Office staff, along with Mike Ford of the Office of Student Development, edits the student handbook, which received a Silver Medal in the In-House Publications category in the 1995 national Circle of Excellence awards sponsored by the Council for the Advancement and Support of Education (CASE). Other public affairs staff members who worked on the publication were CATHERINE HORNE, DANA HUTCHENS and LEE RUNION.

■ **LEE RUNION**, University Photographer, received a Gold Medal in the Photographer of the Year category in the 1995 National CASE Competition.

## PURCHASING

■ **JIMMY KAUSCH** received the Adminis-

trative Leadership Volunteer of the Year Award from the North Carolina chapter of the American Red Cross.

## RESIDENCE LIFE AND HOUSING

■ **COLETTE TAYLOR** wrote "Student Involvement and Racial Identity Attitudes Among African American Males" which has been accepted for publication in Journal of College Student Development.

## RETIREES

■ Retiring from the Reynolda Campus during this past year were: RICHARD T. CLAY, University Stores, 39 years; JOE COADES, building services, 29 years; CATHERINE FRANCE, Z. Smith Reynolds Library, 36 years; JANET HODGES, controller's office, 32 years; JEAN B. HOPSON, provost's office, 24 years; WILLIE MAE MILES, building services, 10 years; LAURA L. MYERS, microcomputer center, 35 years; HAZEL G. ROBAY, alumni activities, 6 years; SHIRLEY ROGERS, controller's office, 30 years; JAMES E. TAYLOR, facilities management, 37 years; MRS. JOHNNY M. WOODS, building services, 37 years; and LACY B. BURCHAM, human resources, 19 years.

## SPORTS INFORMATION

■ **THERESA KELLY GEGEN** recently received two writing awards from the College Sports Information Directors of America. Her article, "Behind the Clouds," placed second in the nation, and her article "Deacs See the Light Despite Heavy Hearts" was named Best in the District.

## STUDENT SERVICES

■ **HAROLD HOLMES** has been promoted to associate vice president for student life and dean of student services. He also has been appointed co-chair of the Education Division for the 1995 Forsyth County United Way campaign. He has been selected to participate in the 1995-96 class of Leadership North Carolina.

## UNIVERSITY RELATIONS

■ **KAY D. LORD** has been named assistant vice president and director of alumni activities.

■ **MINTA A. McNALLY** has been promoted to director of university relations.

## WFDD

■ **CLEVE CALLISON** submitted a proposal, "Local Cultural/Arts Organization Grant 1994-1995," which has been funded for \$20,000 by the N.C. Department of Cultural Resources. A second proposal, "CPB Service Grant," received total funding of \$144,160 from the Corporation for Public Broadcasting.

## Z. SMITH REYNOLDS LIBRARY

■ **RHODA CHANNING, ELEN KNOTT and CRISTINA YU** presented a panel discussion on the PowerUp program titled "Getting Faculty and Students Plugged in" at the Association of College and Research Libraries biennial conference in Pittsburgh on March 31.

■ **CRISTINA YU**, chair of Technology and Trends Round Table of the North Carolina Library Association, organized and chaired a teleconference on "Copyright in Cyberspace" on May 8 on the NCREN net. ■

# Ads Classified

## FOR SALE

■ Home in Buena Vista, close to campus, 1730 Virginia Road. 3 BR, 1 1/2 BA, recently remodeled kitchen, hardwood floors, LR, DR, den/play, enclosed porch, brick patio, detached garage, central gas heat/AC. \$189,000. Call 723-4292 for appointment.

■ Condo for sale. 1549 sq. ft., 2 master suites, 2.5 baths, kitchen with breakfast nook, laundry room, brick fireplace and fenced patio. 2-story great room has cathedral ceilings, 2 skylights, fireplace. Call 768-5420.

■ Home for sale, 300 Radford St. off Reynolda Road. 3 BR, 2 BA, brick cottage. Level yard, paved driveway. \$95,900. Call 722-1094.

■ Videotapes. "The Wild Bunch" and "Once Upon a Time in America." \$10 each, both for \$15. 759-5760. ■

## Heartfelt

*Paul Ribisl honored for pioneering heart rehabilitation program*

**A**fter a roast and dinner in his honor last May, Paul Ribisl, chair of the health and sports science department and founder of the Wake Forest Cardiac Rehabilitation Program, received a crystal trophy to commemorate his years of service.

"I was afraid they'd give me a plaque," he quipped. "What we have tried to do is avoid giving people plaque."

The kind of plaque that builds up in the arteries of the heart, that is.

In the 20 years since the Cardiac Rehabilitation Program was begun by Ribisl and Henry S. Miller, a cardiologist at the Bowman Gray School of Medicine, it has not only removed plaque but also has revolutionized the treatment of heart disease.

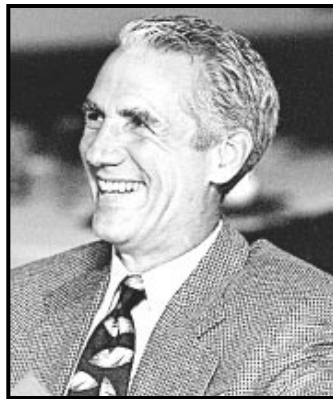
Before the program, the idea was to keep patients calm after a heart attack and to keep them from doing anything strenuous. The myth was that the heart was so fragile and weak that it couldn't tolerate physical activity. Miller and Ribisl merged the knowledge and experience of medical science and sport science and came up with a new approach emphasizing diet and exercise.

In the cardiac rehab program, recovering heart attack patients do supervised exercise, beginning gradually with walking and gentle stretching and range-of-motion exercises, and work up to more strenuous activity. Patients are counseled by nutritionists, clinical psychologists and vocational rehabilitationists.

"We want to prevent a second heart attack," said Ribisl. "But in some cases, if the first is a mild heart attack, it will act as a warning shot, and the patient can actually come out of the program with better health than he or she had before."

The program lasts a minimum of three months, but it can extend to six or 12 months. Twenty years ago, patients could not begin the program until three months after the heart attack, said Ribisl; now, it begins after a week.

To date, more than 1,700 people



PAUL RIBISL enjoys good-natured barb at dinner and roast in his honor.

have gone through the Wake Forest program. There are now hundreds of cardiac rehab centers throughout the country similar to the model begun by Miller and Ribisl. ■

## Construction

*continued from page 6*

Other projects and their estimated pricetags:

- Reynolda Hall kitchen and serving areas—replacement of old electrical stoves with new gas-fired cooking equipment, installation of Kentucky Fried Chicken outlet in the service court, cosmetic improvements, \$700,000;
- Reynolda Hall patio—replacement of flagstone deck, \$100,000;
- Benson University Center—replacement of brick patio, \$250,000;
- Salem Hall—installation of new Kewanee stations in two chemistry laboratories, \$340,000; and
- Kitchin Hall—asbestos abatement, \$75,000.

The University served as its own general contractor for all but two of the projects.

Facilities management crews won't have much time to relax after their busy summer. This fall, they'll do about \$1 million worth of work at Reynolda Gardens, including tree replacement; reconstruction of walls, walks and fountains, and renovation of the greenhouse and decorative wood structures. And next summer, they'll be back at it on campus with work on three more residence halls and a major renovation of Tribble Hall, including central air conditioning. ■

## Good 'housekeeping'

*Julie Edelson is delighted when publishers tell her, 'Don't call us, we'll call you.' She has two novels in print without the benefit of an agent.*

BY LLOYD WHITEHEAD

**T**ake a divorced mom with two teenage kids and transplant her from bustling New York to bucolic North Carolina and what you have is the rudiment of Julie B. Edelson's latest novel, "Bad Housekeeping."

What evolves is the story of a woman struggling to capture her own identity and coming to grips with her children's foray into mischief and immorality.

Edelson, who recently began work as an editor and researcher in the Office of Research and Sponsored Programs after seven years as director and editor of The Tocqueville Forum, admits the book sounds a bit heavy, but insists it's not all gloom and doom.

"I think most people who read it will find it funny, even though it deals with what are some very '90s problems," she says. Calling it a "moral comedy" with stress on the comedy, she says she tried to reflect in the book the fact that even in its darker moments, life can be laced with humor.

Take for instance that Cee, the novel's main character, divorces her husband not for infidelity, battering or any other predictable reasons, but for

carpeting their Victorian home in orange shag.

Happily married with two teenage kids of her own, Edelson, who earned her doctorate in comparative literature at Cornell, says the book is far from autobiographical. Like most fiction writers, however, she says she does use elements of her personality to draw her characters.

"I actually try to stay away from myself, but it is hard to do since you do have to mine your own emotions," says Edelson, who conducts a short story workshop for aspiring writers at

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'Writers have to have a dedication to their craft.'

Wake Forest. "Anything that's true I try to push it so that it is exaggerated. I use my reactions to things rather than use my biography—otherwise [she adds laughing] I could get into a lot of trouble.

"My real mission is to get the word out that writers have to have a dedication to their craft—that is what pays off in the end. You don't need the apparatus—the computer, the printer, the typewriter—you just need to write."

Edelson's dedication has paid off. Her first novel, "No News is Good," published in 1986, was well-received by critics, and she followed up with "Bad Housekeeping," which Baskerville Publishing accepted on Memorial Day of 1994.

She's accomplished all of this without benefit of an agent. "This is the really good news for all of the writers out there," says Edelson, who recently finished work on her third novel, "On Hold." "I just write the best book I can and send it out to publishers who I think would be interested in it, publishers who may have done something similar. I've twice had the happy experience of getting a phone call saying, 'We like your book, and we want to publish it.'" ■



JULIE B. EDELSON: 'I just write the best book I can and send it out.'