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PHOTO BY PATRICK WRIGHT
Clemson has many “customers” and stakeholders — students and their parents, faculty and staff, our many alumni and supporters — and they’re all important to us.

We want each interaction to be one that reflects our institutional values and our goal of being one of the nation’s top public universities. Even when the interaction is a difficult one — when we must share bad news with a student or parent — it should be with mutual respect, honesty and concern for the individual.

To ensure that this is the kind of Clemson Experience our customers are having, we conducted a major survey of faculty, staff, students and alumni to ask about Clemson interactions. You responded by the thousands. In fact, responses from alumni are still coming in.

We’re taking this opportunity to say thank you for sharing your thoughts, and to let you know what we’ve learned and how we’re responding to what you told us.

First, we were glad that so many of you have had positive interactions with your university. You rate your Alumni Association, IPTAY and this magazine very highly, and that is gratifying. You told us that Clemson employees are generally courteous and helpful. You feel well informed about the University and view our Web site frequently.

But you also told us about some areas where we can do better.

• You let us know that our communication level (voice mail, email and telephone) should improve. Responders indicated much dissatisfaction with voice mail.

• As for our Web site, the majority of comments were positive. But some people still found the site confusing.

• Many responders felt signage around campus could be clearer and that visitor parking spaces were inadequate.

• We also learned that our individual staffs need customer-service training and cross-training (so that there’s not just one person in an office who knows the answer to a particular question). In addition, you told us that some University offices need to stay open later than the customary 4:30 p.m.

We’ve shared the results with administrators across campus, and discussions are under way about how to respond. Some areas already are taking steps to improve customer service. For example:

• The Conference Center and Inn at Clemson University has adopted a “We CARE” program. The acronym stands for “communicate, anticipate, respond, show enthusiasm.” Staff members are using it as their guide for day-to-day service.

• The Alumni Center now has a staff member on call during lunch, a time slot previously staffed most often by students.
• The Clemson University Police Department has already scheduled a customer-service training program for its employees.

I recently communicated to faculty and staff the idea of students as “customers” and stakeholders in the Clemson Experience and encouraged them to be conscious of our interactions with students. We resist thinking of students as traditional customers because in the classroom they aren’t. But in many other senses they are. They chose Clemson. And although they chose us for a variety reasons, certainly one is our commitment to quality.

As we raise expectations for the University as a whole, we must also raise our level of concern for the individual — for you. That’s what we mean by customer service.

James F. Barker, FAIA
President
Clemson climbs in *U.S. News* poll

*CLEMSON CONTINUES TO BE AMONG THE NATION’S TOP NATIONAL PUBLIC universities, according to annual rankings recently released by *U.S. News & World Report* magazine. Clemson is listed as 35th among public doctoral-granting universities, according to the magazine’s annual “America’s Best Colleges” issue. Last year, Clemson ranked 39th.

Clemson’s scores in student quality and selectivity categories, such as average SAT, graduation and retention rates, improved. The magazine also ranked Clemson among schools that do the best job promoting “writing in the disciplines.”

“It’s a tribute to our faculty, staff and students,” says Clemson President Jim Barker. “Whether our ranking goes up or down in any given year, we have a long-term commitment to improving the academic quality of Clemson University in order to reach our vision of being among the top-20 public universities.”

Tied for first

*CLEMSON IS TIED FOR FIRST IN THE NATION IN ITS PROPORTION OF AFRICAN American students who graduate in engineering among nonhistorically black colleges and universities, according to a recent study cited in *Black Issues in Higher Education*. Clemson ties with Georgia Tech in the proportion of black engineering students who complete an undergraduate degree. That ratio factors in the percentage of African American students as compared to total engineering enrollment — 10 percent for both universities.

Much of Clemson’s success comes from its nationally recognized Programs for Educational Enrichment and Retention (PEER). Begun in 1987, PEER provides a support infrastructure and sense of community.

“PEER is more like a family — it provides support,” says James Gibert ’01, who came to the University as a Coca-Cola Clemson Scholar. Now 24, he is pursuing a doctoral degree in mechanical engineering and was recently awarded a prestigious graduate fellowship from the National Science Foundation.

**Top profs**

*HUMANITIES PROFES- sors have something to show for their efforts to help Clemson reach a top-20 academic reputation.*

Tom Kuehn, chair of Clemson’s history department, has been awarded a $40,000 grant from the National Endowment for the Humanities to study inheritance practices in Renaissance Florence.

David Nicholas, the Kathryn and Calhoun Lemon Professor of History, has been awarded a Guggenheim Fellowship — one of the most prestigious of all academic honors. It will help fund Nicholas’ research on regional identities in Germanic Europe between 1270 and 1500.

Two other humanities professors, Susanna Ashton and Lee Morrissey, of Clemson’s English department, also received prestigious awards. Ashton received a 2003-2004 Fulbright Scholar grant to lecture and conduct research at the University of Cork in Ireland.

Morrissey, recipient of a National Endowment for the Humanities grant, used his award to finalize his research on a book manuscript entitled *The Constitution of Literature: Literature, Democracy, and Early English Literary Criticism*.

**Good genes**

This academic year, S.C. students won’t have to go out of state for an undergraduate degree in genetics. Clemson has allowed freshmen to enroll in its new undergraduate genetics program — the first ever offered in-state. With the addition of the bachelor’s degree, Clemson becomes one of approximately 10 U.S. universities offering all three degrees (bachelor’s, master’s and doctorate) in genetics.

“We are preparing students for the ‘biological century’ when genetics will lead to important breakthroughs,” says Richard Hilderman, chairman of the genetics, biochemistry and life science studies department.

Leveraging the funds and genetics expertise, Clemson officials have collaborated with Lander University in Greenwood and the Greenwood Genetic Center, a research facility devoted to investigating inherited human diseases.
Leon J. “Bill” Hendrix Jr. ’63, M ’68 of Kiawah Island is the new chairman of the Clemson University Board of Trustees. He succeeds Lawrence Gressette Jr. ’54 of Columbia, who served as board chairman for the past eight years.

Hendrix, the chairman of the board of Remington Arms Co., based in Madison, N.C., was appointed as a Clemson life trustee in 1995. The Hendrix Student Center on campus bears his name.

Clemson is governed by a 13-member board of trustees, six of whom are elected by the state Legislature and seven of whom are self-perpetuating life members as provided by the will of Thomas Green Clemson. The board is responsible for setting policy as well as approving budgets and major expenditures.

Correction
The article in the last Clemson World (summer 2003) about Clemson’s new trustee R.L. “Bob” Peeler ’91 should have said that his daughter Caroline is a 2002 Clemson sociology graduate, and that in addition to his brothers Harvey, a 1970 graduate, and Bill, a 1991 graduate, his sister Susan Peeler Phillips is a 1975 Clemson graduate.

Genomics boom
Clemson’s Genomics Institute is upgrading its operations, thanks to a $1.3 million federal equipment grant from the National Science Foundation. The money increases the institute’s funding total by more than $3.5 million since the spring. Over the past year, it has received more than $7 million in new federal grants and contracts.

The institute is a leading research and training center for discovering and analyzing important genes from plants, animals and microbes. Clemson has an international reputation for building genetic libraries for research.

Earlier detection
Clemson has received new support for research that could lead to earlier detection of osteoarthritis, promising more effective treatment of the degenerative joint disease.

With a grant from the U.S. Department of Health and Human Services’ National Institutes of Health, physicist Huabei Jiang will advance his research into an imaging technique that could allow for quicker diagnosis of the disease that affects millions.

The project should receive approximately $306,000 during the first year of a five-year grant. Based on recommended funding for each of the additional four years, the award could total almost $1.4 million.

Jiang’s research, which began two years ago, uses lasers and fiber optics to create three-dimensional images of finger and knee joints. Unlike X-rays, the technique Clemson is studying holds promise for detecting those early changes seen in cartilage, and with quicker diagnosis, treatment could begin sooner.

‘Voice of the Tigers’
Clemson mourns the death of Jim Phillips, Voice of the Tigers for 36 years. The longtime play-by-play broadcaster for Tiger football, baseball and basketball passed away suddenly in September. Phillips was a member of the Clemson Hall of Fame and devoted friend of the University. During his Clemson career, he covered 2,000 University sporting events.

Tiger fans fittingly laid flowers and other mementos at Howard’s Rock in Phillips’ memory. The University also celebrated his life and tenure at Clemson through a series of events in Memorial Stadium.

ACC traveling scholars
The Atlantic Coast Conference is challenging its students in the classroom as well as on the athletic field. The new Inter-Institutional Academic Collaborative Traveling Scholar Program provides graduate students in the ACC an opportunity to participate in courses and research at any of the conference schools.

ACC universities have a wealth of information and knowledge to share, from specialized courses to unique library collections to unusual laboratories. Now graduate students can experience the best each university has to offer.
New Coastal REC

FOR MORE THAN 60 YEARS THE U.S. DEPARTMENT of Agriculture's Vegetable Laboratory and the University's Coastal Research and Education Center shared a site on the south side of U.S. Highway 17 west of Charleston, growing more cramped with each passing year. A new facility across the road now offers nearly 54,000 square feet of space. The $19.5 million Vegetable Laboratory has 22 state-of-the-art laboratories and 22 offices for USDA and Clemson scientists.

Having a new facility makes possible more collaboration, grants, learning opportunities for students and scientists and, best of all, more positive results for the state and agriculture industry.

The new building is phase one. Phase two will include head house and greenhouse space, totaling 43,000 square feet. Congress appropriated $1.4 million for design work this year.

ETS to the rescue

THE DCIT'S CLE — DIVISION OF COMPUTING AND INFORMATION TECHNOLOGY'S COLLABORATIVE Learning Environment — has gotten a new name and focus. Now called ETS — Educational Technology Services — it provides a more centralized, visible unit to address the growing needs of academic computing in education, research and outreach.

ETS supports the University’s new academic plan by focusing on research in eight emphasis areas, the curriculum and evaluation. It continues to provide technical support for curriculum programs and centers and for development of a Universitywide ePortfolio system.

ETS is also designed to support off-campus students and faculty in distance education technology initiatives and services. For more information, visit the Web at dcit.clemson.edu and click on ETS, call (864) 656-0971 or email ets-L@clemson.edu.

Clemson partners to fight cancer

THE AMERICAN CANCER SOCIETY estimates that this year approximately 4,000 women will die from cervical cancer and 40,000 from breast cancer. Women in South Carolina now have a better chance of beating these odds thanks to a partnership that Clemson Extension is developing.

The partnership, both local and national, includes the S.C. Department of Health and Environmental Control and The American Cancer Society. The National Cancer Institute, Centers for Disease Control and Prevention, and the U.S. Department of Agriculture are also involved.

To learn more about Clemson Extension Community Health, visit the Web at www.clemson.edu/fyd/community_health.

Healthy choice

Clemson, the University of South Carolina and the Medical University of South Carolina have joined forces with the S.C. Research Authority to develop the state's Nutrition Research Consortium.

The mission is to foster innovative research in nutrition and its effect on human health, launch outreach programs to promote good nutrition and disease prevention, and attract large-scale research grants by leveraging resources.

Initial research will focus on three areas: nutrition support, childhood obesity and dietary supplementation. For more information, visit the Web at www.SCNutritionResearch.org.
Dr. Lee, Dr. Lee

Clemson professors Burt Lee from the School of Materials Science and Engineering and Connie Lee from the School of Nursing stop for a photo at Lake Bled in Slovenia. The Lees were in Slovenia last summer for a seminar at Josef Stefan Institute in Ljubljana. Burt provided information about Clemson and materials science and engineering for potential graduate students.

Textile research

Clemson and seven other universities will share nearly $10 million for textile research. U.S. Sen. Ernest F. Hollings announced in June that the Commerce Department has awarded the National Textile Center with $9.7 million in federal funding to continue research on the domestic textile and apparel industry.

Clemson, the primary member of the National Textile Center, will receive approximately $1.2 million for research to improve global competitiveness. The consortium includes Auburn, Georgia Tech, N.C. State, University of Massachusetts-Dartmouth, Philadelphia University, Cornell and the University of California-Davis.

Ongoing work at Clemson includes “smart fibers” of electronic and photo optics for sensors and biosensors, research with spider’s silk to produce extremely strong fibers, and optical communication fibers for Internet connections and computer circuits. Clemson is also working to streamline processes at textile- and fiber-producing plants.

Party of the decade

Clemson’s Robert Howell Brooks Center for the Performing Arts is having a yearlong party. Its 10th anniversary, during the 2003-2004 season, will highlight performances by 25 visiting soloists and ensembles — and more than 600 Clemson students.

This year’s celebration will include performances of Verdi’s passionate opera La Traviata, the national tour of FAME -The Musical and the Moscow Festival Ballet’s spectacular presentation of Cinderella. Other performances will include piano prodigy Lang Lang, the venerable Czech Nonet and Bowfire, a violin extravaganza.

A Kaleidoscope Concert will showcase Clemson students in choral groups, the Clemson Players and several instrumental music ensembles. The evening will also premiere a new work for chorus and orchestra written by music professor Andrew Levin.

“Michael Feldman’s Whad’Ya Know?” will visit the Brooks Center for a two-hour live broadcast on Jan. 24. And on Jan. 31, the 10th Anniversary Gala Reception and Concert will include a black-tie reception at the Madren Center, followed by a concert by the American Big Band. For more information, visit the Web at www.clemson.edu/Brooks.

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Jesse Jackson, founder and president of the Rainbow/PUSH Coalition, visited Clemson in September and spoke on “Reclaiming America’s Promise: Remembering Roots, Embracing Dignity, Rekindling Hope.” Jackson’s appearance at the University was co-sponsored by the Chi Zeta chapter of Omega Psi Phi Fraternity Inc. and the University’s chapter of the NAACP, with assistance from the Gantt Intercultural Center.

National forester

CLEMSON PROFESSOR DAVID H. VAN LEAR HAS BEEN awarded the Society of American Foresters’ Barrington Moore Memorial Award for broadening the understanding of the ecological basis of forestry.

Van Lear, the University’s Robert Adger Bowen professor of forest resources, is recognized as an authority on the silviculture and ecology of Southern pine and Upland hardwood ecosystems.

He and his co-workers have demonstrated the carbon sequestration potential of eroded soils, the importance of American chestnut as a major component of coarse woody debris in Appalachian streams, the role of decomposing root systems in sustaining productivity of forest soils, and the historical relationship between fire and culture in shaping vegetative patterns in the South.

Service-learning goes international

THE NEW INTERNATIONAL CENTER FOR SERVICE-LEARNING IN TEACHER Education at Clemson will bring the practice of community service and the University to worldwide attention. The center, inaugurated in June 2003 and housed in Clemson’s Eugene T. Moore School of Education, will be home to an international network of educators — participants from as far away as Greece and the United Kingdom — and organizations involved in service-learning from pre-kindergarten to college levels.

For more information contact Lorilei Swanson at (864) 656-0460 or email loris@clemson.edu. You can also email icslte-l@clemson.edu.

Keep on learnin’

CULL — CLEMSON University Lifelong Learning — is designed for people looking to have new learning experiences, broaden their horizons and have fun at the same time. This fall it offered courses ranging from digital photography to exploring Jocassee Gorges (pictured above), from writing, history and music to landscaping, antiquing and much more.

The program, in affiliation with the Elderhostel Institute, is sponsored by Clemson’s parks, recreation and tourism management department within the College of Health, Education and Human Development. It’s open to adults of all ages.

Registration for spring courses will begin in January. For more information or to get on the mailing list for the new CULL catalog, call Carilyn Brown at (864) 656-6912, email carlyb@clemson.edu or visit the Web at www.clemson.edu/cull.
‘Some gave all, all gave some’

These striking words are etched at the base of the Veterans Memorial in Lexington, S.C., honoring the men and women who secured the freedom we enjoy today. Clemson — through its nationally recognized Army and Air Force ROTC programs — is educating students who are just as willing to put their lives on the line for America’s freedom. You can play a critical role in helping the University produce outstanding military leaders for the 21st century and preserve Clemson’s rich military heritage by giving to the Clemson Corps Scholarship Endowment.

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.

Experience the warm hospitality and quiet luxury of the James F. Martin Inn. The inn features 27 suites and 62 executive rooms with a lakeside or golf course view. It also offers two deluxe suites — perfect for receptions, social events and other special occasions.
Jeff Burden, director of Clemson’s Graduate Center in Historic Preservation
Jeff Burden sees the future in the past, and he sees South Carolina as the best place in America to bring historic preservation to life.

“What oil is to Texas, historic resources are to South Carolina,” he says.

Burden explains that the roots of the American preservation movement lie in South Carolina with landmark zoning of Charleston’s Old and Historic District in 1931. Indeed, he says, Charleston and the historic environs of South Carolina provide a remarkable living laboratory for preservation unparalleled elsewhere in America.

Based on Clemson’s traditional commitment to the built environment, Burden believes it is only natural to bring to the University a center for teaching and research in historic preservation and the economy it impacts.

Burden, who founded the historic preservation program at the Pratt Institute of Design in New York, joined the Clemson faculty this year to direct the University’s emerging Graduate Center in Historic Preservation. Designed to meet the needs of the growing specialization in preservation, the graduate center will be based in Charleston in collaboration with the University’s Architecture Center, the College of Charleston and the School of the Building Arts.

One of the center’s first initiatives is a proposed master of science in historic preservation degree program being developed with the College of Charleston for students who will work with historic buildings, landscapes and resources. Interdisciplinary study tying together all of the University’s academic colleges will provide an integrated approach for architects, landscape architects, planners, historians, archaeologists, conservators, curators, managers and other professionals to understand, sustain and transform the existing environment.

Course work will emphasize studios, labs and field seminars incorporating Charleston’s rich community of preservation specialists as well distinguished visiting faculty from organizations such as the Metropolitan Museum, the American Academy in Rome, the World Monuments Fund and other international research institutions.

Professional internships, a significant component of the program, will be available through a variety of Charleston preservation initiatives, the national network of preservation specialists, the Historic American Building Survey and the National Trust for Historic Preservation.

“With this Graduate Center in Historic Preservation, Clemson is strategically placed to become a leader in research and development of the restoration economy — and to bring more of those resources to South Carolina,” Burden says.

Nationally, the restoration economy is estimated at more than $1 trillion a year, with more than 94 cents of every construction dollar dedicated to working with existing infrastructure, says Burden. This economy will grow dramatically as the paradigm of building and design continues to shift across America from a philosophy of tearing down and building new, to one of working with the past.

In South Carolina, where historic properties and heritage corridors provide the foundation of the tourist industry — which the S.C. Department of Parks, Recreation and Tourism estimates will bring in $15 billion in 2003 — state-of-the-art preservation is a road map for the future.

Educated as an architect and archaeologist, Burden is the only architect to have been a Fellow of both the American School of Classical Studies and the American Academy in Rome. His focus as a practicing architect is on the restoration and integration of contemporary design in historic buildings. He continues to consult with France’s Center for Antique Architecture through the Villa Medici in Rome.

Burden’s work has taken him from the Pyramids of Giza, to the Acropolis and Agora of Athens, to Renaissance Italy and now to the rich historic resources of South Carolina.

“It’s a big world,” observes Burden, “but in most instances, it’s not new. When something survives, it’s because the people who made it cared. The role of this new center is to care for our historic environment and to do it well.”
Faced with breast cancer, a woman's first job is survival. Later, when she's safe, come the other decisions. That's where Clemson alumna — and, now, Clemson professor — Karen Burg's award-winning work holds significant promise. She's developing an injectable tissue implant that could one day provide patients a viable reconstructive surgical solution for damage left by lumpectomies and other invasive procedures.

The putty-like implant, grown from the donor's own healthy cells, is expected to reduce scarring, help restore the breast's natural shape and promote quicker surgical recoveries.

“It's thrilling to be a part of a project that could have such a profound impact on women's lives,” says Burg, a bioengineering researcher who just celebrated her 35th birthday.

Cells are grown on a scaffolding of tiny beads, then mixed with a gel and injected into the human body. The gel and beads are eventually absorbed, leaving only the cells. Unlike traditional implants, her gel-based implant, theoretically, will grow to fill the entire damaged area.

If the testing goes well, the injectable transplant technology could be ready for use in humans within 10 to 15 years. Burg's work could provide the first permanent biologically based reconstructive solution for breast-cancer survivors. The need is immense: An estimated 74,000-plus American women undergo breast reconstructions each year to repair damage from invasive procedures such as lumpectomies and mastectomies.

Burg's research also has potential in bone reconstruction and spinal disc repair. Treatment of patients with tissue and organ failure, which includes bone, accounts for approximately 50 percent of a total health care cost of $400 billion in the United States.

“This research is important — but I'm also happy that I'm able to work at Clemson,” says the double-degree alumna, whose office is ablaze with orange. Fluorescent-orange plaster arms, periodically dusted off and used to demonstrate tissue implants for Girl Scouts, give jaunty salutes on one side of her Rhodes Hall office; her Tiger Paw lab coat hangs in state behind her office door.

Colleagues admire her dedication, down-to-earth nature and brilliant mind that sees cooperation as a way to solve problems. The Girl Scouts, however, like her because she's hysterically funny and gives very gross, very memorable descriptions of bioengineering techniques.

“She's what I'd like to be when I grow up,” says one scout, so enraptured by the experience that she's already planning on a bioengineering career complete with "BIOGRL" license tag.

Burg received her B.S. in chemical engineering from N.C. State. She earned her M.S., 1992, and Ph.D., 1996, in bioengineering at Clemson. She completed postdoctoral work in tissue engineering at Carolinas Medical Center in Charlotte, N.C.

Burg was recruited to Clemson four years ago to help develop Clemson's tissue engineering program. The program has doubled in size within the past two years, bolstered in part by a $6 million federal grant that is prompting unheard of levels of cooperation between Clemson and fellow research university the Medical University of South Carolina.

Burg's research has drawn wide attention from the scientific community.

In September, Technology Review, MIT's Magazine of Innovation named Burg to its 2003 list of the world's 100 Top Young Innovators — young scientists whose innovative work in technology has a profound impact on today's world. Recipients hail from biotechnology, computing, energy, medicine, manufacturing, nanotechnology, telecommunications and transportation.

Other national honors for Burg include the National Science Foundation's Faculty Early Career Award, the Presidential Early Career Award for Scientists and Engineers and, most recently, an invitation to participate in the National Academy of Engineering's elite Frontiers of Engineering Symposium. On the home front, she received the 2001 Clemson University Board of Trustees Award for Faculty Excellence and the 2003 Woman Faculty of the Year Award.

Her laboratory is currently funded by the Swiss-based bioengineering research group AO Foundation, the National Institutes of Health, the National Science Foundation and the Department of Defense.

“Dr. Burg’s work exemplifies the spirit of innovation,” says Martine LaBerge, the bioengineering department's interim chair and editor of the national publication Biomaterials Forum. “She's an exceptional role model and a dedicated researcher.”

And best of all, she's at Clemson.
Tissue engineer Karen Burg is among the world’s 100 Top Young Innovators named by MIT’s Technology Review.
Veterinarian Scott Cornwell’s career has expanded beyond his home in Fort Myers, Fla. Continents beyond. The 1970 Clemson biology alumnus is the senior staff veterinarian for the U.S. Central Command. An Army colonel, Cornwell influences military preventive medicine policy in the Central Asian States, the Arabian Peninsula and the Horn of Africa.
Scott Cornwell's responsibilities go far beyond the realm of the traditional veterinarian. With Central Command, based in Tampa, his primary work involves “force health protection” — in other words, preventive medicine for troops.

Cornwell's major involvement is with food safety and sanitation, especially with the food flowing in for the troops. Food safety concerns include naturally occurring threats such as heat stress, extreme environment and elapsing of time, as well as the possibility of tampering.

He's also concerned with other preventive medicine issues such as anthrax and smallpox vaccinations.

As Central Command's senior veterinarian, Cornwell provides policy guidance to the approximately 50 veterinarians in the theater. In addition to food safety, sanitation and care of military working dogs, they also help with humanitarian assistance in countries such as Iraq and Afghanistan.


His longest and most memorable stay has been in postwar Bosnia and Herzegovina, where he spent from July 1999 to March 2000 as a member of a civil affairs task force. As an Army Reserve civil affairs officer, his mission was to help Bosnians improve the health of their livestock and to re-establish the veterinary infrastructure.

Cornwell served as a liaison between the U.S. military and the Bosnian people. He and his unit worked to make areas that were devastated by war more livable and agriculturally self-sufficient. Much of the livestock had been killed, and disease had become a major problem for those remaining.

He was able to establish invaluable contacts between the University of Sarajevo and the animal health experts in several American universities. He was also able to reconnect Bosnian animal disease surveillance authorities with the World Health Organization.

"During my tour in Bosnia I experienced a country overcoming the effects of a very destructive war and attempting to rebuild under the cloud of a fragile peace," says Cornwell. "I developed friendships with people who had endured deep personal tragedy, yet continued to see hope in the future. Despite cultural differences, I realized these people had many of the same hopes and aspirations that I did."

The Bosnia experience also shaped the direction of Cornwell's career, making it difficult, if not impossible, to return strictly to private practice. When his time was up, he came home knowing he'd made a difference but wishing he could do more. It is this sense of caring and compassion that has guided his military service and veterinary career.

Cornwell's service to the U.S. Army has ranged from active duty to reserve for more than 30 years. Over that span, he's earned a stack of U.S. decorations including the Joint Service Commendation Medal, Army Reserve Components Achievement Medal, National Defense Service Medal, Armed Forces Expeditionary Medal and many others.

Even though Cornwell was raised in Florida, he never had any doubts about where he would attend college. His father, M.M. “Pint” Cornwell Jr. ’50, uncle Nat S. Cornwell ’50 and grandfather M.M. Cornwell Sr. ’19, also known as “Pint,” all graduated from Clemson as well as a number of cousins. As a matter of fact, Scott and his twin sister were born while his father was a student at Clemson. “If Clemson had a veterinary school,” he says, “I'd have gone there too.”

Fortunately for the University of Florida, Cornwell stayed in Florida for his doctor of veterinary medicine degree. The university's College of Veterinary Medicine honored him in 2000 with its Alumni Achievement Award for his work in Bosnia.

As for now, Cornwell's energies remain focused at Central Command and on our troops. After his military service ends next fall, he plans to continue in preventive medicine. He also plans to remain involved in animal and human health infrastructure work in developing countries.

"Once you've seen that you can make a difference, albeit a small one, in a country that desperately needs it," says Cornwell, "you're forever changed."

Old friends

In Cornwell's civilian practice, one of his major clients was the Herrmann Lipizzan Stallion Troupe, based near Sarasota, Fla. He provided veterinary care for them for more than 10 years. Since he's been on active duty, another veterinarian has taken on their care, but Cornwell continues to keep in close touch.

Coincidentally, because the Lipizzan originated from Trieste, Italy, close to the northern border of the former Yugoslavia, some of the wealthier Bosnians had Lipizzans prior to the conflict. Many of these fine horses were lost during the war, but Cornwell was able to locate one farm while he was in the country. He says that, as with many structures, the farm buildings were in poor condition but the horses seemed to be healthy.
The late U.S. Sen. Strom Thurmond left behind an amazing legacy—one that began long before many who benefit from his unparalleled career were even born and one that will continue long after many of us are gone. An essential part of that legacy is centered at Clemson.

The Strom Thurmond Institute of Government and Public Affairs, established at the University in 1981, is not only a repository for invaluable papers and memorabilia from the senator’s 65-year career of public service. It also embodies his spirit of public service.


It also is home to seminars that show public school teachers how to make government come alive in the classroom, a research program that has addressed regional and national needs, and a publication series that has gained a national reputation.

As a matter of fact, institute director Robert Becker says that the Web site research papers and columns from faculty are downloaded more than a million times a year.

The institute consists of the Jim Self Center on the Future, the S.C. Water Resources Center, self-directed research teams and a graduate program in policy studies. The teams are made up of staff, research associates, fellows and faculty from across the campus, as well as students and partners from across the state.

Jim Self Center on the Future

This integral part of the Thurmond Institute does just as its name implies—it looks to the future through the following programs:

S.C. Today & Tomorrow is a trends analysis project that focuses on critical issues facing South Carolina. Policy-makers, community advocates, interested citizens and academic groups work together to examine alternative solutions to problems and to present programs to raise the awareness of issues and potential solutions.

The Self Civic Fellows is a non-ideological program to train aspiring state and local political candidates for successful campaigns. In addition to campaign management such as fund raising, messaging and advertising, participants also study ethical decision-making. Experienced politicians and political consultants, along with University faculty and staff, instruct the classes.

The Strom Thurmond Boys & Girls Club Leadership Institute combines the very best of time-tested leadership principles with state-of-the-art technology to improve leaders of the nation’s top youth services provider and to encourage collaboration among Boys & Girls Club leaders.
S.C. Water Resources Center

The S.C. Water Resources Center is one of 54 institutes established by the U.S. Congress through the Water Resources Research Act of 1964. It receives an annual federal matching grant administered by the U.S. Geological Survey. In South Carolina, the research emphasis is on the study of reservoirs and the watersheds in which these reservoirs are contained.

Our reservoirs and the rivers and streams that feed them are under increasing pressure to provide everything from hydroelectric power generation, nuclear plant cooling, drinking water, sewage disposal and non-point source pollution disposal to water-based recreation and tourism activities.

The Water Resources advisory board, representing the public and private sector, helps guide the center’s research emphasis and find additional funding avenues. It has developed partnerships with governmental agencies, private business and foundations to further natural resource policy studies.

Recent projects include projections of coastal urban growth patterns, assessment of fire risk from remotely sensed data, the impact of animal agriculture on water quality and land use changes in the selected study areas.

Self-Directed Teams

The **Community and Economic Development** program supports grassroots efforts to improve government services, enhance participation in civic affairs, expand economic opportunities, facilitate adjustment to social change and provide a safer, healthier and more pleasant environment. (For research, events and other information, visit the Web at [www.strom.clemson.edu/teams/ced](http://www.strom.clemson.edu/teams/ced).)

The **Decision and Communications Technology** group outlines the connection between advanced information-systems technology and government and public affairs. The technologies include geographic information systems, global positioning systems, remote sensing, sub-pixel analysis and various information distribution systems. Team members are skilled in natural resources, social sciences and information systems. Projects have addressed land cover and climate data in the Southeast, species-level mapping in the state’s wetlands and pine stands, and conservation gap analysis mapping in Costa Rica. ([www.strom.clemson.edu/teams/dctech](http://www.strom.clemson.edu/teams/dctech))

The **Literacy and Community Service Networks** group promotes programs that give youth a chance to communicate verbally, in writing and electronically with members of their communities. It works with partners to develop ways of using technology to support networking and research projects. The networks group has partnered with Middlebury College in Vermont on the nationally acclaimed Breadloaf Rural Teachers Program. ([www.strom.clemson.edu/teams/literacy](http://www.strom.clemson.edu/teams/literacy))

The **Programs and Public Affairs** aspect of the Thurmond Institute involves many areas of domestic and foreign policy. The Public Events and Calhoun Lecture Series bring diverse speakers and programs to campus by co-sponsoring events with other University departments. In addition to involving Self Fellows, many events include student panels to lead question-and-answer sessions. ([www.strom.clemson.edu/teams/ppa](http://www.strom.clemson.edu/teams/ppa))

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I hope that the Institute will not be looked upon as a monument to me, but as a commitment to education, to our youth, to our people, and to the future of our great State and Nation...[and that it] will play an important role in Clemson’s continued quest for excellence into the 21st Century.

—J. Strom Thurmond ’23

by Teresa Hopkins
Regional Development includes researchers with backgrounds in rural sociology, natural resource economics and community development. Studies have been conducted on community downtown development, international nature-based tourism, intergenerational community programs and management of in-migrant retiree issues.

(www.strom.clemson.edu/teams/regdev)

Retirement and Intergenerational Studies concerns the rapidly growing population of retirees in South Carolina, both from “aging in place” residents and an influx of elders drawn to the state. The program is also concerned with the prevalence of youth living with abuse, poverty and other at-risk circumstances. It focuses research on the social, cultural, economic and political impact of retirees across the state and nation, as well as their potential to help America’s youth. (www.strom.clemson.edu/teams/rid)

Graduate Program in Policy Studies

Clemson’s Policy Studies Ph.D. program builds on Clemson’s strengths in policy analysis as well as scientific and technical fields. The interdisciplinary program has four concentration areas: environmental and natural resource policy, agricultural policy, rural and economic development policy, and science and technology policy.

Graduates can expect to find work in state and national government entities, think tanks, consulting firms, international lending institutions and academia. (www.strom.clemson.edu/policystudies)

Dollars and sense

The Strom Thurmond Institute’s entrepreneurial approach of self-directed teams and focused centers has had a strong return on investment for both the University and the state.

“While over 80 percent of all the institute’s annual activities directly involve South Carolina, it spends between five and six non-state dollars for every state dollar it receives,” says director Becker. “In addition, a fund established by Sen. Thurmond, the Thurmond Innovation Fund, provides seed venture-capital support for ideas developed by the faculty and staff of the Thurmond Institute.”

Special Collections

The Institute houses the Thurmond Collection and serves as the repository for the University’s Special Collections, valuable records for academic and historical research.

The Thurmond Collection is a rich treasure in the broad span of time it represents and the comprehensive view it offers of events, people and movements in 20th century American political life.

Special Collections, a part of the Clemson Libraries unit, is a place where documents created by individuals and organizations are preserved and made available for use. In addition to correspondence, diaries, ledgers, rare books and other publications, Special Collections also contains photographs, films, videotapes, audio recordings and items in electronic format. For more information, go the Web at www.lib.clemson.edu/SpCol/schp.html or call (864) 656-3061.

From S. C. to D. C.

Strom Thurmond had a long life of public education that began in Edgefield County public schools and included his formative years at Clemson College.

At Clemson, he embraced life in what became his trademark energy. In addition to R.O.T.C., he served as president of the Calhoun Literary Society and the Edgefield-McCormick County Club. He was a member of the Agricultural Society and the Block “C” Club. He ran varsity track and played company baseball, basketball and football.

After his 1923 graduation from Clemson, he continued in public education by becoming a teacher and coach. His first commitment to public service was as superintendent of education for Edgefield County. He also took correspondence courses in law and studied with his father. He was admitted to the S.C. Bar in 1930 and served as the Edgefield city and county attorney from 1930 to 1938.

Thurmond was elected to the S.C. Senate in 1933, where he drafted the first legislation to provide state assistance to the aged, the blind and disadvantaged children. He advocated new laws for rural electrification, improvement of the state educational system, soil conservation and farm worker safety.

In 1941, when the United States entered World War II, Thurmond served with the U.S. Army and participated in the Normandy invasion on assignment with the 82nd Airborne Division. He amassed military honors for his service.

His next civilian step was to the South Carolina Governor’s Office, where he served one term, from 1947 to 1951. His tenure saw the passage of legislation to reorganize the state government, establish a state pardon and parole system, remove the poll tax, grant incentives to new industries, assist education and enforce laws concerning dual-office holding.

Thurmond appointed more women to public office than in any equivalent period in the state’s history, including the first woman appointed to the State Industrial Commission. In addition, he appointed the first African American to the State Board of Health.

In 1948, he was the presidential candidate of the States’ Rights Democratic Party. He ran unsuccessfully against Olin D. Johnston for the U.S. Senate in 1950 but was elected on his next try in 1954.

In 1964, Thurmond switched from the Democratic to the Republican Party. He served in the U.S. Senate for more than 47 years, retiring only shortly before his death in June 2003.

His life of service to South Carolina will be remembered not only by the many buildings and programs named for him, but also in the goals he strove to achieve for the state and its future.

Through his legacy, including the Strom Thurmond Institute, his positive influence will reach far into the future of the University, he state and well beyond.
In the early part of the 20th century, the cadets of Clemson College, not intimidated by their strict military regime, bestowed nicknames on their professors. Some were “Wee Willie” Klugh, “Misery” Holmes, “Monk” Godfrey and “Jughead” Harris. One of the more memorable nicknames belonged to “Lord” Collings, an immaculate dresser and confident professor. One story has it that while he was walking across campus one day, a young man remarked, “There goes Professor Collings. He looks just like an English Lord!” The nickname stuck.

Gilbeart H. “Lord” Collings came to Clemson in 1917 to teach in the Agricultural School. He was passionately interested in all education, sending his own three children through college for graduate degrees on a teacher’s salary. (Both sons earned Clemson undergraduate degrees, Gilbeart Jr. in 1937 and Thomas in 1950, while his daughter, Hazel, took summer classes at Clemson.)

In particular, the professor wanted his “Ag” boys to understand both traditional farming methods and newer practices. He was an autocrat in the classroom and not above intimidation: “The Lord has got you,” was his introductory greeting to new classes. He required each student to obtain his own copy of the textbook rather than share with several others as was the custom although he did allow an exception for brothers and expressed admiration for a couple of enterprising young men who claimed “double-first cousinship.”

He first became interested in agricultural research while at Virginia Polytechnical Institute and then pursued his master’s degree at the University of Illinois. There he met and married Hazel W. Cover. He obtained his Ph.D. from Rutgers in 1925.

One of the foremost experts in the field of agronomy, Collings was the author of numerous articles and several textbooks published in English and Spanish and used worldwide. During his 43-year tenure at Clemson, he taught thousands of students and supervised many agronomic research projects all over the state. He also contributed to many professional and service organizations, including as a life member and president of the Pendleton Farmer’s Society, president of the South Carolina Academy of Science and a Fellow of the American Society for Advancement of Science. He was also a deacon of the Clemson First Baptist Church.

The professor had a keen sense of the ridiculous and often gave a wry twist to his lectures. When lamenting the prevalent soil erosion, he is quoted as commenting, “I go down Sunday afternoons and watch the South Carolina farms flow by in the muddy Seneca River.” He invited his students to aid in his fanciful research to attempt to pop corn while it was still on the cob. The members of one class, before an important quiz, decided to try bribery. When the professor walked into the classroom, he found his desk covered with fruits and candy. “Aha,” he said, and walked to the blackboard to inscribe, “The Lord loveth a cheerful giver.” He then proceeded to hand out the exam.

Collings became known as “the Lord” all over South Carolina and beyond. But his nickname once caused an embarrassing moment for his wife. While attending the annual president’s reception for new faculty and staff, Mrs. Collings asked a young man, “And what department are you in?”

“I serve the Lord,” he replied with a smile.

“How nice,” she said. “He didn’t tell me that he had a new assistant.” It turned out, however, that the astonished gentleman was the new Methodist preacher.

Collings died in 1964 and was buried on Cemetery Hill to the west of the Calhoun family section. He always said that he would have the best position in the cemetery to watch all the football games in Memorial Stadium. With his long service to Clemson, he surely earned prime seats.

Hazel Collings Poe, the author and daughter of “Lord,” took summer classes at Clemson, earned an undergraduate degree at Georgia and received a JD at Duke. She married a Clemson professor, the late Herbert V. Poe.
Why “Top 20”?  

by Cathy Sams

In 2001, the University adopted a vision to become one of the nation’s top-20 public universities. That vision, along with a comprehensive set of goals and a focused academic plan, is driving Clemson to improve quality on every front — academics, research, public service and student life.

Although generally embraced by the Clemson family, the vision also has raised important questions. Is this just another bragging right? If Clemson’s quest succeeds, who benefits?

You do. If you are a student, alumnus or taxpayer; if you live and work in South Carolina, Clemson’s progress will have a direct impact on you.

Research shows that people who live in states with top-tier universities earn more money, are better educated and have a higher quality of life than people who don’t. Top-20 universities have outstanding teachers and students, prolific researchers and more resources. Students at top-tier universities are more likely to graduate on time, be admitted to the most highly regarded graduate schools and earn higher starting salaries.

Not enough? Then consider this: States with top-tier universities outperform South Carolina on virtually every economic performance indicator — employment growth, wage average, wage growth, gross state product, venture capital investment, new business establishment, business growth, patents and initial public offerings — according to a report by the Harvard Business School’s Institute for Strategy and Competitiveness.

Coincidence? Not according to Harvard professor and institute director Michael Porter. His groundbreaking work on “economic clusters” identifies strong research universities as a critical component in the development of geographic concentrations of similar industries, service providers and associated agencies — geographic concentrations that can transform a state’s economy. Think “Silicon Valley.”

Does anyone except Clemson care about having a top-20 university? Apparently so. In an opinion poll conducted by Clemson sociologist James Witte, nationally known for survey expertise, nine out of 10 South Carolinians said it was important for South Carolina to have a top-tier university. They think it will improve the economy, keep the brightest students in state and enhance the state’s reputation. Further, the majority thought Clemson was the institution most likely to achieve that status.
Students at top-ranked universities receive a better education.

Top-20 universities are known for the quality of their undergraduate experience. A student at a top-20 university is less likely to drop out, more likely to graduate on time, and will generally be more actively engaged in academic activities such as service-learning, study abroad and undergraduate research. (Sources: The Center, “The Top American Research Universities,” August 2002; “America’s Best Colleges 2003,” U.S. News & World Report, September 2003)

Many of the criteria used to rank universities are variables that directly impact the quality of the undergraduate experience — such as class size, student-to-faculty ratio and the quality of the faculty. Research confirms that these factors make a difference.

At least four published studies conducted between 1992 and 2002 clearly establish the link between class size and student achievement. The studies show that classes with fewer than 20 students:

- make modest increases in academic achievement,
- benefit students from economically disadvantaged homes,
- improve teacher morale,
- reduce dropout rates, and
- engage students in learning.

Top-ranked universities have more resources.

Top-ranked universities are more successful at generating research funding and developing intellectual properties that can be patented or licensed. Top-ranked universities also are more successful at generating private gifts and building their endowment. That makes them less susceptible to state revenue shortfalls and helps keep tuition stable.

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Sources — Patent, startups and research figures from the Association of University Technology Managers 2002 survey (FY01 figures). Research per faculty based on dividing research expenditures by the number of full-time faculty listed on each school’s Web site. Endowment figures and rankings are from “The Center” (based on FY01 figures).

Top-ranked universities drive economic development.

Top-ranked universities spin off new companies, attract high-tech industries and create better paying jobs for citizens of their state.

According to the Association of University Technology Managers, top-ranked universities are more likely to spin off new companies from their research. At least 494 new companies based on an academic discovery were formed in FY01 — 84 percent in the university’s home state.
Ranked universities are more likely to attract high-technology, knowledge-based industry to a state. According to a report from the Milken Institute, of the top 30 high-tech metropolitan areas in the United States, 29 were home to or within close proximity of a major research university. All of the top 10 cities are home to or near a top-ranked university.

As a rule, knowledge-based jobs pay more and are less susceptible to recession than other industry sectors. According to the latest U.S. Department of Commerce statistics, employee pay in high-tech industries is 67 percent higher than in other industries. Throughout the 1990s, growth in the high-technology sector averaged four times that of the overall economy. (Source: Milken Institute)

According to the U.S. Department of Commerce, states with a top-20 university have a greater proportion of their labor force in the high-tech sector (54.9 percent vs. 51 percent in 2000). States with more than one top-ranked university have a far greater proportion of their labor force in the high-tech sector (65.5 percent). By contrast, only 27 percent of South Carolina's labor force was employed in the high-tech sector in that year.

Citizens in states with top-tier universities have a better quality of life.

Per capita personal income is higher in states with ranked universities than it is in states without ranked universities. According to the U.S. Commerce Department's Bureau of Economic Analyses, none of the "bottom 10" (i.e., states with lowest per capita personal income, which is where South Carolina ranks) are home to top-tier universities. Nine of the "top 10" claim at least one ranked university. Per capita personal income was higher in the 14 metropolitan areas with top-20 universities ($34,917) than in the United States as a whole ($29,760) or in the Greenville-Spartanburg area ($24,403) in 2000.

But income isn’t the only indicator of quality of life. Compared to the United States as a whole, states with a top-20 university:

- have slower rates of population growth (7.3 percent from 1990-1999 vs. 9.8 percent). States with more than one top university grew even more slowly (5.3 percent).
- have a more educated population. Residents of the 14 metropolitan areas with top-20 universities are more educated (29.5 percent were college grads in 2000) than residents of the United States as a whole (24.4 percent) or of the Greenville-Spartanburg area (20.7 percent).
- have lower rates of teen pregnancy (10.4 percent vs. 11.8 percent) and out-of-wedlock births (32.4 percent vs. 33.2 percent in 2000). In South Carolina those rates are 15.3 percent and 39.8 percent, respectively.
- have lower crime rates (3.8 percent vs. 4.1 percent in 2000). States with more than one top university have even lower crime rates (3.5 percent) despite being more urban. South Carolina’s crime rate in the year 2000 was 5.2 percent. (Source: Walker School of Economics, Clemson University)
CASE STUDIES: Harnessing brainpower to create jobs

Many states have taken progressive measures to harness the power of their research universities to drive economic development.

North Carolina's Research Triangle Park, created in 1959, was one of the earliest attempts to build a knowledge-based economy on the strength of nearby research universities Duke and UNC-Chapel Hill. Today, it's home to more than 100 R&D facilities employing more than 37,000 people with a combined income of $1.2 billion. (Source: www.rtp.org)

The Georgia Research Alliance was founded in 1990 as a partnership of research universities, industry and state government to foster economic development by leveraging the universities' research capabilities. Through FY98, the state had invested $200 million, which attracted $50 million in private support and $500 million in sponsored research. (Source: 1999 report by the Milken Institute)

According to Georgia Tech's 2001 annual report, the school's economic development activity has generated more than $691 million in revenue, provided over 4,600 jobs through its incubator facility, attracted more than $41.8 million in capital investment to Georgia, and created or saved 662 jobs in the state. Over the past 20 years, Georgia Tech has spun off 79 successful start-up companies. (Source: www.gatech.edu)

The University of Illinois-Urbana opened a new research park in January 2001, which is already home to nine companies and research centers employing 475 people. A year later, the park was full and broke ground for a fifth facility, built through a public-private partnership that allows private development on university property. A 40K-square-foot incubator opened in January 2003. (Source: www.illinois.edu)

By contrast, more than 20 years after opening, the Clemson Research Park houses four private companies employing 121 people, according to the South Carolina Research Authority.

Can Clemson make the leap?

Declining state resources have made Clemson's drive for excellence more challenging. But there are promising signs:

• The S.C. General Assembly adopted the Research Centers of Excellence initiative, which sets aside lottery funding for endowed chairs (an act that provided Clemson with $15 million for faculty in automotive engineering). A bill offering research universities regulatory relief and funding for research infrastructure passed in the House and will be considered by the Senate in 2004.

• Clemson is attracting and retaining top faculty, many who recently received such prestigious honors as National Science Foundation Career Awards, Guggenheim and Fulbright Fellowships, and recognition from the National Endowment for the Humanities.

• Progress is under way on emphasis areas defined in the University's academic plan, such as the development of a Clemson automotive research park in Greenville and construction of an advanced materials research cluster at the Clemson Research Park.

• Clemson continues to attract an increasingly talented student body. A third of the state's Palmetto Fellows enrolled at Clemson, and this year's freshman class has an average SAT score above 1200. Last year, three Clemson students won Goldwater Scholarships. With three winners, Clemson beat Stanford, Vanderbilt, Cal Tech and UC-Berkeley and tied Yale and MIT. In fact, if Clemson were rated solely on student quality, it would already be a top-20 university.

Clemson's vision for becoming a top-20 public university is not so much about a magazine rating. It's about jobs, higher wages, access to top graduate programs, increased personal wealth of the state's citizens and greater public service.

In other words, it's about a better quality of life for all South Carolinians.

How does U.S. News & World Report rank a university?

To rank colleges and universities, U.S. News & World Report first assigns schools to a group of their peers, based on categories developed by the Carnegie Foundation for the Advancement of Teaching.

Clemson is ranked with 248 other universities in the “National University — Doctoral” category, which requires schools to offer a wide range of undergraduate majors as well as master's and doctoral degrees. All of the country's large research universities, including MIT, Stanford and Duke, are ranked within this same category.

Next, data is gathered from each of the colleges on indicators of academic excellence including a school's ability to retain and graduate its students, the resources available to its faculty, the quality of its students, the average spending per student and the percent of alumni who give back to their school.

To account for intangibles, such as faculty dedication to teaching, schools are also judged by university presidents, provosts and admissions directors from across the country who take part in a survey to rank each school.

Finally, schools in each category are ranked against their peers, based on their composite score.
‘Club Fike’

by Sandra Parker
Photos by Patrick Wright
It has the look and feel of a stylish health club — state-of-the-art exercise equipment; large, airy spaces; skylights that offer muted sunshine; plants in every corner; cheerful staffers greeting members. But this is not a high-priced private club. It's Fike Recreation Center right here on the Clemson campus. The renovated center is now comparable to the facilities of Clemson's peer institutions. And Clemson students, along with the community, are the beneficiaries.

With a $21 million investment, the long overdue renovation of Clemson University's Fike Recreation Center is complete. The center added 33,000 square feet and now has a total of 200,000 square feet. Thanks to the $1.1 million donation of Clemson Trustee Joseph D. Swann and his family, Fike features the Swann Fitness Center, which focuses on programs and services that promote health and fitness.

The past decade has seen a surge in building for recreation centers, according to the National Intramural-Recreational Sports Association. The centers are often a drawing card for student recruitment since the quality of student life is a serious consideration in where students choose to study. The Clemson campus has been no exception to that trend.

Fike, named for physician and alumnus Rupert Fike ’08, was built in the early 1930s as a field house and physical education building. A wing was added to the original building in the 1940s, and another expansion was made in the mid-1970s.

In 1996, Clemson student government leaders began discussing the need for updated recreational facilities. A 1999 student body survey showed that students were willing to support a 2 percent tuition increase over two years to help fund a renovation. Architects began design in spring 2000, and work began in fall 2001. (The Fike Center renovation has not been a factor in the recent tuition increases brought on by decreased state funding.)

Fike reopened its doors this August. New workout and strength-conditioning equipment has enhanced the effectiveness of the existing programs offered by the University’s Department of Campus Recreation. ADA-compliant equipment was added to increase access to members who have disabilities.

As a part of the renovation, Fike's two existing gymnasiaums received new lighting, refurbished hardwood floors, court curtains and air conditioning. A new gymnasium was built, which added two more basketball courts, bringing the total to six. A popular addition to the new gym is the track suspended above it. Casual walkers and serious runners alike appreciate the three cushioned-surface lanes, lap clock, stretching areas and directional arrows.

Two multipurpose rooms and the aerobics studio were refurbished for fitness classes and other recreational activities. The multipurpose rooms received new mats, partially mirrored walls and storage closets. The aerobics studio now has a soft-impact hardwood floor, mirrored walls and a new sound system. Fike’s racquetball courts also were refurbished, and two of the 10 were retrofitted for squash games.

One of the most exciting additions to the recreation center is the climbing wall. It measures 35 ft. high x 60 ft. wide, making it one of the widest at a campus rec center. It’s structured to allow lead climbing as well as top rope/bouldering. Instruction is provided for newcomers to the sport, and equipment is available for rent.

Since its addition to the campus in the 1970s, McHugh Natatorium has been a well-used part of Clemson’s recreation facilities. The recent renovations are beneficial to students who swim for fun as well as those who have more formal uses — the Tiger swimming teams, recreation classes and fitness program participants. The natatorium upgrades include new deck tile and nonglare windows that offer more natural light to spectators in the stadium seats as well as those who are swimming in the eight-lane lap pool and 13.5-foot diving pool. A new dehumidification system was also installed.

Other features include:
• reception area at the main entrance on Heisman Street,
• fruit juice and smoothie bar,
• sauna, locker area, shower facilities and a family changing room,
• uniform and towel service,
• rental equipment for outdoor recreation, basketball, volleyball and softball.

In addition to physical changes at Fike, Campus Recreation offers traditional fitness classes, yoga, water aerobics, a walking program and tennis. For an additional fee, students and members may hire a personal trainer to develop a tailored fitness routine.

The University also has a wide variety of club sports, an extensive intramural sports program, and many outdoor education and recreation opportunities.

For more information on Campus Recreation, call (864) 656-6559 or go to the Web at stuaff.clemson.edu/campusrec.
YOUR GIFT MAKES A DIFFERENCE.

Among ACC schools, Clemson now ranks 5th in alumni giving ahead of UNC. Alumni giving is an important factor in U.S. News & World Report’s ranking of colleges and universities.

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

With a little more effort, we can move to No. 4 and beat Virginia. We’re counting on you to help the Clemson team rise. Use the enclosed envelope, call (864) 656-5896 or make a secure online gift at www.clemson.edu/isupportcu.

For a chance to win tickets to the Clemson vs. UNC basketball game, see the gift envelope enclosed in this magazine.

IT’S TIME TO MAKE OUR MOVE TO NO. 4!

*Duke 46% Wake Forest 33% Georgia Tech 25% Virginia 27% Clemson 26% UNC 25% Maryland 17% NC State 15% Florida State 13%*

*As published by the U.S. News & World Report, August 2003, for the year ending June 30, 2002.
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Ready to roll

Meet the new Clemson Young Alumni president John M. DeWorken of Columbia, research director for the S.C. Senate. He holds three Clemson degrees, a bachelor’s in psychology (1996) and a bachelor’s and master’s in English (1997, 2001). Here are his top goals in his own words.

Our No. 1 goal this year is to increase alumni giving to the Clemson Fund — that number directly impacts our yearly rank in U.S. News & World Report. With online giving available, we hope that many of our alumni will go to their computers and give at least $10 at www.clemson.edu/isupportcu.

We’re also determined to reach more young alumni with new opportunities. At the same time, we’ll continue successful social events, educational seminars and our speakers bureau.

If you’re interested in being a part of Young Alumni, please email me at deworken@alumni.clemson.edu or call me at (864) 905-5529.

Excellence in RAs

Parts of Johnstone Hall were widely scattered earlier this year — not from an explosion but from a flurry of requests for souvenirs collected before Sections D, E and F were demolished. A program jointly operated by University Housing and the Alumni Association made door number plates and rifle rests available to Clemson alumni and friends.

Project proceeds of $9,400 were directed to the James Bostic Resident Assistant Leadership Endowment. Longtime Clemson leader and supporter Jim Bostic, executive vice president of Georgia Pacific in Atlanta, Ga. — a former Clemson resident assistant himself — created the endowment several years ago to promote the excellence of University Housing’s student staff.

MD & VA Tiger tags

Alumna Rachael Wiker ’00 is No. 1 in Maryland when it comes to Clemson tags; she, along with Chris Seamands ’95, coordinated the Maryland project for Paws Across Maryland. Chris is also working alongside regional tag representatives in Virginia to make Paws Across Virginia a reality.

If you live in Maryland and want an application for a Clemson tag, simply contact Rachael at ruiker@alumni.clemson.edu.

If you’d like to get a Virginia-issued Clemson license plate, contact Gary Smith at Gary.Smith@alumni.clemson.edu.

Clemson has received more than $1 million for scholarships from the South Carolina tag. Tags from other states don’t provide scholarship revenue to the University but are a great way to display Clemson pride.

Clemson Club medals

Thanks to all Clemson Clubs for supporting the University. Special recognition goes to the following clubs for an outstanding 2002-03 year. A gold Tiger Paw goes on the Clemson Club banners of Charleston, Goose Creek, Columbia, Greenville, Greenwood, Lancaster, Lexington, Spartanburg, York, Charlotte, Piedmont, Triangle, Cabarrus Rowan, Baltimore/Washington, Northern California, Jacksonville, Atlanta, Dallas/Ft Worth and Edisto. Silver goes to Fort Hill, Northern Alabama, Nashville and Tri-Cities. And bronze goes to Delaware, South Florida, Orlando, Philadelphia and Richmond.
Coed celebration

Clemson is just over a year away from its 50th anniversary of coeducation. In celebration, we’re planning commemorative events on campus and a special edition of Clemson World.

We’re looking for Clemson women “firsts” such as the first engineering graduate, first female ROTC cadet, first female drum major of the Tiger Band and others.

We’re also looking for outstanding successes of our female graduates, whether it be as a CEO, doctor, professional athlete, musician, award-winning teacher or other accomplishment. Please send your suggestions to us at Clemson World, 114 Daniel Dr., Clemson, SC 29631-1520 or email lnewall@clemson.edu.

Cruisin’

Clemson alumni and friends party on board the Island Princess during PASSPORT Travel’s Canadian Rockies/Alaska adventure in August.

Travel destinations for the coming year include the waterways of Holland and Belgium, a Scandinavian/Russian cruise, a journey through Civil War sites, an Austrian cruise, a tour of U.S. National Parks (Grand Canyon, Zion, Bryce, Grand Teton and Yellowstone) and a Greek Isles cruise.

For more on PASSPORT Travel adventures, call the Alumni Center at (864) 656-2345.

Cool Clemson women

Meet the current Clemson Women’s Alumni Council. Pictured below are, front row from left, Jessie Hood, Shelley Carter, Kathy Rukat, Jennifer Graham, Andrea MacMeccan, Paige Richardson, Gayle Price and Sissi Bruner; second row, Tory Watson, Amy Birch, Laurie Allen, Kim Younghans, Alyson Bailey and Heather Bryd; back row, Susan Gressette, Lynn West, Elizabeth Milhous and Julie Collenberg. Not pictured are Lauren Aull, Lori Smith and Miranda Walker.

The council sponsors events for Clemson women graduates around the state and region. One of the most popular events is the annual Bring Your Daughter to Clemson weekend, scheduled for May 15-16, 2004. 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.
Welcome!
Thousands of people nibbled and nudged their way along College Avenue in downtown Clemson during the 18th annual Welcome Back Festival, marking the start of the 2003-04 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.

Bull ridin’
Some of the braver Clemson students took a turn taming a mechanical bull during the Welcome Back Carnival on Bowman Field.

Kickoff Clemson
Freshmen gathered in the Outdoor Theater for an introduction to Clemson traditions, history and symbols.

New friends
Freshmen gathered on the President’s House lawn to make new friends and share a picnic with the Tiger.

A+ design
A project by students and faculty of the Clemson Architecture Center in Charleston has garnered national recognition for the creative integration of education and practice.

A studio course involving undergraduate and graduate students explored design options for the eight-acre Ansonborough Field in Charleston and its relationship with surrounding streets and neighborhoods. The project was awarded one of only six 2003 prizes by the National Council of Architectural Registration Boards.

Students worked with Charleston’s Civic Design Center and Department of Planning and Neighborhoods. The Charleston City Council adopted the plan and will soon develop the project.

The students in the award-winning course are front row from left, Emily Cox, Bridget Gilles, Sallie Ham bright, Justin Smith; second row, Po Tin, Alicia Reed, Joel Wenzel; third row, Michelle Bellon, Peter Szczelina, Amy Finley, Bryan Atwood; fourth row, Lou Markovic, Lukas Kohl, Lindsey Georges; fifth row, Gregory Huddy, David Pastre, Michael Osman; and, top of the steps, professors Ray Huff and Robert Miller, the center’s director.

Football grad rate 11th in nation
The graduation rate for Clemson football players who entered the University during the fall of 1996 is 78 percent, 11th best in the nation among the 117 Division I-A schools according to figures released by the NCAA during September 2003. That includes a graduation rate of 89 percent among African Americans, the seventh best in the nation among Division I-A schools.
On tour at Gettysburg

During a spring tour of dairy facilities in Virginia and Pennsylvania, Clemson animal and veterinary science students visited the Gettysburg Battlefield and stopped at the S.C. Confederate Memorial. From left, Vivian Ebenhack, Adrianne Bell, Allison Waggoner, Brett Kirkley, Elizabeth Belser, Barbara Rogers and Ashley McAuley with professor Jean Bertrand and LaMaster Dairy Center assistant manager Ricky Tingle.

Ring’s the thing

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 (SAA).

SAA and the Alumni Association are planning the next ring ceremony to be in April 2004 for eligible students who order their rings in January.

SAA’s mission is to connect current students and Clemson alumni. It also sponsored a Getting Acquainted with Clemson program for SAA freshmen.

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 or the next ring ceremony, visit the Web at alumni.clemson.edu/saa or call the Alumni Center at (864) 656-2345.

First assignment

Incoming freshmen and new students headed to Littlejohn Coliseum, even before classes began, to follow up on their first assignment — the autobiography of Richard Rodriguez, this year’s choice of the Clemson summer reading program.

The Hunger of Memory: The Education of Richard Rodriguez traces the author’s life from the time he entered public school in California, as a Mexican American knowing only 50 words of English, until he was completing his dissertation. An added dimension was that Rodriguez visited Clemson and spoke to students and faculty shortly before the fall semester started.
Classmates

Longtime Tiger

Alan McCrary Johnstone ’32

Meet the honorary captain of Clemson’s NCAA Championship Golf Team — Alan Johnstone — the last surviving member of Clemson’s very first golf team of 1930-31. He’s also the only surviving charter member of IPTAY.

Pictured here with IPTAY associate director Bert Henderson (left) and Tiger Football Coach Tommy Bowden, Johnstone was presented with the honor during the Edisto Clemson Club’s spring gathering in Orangeburg.

The electrical engineer served as director of Orangeburg’s Department of Public Utilities from 1957 to 1977. His grandfather and namesake, Alan Johnstone, was named to the first Clemson Board of Trustees by the S.C. Legislature in 1889. The Johnstone dormitory complex, built in the 1950s, was named in his memory.

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1932
S.F. Horton (ANSC) of Loris is helping his longtime home get back to its roots. The Loris Civitan Club, of which he’s a charter member, is working to restore the town’s 1937 train depot. Horton bought the old structure in the 1950s and had it moved to his farm where it served as shelter for equipment, hay and other materials. Now he’s donating it back to the town where, after its restoration, it’ll become a museum for tourists and residents.

1950
B.K. Sutton (TMFG) of Greenville, a retired major general, has been reappointed to a three-year term as an Army Reserve Ambassador for South Carolina.

1956
Kenneth B. White (EDUC) of North Myrtle Beach has retired from education in Gaston County, N.C., after 34 years of service, nine as a teacher and 25 as a principal.

1960
A.P. “Whity” Moore (IM) has retired from the Georgia Department of Education and moved to St. Simons Island, Ga.

1961
Tommy M. Ariail (TE) of Spartanburg was awarded the 2003 Adjunct Faculty Presidential Award at Tri-County Technical College in Pendleton. He’s a textile management technology instructor.

1962
Myles O’Riley (A&SCI) of Columbia has retired from State Farm Insurance after 33 years of service.

1963
Larry E. Vereen (BIOL, M ’64 BACT) of Greenwood has retired from Lander University after teaching biology there for 40 years. His teaching actually began at Clemson where he was a lab instructor and then an assistant professor in microbiology. He now plans to split his time between Greenwood and his farm in Little River.

1965
Joel W. Collins (ENGL) of Columbia was awarded the Jeter E. Rhodes Jr. Trial Lawyer of the Year Award by the S.C. Chapter of the American Board of Trial Advocates. He’s president of Collins & Lacy P.C. Law Firm.

Charles R. Lee (M AGRON, PhD ’68) of Vicksburg, Miss., a consultant in phyto-engineering, has retired after 30 years of service with the U.S. Army Corps of Engineers. He conducted environmental research at Waterways Experiment Station.

Eye-witness account

John H. Truluck ’38

Retired architect John H. Truluck is on a mission — to help give S.C. high school students an accurate understanding of the history and importance of WWII.

Truluck has written a manuscript, World War II & The Eighth Air Force, based on his experiences, and he’s trying to make it available to high schools and public libraries throughout the state.

Truluck has made history himself. In 1939 he became the youngest registered architect in South Carolina. And, until his recent retirement, he held the record for the longest registered architect in the state.

As an Army pilot in WWII, he flew 71 combat missions and received the Air Medal, Distinguished Flying Cross and Presidential Unit Citation multiple times. He also received the Distinguished Service Cross, the country’s second highest decoration.

After he retired, he wrote And So It Was, the Memories of a Fighter Pilot. His latest chronicle — World War II & The Eighth Air Force — is specifically designed to give students a better appreciation of the legacy from one generation of Americans to another. For more information, write to John Truluck at 309 Woodlawn St., Walterboro, SC 29488 or email truluck@lowcountry.com.
Leonard D. Reynolds ’49, Philip H. Prince ’49, William C. Laffoday ’51, John H. Pitts ’51
When Clemson alumni (from left) Len Reynolds, Phil Prince, Bill Laffoday and John Pitts went to a recent “all classes” reunion at Lamar High School, they added another dimension to the gathering of old friends.
They took the opportunity to honor and give special recognition to Lamar native and legendary Clemson English professor John Lane in his own hometown.
Lane taught at Clemson College for 40 years and was so influential that 10 years after his death in 1968, there were 12 newspaper editors in major cities around the nation who had been his journalism students, including Pulitzer Prize winner Harry Ashmore ’37.

1967
Oscar N. Vick III (INED, M ’70) of Charleston owns oscarvick.com, a retail outlet for his books and watercolor prints.

1969
John E. Cely (ZOOL, M ’80 WB) of Columbia, a wildlife biologist with the S.C. Department of Natural Resources, was appointed to the Audubon S.C. Board.

1972
Charlie M. Compton (PREARCH, M ’74 CRP) of Lexington was recognized by the Lexington County Soil and Water Conservation District for protecting the environment through planning.

1973
Lud W. Vaughn (ADMMGT) of Rock Hill is executive vice president of Provident Community Bank.

1974
Richard A. Familia (ZOOL, M ’75 ESE) of North Charleston has been named vice chair of the Audubon S.C. Board. He’s president of Giant Resource Recovery Co. Inc., a subsidiary of Giant Cement Holdings Inc. in Summerville.

1975
John W. Prather III (CHE) of League City, Texas, is technical manager for Old World Industries.

1976
Nancy Rankin Ewing (AA NURS, BS ’99, M ’03) of Anderson is with AnMed Health.

1978
Mary Roberts Barron (FNMG) of Belmont, N.C., received national board certification in early adolescence/English language arts.

Cynthia Cooke Taylor (NURS) of Taylors received a master’s degree in divinity from Candler School of Theology, Emory University. She’s a member of the S.C. Conference of the United Methodist Church.

1979
Roy E. Belser (WDUTIL) of Summerton was appointed to the Audubon S.C. Board. He’s senior vice president and director of land and forestry management for American Forest Management Inc. in Walterboro and Sumter.

Ron V. Rash (M ENGL) of Clemson received the Independent Publisher’s Award for his novel One Foot in Eden.

1980
Dorota A. Abramovitch (PhD CHEM) of Clemson, an associate professor of chemistry at Anderson College, received the Michael Boles Excellence in Teaching Award for 2003 in recognition of her outstanding performance as a teacher and adviser.

Urban land-use leader

Harry H. Frampton III ’67
Agriculture and science graduate Harry Frampton is the new chairman of the Urban Land Institute, a nonprofit education and research institute dedicated to providing responsible leadership in the use of land to enhance the total environment. The Urban Land Institute is a community of practice for those engaged in the entrepreneurial and collaborative process of real estate development and land use policy-making. Founded in 1936, it now has 18,000 members working in the public and private sectors, a staff of 100 in Washington, D.C., and a $27 million operating budget.
Frampton, originally from Hartsville, is managing partner of East West Partners, a real estate development company based in Beaver Creek, Colo.
National public power leader

Glenn S. Cannon ’71

Economics graduate Glenn Cannon was recently named chairman of the American Public Power Association, which represents the nation’s more than 2,000 local publicly owned electric utilities. Cannon is general manager for Waverly Light and Power in Waverly, Iowa.

In the public power arena, he is a well-known champion for a cleaner environment. Under his direction, Waverly Light and Power has received numerous national awards for energy efficiency and renewable energy programs, including awards from the U.S. Department of Energy and National Renewable Energy Laboratory.

Prior to joining Waverly Light and Power in 1990, Cannon worked for the public power utility Santee Cooper in Moncks Corner in marketing energy efficiency.

1981

1982
John D. Fairey (ADMMGT) of Aurora, Colo., works with TRI-CARE Management Activity, the Department of Defense Health Plan. He earned Fellow honors in the American College of Health Care Executives and the Academy of Healthcare Management.

1983
Perry W. Hiott (POSC) of Jonesboro, Ga., is director of research and redevelopment services for the Georgia Municipal Association in Atlanta and serves as adjunct instructor of public administration at Georgia College & State University.

1984
Edward A. Brock (ADMMGT) of Rock Hill is senior vice president and regional executive for Provident Community Bank.

Michael C. Crawford (ET) of Nacogdoches, Texas, is senior sales engineer with RMDYNEX, a division of JM Clipper Corp.

What’s wrong with this picture?

You think your résumé is picture-perfect and your experience is diverse, yet you still haven’t landed your next career opportunity. Finding that job may just be a matter of time. Or perhaps you haven’t realized the importance of some basic job-search factors that most employers recognize as critical.

What’s wrong with this picture is answered in “Top 10 Ways NOT to Get Hired” printed upside down at the bottom of the page.

To discover ways TO get hired, go to alumni.clemson.edu and click on “Career.”

Tenneil Moody, Director
Alumni Career Services
(864) 656-2345
Email: acs-L@clemson.edu
Web: alumni.clemson.edu

Bruce A. Johnson (SPAN) of Herndon, Va., is a systems analyst with Aspen Systems Corp. in Rockville, Md.

Polly F. Kay (MEDT) of Anderson was awarded the Presidential Medallion for Instructional Excellence by Tri-County Technical College in Pendleton. She’s a medical laboratory technology instructor.

Top 10 Ways NOT to Get Hired:
1. Blasting out generic résumés.
2. Investing minimal time in networking.
3. Lacking enthusiasm for the job or employer.
4. Lacking interpersonal skills.
5. Having unclear job goals.
7. Being unprepared for the interview.
8. Being unable to verbalize relevance of former experiences.
10. Not practicing how to “sell yourself.”
Saving history

Martin E. Meek '73

Architect Martin Meek joined a Spartanburg architecture firm in 1973 right after his Clemson graduation. He now owns the firm, Campbell Meek and Associates Architects Inc. Projects have included churches, country clubs, custom homes, government buildings, banks, restaurants and other retail structures.

Since 1985, the firm has been retained by the city of Spartanburg as architect for the downtown historic district, including facades as well as many interiors. A project in 1999, restoration of The Poinsett Hotel in Greenville, helped focus Meek’s energy in the field of historic preservation, now 95 percent of the firm’s business.

A recent project is The Inn on Main in Spartanburg, the city’s only downtown bed and breakfast. (See article below.) He’s pictured here at Freemont School, a project for which he received the 2003 S.C. Historic Preservation Honor Award.

Meek recently completed serving on the state review board for the National Register of Historic Places. He also sits on various boards for historic homes in the Upstate and owns the historic Mountain Shoals Plantation in Enoree.

Autar K. Kaw (M EM, PhD '87) of Tampa, Fla., was awarded the 2002-03 Archie Higdon Distinguished Educator Award by the American Society of Engineering Education. He’s a professor of mechanical engineering at the University of South Florida.

Charles A. “Chuck” Perry Jr. (ADMMGT) of Clemson is president of Central Carolina Bank’s South Carolina region.

1985

Gregg A. Cribb (DESIGN) of Hopedale, Mass., is an associate with Steffan Bradley Architects in Boston.

1986

Kevin T. Adams (FINMGT) of Lexington is vice president and city executive for the Cayce-West Columbia branch of First Community Bank.

David R. Burns (ADMMGT) is fire chief for Ankeny, Iowa. He recently graduated from the National Fire Academy’s Executive Fire Officer Program.

1988

Joel F. Dale (PSYCH, M ’93 CN-LGUID) of Shelby, N.C., is pastor at Sandy Plains Baptist Church.

Douglass D. Key (FINMGT) of Greensboro, N.C., received a doctor of divinity degree.

Mark C. Rowh (EdD V&TED) of Dublin, Va., vice president for advancement at New River Community College, received a Distinguished Achievement Ed-Press award from the Association of Educational Publishers. He was honored for his article “How to Be a Great Test Taker,” published in the Sept. 2002 Career World.

Mim Lindsay (ENGL) and William M. Jr. (SED MA) Runey are living in Charleston. She’s executive director of operations at Johnson & Wales University, and he’s assistant principal and head basketball coach at Bishop England High School.

1989

E. Paul Basha (EE) of Fort Mill is president and CEO of York Electric Cooperative.

Craig J. Lippincott (L&IT) is married and living in Lausanne, Switzerland. He’s in marketing with Medtronic in its European headquarters.

Jason G. Pike (AGED, M ’90) of Inman is a major in the U.S. Army, serving as commander of the 5th Medical Detachment in Korea. He graduated from the combined general staff officer course in Yongsan.

G. Stacy Shumpert (EE) of Pine Mountain, Ga., is a senior electrical engineer for Duracell in LaGrange.

On Main Street

Susan Phillips Sease ’73

Microbiology graduate Susan Sease is in the midst of a second career. After more than two decades with Campbell Soup Co., Nabisco and Nestlé, including managing laboratories and quality assurance departments, she retired. But as she had more time to delve into her second passion — history — she realized her retirement wouldn’t last long.

She and her husband, Wayne, bought a century-old home on Spartanburg’s Main Street in 2002 and began the arduous task of restoring it. They called on Clemson alumnus and architect Martin Meek and his firm’s interior designer, Angie Thompson, for help.

Now, the Seases are the proud proprietors of a bed and breakfast, The Inn on Main. The inn features six guest rooms, each with a Spartanburg historical theme — textiles, peaches, Revolutionary War, gardens, Hub City days and the Alexander family who were longtime owners of the original home.

The Inn on Main, the only bed and breakfast in downtown Spartanburg, was added to the National Register of Historic Places earlier this year. For more information, email theinnonmain@charter.net or call (864) 585-5001.

Y our c l a s s  c o u n t s

The number of alumni who make a gift every year is a key factor in Clemson’s becoming a top public university. Our alumni participation goal for this year is 26 percent.

To see how your class is doing, visit the Web at alumni.clemson.edu/projects/update.htm for the latest numbers.

To help raise your class’s giving record, use the enclosed envelope, call (864) 656-5896 or make a secure online gift at www.clemson.edu/isupportcu.
1990

Phillip I. Broder (AQFI&WB) of Villas, N.J., is director of education at the Wetlands Institute in Stone Harbor.

Susan A. Fucito (NURS) of Roswell, Ga., is in project management with MetLife Insurance Co. and with critical care at St. Joseph’s Hospital in Atlanta.

Elizabeth P. Rowland (MKTG) of Raleigh, N.C., teaches fifth grade at Briarcliff Elementary School in Cary.

1991

Nicolette R. Fichter (ENGL) of Germantown, Md., received a master’s degree in marketing from Johns Hopkins University and is a urology sales specialist and regional field trainer for Abbott Laboratories.

Peter C. Hausmann (DESIGN) of Durham, N.C., attended Princeton Seminary and is a co-pastor at a Presbyterian church.

Lynda Stokes (SOC) and Graham A. (’94 LSAH) Kimak are married and living in Greenville. She’s director of the Child Care Development Center at Greenville Technical College, and he’s a landscape architect with Arbor Engineering Inc.

Benjamin L. Rodgers (BiolSC) of Walterboro has a pediatric practice.

1992

David Andrew Crain (BiolSC) of Maryville, Tenn., was named runner-up as Maryville College’s Outstanding Teacher of the Year. He’s an assistant professor of biology.

Karla Bjontegard (MGT) and David Max (’93 CE) Johns are married and living in Columbia.

Mark E. Krohn (PSYCH) of Bath, Ohio, is chief operating officer and chief legal counsel for White Hart Ventures LLC.

Nicki Fernandez Mitchell (PRTM) is married and living in Atlanta, Ga. She’s with Spencer Stuart Assoc.

Paragon director

Sally Love ’81

Alumna Sally Love served as the program director for McGraw-Hill Construction’s Engineering News Report annual Top 1,000 Contractors Leadership Forum earlier this year in Chicago, Ill. She was also program director for its annual Construction Owners Summit held in the fall in Washington, D.C. Engineering News Report is the premier worldwide publication in construction and engineering news and trends.

A native of Rock Hill, Love is director of Greenville-based Paragon Management Consulting, an international management-consulting firm that specializes in optimizing company operations and capital projects. She holds a Clemson bachelor’s degree in electrical and computer engineering.

Love has extensive knowledge and involvement in the engineering and construction industry. She has led consulting projects across the United States and in Spain, France, Germany, New Zealand, Brazil, Ireland, Canada and Singapore.

At Clemson, Love has shared her expertise by participating as a guest speaker at the Women’s Alumni Council’s annual Bring Your Daughter to Clemson event in May. In addition, she’s a member of the executive advisory board for the University’s College of Business and Behavioral Science. Love also serves on the board of directors of Miracle Hill Ministries.

Brian L. Waldrop (ECON, M’96 AGRIC) is equipment-planning engineer for NewSouth Communication in Greenville.

Melissa Roma Houck (PSYCH) is married and living in Brentwood, Tenn.

E. Gerald Johnson (BIOCH) of Amelia, Ohio, completed a fellowship in pediatric cardiology and is an assistant professor of pediatrics at the Penn State College of Medicine.

Kimberly Webb Lague (M BUSADM) is married and living in Tequesta, Fla. She’s owner of Corporate Workflow Solutions Inc.

Michael H. Nichols (MGT) of Charlotte, N.C., is retail sales manager for the Charlotte and Hickory markets of Cricket Communications.

Dana Poole Skelton (L&IT) is married and living in Athens, Ga.

1993

Robert H. Gist ’80

Robert H. Gist of Little Elm, Texas, is in the midst of what he calls the “most fun” project of his career. The vice president of operations for Centex Construction Co., Gist has executive oversight of the $330 million construction of Gaylord Opryland Texas™ in Grapevine.

The Texas-themed resort has three atriums over four acres, a nine-story oil derrick with an observation deck, a replica of the Alamo, and an indoor river and waterfalls. Its 2.5-acre skylight, topped by a gold glass Lone Star, has more than 4,000 panes of glass.

Gist has also worked on an array of other challenging Centex Construction Co. projects including Children’s Medical Center in Dallas, a $200 million hospital for the 82nd Airborne at Fort Bragg, N.C., the expansion of the CIA headquarters in Langley, Va., the Dr Pepper StarCenter ice arenas in Dallas, and ammunition plants for the U.S. Army.

Texas-sized Opryland

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1994

Ashley Jacobs Bloom (ENGL) is married and living in Athens, Ga.
Samuel M. Folk (SED) of Port Royal is regional vice president of Fresenius Medical Services, which services 33 kidney dialysis facilities in South Carolina and Georgia. He's a 2002 graduate of Leadership Beaufort and was the 2003 Beaufort County Water Festival Antiques Show chairman.

Rebecca L. Townsend (BIOCH) and Michael J. Kloss ('96 COMPSC) live in Raleigh, N.C. She received master's degrees of science and of education from Vanderbilt University and teaches science. He's a computer technical support manager.

Jason C. Spitzer (ANSC) of Spartanburg has a dental practice.

Clint S. Wilkins (EE, M '96, PhD '99) is married and living in Chicago, Ill. He works for Motorola Research Laboratory.

Paige Bost Wintz (M BUSADM) is married and living in Simpsonville. She's an account executive with Muzak.

L. Clator Butler (PSYCH) of Falls Church, Va., has released a new album, White Collar Crime. It includes his songs about the rise and fall of corporate America, the war on terror, life inside the D.C. Beltway and how these and other events have affected relationships. (http://www.clator.com)

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Jason A. Cranford (ACCT) of New York, N.Y., is tax manager of the Morgan Stanley Real Estate Funds.

Alison Whetstone Daniel (PSYCH) is married and living in Charleston.

Ryan R. Hauck (COMPSC) of Summerville is serving a second term as national president of Mu Beta Psi, national honorary musical fraternity. He's an information engineer at Modulant Inc. in Charleston.

Amy Armbruster Joy (NURS) of Atlanta, Ga., received a master's degree in nursing from Georgia

Christine Peralta Thompson M '80

Environmental systems consultant Christine Thompson has been elected to the board of directors of the National Wildlife Federation. She'll serve a three-year term as at-large director, overseeing the organization's business and financial affairs.

Thompson, who holds a master's degree in environmental systems engineering, has more than 20 years of expertise in environmental systems management. She's worked with corporations, communities, organizations and utilities on sustainable environmental systems designed to minimize the human impact on the nation's ecosystem. She's also held positions at Westinghouse and DuPont.

Thompson is an independent subcontractor based in Virginia Beach, Va. She's also past president of the S.C. Wildlife Federation, the first woman elected to that position in the organization's history.
State University and is a pediatric nurse practitioner.

Blair Beggan Kelly (PRTM) of Alexandria, Va., is a marketing director for the Association of Air Medical Services.

Brandon W. Punch (CE) of Moore has completed the licensure requirements and passed the principals and practice of engineering exam, distinguishing himself as a professional engineer in South Carolina.

Keith D. (CPENGR, PhD ’02) and Dana Hager (’97 CPENGR) Underwood are living in Alburquerque, N.M. Dana completed her Ph.D. from the University of Georgia and is a postdoctoral student at the University of New Mexico Health Services Center.

1996

Andrea Parkhurst Bennett (BI-OLSC, M ’99 ANSC) is married and living in Leland, N.C.

John P. Colacioppo (CSMGT) of Simpsonville is a project manager for Flagler Construction Co. in Greenville.

Charles S. Moore (CHE) of Jenks, Okla., graduated from Emory University School of Medicine and is serving a three-year family medicine residency at In His Image in Tulsa.

1997

Robin West Whiting (MATH-TC) is married and living in Lexington, where she’s a pharmaceutical sales representative for Janssen Pharmaceuticals.

1998

T. Ben Bunton (CE) of Commerce, Ga., an accredited professional engineer, is a construction project engineer with the Georgia Department of Transportation in the Athens area office.

Michael A. (FINMG) and Kelly Jarrett (’00 SP&COMM) Catanese are married and living in Charlotte, N.C. He’s a commercial real estate broker for Whiteside Industrial Properties, and she’s a medical sales representative for DePuy, Johnson & Johnson.

Brooke Petty Cremmins (MKTG) is married and living in Greenville. She’s a partner at The IdeaWorks Advertising Agency.

Matthew S. (POSC) and Wendy Moreland (’99 BIOL) Massingill are living in St. Petersburg, Fla. He graduated from Stetson University College of Law and has been admitted to the Florida Bar Association.

Amy Vaughn Ponder (ENGL) of Simpsonville was selected as one of Greenville Magazine’s Best & Brightest 35 & Under for 2003. She’s the center director for Senior Action Inc.

Monica McDill Roberson (CHE) is married and living in Midvale, Vt.

Monifa F. Wright (ME) of Columbia is a recipient of the Smith Moore LLP Scholarship, awarded to a first-year minority law student. She’s attending the University of Virginia School of Law.

1999

Steven A. (LSAH) and Greshan Alexander (’00 PSYCH) Charlton are married and living in Mauldin.

Angela M. Ehinger (ANSC) of Fort Wayne, Ind., received a doctor of veterinary medicine degree from the University of Georgia College of Veterinary Medicine. She’s an associate veterinarian for the East State Veterinary Clinic.

Brian R. Johnson (CHEM) is married and living in Hummelstown, Pa. He received a doctor of medicine degree and is a resident in ophthalmology at Penn State University Medical Center in Hershey.

Lisa Payne Jones (SP&COMM) is married and living in Smyrna, Ga.

Erin M. Sine (SP&COMM) of New Orleans, La., is a second-year law student at Tulane University.

Matthew A. Vissage (CSMGT)
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/update.htm for the latest numbers.

To help raise your class's giving record, use the enclosed envelope, call (864) 656-5896 or make a secure online gift at www.clemson.edu/isupportcu.

of Simpsonville is a project engineer with Flagler Construction Co. in Greenville.

2000
Benjamin M. (ME) and Kate Hayden ('02 PRTM) Canterbury are married and living in Fletcher, N.C. He's a mechanical engineer with Raflatac Inc.

Monica E. Hatcher (ANSC) of Gainesville, Fla., is attending the University of Florida College of Veterinary Medicine.

Kristine Bishop Johnson (DESIGN) is married and living in Woodbridge, Va.

Mark B. (PRTM) and Monica Newton (L&IT) Molinar are married and living in Simpsonville. He's the supervisor of a business development team at SYNNEX Information Technologies in Greenville, and she's a home-planning consultant for Regal Homes Inc.

Berry J. Ponder (CSMGT) of Simpsonville formed Ponder Construction Corp., a firm specializing in insurance restoration, remodeling and new construction. He's serving on the board of directors for the Woodruff Road Exchange Club.

2001
Amy Slough (CHE) and Robert M. (CE) Anderson are married and living in Rocky Face, Ga.

John C. (CPENGR) and Liz Haselden (CE) Carpenter are married and living in Greensboro, N.C.

Mollie E. Ferrigan (ENGL) of Oxford, Ohio, is pursuing a master's degree in technical communication at Miami University.

Jeff C. (TS) and Beth Funk ('03 NURS) Moreland are married and living in Anderson.

Adam M. Pirritma (MKTG) of Ocala, Fla., is director of game-day operations for the Charlotte Checkers hockey team.

2002
Vladlena Gertseva (PhD FOR) of Newport, Ore., is a postdoctoral fellow at the Oregon State University Marine Science Center.

Ashley M. Pitts (SPECED) of Gray Court is teaching at Hickory Tavern Middle School.

Tigers on the Tigris

Ralph G. “Trip” Higgins ’88, Eldred K. Ramtalal ’94, Timothy A. Solie ’89

Pictured at Saddam Hussein's former palace overlooking the Tigris River in Mosul, Iraq, are (from left) Maj. Trip Higgins, Capt. Eldred Ramtalal and Maj. Tim Solie, where they are stationed with the 101st Airborne Division (Air Assault).

All three were deployed in February 2003 and took part in combat operations in An Najaf, Karbala, Al Hillah, South Baghdad and Mosul, Iraq.

Maj. Higgins served as the Division G6 and is now the 501st Signal Battalion executive officer. Capt. Ramtalal served as the aide to the assistant division commander of operations. Maj. Solie is serving as the division automation officer.

Retracing ‘Stones of Venice’

Pernille Christensen M ’00

Clemson alumna Pernille Christensen recently visited Venice, Italy, to retrace the steps of a 150-year-old study of Venetian architecture. An intern architect with Niles Bolton Associates in Atlanta, Ga., Christensen is the recipient of the Georgia Trust for Historic Preservation's 2003 J. Neel Reid Prize, which includes a $5,000 fellowship.

She used the fellowship for travel to Venice to study the work of world-renowned architectural writer John Ruskin.

During the two-week visit, she documented the current state and preservation of classic carvings and decorations that have since deteriorated from the time of Ruskin's first sketches in his 1853 book, The Stones of Venice.
Little Tigers

Mike H. '81 and Alison Guess '83, M '88 Still, a daughter, Kori Annice, April 10, 2002.
Donna Hodges Mitchell '82, a son, Phillip Payton, April 11, 2003.
Claire Hance Cassell '86, a son, Tanner Hance, March 27, 2003.
René Livingston Free '86, a son, Aidan Raymer, Sept. 13, 2002.
Bert S. Godwin '86, a daughter, Ellie Marie, May 19, 2003.
Melissa McCown Saby '86, a son, William McFarlin, June 12, 2002.
Barry P. '88 and Lori DeVall '94 Brock, a daughter, Victoria Rose, April 22, 2003.
Joel F. Dale '88, M '93, a daughter, Kirsten Savannah, March 15, 2002.
Paul J. Fike '88, a daughter, Rachel Marie, April 1, 2003.
Barney E. Smith '88, a daughter, Anna Catherine, April 1, 2003.
Suzanne Schmidt Bakaletz '89, a son, Maxwell John, April 4, 2002.
T. Todd Ivester '89, a daughter, Hallie Elizabeth, March 30, 2003.
Thomas S. Shane '89, a daughter, Morgan Olivia, May 2, 2002.
G. Stacy Shumpert '89, a son, George Samuel, Sept. 18, 2002.
Kristen Antley Sledge '89, a son, Gabriel Wayne, July 25, 2002.
Kelly Williams English '90, a son, Andrew Carl IV, Feb. 27, 2003.
Sheila O'Connor '90 and John T. Jr. '91, M '93 Miller, a son, Mark Edward, April 27, 2003.
Benjamin L. Rodgers '91, a daughter, Eleanor Kate, Feb. 2, 2003.
Jeff S. Cowart '92, a son, Hunter James, May 22, 2003.
Mary Jac Kizer Kellam '92, a daughter, Caroline Morgan, March 20, 2003.
Bridget Welsh Christian '93, a son, Austin Edward, June 6, 2003.
Brent T. Connelly '93, a daughter, Emma Grace, April 29, 2003.
Jeff D. and Sarah Grant Graham '93, sons, Fletcher, March 7, 1998, and Archer, October 8, 2002.
Charles B. Hoopingarner '93, a son, Eric Alexander, March 5, 2003.
J. Michael '93 and N. Jill Elliott '95 Reames, a son, Anderson Carlisle, Nov. 8, 2002.
Cesarine Hudson and Phillip Allen Smith '93, a son, Hudson Nicholas, April 23, 2003.
Matthew H. '94, PhD '00 and Agnes-Ann Love '97 Feemster, a son, Samuel Glenn, June 16, 2003.
Katie Kall '94 and Jeff H. '95 Johnson, a son, Davis Edward, June 30, 2003.
Kristian M. '94 and Kristie Burke '95 Piacine, a daughter, Emmerson Grace, April 5, 2003.
Jeff A. '95 and Cheryl Padua '96 Bogtong, a daughter, Ashley Elizabeth, Oct. 6, 2002.
Regina Murphy '95 and Chris M. '96 Broome, a son, John Thomas, April 7, 2003.
Kevin H. Hodge '95, a son, Caleb James, Feb. 4, 2003.
Blair Marie Beggan Kelly '95, a daughter, Elizabeth Grace, Jan. 2, 2003.
Kimberly Stokes Morgan '95, a son, Maxwell Stokes, May 12, 2003.
David H. Prince '95, a son, Jacob David, Jan. 21, 2003.
Sandy Morrah Whiteford '95, a son, John Miller, April 7, 2003.
Jennifer Melton Sanders '96, a son, Benjamin Keith, May 18, 2003.
J. Patrick Caldwell '97, a daughter, Emma Corinne, Nov. 11, 2002.
Shedrick A. Grant '97, a son, Kendrick Thomas, May 7, 2003.
Buffy Head Murphy '98, a daughter, Ashley Mackenzie, May 3, 2003.
Lea Hogue Hardy '00, a son, Robert Tyler, March 24, 2003.
Kimsey L. M '00 and R. Gregg '01 Hodge, a son, Jackson Lee, April 29, 2003.
Remembering to give to Clemson can be a breeze.

We know you're leading busy personal and professional lives. And you can't always remember everything. Like making a gift to Clemson. That's why there are two ways to support the University that are a breeze:

- Automatic Bank Draft
- Automatic Credit Card Debit

After you initiate the authorization process and set the terms of your contribution—like how much and how often—you never have to remember to make a gift to Clemson again!

You may also make a gift by returning the envelope enclosed in this magazine, going online to www.clemson.edu/supportcu or calling (864) 656-5896.

For more information, contact Ann Smith, director of annual giving, at (864) 656-5896 or annsmi@clemson.edu.

FALL 2003

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.

Address changed? Please tape your old address information from the back cover in the space below and write in your new address.

Has anything new happened to you? Use the space below for your name, year of graduation, major, and town and state.

<table>
<thead>
<tr>
<th>Name (please include maiden name)</th>
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<tbody>
<tr>
<td>Year of Graduation</td>
</tr>
<tr>
<td>Town and State</td>
</tr>
</tbody>
</table>

Comments: (Please specify which subject.) General comments □  Address information □  Class notes □  Other □

Send your news by FAX to (864) 656-5004 or by email to sleigh@clemson.edu.
Or tear along perforated lines and mail your news to Clemson World, 114 Daniel Drive, Clemson, SC 29631-1520.
Passings

Joseph H. Hall '26, Gaffney
Wallace R. Roy '26, Columbia
Maurice A. Jones '28, Columbia
Henry I. Sanders '28, Ninety Six
James J. Butler '30, Greenville
Roy F. Comer '30, Kelton
Bennett S. Rose '31, Greenville
W. Kelly Howze Jr. '32, Columbia
George M. Smith '33, Greenville
Samuel P. Taylor '36, Columbia
Clarence E. Pike '38, Greenwood
A. Charles Verner '38, Piedmont
William O. Cofer '39, Walterboro
Samuel P. Taylor '36, Columbia
James R. Lester '42, Greenville
Ben D. Free '42, Ninety Six
Samuel F. Crews Jr. '42, Hampton
Donald B. Wentzel '41, Thomson
James Theodore '40, Greenville
Samuel F. Crews Jr. '42, Anderson
Ben L. Johnson '58, M '61, Columbia
Daniel L. Coleman Jr. '59, Latta
Bobby R. Rowland '59, Sandy Springs
Robert H. Smith Sr. '59, Greenwood
Gene R. Kinard '60, Fairfax
Sidney G. Fisher '61, Charleston
Charles H. Frampton '61, North Charleston
Richard E. Peek '62, St. Petersburg, Fla.
Charles G. Grant Jr. '63, Chester
Paul J. Hagelston Jr. '63, Aiken
A. Terry Sloan '63, Spartanburg
James Allan '64, Parkland, Fl.
William A. Cannon '64, Hartsville
James J. Colcolough Jr. '66, Mount Pleasant
Arthur P. Foster Jr. '66, Mobile, Ala.
James H. Abrams Jr. '67, Whitmire
Edward G. Golubski Jr. '67, M '92, Greenwood
James W. Creech Sr. '68, Blackville
Joseph E. Crosland Jr. '68, Greenville
Lawrence E. Ellefson '69, Spartanburg
Barbara "Bobbie" Hayes Kinard '70, St. Paul, Minn.
Matthew Crayton '72, Belton
Charles B. Hilburn '73, Mount Pleasant
Fred M. Johnson Jr. '73, Sumter
Jane Justiss Case M '74, Clemson
George W. Caughman Jr. '74, Lexington
Jack E. Gilliland Jr. '74, Greenville

William E. West '49, Greenville
J. Edward Chambers '50, Easley
Robert L. Beach '53, Walterboro
Philip D. Dukes '53, Reevesville
Jack H. Gregg '54, Evergreen
Joel P. Campbell Sr. '57, Anderson
Ben L. Johnson '58, M '61, Greenville
Daniel L. Coleman Jr. '59, Latta
Bobby R. Rowland '59, Sandy Springs
Robert H. Smith Sr. '59, Greenwood
Gene R. Kinard '60, Fairfax
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James W. Creech Sr. '68, Blackville
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Jane Justiss Case M '74, Clemson
George W. Caughman Jr. '74, Lexington
Jack E. Gilliland Jr. '74, Greenville

Clemson World gives hometowns of deceased alumni — where they were from when they were Clemson students — to help former classmates identify them.
Introducing the College Ring Plaque™ handcrafted and cast in Charleston, SC.

Artist Marty Murray has captured each ring plaque in astonishing detail and artistry. Not only is each piece hand painted, but also, can be personalized with your choice of graduating year.

Dimensions:
Plaque: 12” H x 11” W
Stand: 11” H x 9” W

The Clemson® Ring Plaque is officially licensed by Clemson University™ and makes an extraordinary gift for graduating seniors, athletic enthusiasts, and loyal alumni.

Show your support and enthusiasm for the Tigers™ with this commemorative ring plaque. Hang it on the wall, or display it on a desktop or bookcase with the handsome, companion Tiger Stand.

The Clemson® Ring Plaque:
$100.00 ea.
Tiger Stand:
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$10.00

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Choose from gold or silver. Tiger Stand is optional. (shown left)

www.collegeringplaque.com
Call Me MISTER® field coordinator Winston E. Holton ’01, M ’03 appears on MBC Network’s “On The Yard,” a national cable television program that explores issues of interest to its young, urban audience. The episode features the Clemson-based program that recruits and educates African American men to become elementary school teachers. For more information about the program, visit the Web at www.callmemister.clemson.edu or call 1-800-640-2657.

TicketAdvantage.com’s Baseball USA tour rolled 21,000+ miles across America for more than two months this past summer hosting an interactive tailgate party at 46 major and minor league baseball games. Along the way the entrepreneurs — who started their business while Clemson students — were featured in USA Today (July 24).

TicketAdvantage.com is an online secondary market ticket exchange for season ticket holders and single game buyers. Tour sponsors also included General Tire, Chevrolet, GMAC, Louisville Slugger, Hewlett-Packard, XM Satellite Radio, Monaco Coach, Cal Ripken Baseball, Pace American and Virginia-Carolina Peanuts.

Baseball USA contributed over $15,000 to local chapters of the Make-A-Wish Foundation along the way and filled the dreams of many children by inviting them to throw out the first pitch of the baseball game.

Pictured during a tour stop in Tacoma, Wash., are, from left, doing handstands, Lauren Cooney, Logan Stewart and Autumn Sorrow; with check, tour director Chris Allen and founder Adam Witty ’03; in windows, Jen McMullough, Jenna Eldridge and Lawson Black; on top of the bus, Mac Mitchell, Justin Batt ’03, Meric Gambel, Adam Killgallon and Adam Klotzbach ’03.

For more on the tour, visit the Web at www.gobaseballusa.com. For more on tickets, go to www.TicketAdvantage.com.

‘Whad’Ya Know?’

The national radio show “Michael Feldman’s Whad’Ya Know?” is coming to Clemson in January as part of the Brooks Center for the Performing Arts 10th anniversary celebration.

Broadcast on more than 300 Public Radio International affiliate stations, “Whad’Ya Know?” reaches more than 1.5 million listeners every week. The Brooks Center program will feature Feldman’s laconic opening monologue and his foray into the audience to chat with fans. Sidekick and announcer Jim Packard, along with the show’s pianist John Thulin and bassist Jeff Hamann, will be on hand.

The two-hour live broadcast is set for Jan. 24, 2004. It will air at its usual time on the S.C. Public Radio Network. For ticket information, call the Brooks Center Box Office on weekdays, 1-5 p.m., at (864) 656-7787.

‘Module Man’

Without Clemson alumnus Lambert Wilkes ’48 of College Station, Texas, growers might have missed one of the top innovations in cotton production. So says “Module Man,” a July 15, 2003, feature in Progressive Farmer.

Wilkes’ invention, the cotton module, is considered one of the top three innovations in history for cotton mechanization.

The creation of today’s module builder began in 1971, when Wilkes, a professor at Texas A&M, was approached by J.K. Jones of Cotton Inc. to help develop a cotton storage method without using trailers. The idea was to keep harvesters running in the field and give gins a way to process cotton without holding up an operation’s cotton trailers.

Today more than 90 percent of the U.S. cotton crop is moduled. Wilkes’ cotton module builder was dedicated as a historical landmark at Texas A&M in 2002.

Southern Living says so

It’s official — Clemson vanilla ice cream is THE ice cream all other vanillas should be measured by. In the August 2003 issue of Southern Living, “Cool Off in Carolina” gives the scoop on some great ice cream. In addition to naming outstanding ice-cream shops in Myrtle Beach and Hilton Head, the article includes the University’s Tiger Treats in the Hendrix Student Center Eastside Food Court. The taste editor praises a number of Clemson products and writes, “Their vanilla should be the standard by which the rest of the world’s is judged: rich, creamy and oh-so smooth.”

In addition to Tiger Treats in the Hendrix Center, you can find the University’s famous ice cream in Johnston Hall Canteen, in the Madren Center’s Seasons by the Lake and at Pendleton Café and Coffees.
Fatz Cafe in top 400
Alumnus Bill H. Burton's Fatz Cafe has been named to Restaurants
and Institutions magazine’s annual “Top 400” list, which ranks the
nation's largest restaurant chains based on food-and-beverage sales.
Fatz Cafe earned a place on the coveted list with $33.8 million in
sales for its 17 restaurants in 2002.
Burton, a 1977 administrative management graduate, is also the
Hospitality Association of South Carolina's 2003 Restaurateur of
the Year. He's the owner and CEO of Cafe Enterprises Inc., based in
Taylors, which includes 18 Fatz Cafe locations in the Carolinas and
Tennessee.

From Death Valley to the Georgia Dome
These former Tiger cheerleaders now cheer for the Atlanta
Falcons, but they still have some Clemson orange in their hearts.
They are, from left, Jamie Cramer '01, a commercial real
estate broker assistant; Kristye Addison '95, M '00, an artist and
graphic designer; and Jennifer Cramer '01, a corporate marketing
representative.

It's Hallmark
Hallmark Cards Inc. and the National Dropout Prevention Center (NDPC) at
Clemson have developed a special card that encourages students to stay in school. The
card debuted in October during the 2003 National Dropout Prevention Network
Conference in Kansas City, Mo., the home of Hallmark. It will be available in Hallmark stores nationwide.
For more information about NDPC, visit the Web at www.
dropoutprevention.org.

Up the wall
Clemson sophomore Michelle Lever of Anderson, an animal and
and veterinary science student, made the elite U.S. National
Team of the U.S. Competition Climbing Association in July. As one of only four team members, she was invited to compete in the World Youth Cup Championships in Veliko Tarnovo, Bulgaria, in September.

Come Celebrate With Us!
10th Anniversary Events
Thursday, December 4, 8 p.m.
Department of Performing Arts “Kaleidoscope Concert”
Our best student musicians, actors and singers kick off the celebration by showcasing their talent.

Saturday, January 24, 11 a.m.
“Michael Feldman's Whad'Ya Know?”
Be a part of the audience during the live radio broadcast of this nationally syndicated comedy/quiz/interview show.

Saturday, January 31, 5:30 p.m.
10th Anniversary Concert and Gala Reception
Relive the magic that began 10 years ago. The evening features a preconcert reception in the Madren Center followed by a concert by the American Big Band.

Brooks Center Box Office, Monday-Friday, 1-5 p.m., Telephone: (864) 656-RSVP (7787)
Web site: www.clemson.edu/Brooks
Calhoun Office benefactors
Thanks to Archie S. ’49 and Caroline Dargan of Myrtle Beach, another treasure on the Clemson campus has been restored and preserved for future generations. The Dargans made a generous gift to be used in the restoration of the Law Office of the Honorable John C. Calhoun at his Fort Hill home.

The Dargans made the gift in memory of Archie’s uncle George Edwin Dargan of Darlington, a well-known corporate attorney, who gave financial help to Archie to attend Clemson.

The office is located in the heart of campus along with the recently restored Fort Hill, the historical home of John C. Calhoun and later University founder Thomas Green Clemson.

Foundation leaders
New members of the Clemson University Foundation include, seated left to right, William L. “Roy” Abercrombie Jr. ’69; C. Tycho Howell ’71; Neil C. Robinson Jr. ’66, president of the Clemson Advancement Foundation for Design + Building; standing, Brian J. O’Rourke ’83, president-elect of the Clemson Alumni Association; William C. Barker ’72; and Gregg F. Morton ’78, chairman of the Clemson University Board of Visitors.

New members not pictured are David A. Brown ’66; James P. Creel Sr. ’60; Ronald E. Taylor ’65; Margaret K. Worsham ’71; J. Fletcher Anderson, president of undergraduate students; James R. Sanders Jr. ’70, president of IPTAY; Mason H. Ailstock ’02, president of graduate students; R. Philip Landreth ’84, president of the Classified Staff Senate; and new honorary members Richard ’54 and Mary McMahan and Eugene T. Moore ’49.

The Clemson University Foundation raises, receives and manages private gifts for the advancement and benefit of the University. Through its board and committee structure, the Foundation gives alumni and friends a personal involvement in Clemson’s fund-raising and endowment-management programs.

Year-end totals — ‘Challenging Times’
Alumni, friends, foundations and corporations gave $26.2 million in private gifts to the University during the fiscal year that ended June 30. Additional gifts-in-kind, pledge commitments and construction contributions added a value of $6,462,922 in support, making a total of more than $32.6 million in cash and commitments.

Mendal Bouknight, chief development officer, says that private support for Clemson gained significant momentum during the year, despite the impact of state, national and international factors that continued to hold down actual cash gifts.

Along with the pledge commitments, an important component of private commitments for the future is the more than $9 million the University added to its inventory of planned gifts and bequests. Bequests that were in probate as the fiscal year ended could total as much as $1.9 million. But there are still reasons for concern.

A continued decline in state funding makes the need for private giving even greater at the very time when annual giving is suffering the most.

The declining stock market affected cash giving and the fulfillment of existing pledges. Fiscal year 2003 gifts totaled $26.2 million for the year, down from $29.1 million the previous year. Gifts include cash, stocks and gifts-in-kind.

“We are focusing our development resources on major gift opportunities supporting the University’s road map to the top 20,” says Bouknight. “We are also working to assure that initiatives in the University’s colleges and divisions are supported.”
Will your estate include retirement plan assets?

Let us count the ways ... For your retirement savings to become the property of the government:

- estate tax
- federal income tax
- state income tax
- possible generation-skipping tax

The total tax bill could be as high as 65 percent to 75 percent!

Protection comes with planning; it comes with understanding well ahead of time that having “no plan” is a recipe for asset erosion. Many people expect the bulk of retirement savings to go to their heirs. The reality is that it may not.

Because of the high rate of taxation on retirement funds, these assets may be your best choice for making a gift to Clemson University.

Funds in a qualified retirement plan usually represent deferred compensation that is yet to be included in taxable income. Passing those undistributed assets to individual heirs at your death will subject them to both income and estate taxes, triggering the total effect of a marginal tax rate that is incredibly steep, even exceeding 75 percent in some cases.

How to preserve those assets

A good estate plan will include a valuable planning technique to minimize the impact of this “double” tax on retirement assets.

If you plan to make gifts both to charity and to individual beneficiaries at your death, you should consider funding the charitable gifts from your retirement assets.

After your lifetime, the undistributed balance in a retirement plan account will have to be distributed and taxed to your estate and to your heirs. By naming the Clemson University Foundation, which is tax-exempt, as the designated beneficiary, the deferred income in your qualified retirement plan account may never be taxed and you can ensure that 100 percent of your retirement-plan assets work to support your charitable objectives at a relatively small cost to your individual heirs.

How to donate a retirement account

To leave all or a portion of your retirement account to a charitable organization, such as the Clemson University Foundation, simply advise the plan administrator of your wish and sign the designated beneficiary form, which is required.

For an IRA or Keogh Plan that you administer personally, notify the custodian in writing and keep a copy of the signed designated beneficiary form with your valuable papers. If you are married, your surviving spouse is usually entitled by the plan requirement to receive the entire amount in certain qualified plans such as those mentioned above, except IRAs. Assuming other sources are available, your spouse may be willing to execute a written waiver. If you prefer to make your spouse primary beneficiary of your account, you can also name the charitable organization, such as the Clemson University Foundation, as a secondary beneficiary or a contingent beneficiary.

Perhaps you want your children to benefit from your retirement account too. In that case, designate a specific amount to be paid to the charitable organization before the division of the rest among your children.

You may also provide a life income from your retirement assets for a family member through a charitable trust.

Retirement assets may be the most heavily taxed in your estate, and a gift to the Clemson University Foundation from an IRA or retirement plan travels tax free.

Planning a gift to Clemson University and a provision for heirs

Which assets do you use? Look (right) at the comparison.

Most retirement plan assets (including Roth IRAs) in your estate will be subject to income tax when distributed — whether to you during retirement years or to your beneficiaries following your death.

<table>
<thead>
<tr>
<th>Retirement Fund</th>
<th>Tax on distribution assuming a 42% combined federal and state tax income bracket</th>
<th>Net distribution to heirs</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100,000</td>
<td>$42,000</td>
<td>$58,000</td>
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<table>
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<tr>
<th>Retirement Fund</th>
<th>Tax on distribution</th>
<th>Net distribution to charity</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100,000</td>
<td>0</td>
<td>$100,000</td>
</tr>
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</table>

If your estate exceeds a certain size, your remaining IRA and qualified retirement-plan assets will be subject to estate taxes. If estate taxes are due, the distribution to your heirs would also be subject to the applicable estate tax prior to distribution.

Decisions regarding your retirement assets are among the most important to be made. We urge you to consult with your advisers and feel free to call Clemson’s planned-giving specialist, JoVanna J. King at (864) 656-0663 or 1-800-699-9153 to discuss your estate planning options. (Or contact her by email at jovanna@clemson.edu.)

If you’ve already named the University or the Foundation as a designated beneficiary of a retirement account, please let us know. It would be our pleasure to induct you into the Clemson Legacy Society, an honorary circle of alumni and friends who have made a decision to follow Thomas Green Clemson’s example and secure Clemson’s future through their estate plan.
The newly renovated Littlejohn Coliseum is ready for a brand new year of Tiger basketball. The official season opens on Nov. 21 with the Lady Tigers going against USC and the men’s team going against Gardner-Webb.

In addition to basketball, the facility can host concerts, semipro sporting events, pageants, expos and trade shows, gala banquets, graduation ceremonies and other large events. For a Littlejohn Coliseum schedule, visit the Web at www.clemsonmajorevents.com.

Photo by Patrick Wright