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Thousands of jobs depend on South Carolina’s ability to create a work and living environment in which global business can thrive. It makes sense, then, for our international activities to mirror the state’s needs.

This issue of Clemson World clearly demonstrates that Clemson University’s reach extends well beyond the borders of the Palmetto State. Our student body includes representatives of 78 nations, and our faculty, staff and students have been engaged in teaching, research and service projects on five continents. In any given year, at least 500 students travel abroad to study.

However, there is much more that can be done. We have recently brought to our campus a new vice provost for international studies, James Cross, and his charge is to help us achieve one of our stated University goals — to “create greater awareness of international programs and increase activity in this area.”

One of his first initiatives was to connect with the S.C. Department of Commerce, the state’s economic development and industry recruitment branch. The state’s global business activity, both exports of goods produced here and investments by international companies in the state, is vital to economic prosperity. Thousands of jobs depend on South Carolina’s ability to create a work and living environment in which global business can thrive. It makes sense, then, for our international activities to mirror the state’s needs.

If there are areas where Clemson’s academic strengths and interests overlap with the state’s economic development priorities, we can significantly increase the impact of our international programs. A focused strategy, rather than a shotgun approach, is critical in times of limited resources. The idea seems obvious, yet officials at the commerce department were both surprised and delighted that a university would couple the two ideas. It’s one more indication of Clemson’s desire to focus our resources and increase the relevance and impact of our programs.

For example, we’ve just entered into a study-abroad program with ICHEC School of Business in Brussels, Belgium, one of the finest business schools in Europe. Belgium is the seventh largest recipient of S.C. exports and has a long trade relationship with the state. It also has a Clemson connection. As you may know, Thomas Green Clemson served as charge d’affaires to Brussels from 1844 to 1851, for three different U.S. presidents.

Our discussions with ICHEC include study-abroad programs for honors students as well as student exchange and internship opportunities, joint-degree programs, research, and executive and teacher training. ICHEC officials also met with the S.C. Department of Commerce and Chamber of Commerce officials to discuss economic development.

Study abroad and exchange programs are certainly important ways to increase our students’ awareness of other cultures and nations; however, there are many learning experiences that are available right here on campus.

I have often been concerned that there are two Clemson families — one American and one not — and that the two pass by each other on a daily basis without acknowledging the other’s existence. It seems that we could also expand our international horizons simply by taking the time to get to know someone from another country.
I recently wrote an email newsletter to our campus reminding all of us to take advantage of these international learning opportunities and was pleasantly surprised by the response. Dozens of faculty, staff and students responded and told me of their personal on-campus international experiences, some as part of a formal sponsored program and others as casual as a weekly card game night.

Many offered ideas for ways to further increase the visibility of international students and ensure that they are fully engaged in “the Clemson Experience.” I have charged our graduate student government with exploring these ideas and making recommendations.

The result of these endeavors will be a stronger Clemson University and a student body better prepared to live and work in a global society.

Christian Ost, provost of ICHEC School of Business in Brussels, Belgium, and Clemson President Jim Barker make international collaboration between the two schools official in an October signing.
Clemson advances national ranking

CLEMSON CONTINUES TO RANK AMONG THE NATION’S TOP NATIONAL PUBLIC universities, according to U.S. News & World Report magazine. It has, in fact, moved up.

This year (2005), Clemson ranks 32nd among the country’s 162 public doctoral-granting universities — up from 35th last year and 39th the year before.

U.S. News & World Report rankings are based on statistical measures, such as student SAT scores, graduation rates and faculty salaries, as well as a subjective measure of academic reputation.

“To be ranked among the nation’s top public universities is an indication that we’re making progress toward a goal that will yield significant benefits for our students and the state,” says President James Barker.

Top-ranked universities tend to have smaller classes, more direct faculty-student interaction, higher graduation rates and higher starting salaries for graduates. Top-tier research universities have also proven to be tremendous drivers of economic development for their states.

Animal IDs for safety

Clemson University Livestock and Poultry Health officials received nearly $200,000 from the USDA to reduce health risks from outbreak of animal disease in South Carolina through an animal identification system.

The grant is funded by the National Animal Identification System to establish a state identification system for livestock premises, where animals are raised, held, sold or processed. The increasing number of animal disease outbreaks worldwide has heightened public interest in a national identification program.

The goal is to be able to identify animals and livestock locations that have had direct contact with a foreign animal disease or disease of concern within 48 hours after discovery.

Collaborating for cancer cure

WHEN THE BODY’S DNA coding process breaks down, it can cause mutations that can lead to cancer and other illnesses. Two S.C. scientists — Weiguo Cao from Clemson and Michael Wyatt from the University of South Carolina, along with Massachusetts Institute of Technology colleagues — are studying how to repair DNA, reducing the chances of genetic mutation.

The results of the collaboration — supported by the National Institutes of Health, the Concern Foundation and the S.C. Experiment Station at Clemson — appear in the Sept. 10, 2004, issue of the Journal of Biological Chemistry (www.jbc.org/cgi/content/abstract/279/37/38177).

The collaboration between Cao and Wyatt exemplifies the importance of S.C. research university partnerships. The Clemson lab has been studying a specific type of DNA damage while the USC lab has been studying a particular DNA repair enzyme that recognizes certain forms of DNA damage. The particular enzyme appears to be the major one that removes the specific type of DNA damage.

Best of the best of the best

Clemson professional communication students won the International Best of Show award in the annual Society for Technical Communication for their Clemson recruitment CD-ROM. They also won a slew of other awards getting to the top competition.

It’s the highest award in the field of professional communication and involves competitors such as Motorola, AT&T and other large corporations. The winning MAPC students — master of arts in professional communication — are Brad Bonham and Robert and Sarah Weathers Rettew with adviser Michael Neal and supervisor Tharon Howard.

Their CD, made for prospective Clemson MAPC students, was described by judges as crisp, clear, clean, informative, enthusiastic and a great promotional piece. In other words, Clemson’s MAPC program is definitely working to prepare students as professional communicators. For more information, visit the Web at www.clemson.edu/caah/mapc.
Top young health physicist

The Health Physics Society awarded Timothy DeVol, a Clemson environmental engineering and science professor, a top national honor for his outstanding work as a young scientist. The award is named for Elda Emma Anderson, a pioneer in the field of health physics.

Health physicists work to understand and protect people and the environment from the harmful effects of radiation. DeVol’s primary research is in the development of field instruments that quantify levels of radioactivity in the environment.

In his 11-year tenure at Clemson, DeVol has been involved in 13 funded research projects worth $1.3 million. He was a driving force in preparing the master of environmental engineering and science environmental health physics option for ABET accreditation.

Clemson at Tiananmen

Clemson students, faculty and staff traveled to China last summer on an annual trip sponsored by the University’s management and languages departments and the Clemson University China Program. Faculty and staff toured for two weeks, while students spent six weeks studying the language, culture and international management with Clemson professors at Dalian University, Dalian, Liaoning, China. Pictured here, the group is in Tiananmen Square ready to enter the Forbidden City in Beijing. For more information about this study abroad program, visit the Web at people.clemson.edu/~janism/ChinaTrips2005.htm.
Making old, new

Clemson is creating the first formal academic organization supporting the restoration economy — the revitalization of existing areas through new development. The Clemson University Restoration Institute, centered in Charleston, will create a formal network of experts to tackle the demands of a growing economy based on restoration. The state has awarded Clemson $3 million of matching funds, from the S.C. Education Lottery, for the program.

“The University has recognized this opportunity for advancing South Carolina’s economy through the creation of new knowledge,” says Jan Schach, dean of the College of Architecture, Arts and Humanities and in charge of the institute. “Clemson is also one of only a few universities with the right mix of design, engineering and natural science in applied faculty expertise that can carry out this effort.”

Clemson already has a related presence with its Charleston Architecture Center, and Charleston will be home to Clemson’s new graduate program in historic preservation.

‘Sweeter’ plastic

A University spinoff company is using corn to make plastics and provide cleaner air. Tetramer Technologies LLC is adding corn to plastic containers — and cars, airplanes and golf clubs — while creating jobs along the way.

Clemson professor Dennis Smith and his research group have found a new way potentially to replace up to 50 percent of the chemicals that make regular plastics with poly-lactic acid, a byproduct of corn. The end product is a plastic that has both the environmental friendliness of the corn-based product and the durability of regular plastics, and it’s biodegradable.

This new material could reduce by 5 billion pounds per year the amount of single-use, nonbiodegradable plastics discarded by consumers. And it could reduce the air pollutants from plants that produce plastics for everything from cars to airplanes to golf clubs.

Tetramer, led by Earl H. Wagener ’62, PhD ’67, received a $100,000 innovative research award from the National Science Foundation (NSF) to demonstrate the commercial feasibility of plastics partially derived from renewable sources like corn. This award builds on a $500,000 award and two other $100,000 grants received from the NSF small business program.

Super research in Italy

Clemson physics students Meredith Russell, J.D. Taylor and Justine Andrews are pictured, left to right, in front of the SuperESCA beamline at ELETTRA in Trieste, Italy, during a recent research trip with professor Murray Daw. In this experiment, the students deposited atomically thin layers of magnesium diboride (MgB2) on a substrate.

Scientists recently discovered that MgB2 becomes a superconductor — has no resistance to electrical current — at very low temperatures. The students used the SuperESCA apparatus to study the properties of very thin films of MgB2.

The ELETTRA laboratory is one of only a few of its type in the world. This rare opportunity for undergraduate students is a result of Clemson’s activity in the Consortium of International Universities, which sponsors study abroad programs in Italy.
Clemson construction in China

Construction science and management department chairman Roger Liska was a working guest at Xi’an University of Architecture and Technology in Xi’an, PR China, earlier this year.

While there, he discussed the possibility of Clemson’s master of construction science and management program’s being delivered to Chinese students via distance learning technology. As a result, Clemson has begun a dialogue of cooperation agreements with 10 major universities in China with accredited construction education programs.

Tigers in Troy

Fifteen Clemson students from City and Regional Planning, architecture and landscape architecture studied “Urban Genesis and Form” in Greece and Turkey during Maymester 2004. Clemson landscape architecture professor Umit Yilmaz directed the course designed to expose students to different cultures, history, landscape and architecture. They are pictured at the site of ancient Troy.
BB&T ‘campers’

These bright young minds from around the state spent a week at Clemson, experiencing an intellectual environment in a campus setting. As high school students in the BB&T Economics Summer Camp, they learned about the stock market, international trade, the relationship between the economy and environment, and other important issues. They also had fun outdoor activities.

Thanks to a generous grant from BB&T, there’s no cost to students to attend the annual BB&T Economics Summer Camp, but space is limited and admission is competitive. There’s a substantial honorarium incentive. The 2005 camp is set for July 10-15, and deadline for application is March 1.

For more information, visit the Web at business.clemson.edu/bbtcenter. Students can contact their high school guidance counselors, call (864) 656-4877 or email liza@clemson.edu.

‘Visions of the South’

Visit the “Visions of the South” photography exhibit this fall at the Fran Hanson Discovery Center in the S.C. Botanical Garden. The exhibit, by C.J. Elfont and Peter Runge, includes photos of the Carolinas, Virginia and the Blue Ridge and Smoky Mountains.

The garden is located on campus at the intersection of Hwy. 76 and Silas Pearman Blvd. It includes 295 acres of gardens, streams and woodlands, and is open year-round from sunrise to sunset, free of charge. For more information, visit the Web at www.clemson.edu/scbg.

Closing college-career gap

Chemistry faculty and students at Clemson will join industry leaders in pioneering a program to close a college-career gap. The one-year program, Career Success for Science and Engineering, is one of six proposals accepted by the NSF Discovery Corps Fellowship Program to support new and promising educational models.

This program will offer students a focus on team-building skills and project team management. Students will learn to present their work quickly and effectively and to examine their research for marketability.

It’s designed to help graduates hit the ground running when they start their careers. It could qualify as a national model and further enhance Clemson’s reputation as an innovator for student and faculty learning. For more about Clemson’s chemistry department, visit the Web at chemistry.clemson.edu.

Michelin’s ‘Clemson USA’

The University, the city of Clemson and Michelin Travel Publications are teaming up to publish an official Michelin travel guide to Clemson USA this fall.

Funded jointly by the University and city, with matching funds from Michelin NA, the publication will give newcomers, visitors and even longtime residents a valuable guide to area dining, shopping and recreational opportunities along with a few lessons on the history and culture of Clemson and the surrounding communities.

Copies of the guidebook should be ready by November. For more information, call the Clemson University Bulletin Room at (864) 656-3261 or 1-888-PSA-BOOK (772-2665), or visit the Web at www.clemson.edu/psapublishing.
1. Why is undergraduate admission to Clemson so competitive?

Higher education in South Carolina has changed dramatically in the past few years. Those changes, coupled with advances on the Clemson campus, have created an environment where admission to Clemson is more desirable than ever before.

Since 1996, freshman applications have increased by 42 percent. The number of applications versus the number of available spaces in the freshman class has gone from one in four to one in five. The percentage of freshman applicants who are accepted has dropped from 78 percent to approximately 60 percent over the past eight years.

These are the main reasons:

- There are more high school seniors than ever before, especially in South Carolina and other nearby states. Clemson quality recognition by Peterson’s Competitive Colleges, U.S. News & World Report and Kiplinger’s Personal Finance along with athletic successes provide additional publicity and exposure, making more people aware of the value of a Clemson education.
- The LIFE Scholarship was established in 1999 to keep more of South Carolina’s best and brightest students in state, and it’s doing just that. The average SAT score for Clemson freshmen has increased from 1128 to 1205 since 1996. Forty-two percent of the most recent class of Clemson freshmen graduated in the top 10 percent of their high school class, and more than 68 percent graduated in the top 20 percent.
- The University is committed to providing Clemson students with the type of experience students and parents have come to expect and value. To meet this expectation, enrollment is carefully managed. The goal for next year’s freshman class is approximately 2,800.

2. What does it take to be admitted to Clemson?

Admission to Clemson is an academic decision. Therefore, decisions are made primarily upon the academic credentials that are submitted with the application (SAT/ACT, class rank, GPA, courses taken, etc.). Decisions are not based upon a single criterion but rather a combination of the various credentials.

Apply early and make sure all requested information is provided. We encourage online application for admission through the University’s home page at www.clemson.edu. Also, SAT/ACT score reports must be sent directly to Clemson from the testing agency.

3. What about changes in the SAT and ACT?

Beginning in March 2005, the SAT and ACT will add a third portion of testing. In addition to verbal and mathematical sections, they will include a writing component, mandatory in the SAT and optional in the ACT.

For students who want to enter Clemson in 2006, the written component is required, regardless of test.

4. What special consideration does Clemson give to legacy applicants?

The University is sensitive to the contributions of its alumni and desires to see family traditions continue. Questions about family members (father, mother, grandfather, grandmother, sister, brother, spouse) who have attended Clemson are included on the application for admission and are considered in the review of the application. While legacy is a factor in the admission decision, it does not replace the importance of the academic credentials. During the 2003-2004 admission cycle, 75 percent of all legacies were accepted versus less than 60 percent of nonlegacies.

5. What is deferred admission?

A number of freshman applicants are offered deferred admission for the following spring semester. Some students are offered the opportunity to begin Clemson in January if they attend another institution during the fall semester. This is less than the regular transfer admission standard but takes into consideration the student’s academic performance in high school. Because of space, the University is limited in the number of deferred admission offers that can be made.

6. What about the transfer process?

Transferring provides another opportunity to graduate from Clemson for students denied as freshman applicants. The number of transfer students the University can accommodate, however, is limited, and the profile of enrolled transfer students has increased.

Generally, a student needs to have completed at least 30 semester hours of collegiate level credit with a grade-point average of 2.5 on a 4.0 scale. This, however, is not a guaranteed minimum standard for admission. A student can best enhance his or her chances for transfer admission if, in addition to the requirements listed above, all of the freshman-level courses in English, mathematics and laboratory science for the intended major have been completed.

For additional information, contact the Office of Admissions at (864) 656-2287 or visit our Web site at www.clemson.edu/admission.
I’ve often wondered if my grandfather knew what he was starting when he stepped off the train at the Calhoun station that fall day in 1892. As a member of Clemson’s first graduating class in 1896, Joseph Hunter represented the first generation of Hunter Clemson men (and later, Hunter women), a tradition that has stretched over a century. After graduating, he tried his hand at teaching in the public schools, but his heart was always at Clemson. In 1901, he returned to Clemson to teach mathematics, a labor of love that he continued for the next 47 years.

In keeping with a Clemson tradition of the time, my grandfather developed a nickname while in school, “Little Joe.” Although his oldest son, Joseph E. Hunter Jr., grew to be 6 feet 6 inches tall, Little Joe was on the short side, standing only 5 feet 4 inches. I have talked with many of his students, but they never mentioned his height.

What they all remembered and mentioned first was “the stub.” As a young man in a run-in with a table saw, Little Joe lost all the fingers on his left hand except for the thumb and first joint of one finger. As a teacher, it was his practice to have the cadets in his classes work math problems on the blackboard. Those who failed to show what he felt to be proper progress would be reminded of their shortcomings by getting jabbed in the ribs with “the stub.” I was always amazed that they all remembered it fondly.

Little Joe built his home in Clemson around 1910. He calculated the number of bricks it would take to complete the house and purchased exactly that many. Upon completion, there was one leftover brick, which he directed to be placed on the chimney. The little brick house stood on Cherry Street just down from the infirmary for over 80 years until the growth of the school forced it to give way to progress. I remember that cadets would come to the house on weekends to be tutored. They would sit straight on the front of the chair seats while he did math problems on the blackboard he kept in the dining room.

Little Joe began extending the Hunter family Clemson tradition in 1905 when he convinced his younger brother, Thomas M. Hunter, to earn his degree at Clemson, which he did in 1909. When Tom Hunter died in 1987 at the age of 101, he held the distinction of being the oldest living Clemson graduate.

The Hunter tradition extended into the second generation with both of Little Joe’s sons — Joe Jr. graduated in 1934 and my father, Jimmie, in 1937. Both of their oldest children continued the tradition into the third generation when I graduated in 1968 and my cousin, Georgia, in 1971. Georgia was the first lady in the family to become a Clemson “gentleman.” My youngest brother, Joe, graduated in 1981. Also, my sister-in-law Laura, wife of my middle brother, Steve, earned a master’s degree in 1977, and their son, Eddie, is currently a senior at Clemson, establishing the fourth generation, over 100 years after the first.

Although my grandfather passed away when I was only seven years old, some of my most vivid memories are of him and the time I spent in Clemson. He almost always had a cigar in his mouth and would go through three or four a day. But I have never met anyone who remembers him ever lighting one. They just got shorter and shorter.

Although I still love to go to Clemson football games, the games played in the years right after his death were special. We would have a picnic lunch in the cemetery, spreading a tablecloth over his marker. When the game was ready to start, we would walk straight down the hill to the stadium right on the 50-yard line. My father has since joined him in the cemetery on the 50-yard line, and Frank Howard is just across the little road that circles the cemetery. Somehow it all seems appropriate.

Tom Hunter lives with his wife, Sue, in Mooresville, N.C., where he’s a plant manager with the Charlotte Mecklenburg Utility Department.
Seizing opportunities

Bill and Rita Vandiver

F. William “Bill” Vandiver knows banking. He spent 35 years in the business, beginning as a management trainee and retiring more than three decades later as vice chairman and corporate risk management executive.

He also knows about serving for the common good. From the U.S. Army to United Way, from higher education to hospitals, from community to country, his record is stellar.

His business expertise and his sense of service have combined to help Clemson seize new opportunities in becoming a top-20 public university.

Vandiver first came to Clemson as a young man from Spartanburg in 1960. When he graduated four years later, he had accumulated an amazing array of academic, military, social and service accomplishments.

After graduation in 1964, Vandiver joined the Army and served in Vietnam, where he was awarded the Bronze Star for meritorious service. He then earned a graduate degree in business administration from the University of South Carolina and began his long banking career with N.C. National Bank, which has evolved into today’s Bank of America NA.

He and his wife, Rita, a Columbia College graduate, are valuable members of the Charlotte, N.C., community, serving in various volunteer capacities and contributing to programs to improve the quality of life in both North and South Carolina.

As for Clemson, the Vandivers have continued to support the University over the years financially and through service. They are strong believers in Clemson’s goal to improve the state by becoming a top-20 public university, both from a business perspective and a sense of service.

Earlier this year, the Vandivers chose to support Clemson’s top-20 initiative through an unrestricted gift of $250,000.

By making their gift unrestricted, they’re allowing President Barker along with other University stewards to make decisions as to when, where and how the gift can best be used.

Like endowments, bequests and restricted gifts, unrestricted gifts are invaluable in helping the University. But unlike long-term investments that may have a distant maturing date or restricted gifts that benefit a smaller portion of the University, unrestricted gifts add freedom and immediacy.

Bill, a member of the President’s Advisory Council, says, “In my opinion, Jim Barker has it right. We must support his vision for Clemson. There is no better way than unrestricted giving, which gives Jim and Clemson the maximum flexibility to achieve the goal of being a top-20 public university.”

The Vandivers are continuing to help the University seize current opportunities for long-term success.

For information on making an unrestricted gift or on other giving opportunities, contact JoVanna King, director of gift and estate planning, Clemson University, PO Box 1889, Clemson, SC 29633-1889; call (864) 656-0663 or (800) 699-9153; or email jovanna@clemson.edu.
I was born in Beijing, but my family moved to Hong Kong when I was less than one year old. After high school I came to the United States and hadn’t been back to China except for a two-week faculty trip in 2002.

In the 40 plus years I’ve lived in the United States, over 37 have been spent teaching photography and digital art at Clemson. I had forgotten nearly all of my native tongue, written or spoken. Also, when I was growing up in Hong Kong, the dialect we used was Cantonese, quite different from the official Mandarin in use in Nanjing where I spent last spring.

So even though I could blend in the minute I arrived in China, I was very much a foreigner and quite lost without a translator or a guide. I did pick up an electronic dictionary that translated between English and Chinese. (It has “Clemson University” listed.) The dictionary got me through some anxious moments. But in daily classroom teaching, I had to resort to gestures and pictorial teaching aids. Fortunately the students were smart enough to understand what I wanted to say, and their work progressed at an astonishing rate.

Ancient and new

Nanjing was the capital for a number of past dynasties and retains remnants of a rich history. One thing that first struck me was the massive city wall, which I was told was the longest continuous city wall in the world. Situated just south of the Yangtse River, the river that separates the north from the south, Nanjing is only a three-hour train ride from Shanghai.

Included among the more than 400 educational institutions in the city are Nanjing University, ranked No. 3 nationally though it does not offer the arts in its curriculum; Nanjing Normal University, a teachers college with a student population of 120,000; and the Nanjing Arts Institute, where I taught. Many schools also have multiple campuses.

Like many Chinese cities, Nanjing is in the middle of a vast transformation. Brand new high-rises stand next to half-demolished areas with construction cranes visible almost everywhere while bicycle riders and pedestrians fill the streets. To get around, I could catch a bus for about 15 cents, take a cab for about a dollar for the first 3 kilometers, walk or ride a bike.
Also, electric mopeds sell for as little as $200. Of course, driving is an option, but that is best left to locals unless one is bent on thrill-seeking.

People of Nanjing are masters at maneuvering in the midst of what seems like chaos to this foreigner. One remarkable item that helps calm everyone’s traffic nerves is the big and bright numerical countdown signal next to each traffic light. Drivers know precisely how long they have to wait before the lights change. Cameras are also used at some of the lights to catch traffic violators. One of my colleagues at Nanjing Arts Institute told me that he got nailed more than once by these cameras that he and another colleague helped install.

To the east of the city is Zhong Shan Ling, a mountain named in honor of Sun Yat Sen, who toppled the Qing Dynasty and founded modern China. It not only provides a beautiful view of the whole city but is home to observatories dating back several centuries, the tombs of Ming Dynasty emperors, the Plum Flower Gardens and a number of other recreational sites.

To me it resembles the mountains just north of Clemson, with the same nourishing powers, except that in Nanjing I had to share it with a lot more people.

I visited the city’s antique market, the local “jockey lot” on a minuscule scale compared to the ones in Anderson and Pickens, but much more interesting. The market is on the grounds of Cao Tian Gong, a local museum housed in a place that was once used to teach people court etiquette before they were allowed to appear before the emperor.

What makes this museum stand out among all the other museums in Nanjing is the casualness with which the staff treats the freshly unearthed artifacts dating back more than 2,000 years.

Wang used two cameras during his stay in Nanjing: the Canon Digital Rebel, a 6.1 megapixel camera for his “serious” pictures, and a Pentax Optio S4m, a 4.0 megapixel digital camera that fit into an Altoid tin, which he carried everywhere.
It was here [at the museum] that it hit me — the enormity of ancient culture lying everywhere and what a job it would be to overcome the sheer awe of it and invent something new.

‘Creativity!’

I spent three months in Nanjing at the invitation of Nanjing Arts Institute. I was to teach a six-week segment of their spring semester in digital photography. I jumped at the opportunity when I learned that they had over 600 Macintosh computers and used all the standard software that we use at Clemson.

At the first meeting with the president and dean, I asked what they wanted me to teach. “Creativity!” the dean emphasized. There is no lack of desire, hard work or talent among the academic communities. But having been isolated from the outside world for such a long time, the educational system needs some radical changes. They are able to provide the setting, the physical facilities and the curriculum, but are hungry for fresh viewpoints and methodologies in their mad dash to make up for lost time.

During the first class, I said to my students deliberately and as clearly as possible in English, “If you understand me, please raise your hand.” When I saw nothing but quizzical expressions, I knew I was in trouble. When I turned on the Macintosh computer in the classroom, my heart sank. Everything was in Chinese, including all the menus in Adobe Photoshop, the program I counted on most heavily.
Not knowing where this would lead and with no other options at my disposal, I plunged ahead. The first thing I tried to do was get the students to relax, to understand that it is OK to “play” and not worry about the correctness of what they do. That is not easy at Clemson and equally difficult in Nanjing. Students are under pressure to perform, to get the highest possible grade.

I asked them to look at work by American photographers, and we talked about the reasons and methods behind the photographs. When I showed them some of the possibilities that Photoshop provided, they all took to it as quickly as my students at Clemson.

**Future image-makers**

Time passed quickly, and when I had just become familiar with my teaching routines, it was time to wrap up the six-week session. The progress of the students amazed me — they explored manipulating photographic images with a vengeance and came out with some very sophisticated work, far more than I dared hope at the beginning. At the end, I was astonished by what these students were able to produce.

Most gratifying, however, was the comment from Zhong Laoshi, the chair of photography, who told me more than once that my being there changed his life. He had studied art in his early years, then learned photography on his own and had become very successful in commercial photography before becoming a teacher.

He and his colleague Chen Laoshi are extremely dedicated teachers and have done a remarkable job, but before my arrival, they saw photography as more of a trade and less as an art.

The faculty initiated a whole slew of events that took place after my departure. They organized a series of exhibitions that included student work from about 40 different schools in China in addition to their own. Along with the Nanjing Normal University, they hosted a symposium on international photographic education with speakers from as far away as England, and they presented an exhibition of my work alongside those of a visiting faculty member from Japan.

The whole affair caught the attention of national press, and there was a big write-up on the Xinhua news agency’s Web site. The name of Clemson University appeared in the headline in Chinese.

I know I'll be going back. The opportunity to help some of the future image-makers understand the problems they face in shaping the population’s self-image is too great to ignore.
Clemson Fans!

Your Little Fan Can be the First to Read the Tiger’s New Book!

Follow the Tiger around the campus of Clemson University in this fun and beautifully illustrated hardcover children’s book. Read along as the Tiger visits Clemson’s most beloved landmarks – the Stone Gates, Tillman Hall, the Amphitheater, Cooper Library, Calhoun Mansion, and Littlejohn Coliseum – before arriving at Death Valley for a football game.

There is even a special appearance by Coach Bowden!

HELLO TIGER! makes a great holiday gift. Order by December 18th to guarantee delivery by December 25th.

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Thank you for your gifts to Clemson.

The holiday season is the perfect time to say “Thank You” to the thousands of alumni and friends who helped Clemson move up three spots in the U.S. News & World Report ranking. Clemson is now 32nd among the nation’s 162 public doctoral universities and is South Carolina’s top public university.

All of you who make a gift to Clemson have a direct impact on our national ranking. More importantly, your gifts provide student scholarships, faculty support, library upgrades and special programs.

To help the University continue its quest, please make a gift to Clemson before the tax year-end. Click www.clemson.edu/isupportcu for easy-to-follow instructions. Or use the enclosed gift envelope to return your tax-deductible contribution before December 31.
Think of the word “bully,” and most likely you’ll think of a name. Maybe even the face of someone who made school days unpleasant or downright miserable, if not for you then for someone you knew.

Think of the word “bullied,” and another name and face come to mind, a child who was picked on by his peers for being a little different, slower or brighter, larger or smaller, or for no obvious reason at all. Maybe you recognize yourself. Maybe your own child.

But bullying doesn’t have to be an accepted part of childhood.

Not if Clemson’s Institute on Family and Neighborhood Life can help it. The institute, a public service activity, is intent on raising awareness about bullying prevention for children and adults.

One of its main tools is “Take a Stand. Lend a Hand. Stop Bullying Now!” The $3.4 million public information campaign is sponsored by the Health Resources and Services Administration of the U.S. Department of Health and Human Services.

The campaign emphasizes that bystanders — other children, parents, school personnel, community members and others — have important roles to play in bullying prevention and in safely resolving incidents.

The campaign’s Web site — www.stopbullyingnow.hrsa.gov — offers resources and child-friendly information for “tweens” (children ages 9 through 13) and more comprehensive advice and aids for the adults who interact with them.

How prevalent is bullying? Nationwide, studies show that approximately 20 percent of students
experience bullying “sometimes,” or more often, within a single semester. Surprisingly, about the same percentage admitted to bullying others.

In South Carolina, a survey by Susan Limber, psychology professor and associate director of the institute, and Gary Melton, director, shows that 23 percent of 6,500 fourth- to sixth-graders report being bullied several times or more during the previous three months, and 9 percent report being a victim at least once a week.

“The effect on kids can be severe,” says Limber, a nationally recognized expert on bullying prevention. “It can result in depression, anxiety, low self-esteem, academic problems and even thoughts of suicide.”

As research continues, experts will be able to understand better the short- and long-term effects of bullying. In the meantime, the focus is on stopping it.

A first step is breaking the silence.

“Not only do children tend to keep quiet about their torment, but adults who don’t know how to deal with it tend to remain silent too,” says Limber. “One of our main goals is to inform people so they know how best to respond.”

To help children deal with children who bully, the campaign Web site features tips, games and an interactive, animated serial comic that has cliffhanger endings, which are updated every two weeks. It encourages children to get help and empowers them to take action.

Information for adults — parents, educators, mental health professionals, adults who work with youth organizations, law enforcement personnel, and health and safety professionals — features an invaluable resource kit along with fact sheets, warning signs, resource guides and plans of action.

“We’re focusing on two target groups, 'tweens' and adults,” says Limber. “The most effective bullying prevention strategies are comprehensive and involve schools and the entire community. In the classroom, lunchroom, playground and neighborhood, children should feel secure without fear of victimization.”

While the Web site is a constantly updated wealth of help, the campaign also provides radio and television public service announcements, newsletters and other handy material for organizations and media.

For more information, visit the Web at www.stopbullyingnow.hrsa.gov or contact the Institute on Family and Neighborhood Life at www.clemson.edu/ifnl or call (864) 656-6271.

Clemson professor and developmental psychologist Susan Limber, a consultant to the National Bullying Prevention Campaign, recently received the American Psychological Association’s Distinguished Contributions to Psychology in the Public Interest — Early Career Award.

She was honored for her creativity and diligence in the development of safe and humane settings for children and families. Adapting European innovations, Limber has led the design and widespread replication of scientifically based programs and policies for prevention of bullying among schoolchildren in the United States.

She is a fellow of the American Psychological Association and chair of its Committee on Children, Youth and Families. She has been interviewed and quoted by NPR, CNN, Washington Post and others for her expertise.

These public service announcements and other resources are available at www.stopbullyingnow.hrsa.gov.
Big business in small packages

by Peter Kent
Flexible packaging is also better suited to storage and preparation of family-size or individual servings.

Clemson’s packaging science department, nationally known for its research and successful graduates, has joined with industry leaders to open the new one-of-a-kind Center for Flexible Packaging.

Located on campus in Newman Hall, the center has a threefold mission. “First is teaching,” says director Robert Kimmel. “The center provides enhanced laboratory experiences for students.”

Second is research, which involves developing, applying and evaluating advanced flexible packaging materials and processes. And third, the center serves the industry, offering a wide range of services including preparation of films, laminates and packages, filling and thermal processing, and flexible package evaluation.

“We also will provide training and equipment demonstrations,” says Kimmel. “We know of no other academic facility that offers such a broad range of capabilities.”

The center, completed last summer, was made possible through more than $900,000 in grants, contributions and in-kind donations, about 95 percent of which came from the flexible packaging industry. New funding will come entirely from industry membership fees.

Nine companies already have agreed to be supporting members. Other companies have shown strong interest in using center facilities or sponsoring research.

Membership commitments from 35 to 40 companies are expected by the end of the third year of operation.

One of the unique features of the center is that supporting members can use 100 percent of their membership fees to purchase center services. Other membership categories recognize donors and those who support proprietary research projects.

“Needs drive change,” says Ron Thomas, chairman of Clemson’s packaging science department. “Whether it’s fear of terrorism or making food more appealing, packaging technology is evolving rapidly, and Clemson is in the midst of that evolution.”

Clemson is one of only four universities — the only one in the Southeast — offering a four-year program leading to a bachelor’s degree in packaging science. It continues to boast greater than 95 percent placement of its graduates into the packaging industry.

According to the Flexible Packaging Association figures from last year, packaging is a more than $100 billion business, based on gross sales figures, and the third largest industry in the United States. More people work in packaging and packaging operations than any other business area in the nation.

In addition to food applications, flexible packaging is also important for custom-designed film structures for pharmaceuticals, medical devices and other nonfood consumer and industrial products.

The center provides a direct way for companies to partner with Clemson. The core of activities and new laboratories will enhance opportunities for other, non-industrial partnerships as well as support the University’s advanced materials emphasis area. With its focus on applied research and application development directed toward flexible packaging, the center supplements activities of other programs and centers on campus, especially the Center for Advanced Engineering Fibers and Films.

The packaging center will also enhance international collaboration opportunities. Discussions have been initiated with the Faraday Packaging Partnership in the United Kingdom, which guides British government funding to joint industry-academic research programs in packaging. Clemson’s packaging science department has strong ties to three Korean universities, and the center will provide facilities for scaling-up work in environmentally friendly biopolymers and edible polymers that’s central to the Korean programs.

For more information about the Center for Flexible Packaging, call (864) 656-6534 or email kimmel@clemson.edu. For more information about Clemson’s packaging science program, call (864) 656-5976 or email rthms@clemson.edu.
Over the past two decades, Karen Cleveland has had an unusual education. She’s driven cattle in Idaho, sailed off the coast of Florida, learned to speak Japanese in Okinawa and studied Italian history in Rome.

All the while, she’s been preparing for another job — something a little more “challenging” — teaching in middle school.

Cleveland’s frequent moves have resulted from her husband Ben’s assignments as an Air Force pilot. Wherever the Clevelands and their four children have lived, they’ve immersed themselves in the culture. And along the way, Karen has collected pieces of those cultures for use in the classroom.

When Ben retired from the Air Force and the family moved to Marietta, S.C., last year, Karen saw her opportunity to become a teacher. She had already earned a bachelor’s degree in history but needed additional training and certification to be able to teach.

This is where Clemson comes into the picture.

Last year Clemson began a fast-track program for middle-school teacher certification based at the University Center in Greenville. The master of arts in teaching (MAT) program was created in response to new S.C. middle-school certification requirements and the federal No Child Left Behind legislation.

“Middle-school certification is brand new in South Carolina,” says Linda Gambrell, director of Clemson’s Eugene T. Moore School of Education. “Previously, a teacher would be certified K-8. Now there are three certifications in that age grouping — early childhood (birth through
grade 3), elementary (grades 2-6) and middle (grades 5-8). About 60 percent of present S.C. middle-school teachers are certified in elementary.”

Clemson’s new program at the University Center is designed to help adult professionals who already hold bachelor’s degrees become middle-school certified while earning a master’s degree. Areas of certification include language arts, social studies, math and science.

The program includes 36 semester hours, which most full-time students complete within 12 months. It requires entering students to have an undergraduate degree, with a minimum number of hours in the given content area, and an acceptable score on the Praxis II middle-grades content-area test.

Cleveland was among the first group of MAT cohorts in July 2003. Led by Lienne Medford, MAT coordinator, the first class quickly filled with a diverse group of 19 students ranging from early 20s to 50 something, and from recent college graduates to midcareer professionals. The group included Jay Tierney, a self-proclaimed “refugee of the textile industry”; Kate Kirkman, a 2003 Clemson elementary education graduate with plans to join the Peace Corps; and an array of other interesting individuals.

The experience of the first class was so positive and the job placements so successful — 100 percent hire rate — that the program’s second class more than doubled to 42 full-time students.

Cleveland graduated last summer and is now teaching social studies at Northwest Middle School in Greenville. Tierney is teaching at St. Joseph’s Middle School. Kirkman is headed for the Peace Corps to teach in one of the poorer Pacific countries. Other classmates are teaching in schools throughout the state.

The current class is equally diverse and promising. Class member Joel Brandon, a Greenville attorney, says his decision to become a middle-school teacher wasn’t from a desire to leave his law practice as much as it was “a desire to do something I’ve always wanted to do.” He’s taught at the collegiate level but is also comfortable with the middle-school age where teachers are needed the most.

Another current student, Clemson alumnus and longtime accountant Ron Knorr ’81 says he’d been thinking about a career change for a few years. He too had taught at the college level and enjoyed the experience, but chose middle school — the years between childhood and early adulthood. He says, “It’s our last best shot for reaching them academically and in terms of character.”

The class also includes a photojournalist, telecommunications specialist, marketing vice president, engineer and many other professions and life stories.

“The blend of backgrounds is invaluable for the classroom,” says Medford. “Our candidates are able to incorporate real-life experiences with the subjects they teach.”

Students currently enrolled will be ready for teaching positions for the 2005-2006 school year. The next cycle begins full time in May. Students may apply in the fall to take content classes starting in January or may take their first classes in May.

For more information about Clemson’s master of arts in teaching program at the University Center in Greenville, call Medford at (864) 250-8891 or email lienne@clemson.edu.
When you watched the Olympics this summer from Athens, Greece, you may have caught a glimpse of Clemson basketball coach Oliver Purnell on the bench between coaches Larry Brown and Roy Williams.

Brown, a former Tar Heel coach and now head coach of the NBA Champion Detroit Pistons, served as the U.S. Olympic men's basketball head coach. Purnell and Williams, University of North Carolina's current head coach, were two of his assistants along with San Antonio head coach Gregg Popovich.

If you talk with Oliver Purnell long, you'll see why Larry Brown wanted him to be part of this Olympic-level coaching staff. When it comes to building a top-flight program, Purnell knows what it takes.

Purnell came to Clemson from the University of Dayton in Ohio, where he put the Flyers back on the
national landscape. Dayton, which was one of the nation's top programs during the 1950s and 1960s, had won only nine games in the two seasons prior to Purnell's arrival in 1994. After three years of putting his stamp on the program, he led them to 20-win seasons in five of his last six years. That total included two trips to the NCAA tournament and a final season of 24-6.

So why would Purnell leave Dayton to assume the task of building the Clemson program? “It has always been a dream of mine to coach in the Atlantic Coast Conference,” says Purnell. “Having grown up in Maryland and having spent most of my adult life in Virginia, I know about the ACC.”

Purnell was raised in Berlin, Md. “My mother taught me that if you work hard and believe in yourself, you have a chance to accomplish anything you want,” he says. “We were taught that being African American was not going to hold us back ... there would be pitfalls in life, but with hard work, we could accomplish whatever we wanted. That kind of mindset has served me very well.”

Purnell sees Clemson basketball as a sleeping giant of opportunity.

“With Terry Don [athletic director Terry Don Phillips] here, I trust that Clemson is ready to develop one of the top programs in the ACC,” says Purnell. “There are so many reasons to come to Clemson — It's a beautiful place. It's in the South. It's in the ACC. However, the main reason I wanted to come here is the serious commitment to being a top program.”

Purnell earned his college degree and played basketball at Old Dominion in Norfolk, Va. Following graduation in 1975, he began his coaching career as a graduate assistant there, but not before taking a peek at Clemson. Tiger head coach Bill Foster had offered him a similar position.

“I came down and loved the area,” recalls Purnell. “And I have the utmost respect for Bill Foster. But I had just graduated from Old Dominion, and it was like home to me.”

Following his two seasons as a graduate assistant, Purnell was elevated to full-time status for the next eight seasons. When his head coach, Paul Webb, retired, Purnell took a job with Lefty Driesell at Maryland. It was his first up-close look at ACC basketball.

After three years at Maryland, Purnell accepted his first head-coaching position at Radford University in Virginia. Three seasons later, he left Radford to return to Old Dominion as head coach. During the next three seasons, he compiled a record of 57-33, with a trip to the NCAA tournament and two to the NIT.

He then left to begin the rebuilding program at Dayton. The first few years were tough; after those initial seasons, however, Purnell began to see positive results. During his final four seasons at Dayton, the Flyers won at least 20 games each year and made two trips to the NCAA tournament and two to the NIT. In his last season, the Flyers were 24-6.

Purnell says he feels good about his first year at Clemson. “I would have liked to have won about four or five more games, but we beat some top caliber opponents, and our guys learned about playing hard with a defensive and rebounding mentality.”

With one Clemson season under his belt, Purnell says he's looking forward to this winter. “You’re always excited about having your first group of guys whom you’ve recruited. We’re also excited about the older guys who bought into the things we were trying to do last year. And we’re especially excited about putting those groups together.”

The Tiger coach sees his Olympic experience from this past summer as a huge opportunity. “To work two summers with Coach Brown and the other guys — that was a great experience for me. I enjoyed the travel and seeing the other events. We obviously struggled with our young team, but we were very proud of those guys for going.”

He fully expects his Olympic experience to help him as a coach at Clemson. “It's already helped us with this recruiting class,” he says.

As for his new home at Clemson with wife, Vickie, Purnell says they’re happy to be Tigers. “We’re in the ACC where I have always dreamed of being, and I’m committed to making this a top program in the conference.” Fortunate for Clemson, he knows what it takes. ©
U.S. News & World Report again named Clemson the top public university in South Carolina. Clemson moved up three spots this year, ranking 32nd among the nation’s 162 public doctoral-granting universities.

We’re competing in a new league now. Our peers are national as well as regional.

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Wear an exclusive T-shirt featuring this Tiger illustration, and help spread the word that Clemson’s lickin’ the competition. Go to www.clemson.edu/isupportcu for details on placing your order.
Join Clemson in celebration of 50 years of coeducation during February and March 2005. Learn about the early influence of women at Clemson. Meet some of the first coeds as well as current women who help shape the University today.

Enjoy fine arts of women composers, musicians and artists presented in the Women’s Art Festival.

Find out about Clemson’s early sports programs for women and the All-American athletes the University has produced. Meet current Lady Tigers and former stars.

Here are some special events scheduled so far. For more information about the 50th Anniversary of Clemson Coeducation Celebration, contact the Alumni Center at (864) 656-2345.

Clemson Celebrates 50 Years of Coeducation!
New ANC president

Alumnus Witt I. Langstaff Jr. ’75 is leading the Clemson Alumni Association as president of the Alumni National Council (ANC). After more than 24 years of general management experience with Sonoco Products Co., he’s now a corporate training consultant.

Before becoming ANC president, Langstaff, a Hartsville resident, served Clemson alumni in Chesterfield, Darlington, Kershaw, Lee, Marlboro and Sumter counties. He’s also served in community-based organizations including the United Way, Rotary Club and YMCA.

During his student days, he was president of Tiger Brotherhood and a member of Blue Key, Block C and Alpha Tau Omega. A track standout, the ACC named him Clemson’s Senior Merit Award recipient. His brother George ’78, sisters Sara L. Masters ’78 and Lindy L. Cutshall ’84, and daughter Emily ’03 are all Clemson alumni. His mother, Helen, has been honored by Tiger Brotherhood as Mother of the Year. Earlier this year, he and his family dotted the “I” during the Tigers’ football game against Georgia Tech.

To Russia with PASSPORT

These PASSPORT Travelers cruised the Baltic Sea on the Grand Princess last summer as part of the Alumni Association’s Scandinavian and Russian cruise.

Upcoming travel adventures include a December 2004 river cruise of Austria’s holiday markets, a July 2005 Alaska by-land-and-sea cruise, an August 2005 land tour of Italy’s Lake District and a to-be-announced motor coach tour of Scotland. For more information, visit the Web at alumni.clemson.edu and click on “travel,” or call (864) 656-2345.

Cool Clemson women

Meet the current Clemson Women’s Alumni Council. Pictured are, front row from left, Gayle Price, Andrea MacMeccan, Catherine Davis, Tory Watson, Jennifer Graham and Shelley Carter; second row, Julie Collenberg, Leah Hughes, Jamie Young, Lori Smith, Paige Parker and Heather Byrd; back row, Amy Birch, Jessie Hood, Trish Proctor, Christine Varadi, Lynn West and Kathy Rukat.

The council sponsors events for Clemson women graduates around the state and region. The organization also promotes the Women’s Council Scholarship Endowment, which provides scholarships to four Clemson students.

For more information, call the Alumni Office at (864) 656-2345.

Bring your daughter

Nearly 200 participants gathered for the annual Bring Your Daughter to Clemson weekend, May 15-16. Pictured is Women’s Alumni Council chair Julie Collenberg ’84 (right) and her niece Monica Allen.

From building cardboard-hanger planes to screen printing Tiger Rags, these Clemson daughters had a fun experience culminating in a run down The Hill into Death Valley.

For information about next year’s Bring Your Daughter to Clemson weekend, call (864) 656-2345. To see more photos of this year’s event, visit the Web at alumni.clemson.edu/women.

Virginia Clemson tags

Be one of the first Clemson alumni in Virginia to have your own Tiger tag. Organizers need only 100 more applications to reach the required number of 350. For more information and an application, go to www.dctigers.org and click on “license plates.”
**Calling All**

**Grads from the mid-1970s**  
The Classes of 1974, 1975 and 1976 will have their 30th Reunion April 1-3, 2005, at the Conference Center and Inn at Clemson University. Events include a performance by the Headliners from Hilton Head and a golf tournament at the Walker Course. Call early to reserve a room at the Martin Inn (1-888-654-9020). For more information, call the Alumni Center at (864) 656-2345.

**Dixie Skydivers**  
For the past two years, Ed Selby '62, first president of the Dixie Skydivers, has been publishing a newsletter with stories, photos and a directory of past and current members. If you were a member and have not received the newsletter, contact Selby at 4010 Crayton Road, Naples, FL 34103-3533; call (239) 261-2062; or email oldpacknaples@earthlink.net.

**Clemson fliers**  
Alumnus Skeet Vaughan Jr. '51, M '59 is collecting information on Clemson’s aviation heritage and flight clubs (called the Aero Club in the early days). He would also like to hear from alumni who worked in the early U.S. Air Force Missile and Space Program and those who worked in the early NASA Space Program. Please contact Vaughan at skeet@knology.net or o.h.vaughan@alumni.clemson.edu.

**Montana Tigers**  
These Clemson alumni and friends gathered at the inaugural meeting of the Montana Clemson Club in Bozeman earlier this year. They are, standing from left, Manfred Birk; Bruce Yandle, interim dean of the College of Business and Behavioral Science; Neill Cameron, vice president of Advancement; Bobby McCormick, economics professor and BB&T Scholar; and Sylvia Birk. Front row are Dan Harding ’94, and Doug ’88 and Bridgitte Fletcher ’89 with their children.

For more information about a Clemson Club in your area, call (864) 656-2345 or go online at alumni.clemson.edu.

**Outstanding!**  
The Clemson Black Alumni Council (CBAC) honored several of its members for outstanding service earlier this year. Pictured with Matt Watkins ’77, M ’81, senior director of the Alumni Association, from left are Ben Pickering ’98, president of the Atlanta CBAC chapter; Crystal Pressley ’01 of Greenville; Eddie Robinson ’79, former Alumni Association president; and Jessie Hood ’94, current CBAC president.

Pickering was awarded for CBAC Chapter of the Year, Pressley for CBAC Volunteer of the Year and Robinson for 2004 Black Alumnus of Merit.

CBAC has 15 chapters from Philadelphia, Pa., to Charleston, S.C. For information about a chapter near you, call (864) 656-2345 or visit the Web at alumni.clemson.edu and click on “clubs.”

**Tennessee Tigers**  
These incoming freshmen from Tennessee joined the Middle Tennessee Clemson Club for its annual Welcome Picnic at Edwin Warner Park last summer. They are, from left, Caroline Brewster, Clay Parkes, Eric Murphy, Park Meadors, Chris Raquet, Walker Mathews and Brittany Gibbons.
Welcome Back!

Thousands of students nudged their way along College Avenue in downtown Clemson during the 19th annual Welcome Back Festival, marking the start of the 2004-05 year. The long-standing tradition is sponsored by the Clemson Student Alumni Council and Clemson Alumni Association with support from the city of Clemson and area businesses.

SAC hosts

Clemson’s Student Alumni Council (SAC), led by festival chairpersons Brittaine Hinkson and Barrett Burley, made Welcome Back another huge success. Each year, the council uses the proceeds from the festival to support Jervey and Poole scholarships. The proceeds from this year’s festival are the largest ever. SAC is the 35-member leadership body of the Student Alumni Association. Members work throughout the year to connect Clemson students and alumni. For more about SAC, visit the Web at alumni.clemson.edu/sac.

Movin’ in day

Students flooded back to campus in early August. Approximately 6,500 Clemson students live on campus in 21 residence halls, four apartment areas and the Clemson House. In addition to high speed Internet, safety card-access entries and other popular services, Housing provides resident assistants and directors trained in counseling and crisis management and special living communities.

First class

Freshmen and new transfer students gathered in Littlejohn Coliseum for their first assignment — a lecture by Tim O’Brien, author of The Things They Carried, a fictional account of a soldier’s time in Vietnam. The book was chosen for Clemson's summer reading program to inspire conversation and thought throughout the campus about war in general as well as how today’s conflicts overseas may trigger similar opinions. The annual reading program introduces students to Clemson’s intellectual community.

Picnic with the President

Freshmen made new friends during Kickoff Clemson in the Outdoor Theater and a picnic on the lawn of the President’s home.

Tiger Band

Clemson’s Tiger Band, directed by Mark Spede, is 200 musicians strong, its largest membership in four years. The band is supported by the Clemson University Tiger Band Association (CUTBA), alumni and friends committed to enhancing its tradition. Last summer the association reached a milestone when its band endowment reached $200,000. For more information about Tiger Band and alumni support, visit the Web at www.clemson.edu and click on “Tiger Band.”
The Clemson Family

Reveille

Clemson Air Force ROTC students raise the American flag over Tillman in a weekly reveille ceremony. These students are carrying on Clemson’s rich military tradition.

The current Army ROTC has 137 cadets, and the Air Force has 162. With the Clemson Corps, the University’s military alumni support group, the programs continue to grow and succeed.

For more information about Army ROTC, visit the Web at business.clemson.edu/armyrotc. For Air Force, visit the Web at business.clemson.edu/aerospac/ or AFROTC.com, or call 1-866-4AFROTC. For Clemson Corps, go to alumni.clemson.edu/clemsoncorps.htm.

Cast Away among nation’s best

Clemson’s concrete canoe team earned fourth place in the 2004 National Concrete Canoe Competition in Reston, Va., earlier this year.

The annual competition brought together civil engineering students from 22 top universities in the United States and Canada. Teams competed in five races and were also judged on a technical paper, presentation and appearance. Clemson’s canoe Cast Away placed first in four races and second in the other. The canoe team volunteered 2,000 hours on the project that challenged the students to design and fabricate a canoe using concrete as the primary ingredient.

The competition, which will be hosted by Clemson in 2005, is organized by the American Society of Civil Engineers and sponsored by Master Builders Inc. with additional support from Baker Concrete Construction, Cemex USA and U.S. Silica Co. For more information, visit the Web at www.ces.clemson.edu/~canoe.

Rings of honor

As these Clemson students slipped on their new class rings in September, they shared the experience with family and University leaders during the Clemson Ring Ceremony, sponsored by the Clemson Alumni Association and the Student Alumni Association.

Pictured, far left, are Lisa B. ’79, Emory Jr. ’05 and E. Guy ’77 Hendrix; right, Rebecca Heaton ’05, Polly Burleson ’05, Tory Watson ’05 and Emily Manning ’04 (president of SAC); and lower left, Dave Merry ’69 and Jessica Shirley ’05.

For information about the ceremony, call (864) 656-2345 or visit the Web at alumni.clemson.edu/saa.

Student ‘alumni’

In addition to sponsoring the Clemson Ring Ceremony, the University’s Student Alumni Association (SAA) provides many other benefits for current students.

SAA members receive special discounts with local businesses, monthly drawings for prizes and a member packet filled with goodies. They’re invited to exclusive professional development activities and have the opportunity to network with Clemson alumni.

Membership fees are $20 annually, with $5 going to the Clemson Fund to support academics and $15 to SAA programs. For more information about SAA, visit the Web at alumni.clemson.edu/saa.
Clemson's Special Collections has received two more memoirs of Clemson men’s experiences during World War II — from Harriet Mays, widow of Harry R. Mays, and from Wallace A. Storey Sr. These recollections provide the personal side to the big picture of the service that a generation of Clemson men provided for their country.

For more information about these memoirs or donating your own, call (864) 656-3031 or visit the Web at www.lib.clemson.edu/SpCol/schp.html.

Solid Orange
George U. ’55 and Nancy M ’76 Bennett

Although alumnus George Bennett has retired from his primary role as executive director of IPTAY, Clemson’s athletic fund-raising organization, the University isn’t letting him get away just yet.

He continues to serve as an ambassador for the University. His duties include managing IPTAY’s Brick Program and continuing to assist with IPTAY membership and the WestZone project. He’s also taking on more responsibility with the Clemson Athletic Hall of Fame.

Bennett has served 27 years at the University in various roles. Along with Nancy, his wife, he has become one of the most popular figureheads at Clemson. Their children, Jeff Bennett ’82 and Bonnie Bennett Dixon ’84, are also Clemson graduates.

He was recently awarded the Lifetime Achievement Award by the National Association of Athletic Development Directors, capping off a memorable career. Bennett’s new office is in the Jervey Athletic Center, and he can still be reached at (864) 656-2972.
During that time, he was associated with numerous antiballistic missile and defensive missile programs, most notably the Sprint missile, a part of the NIKE-X system and the Patriot system used successfully in both Gulf Wars.

**John W. Miley (CHEM) of Campobello** was awarded the 2004 Industrial Research Institute Medal and the Milliken President’s Award. He’s division director of research, development and technology of Milliken’s chemical division.

**1965**

**Louis B. Fogle (EDUC) of Asheville, N.C.,** has retired as football coach and athletic director at Asheville High School.

**1966**

**William C. Crowley (INDMGT)** of Fayetteville, Ga., was named executive vice president of Peachtree National Bank.

**1967**

**Richard C. Bell (PREMED)** of Wichita, Kan., is teaching sports administration at Wichita State University.

**Oscar N. Vick III (INED, M ’70)** of Charleston is featured in the new cookbook *Sweetly Southern, Delicious Desserts from the Sons of Confederate Veterans.*

**1968**

**Donna A. Gardner (ARCH)** of Greenville, president of Donald A. Gardner Architects Inc., and his firm received the national 2004 Dell/NFIB Small Business Excellence and Customer Experience Award.

**1969**

**J. Cliff Hubbard III (INDMGT)** of Boston, Mass., is vice president and chief information officer with The Robert Allen Group.

**Sharon Brown Miller (M PLPATH) of Clemson** was awarded the 2004 Presidential Medallion for Instructional Excellence at Tri-County Technical College, Pendleton, where she’s a biology instructor.

**1971**

**John R. Abel (ZOOL) of Gaithersburg, Md.,** has published his first book, *The ABC’s of Dynamic Selling.*

**1972**

**Wayne H. Camas (PREARCH, M ’75 ARCH)** of Charlotte, N.C., was selected to serve on the 2004 Color Council. He’s president of Camas Associates Architects PA.

**A different flight**

**Keith R. Parris ’69**

After Air Force ROTC officer and distinguished military graduate Keith Parris finished Clemson, he served nearly eight years as a fighter pilot, flying F-4E Phantom II aircraft in the United States, Europe and Asia. As an Air Force captain, he earned numerous commendations, including a Meritorious Service Medal and Top Gun Aircraft Commander, 17th Air Force, U.S. Air Forces in Europe.

Next, he earned an MBA at the University of Texas at San Antonio and a CPA certificate as one of the top-10 recipients to be certified in Texas. He worked for two decades as director of both financial and operational areas at Valero Energy Corp. and Pacific Gas and Electric Corp.’s Texas subsidiaries.

But after a serious illness in 1998, Parris retired to devote his time to his lifelong passion of writing. His first book, *TORI and Other Poems and Short Stories,* was privately published several years ago. His latest work, *The Servants of Freedom —* a novel set in 1970s Europe that reflects his appreciation for the sacrifices of men and women of the Armed Forces — was published by iUniverse in May.

For more about the novel, visit the Web at www.keithparris.com or call (210) 495-6673.

**National Speaker**

**David H. Wilkins ’68**

S.C. House Speaker David Wilkins is a recipient of the Excellence in State Legislature Award from the National Conference of State Legislatures.

The award is given to a house or senate leader who has worked to build and preserve public trust and whose career embodies integrity, leadership, courage and high ethical standards.

Wilkins has served as speaker of the S.C. House of Representatives since December 1994. He began his legislative career in 1981, serving six years as chairman of the Judiciary Committee and two years as speaker pro tem. A longtime advocate for Clemson, he’s helped place Clemson in a legislative position to become a top-20 public university.

He’s earned a variety of leadership and service awards including Clemson’s Distinguished Service Award and Honorary Doctor of Humanities.

**Paul W. Mims (CHE) of Bee Cave, Texas,** was elected to the board of trustees of Hugh O’Brian Youth Leadership. He’s a program director with MMC Group LP in Dallas.

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Traveling in style
Thompson E. ’72, M ’74 and Gretchen McKellar ’83 Penney

As 2003 national president of the American Institute of Architects, alumnus Thom Penney traveled over 210,000 miles, visiting 11 countries. At the beginning of his travels, he decided to mark basic black luggage so he could readily identify it on the airline carousel. His choice of identification? A Tiger Rag, of course.

Penney, who recently received honorary membership in the Japan Institute of Architects, is president and CEO of LS3P Associates Ltd. in Charleston. He holds two Clemson degrees in architecture. His wife, Gretchen, holds a degree in design. The Penneys are pictured here on their last international trip of the year with their well-traveled Tiger Rag.

ProMaker partners
S. Len ’74 and Jane Price ’75 Gough

Clemson marriage and business partners, Len and Jane Gough own ProMaker Marketing in Atlanta, Ga., a sports marketing agency with a heart for nonprofit concerns.

At Clemson, Jane was marketing manager for ARAMARK campus dining. She also worked with abused and neglected children. Len was with the athletic department, where he was associate director for the first IPTAY fund-raising campaign to generate $5 million.

Len later joined R.H. Brooks ’60 in Atlanta to direct motorsports marketing for Hooters Restaurants. Jane moved her career with ARAMARK to the Georgia Tech campus, and the Goughs continued nonprofit work with churches and youth homes.

A favorite ProMaker client is Clemson basketball great Larry Nance ’82. Already an NBA legend, Nance is launching a new career as an NHRA Pro-Stock drag racer with a marketing program by the Goughs. The plan will also benefit the National Alzheimer’s Foundation.

One of ProMaker’s pet nonprofit projects is the Tiger Golf Gathering. The event, set for Dec. 9-10, 2004, at Thornblade Club in Greenville, benefits the Clemson golf program. For more information, visit the Web at www.tigergolfgathering.com, email info@tigergolfgathering.com or call (770) 716-8420.
The Clemson Family

academic honor. He serves as pastor of Seven Oaks Presbyterian Church in Columbia.

1987
Frederick R. Broome Jr. (CE) of Naval Air Station, Keflavik, Iceland, was promoted to commander, Civil Engineers Corps, U.S. Navy. He’s public works officer in charge of construction.
Lou Ann Clary Frawel (CRE) of Pittsburgh, Pa., is teaching mathematics at Shady Side Academy.
Angela M. Kirby (M ACCT) of Columbia is a member of the law firm McAngus Goudelock & Coursie LLC. She’s practicing in the areas of estate planning, probate, taxation and business law.

1988
Tony W. McGuirt (EE, M ‘90 CNLGUID) of Simpsonville is director of sales and marketing for Unique Venues.
John D. Tomlinson (ME, M ’89 INDMGT) is married and living in Greenville. He’s a quality engineer for General Electric.

1989
Frances Smith Griggs (HIST) of Columbia is second vice president for corporate affairs and assistant counsel at Kanawha Insurance Co.
N. Todd Pigeon (MKTG) of Madison, N.J., is managing director of Maerk SeaLand in Kiev, Ukraine.

1990
Jennifer Stott Edwards (FR) of Tappahannock, Va., teaches French at Middlesex High School.
William P. Fox (PhD INDE) of Florence received the Award for Excellence in Research at Francis Marion University where he is chairman of the mathematics department.

H. Gregory (PRTM, M ’95, PhD ’99) and Melissa Owen (M ’94 PRTM) Hawkins live in Clemson. He’s the director of the Jim Self Center on the Future at the Strom Thurmond Institute.
Laurens C. Nicholson II (INED) of Greenville was awarded the certified commercial investment member designation. He’s a commercial realtor with NAI Earle Furman LLC.

R. Todd Ray (DESIGN) of Arlington, Va., is principal of Studio27 Architecture in Washington, D.C. The firm was a winner in the Green Building Design Competition by the New York City Department of Environmental Protection and the U.S. Environmental Protection Agency Region 2.

Carol J. Strickland (FINMGT) of Columbus, Md., is director of finance and administration for the Association of Women’s Health, Obstetric and Neonatal Nurses.

1991
Dale Drake Ginn (M ELED) of Anderson was named Teacher of the Year at Homeland Park Elementary School.

Top N.C. vet
David T. Marshall ’76
Zoology graduate David Marshall of Raleigh, N.C., was recently named Veterinarian of the Year by the N.C. Veterinary Medical Association.
North Carolina’s state veterinarian since 2000, Marshall also serves as assistant commissioner of the N.C. Department of Agriculture and Consumer Services, with responsibilities involving all facets of the department’s animal agriculture activities.

Marshall is secretary-treasurer of the Southern Animal Health Association and a member of the U.S. Animal Health Association’s board of directors. He’s also a member of the N.C. Veterinary Medical Board and was recently appointed to serve on the National Pseudorabies Control Board. He’s an adjunct professor at N.C. State University’s College of Veterinary Medicine.

Monica Hacker Hadwin (PSYCH, M ’93 CNLGUID) lives and teaches in Chaplin.
Christopher L. Hanna (FINMGT) of Dallas, Texas, is a senior consultant with Lexmark International. He works with educators to help create a financial model around campus hardcopy output production.
Otis Sam Kerns (CHE) of Kew Gardens, N.Y., is the process evaluation specialist in the Environmental Protection Agency’s hazardous waste enforcement program.

Rob B. Urlock (FINMGT) of Annapolis, Md., is a work relationship manager and assistant vice president for T. Rowe Price Retirement Plan Services in Owings Mills.

1992
R. Paul Bryant (ME) of Mableton, Ga., is a senior operations engineer with Lockheed Martin Aeronautics Co. in Marietta. He’s a lean/six sigma blackbelt and pursuing an MBA degree.
Cynthia Rogers Gistler (M SED-NS) of Seneca is working for Upstate AHEC in the area of education, recruitment and retention of health-care professionals in the Upstate.

Mark H. Johnson (PSYCH) of Sumter received a master’s degree in health administration from the Medical University of South Carolina.
Dorothy Funchess McCoy (L&IT) of Walhalla is teaching in Oconee County.

Steven P. Naldi (M INDMGT) of Bloomington, Ind., is director of materials for Boston Scientific in Miami, Fla.

Wise counsel
Clayton D. Steadman ’78
History graduate Clayton Steadman has come home to Clemson as the University’s new general counsel. He follows Ben Anderson ’73, who has retired after 28 years of service at Clemson.

Steadman, who earned his law degree from Emory University, returns to campus from the Medical College of Georgia where he served as vice president for legal affairs.

At Clemson, he will coordinate all University legal matters, assist with the development of policies and goals, provide legal advice as needed, and assist in the management of NCAA compliance issues.
Taking up law
Margie Thomas Pizarro ’91

Clemson alumnus Margie Pizarro has had a successful career as an elementary school teacher. The mother of four, however, has another passion in addition to teaching. She’s had a lifelong interest in law.

Between her teaching duties and taking care of her children, she’s volunteered for a capital litigation attorney, researched law careers, observed court proceedings and explored her options for law school. In the meantime, she also enrolled in a paralegal program at Greenville Technical College.

Last fall when she heard about the new Charleston School of Law, she knew it was the opportunity she’d been hoping for. As a Walterboro native, she has family in the area to help with the children and give moral support. This August she ended one chapter and began another as a law student.

Pictured with Pizarro are her children, clockwise from top, Robert, Mariano, Alexis and Martinez.

David M. Steinberg (INDE) of Atlanta, Ga., graduated from the Georgia Tech MBA program and is a marketing manager for Imerys in Roswell.

1993
Heidi Huber (DESIGN) and Paul G. Jr. (’96 DESIGN, M ‘02 ARCH) Doyle are living in Braintree, Mass.

Cynthia L. Leaphart (ECON) of Pittsburgh, Pa., has completed a two-year surgical residency in Florida and is doing research in pediatric surgery at The Children’s Hospital of Pittsburgh, studying necrotizing enterocolitis, the leading cause of death in premature babies.

Amy Feagin (BIOLSC) and Patrick R. (‘99 MICRO) Withers are married and living in Summerville. She’s a pediatric physical therapist at Trident Regional Hospital, and he’s a youth minister at St. John the Beloved Catholic Church.

1994
Truma G. Hill (HLTHSC) of Greenville is a physical therapist.

Jennifer Smith Rogers (VIS-ST) is married and living in Mount Pleasant. She is an artist and exhibits her work at Smith-Killian Fine Art, a Charleston gallery.

1995
James B. (EE) and Hilary Davis (‘96 INDE) Case are living in Jacksonville, Fla. He works in the IT department of Winn Dixie.

James T. Gaine (ARCH) of Clemson was appointed the 2004 Collegiate All-American Coach for the USA Rugby team. He’s head coach for the University’s rugby club and led the team to a 20-2 record in just his second year.

Raymond A. Jacobson (M PHYS) of Durham, N.C., is vice president of investments and finance for the Golden LEAF Foundation.

1996
Laura Tesi Bress (FDSC) has moved back to South Carolina from New Jersey and is now living in Greenville and teaching elementary school.

Vickie Kalsounis (EE) and Matthew W. (‘98 INDE) Hoffmann are married and living in Mount Pleasant.

David M. Milner (EE) of Puyallup, Wash., is a captain and pilot in the U.S. Air Force.

Lauren Wilson (INDMGT) and David A. (‘98 CHE) Rosenbaum are living in Richmond, Va. He received an MBA from the Darden School of Business at the University of Virginia and is employed by Genworth Financial.

Christine D. Tamms (L&IT) of Brooklyn, N.Y., is assistant vice president, sales and administration for Dolan, Pollak & Schram Development Co., New York. She passed the New York real estate salesperson exam.

1997
Christopher A. Black (SED-MA) is married and living in York.

Clemson in Turkey

Recently retired Clemson professors Myles and Susan Wallace traveled to Turkey earlier this year and found familiar faces along the way.

Myles Wallace, Clemson economics professor emeritus, was invited to two universities in Izmir as a guest lecturer. His wife, Susan, a longtime Clemson agronomy professor, joined him. They visited Calgar Karakaya PhD ’01 (crop and soil environmental science) and Alp Kustepeli PhD ’99 (electrical engineering), both on faculty at Izmir Institute of Technology, and Alp’s wife, Yesim PhD ’99 (economics), on faculty at Dokuz Eytul University.

Pictured outside a restaurant in Izmir are, from left, Myles Wallace, Calgar Karakaya, Susan Wallace and Alp Kustepeli.

Nina Dillon-Morris (PSYCH) is married and living in Charleston, Va. She’s a licensed professional counselor.

Robert L. Morgan (DESIGN) of Mount Pleasant received master of architecture and master in real estate development degrees from the Massachusetts Institute of Technology. He’s a real estate developer with Trammell Crow Residential.

Christopher M. O’Dea (MGT) is married and living in Plainview, N.Y.

Cynthia Marvin Wesolowski (HLTHSC) is married and living in Lexington. She’s a pediatric physical therapist in Columbia.

1998
Michael Shannon Carter (ACCT) of Charleston has earned his certified public accountant license. He’s a staff accountant with Gamble Givens & Moody LLC.

Your class counts

The number of alumni who make a gift every year is a key factor in Clemson’s becoming a top public university. To see how your class is doing, visit the Web at alumni.clemson.edu/projects/sipdate.htm for the latest numbers.
Wildlife biology graduate Takako Hashimoto ’01 works with the U.S. Fish and Wildlife Service at Pelican Island National Wildlife Refuge (NWR), America’s first refuge established in 1903, on the central east coast of Florida.

Hashimoto joined the U.S. Fish and Wildlife Service as a co-op student at Clemson. Before Pelican Island, she worked with manatees and the whooping crane reintroduction project at Chassahowitzka NWR north of Tampa Bay.

Her office also manages Archie Carr National Wildlife Refuge, which hosts the largest population of nesting loggerhead sea turtles in the Northern Hemisphere.

Trips, spills and faux pas; blunders and assumptions — even our Ask-a-Tiger mentors make mistakes. More than 200 alumni submitted their most embarrassing career moments, hoping to help future graduates avoid the same pitfalls.

Laugh and learn from these blushing tales or sign up to become an Ask-a-Tiger mentor by visiting askatiger.clemson.edu (password: alumnitiger).

Congratulations to Buzz Payne ’92 of Atlanta for winning the Alumni Stadium Suite tickets for the N.C. State football game. Thanks to all who participated.
Amanda Burnett (SED-SP) and J. Ben (SED-SP) Cos. are living in Campobello. They both received master’s degrees in Spanish from the University of Northern Iowa and are working for Spartanburg District 6 schools.

Tracey Leigh Jackson (M PUBADM) of Spartanburg was named 2004 Business Person of the Year by the Spartanburg Jaycees Junior Chamber of Commerce. She’s executive director of Piedmont Care Inc.

1999
Mary Doyle (HORT) and George W. III (’00 HORT TG) Bell are married and living in Charleston.

Kirsten Harken (SOC, M ’02 APLSOC) and Daniel J. (’01 M PRTM) Dodd are married and living in Arnold, Md.

Watson Lee Dorn III (M ARCH) of Greenwood is a licensed S.C. architect with Furman and Associates LLC.

Brent K. Faulkner (SP&COMM) of Pensacola, Fla., is a lieutenant in the U.S. Navy and is a defense attorney with the U.S. Navy Judge Advocate General Corps.

Ashley Hall (HLTHSC) and E. Ben (CE) Leinster are living in Greenville. He graduated from the University of South Carolina Law School and is practicing in Greenville.

Jason D. Porter (POSC) of Piedmont is working for Bryan D. Ramey & Associates P.A.

Danielle E. Ream (ENGL) of Blythewood graduated from Sherman College of Straight Chiropractic in Spartanburg. She’s board-certified and practicing in Blythewood.

Elizabeth Brosnan Wilkes (NURS) is married and living in Knoxville, Tenn. She received a master’s degree in nurse anesthesia from the University of South Carolina School of Medicine and is a CRNA at Ft. Sanders Parkwest Medical Center.

2000
Julia A. France (NURS) of Seattle, Wash., is a captain in the U.S. Army serving as a critical care nurse.

T. Brandt (MKTG, M ’02 HRD) and Catherine “Clay” Healy (’01 SP&COMM, M ’03 PRO-COM) Gilbert are married and living in Greenville. He’s a sales representative for King Pharmaceuticals, and she’s manager of public relations for the Greater Greenville Chamber of Commerce.

Matthew R. Lawrence (INDE) of Montgomery, Ala., is a first lieutenant in the U.S. Army. He is serving in Iraq with the 588th Engineer Battalion.

Mark B. (PRTM) and Monica Newton (L&IT) Molinar are living in Greensboro, N.C. He’s a surgical sales representative for EBI Medical, and she’s an account manager for Paychex.

Sean P. Paone (LSAH) of Fairfax Station, Va., is a site designer with ColeJenest & Stone in Charlotte.

Martha T. Self (POSC) of Jackson, Miss., is attending law school at Mississippi College.

John K. Wharton (MGT) of Greenville is a lieutenant in the U.S. Army. He has completed Army ranger training and airborne training at Fort Benning, Ga., and is serving as a firing platoon leader for a multiple launch system with the 6-32 Field Artillery Battalion in Fort Sill, Okla.

2001
Andrea M. Holt (SP&COMM) of San Antonio, Texas, is pursuing a Ph.D. in mass communications at the University of Alabama where she received an assistantship for research and teaching.

Phillip B. Hughes (MGT) is married and living in Seneca. He’s a research grant coordinator at the University.

Rebecca Jelen Lee (CHE) of Decatur, Ga., received a master’s degree in chemical engineering from Georgia Tech. She’s teaching technology education at Lithonia Middle School.

Chris M. (CRE) and Meredith Dance (’03 MKTG) Urban are married and living in Greensboro, N.C.
The Clemson Family

2002
Rebecca Adams Cannon (NURS) is married and living in Dallas, Texas. She works in intensive care at Baylor-Garland.

Brian J. (M '02 CRP) and Morgan Hutchinson (’03 LSAH) Gosey are married and living in Easley.

Kristin J. Runger (SP&COMM) of Knoxville, Tenn., received a master’s degree in public relations from the University of Tennessee.

Allison Lambert Wells (SP&COMM) is married and living in Seneca. She owns and operates Orange Blossom Photography.

2003
Steve R. Newcombe (CHE) is married and living in Rockville, Md.

Nicole M. Piponidis (ME) of East Longmeadow, Mass., is a mechanical engineer with Quality Engineering and Software Technologies, an engineering consulting company. She’s working in the aerospace division in East Hartford, Conn.

Gerald Greg Wilson Jr. (ECON) of Inman is a specialist with the airborne military police in the U.S. Army stationed at Fort Leonard-Wood, Mo.

Adam D. Witty (MKTG) is living in Charleston where he has relocated his businesses Advantage Networks and Ticket Advantage.

Jamie Lin Woodbrey (SP&COMM) of Portland, Maine, is an account coordinator for Wolfe Public Relations in Scarborough.

2004
Heath T. Mills (BIOS-EN) of Clemson is attending medical school at the Medical College of Georgia.

Wes B. Tuttle (FINMGT) is living in Charleston.

‘Bike and Build’
Joseph L. Godsey ’04

After Joseph Godsey graduated last May, he set out to explore the “real world” — on his bike.

Godsey has recently ridden across the country on his bike as part of Bike and Build, an effort that raises money and awareness for organizations, such as Habitat for Humanity, that provide affordable housing for those in need.

To participate in the journey, he raised $4,000 on his own. He then biked alongside 20 other college students 4,000 miles from Virginia Beach, Va., to Portland, Ore., traveling 60 to 70 miles per day.

The Kingsport, Tenn., native earned degrees in computer engineering and political science and received the Algernon Sydney Sullivan Award at graduation. Godsey was a member of the University’s first class of Clemson National Scholars.

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C. Stephen Helms ’76, a daughter, Mary Elizabeth, May 1, 2004.
Matthew Banks Ward ’81, M ’90, a daughter, Summers Jacqueline, April 5, 2002.
Wendy Churchill Merrill ’85, a daughter, Kasten Margaret, Oct. 4, 2002.
Tamara Harder ’87, M ’90 and Scott ’88 Yount, a son, Spencer Alan, March 28, 2004.
Frances Smith Griggs ’89, a daughter, Elise Frances, Aug. 8, 2003.
Susan Huber Kern ’89, a son, Matthew David, Aug. 6, 2003.

Richard Carroll Pace ’89, twins, Kelsey Parker and Brooklyn Claire, March 11, 2004.
Suzanna Carter Foley ’90, a daughter, Elizabeth Carter, March 16, 2004.
Marc A. Kimpson ’90, a daughter, Macy Elizabeth, Aug. 18, 2002.
Cheryl Thompson Linhard ’90, a daughter, Claire Elizabeth, June 19, 2003.
C. Brian Sturkie ’90, a daughter, Olivia Marguerite, April 8, 2004.
Chris M. Barranco ’91, a son, Devin Thomas, Aug. 9, 2003.
Curtis C. and Elizabeth Holaday Crites ’91, a daughter, Madeline Claire, May 10, 2004.
Monica Hacker Hadwin ’91, M ’93, a son, Saint Cee Delphis Thomas Hacker, April 25, 2004.

Lauren Hendricks Moore ’91, M ’97, a daughter, Emma Claire, April 5, 2004.
Shelley Dupre Zimmerman ’91, a daughter, Grace Elizabeth, April 14, 2004.
Ashley English ’92, M ’94 and Timothy Michael ’93, M ’95 Grant, a daughter, Mary Blake, April 21, 2004.
Dorothy Funchess McCoy ’92, a daughter, Charlotte Sheridan, May 28, 2004.
Sam S. ’92 and Dina McMahon ’93 Munn, a daughter, Charlotte Victoria, Jan. 13, 2004.
Robert T. Bland ’93, a daughter, Sarah Elizabeth, May 12, 2004.
Elizabeth Pleacher Cotter ’93, a daughter, Katherine Jean, May 28, 2004.
Heidi Marie Huber ’93 and Paul G. ’96, M ’02 Doyle, a daughter, Alexandra Grace, Feb. 24, 2003.
Kathleen Daly Shand ’93, a son, Dawson Daly, April 29, 2004.
Lisa Tracy ’93 and David L. ’94 Smith, twin daughters, Anna Louise and Sophie Rose, April 8, 2004.
Ashley Kirkland Hall ’94, a son, Jake Michael, Nov. 18, 2003.
Allyson Dixon ’94, M ’97, PhD ’00 and Jeff D. ’02 McCall, a daughter, Grace Claire, March 31, 2004.

Julie Hoecevar Werven ’94, a daughter, Peyton Elizabeth, Nov. 21, 2003.
Bryan J. ’94 and Peggy Dougherty ’95 Williams, a son, Amber Joy, April 6, 2004.
James B. ’95 and Hilary Davis ’96 Case, a daughter, Anne Davis, March 19, 2004.
Ashley Fuduric Duchesne ’95, a son, Jackson Miles, April 9, 2004.
Catherine Newcomb Tevald ’95, a daughter, Anna Riley, Nov. 6, 2003.
John Brent Thomas ’95, a daughter, Emma Louise, April 16, 2004.
Kimberlee Fisher ’95 and John David ’97 Turner, a daughter, Claire Marie, June 20, 2002.
Brett D. and Jill Schmidt Alkins ’96, twin sons, Adam Robert and Scott Denman, April 12, 2004.
Mark T. Prince ’96, a son, Micah Tanyon, April 17, 2004.
What’s new? We like to hear from you.

Sorry for the delay!
You may not see your class note in the issue or two after you send it in because of the whoppin’ amount we receive and the cutoff time necessary to keep the magazine on schedule. But we will include it as soon as possible. Thanks for your patience.

Are you receiving duplicate copies of this magazine? Please help us keep our mailing costs down by taping your address information from the back cover in the space below so that we can delete it from our list.

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Name (Please include maiden name.)
Year of Graduation    Major
Town and State

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Or tear along perforated lines and mail your news to Clemson World, 114 Daniel Drive, Clemson, SC 29631-1520.
Passings

Clemson World gives hometowns of deceased alumni — where they were from when they were Clemson students — to help former classmates identify them.

Frank Hill ’32, Evans, Ga.
Elliott H. Lyman Jr. ’32, Sumter
William L. Leverette ’34, Columbia
James Edward Robinson ’40, Florence
John M. “Strick” Strickland ’40, Anderson
Charles L. Whisnant ’40, Atlanta, Ga.
Charles Rufus Beaudrot ’41, Greenwood
T.H. “Ted” Black ’41, Columbia
Frank E. Rogers Jr. ’41, Darlington
Robert L. Scarborough Sr. ’41, Eastover
George S. Coble Jr. ’43, Charlotte, N.C.
Charles R. Howard Sr. ’43, North Augusta
Thomas C. Perry Jr. ’43, Columbus, Ga.
David A. Dukes ’44, Greeleyville
John M. Barnes ’45, Rock Hill
R.L. “Bob” Chaplin Jr. ’48, Ridgeland
Robert W. White ’48, Greenwood
Ray A. Johnson ’49, Pelzer
B.M. “Bill” Alexander ’50, Lyman
William H. Ballinger Sr. ’50, Troy
Lauren P. Booth ’50, Sumter
Thomas M. Ferguson Jr. ’50, York
Charles L. Pace ’50, Marion
Edward M. Martin ’51, Sumter
Donald L. McCall ’51, Hendersonville, N.C.
Hubert H. “Jock” Attaway Jr. ’52, North Charleston
Lee K. Crosland ’52, Bennettsville
Robert H. Hogg Jr. ’52, Hillside, N.J.
L.A. “Tony” Fousek ’54, Anderson
Clarence K. Palmer ’54, Seneca
Don A. Richardson ’54, Seneca
Nolten A. Hildebrand Jr. ’55, St. Matthews
Hoyt D. Lewis ’56, Batesburg
George W. Arnot Jr. ’57, Charleston
Nathan D. Steele Jr. ’57, Statesville, N.C.
Fred G. Sigg ’61, Sheffield, Mass.
James P. Tobin ’64, Saxonburg, Pa.
Jeanne Hairston Wortman ’67, Greenville
Betty Lynn Beach ’69, Greenville
Albert D. Droeger ’71, Charlotte, N.C.
Carol Young Schwartz M ’76, Clemson professor emeritus of nursing
Martha DuBose Green ’77, Clinton
William A. “Buddy” Ready III ’77, Columbia
James J. Scott III ’79, Charleston
Jo Ann Grisham-Heroux ’80, M ’82, Sumter
Edward E. Robertson ’85, Tom Rivers, N.J.
Benjamin K. Cheiritzberg III ’88, Seneca
Gary R. Fullerton ’90, Spartanburg
Christopher R. Karpik ’06, Anderson
Jack C. Howard, information resource consultant for the College of Health, Education and Human Development
Maggie J. Pollard, administrative specialist for the Sumter County Extension Service

Clemson Cadet Awarded Bronze Star with Valor

Tony Mayne, a cadet captain in Clemson’s Army ROTC Corps, recently received the Bronze Star with Valor from LTC Philip Kaiser. As a staff sergeant with the 75th U.S. Army Ranger Regiment, Mayne participated in the early stages of the Iraq war in 2003. He also was involved in early campaigns in Afghanistan after Sept. 11, 2001.

With your support of the Clemson Corps Scholarship Fund, the University’s Air Force and Army ROTC programs can continue to produce military personnel who distinguish themselves by heroic service on the battlefield. Use the envelope in this magazine, or make a secure online contribution at www.clemson.edu/isupportcu. Specify that your gift is for the Clemson Corps.

www.alumni.clemson.edu/clemsoncorps.htm
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Olympic Tigers

Former Tiger track-and-field standout Shawn Crawford struck gold and silver in the 2004 Olympic Games in Greece. He competed in three events for the United States including the 100m, 200m and 4x100m relay. He earned gold in the 200m, leading a USA medal sweep of the event. He also ran lead-off on the 4x100m relay team that finished second in that race. In the 100m, Crawford narrowly missed a medal, placing fourth.

Michelle Burgher ’01 claimed bronze as a member of the Jamaican 4x400m relay team. Former Tiger hurdler Duane Ross ’96 advanced to the semifinals of the 110m hurdles for the United States. Charles Allen ’01, representing Canada, competed in the 110m hurdles and the 4x100m relay. Todd Matthews ’02 represented Sudan in the 110m hurdles. He also was honored as the flag bearer for his team in the opening ceremony. Former Tiger Sultan Tucker competed in the 110m hurdles for Liberia.

Cydonie Mothersill, a Lady Tiger NCAA champion, advanced to the semifinals of the 200m dash as a representative of the Cayman Islands. Itoro Umoh Coleman ’00, a member of the Lady Tiger coaching staff, was captain of the Nigerian women’s basketball team. And Iker Iturbe ’98 competed for Spain’s men’s basketball team.

Student-driven

Stadium & Arena Management, a United Kingdom publication, featured Clemson’s student management of Littlejohn Coliseum earlier this year.

With the renovation of the coliseum, the University revolutionized its management to give students new opportunities and practical experience. Clemson’s University Union, in collaboration with the athletic department, took over daily management of the coliseum and major events planning.

A professional staff works with Tiger Paw Productions, a student organization funded by student government, to research, schedule, promote and facilitate concerts varying from Dave Chappelle to Brooks & Dunn.

More than 150 students are employed to assist in every aspect of coliseum management including front-of-house staffing for Clemson basketball games and coordinating more than 25 other special events throughout the year. In the first year since the renovations, more than $1.2 million in concert tickets was sold to coliseum events.

For more about major events at Littlejohn Coliseum, visit the Web at www.clemsonmajorevents.com. (Pictured is Tiger Paw Productions’ promotional “fanatics cruiser” donated by Lake Keowee Chrysler Dodge, used by the street team to promote basketball and concerts at Littlejohn Coliseum.)

Tiger in ’cane country

Political science graduate Mike Synan ’93 is pictured here covering Hurricane Frances for AM 580 WDBO in Orlando, Fla. He also appeared on MSNBC during the storm and covered Charley for his radio station and ABC News.

When he’s not reporting on hurricanes or other breaking news, he serves as president of the Orlando Clemson Club. Clemson alumni and supporters in the Orlando area can contact him at msynan@cfl.rr.com.
Life out there?

The CNN Presents special — “Is Anybody Out There? The Search for Life in the Universe” — includes Clemson philosophy and religion professor Kelly C. Smith among a host of scientists and other experts.

Smith is the C. Calhoun Lemon Fellow of the Robert J. Rutland Center for Ethics. Clemson’s Rutland Center provides a forum for exploration and discussion of ethical issues in campus and community life. In addition, the center offers programs and sponsors activities for students, faculty and members of the community to deal with the ethical issues that pervade human life.

For more information, visit the Web at www.clemson.edu/caah/rutland.

Clemson culinary

_Culinology™_, the official magazine of the Research Chefs Association, features Clemson’s food science and human nutrition department’s program in its July 2004 issue.

It highlights the department faculty’s work with the Research Chefs Association to implement a program at Clemson dedicated to the “integration of science and art, food chemistry and culinary skill.”

Clemson’s program equips students with food science and culinary knowledge that can help the food industry move toward a consumer-connected approach to product development.

This blending of science and art in the food industry makes Clemson’s outstanding program unique and one that may well become a model for similar programs at other universities. For more information about Clemson’s food science and human nutrition program, visit the Web at www.clemson.edu/foodscience.
Commitment

O’Rourke leads development, alumni affairs

Alumnus Brian O’Rourke ’83, M ’85 has come home to Clemson for the second time. Actually, in a way, he never left. But this time he’s combining his lifelong career and his love of Clemson to become the University’s new director of development and alumni affairs — dual duty to help the University reach its top-20 potential.

O’Rourke first came to Clemson in the late 1970s as a freshman, sight unseen, from Massachusetts. “The Clemson community embraced me,” he recalls. “I was a Yankee from Hanover, but by second semester, I was at home.”

He earned a bachelor’s degree in administrative management in 1983 and a master’s in personnel services in 1985. While at Clemson, he was a basketball manager and was inducted into Tiger Brotherhood, Alpha Tau Omega and Blue Key Honor Society. After graduation, he spent five years as director of field activities for the Clemson Alumni Association.

O’Rourke went on to become vice president of development for St. Francis Health System in Greenville, where he also served as executive director of its foundation. And more recently he was a senior consultant for Corporate Development Mint, a Charleston-based fund-raising consulting firm.

Throughout his career, he’s remained an active donor to Clemson academic and athletic programs and has served in volunteer and leadership roles. Now, as director of development and alumni affairs, O’Rourke will oversee and ensure close collaboration of Clemson’s alumni relations and fund-raising programs.

“I take this responsibility very seriously,” says O’Rourke. “I’m thrilled to come back to Clemson and to be able to use my career skills and experience to help a place I love.”

“I also feel especially grateful to Matt Watkins and the alumni staff and to JoVanna King and the development staff. They make a wonderful professional family here at Clemson.”

Brian and his wife, Amy, whom he refers to as “my greatest asset,” have two sons, Josh ’99 and Nick Kendrick.

Corporations boost gift total

Led by BMW, corporate gifts for Clemson jumped 142 percent in the fiscal year that ended June 30. Corporations gave more than $12 million in 2003-04. Giving from alumni, friends, foundations and corporations topped $26.4 million, a slight increase over the previous year’s $26.3 million. Pledges added an additional $3.9 million.

“This was another good year, which included several significant major gifts, including ones from BMW, Michelin, IBM and Microsoft,” says Neill Cameron, vice president for advancement.

Those companies also are partners with Clemson and the state of South Carolina in the University’s emerging International Center for Automotive Research, a 400-acre graduate education and research campus being developed in Greenville that could make South Carolina the hub of the nation’s automotive and motorsports industry cluster.

In addition to the cash and pledges that Clemson received, the University added $6.1 million to its inventory of planned gifts and bequests, money that will help secure Clemson’s future.

For example, the University realized $2.6 million from bequests in 2003-04, including $1 million from the estate of Ernest and Virginia Carroll of Rock Hill that will be used for unrestricted scholarships.

Purposes for which donors made gifts to the University and the Clemson University Foundation in 2003-04:

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Five Tips for Year-End Giving

If you’re like most people, you do the majority of your charitable giving toward the end of the year. This probably occurs for several reasons. The closing of the tax season encourages itemizers to obtain income tax deductions; a barrage of earnest appeals by nonprofits increases awareness of financial need; and many are simply predisposed to end the year by making a charitable gift to improve the lives of others.

Here are five tips to help you make the most of your year-end giving:

1. **Calculate your income.** Try to get a handle on your tax liability for the year. Did your unearned income increase? Did you sell any appreciated assets? Will you owe more taxes? This alone may motivate you to increase your giving before December 31. In fact, you may even want to move some of your giving forward from next year to create a larger income tax deduction for yourself this year. Non-itemizers may especially find this “grouping of gifts” useful in order to take advantage of an itemized tax return every other year. In any case, by the time you fill out your income tax return, it will be too late to make charitable gifts for the previous year. Take the time to do some planning while you still have an opportunity to make a year-end gift.

2. **Review your stocks.** Look at the stocks you have held for more than a year. Which ones have appreciated the most? It may be prudent for you to make your year-end gift using one or more of these stocks. Here’s why: If you sold the stock, you would incur capital gains tax on the appreciation. However, if you give the stock and allow the University to sell it, no one pays tax. And you get a charitable deduction for the full amount of the stock, just as you would if your gift were made with cash. If you cannot use all of the charitable income tax deduction resulting from the gift, you can carry it forward for up to an additional five years. Such gifts are deductible up to 30 percent of your adjusted gross income.

3. **Consider a life-income gift.** The Clemson University Foundation offers a variety of life-income plans to fit your needs. You can make a gift now, obtain tax benefits and receive income for the rest of your life. Sound too good to be true? A few minutes of your time will convince you otherwise. Our planned giving officer can provide personalized illustrations and printed material to assist you and your advisers.

4. **Do your giving early.** This is especially true if you want to make a gift of noncash assets (stock, mutual funds, real estate, etc.). It also applies to life-income gifts (gift annuities, charitable trusts, etc.). Your professional advisers and the Clemson University Foundation’s planned giving officer will be extremely busy as the year winds down. The sooner you can get your gift activity going, the better it will be for everyone concerned.

5. **Talk to your financial advisers.** Before making any significant gift to Clemson, or to any other nonprofit for that matter, you should have your CPA, attorney, financial planner or other adviser help you understand the impact of your gift on your income tax return or estate. We at the Clemson University Foundation want your giving to be not only generous and joyful, but also of maximum benefit to you.

For more information on giving and ways to maximize your charitable plans, please contact Jo-Vanna King, director of gift and estate planning, Clemson University, PO Box 1889, Clemson SC 29633-1889; telephone (864) 656-0663 or (800) 699-9153; or email jovanna@clemson.edu.

**KEMET commits to innovation forum**

KEMET Corp. has made a $125,000 commitment to the University’s Spiro Center for Entrepreneurial Leadership in recognition of the role Clemson plays in the state’s knowledge-based economy.

The gift, to be dispersed over five years, will support the development of the KEMET Innovation Forum. The first forum, in October, featured Clayton Christensen, the Robert and Jane Cizik Professor of Business Administration at the Harvard Business School. Christensen is author of *The Innovator’s Dilemma* and *The Innovator’s Solution*, two best-selling books about the effects of disruptive technologies on new and established firms.

Clemson’s Spiro Center also serves as the key unit for entrepreneurial education and research for the University, both at the undergraduate and graduate level, crossing all disciplines and colleges. The center collaborates on research grants with internal partners including the Center for Optical Materials Science and Engineering Technology (COMSET) and external organizations including Oak Ridge National Laboratory and the Institute at Biltmore.

In addition, the Spiro Center offers consultation services to inventors and entrepreneurs and participates in many local and regional initiatives to promote entrepreneurial activity and economic development.
Taps

Reach high, for the stars lie hidden in your soul. Dream deep, for every dream precedes the goal.

— Pamela Vaull Starr

Season openers for both the Clemson men’s and women’s basketball teams are on Friday, Nov. 19, at Clemson’s recently renovated Littlejohn Coliseum. Visit www.clemsonorners.com for schedules and other information.