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Cover photo: Tom Kurfess with students in CU-ICAR Climate Chamber Lab, by Patrick Wright
This page: John Limroth works on a Volvo “big rig” for a project on stability control of heavy trucks.
Excelling on a national level

Clemson welcomed students and faculty back to a changed campus this fall. Construction fences popped up over the summer as work began on new projects like the Class of 1956 Academic Success Center near Cooper Library and a new Life Sciences Building behind the Poole Agricultural Center.

These physical changes have an impact on traffic patterns and our transit system the CAT bus system. They also affect parking — everyday parking and football weekend parking. They have required a period of adjustment. Yes, at the same time, we know that these growing pains are also a sign of progress.

A lot of hard work and planning over the last few years is now paying off in new and improved facilities for Clemson. Along with student and faculty support, facilities still top the list of priorities in our plans for the future.

‘Striking improvements’

Clemson’s first academic plan, known as the “Road Map,” has helped us achieve many great things, including a No. 22 ranking among national public universities by U.S. News & World Report.

In its 2009 guide “America’s Best Colleges,” U.S. News also put Clemson in second place on a list of “Up and Coming” national universities. That list recognizes schools that have “recently made striking improvements or innovations,” schools that “everyone should be watching.”

What are the improvements? More Clemson students now graduate within four years. Student retention from the freshman-to-sophomore year rose from 88 to 90 percent. Graduation rates are up from 75 to 78 percent.

Also a plus: Alumni support, as measured by alumni giving, rose from 27 to 28.5 percent, a hugely significant increase considering the fact that we add more than 3,400 new alumni to the list each year.

Alumni giving is considered a measure of how satisfied graduates are with their college experience and with the value of the education they received. If alumni support were the only factor U.S. News measured, Clemson would be a top-4 public university!

You really did your part to help prove to the world the value of a Clemson degree.

And we plan to give our students a top-20 educational experience. To do that, we must re-invent the living/learning environment on the Clemson campus and make new facilities a top priority.

With the help of state investments in research infrastructure and private gifts, Clemson has been able to improve our facilities for research and graduate education in areas related to state economic development priorities. Development continues at the Clemson University International Center for Automotive Research, the Advanced Materials Center and the Restoration Institute.

Students and faculty tell us, however, that many of our basic academic facilities are simply out of date. Even our “smart classrooms” are not as smart as we need them to be for this generation of technologically savvy students.

Too many of our classrooms look just like they did when our current students’ grandparents were here in the 1950s.

Lee Hall, where I studied architecture, celebrates its 50th anniversary this year and is in desperate need of renovation and expansion. Long Hall is 70 years old, and Godfrey was completed in 1908, so it marks its centennial this year.

Many of the rest of our classroom buildings were built during the administration of R.C. Edwards, who retired as president 30 years ago. These include Earle, Kinard, Martin, Daniel, Rhodes, Jordan and Edwards halls.

Clemson has not had a state bond bill for basic educational facilities since 1999, before I became president.

We announced last summer that we would make an investment of at least $225 million over the next few years in new campus facilities and IT infrastructure. That work has begun, thanks to a combination of private gifts, internal reallocations and institutional bonding capacity, which affects tuition and fees.

As much as we appreciate the state’s support for research, we will ask our leaders also to remember the needs of students and faculty for classrooms and teaching labs — our need for state-of-the-art academic infrastructure.

This will be one of our priority messages as we meet with alumni, friends, supporters and state leaders this year.

We plan to give our students a top-20 educational experience. To do that, we must re-invent the living/learning environment on the Clemson campus and make new facilities a top priority.
Clemson rises in the rankings

Clemson is No. 2 among national public universities in the “up and coming” category as a college that has recently made striking improvements or innovations — a school everyone should be watching,” according to the magazine.

Clemson’s drive for top-20 status is motivated by what top-tier universities do for their state. Top-ranked universities give students a better education, attract more resources, drive economic development and advance a better quality of life for their state’s citizens.

New home for academic success

Clemson has broken ground for the Class of 1956 Academic Success Center behind the Cooper Library. The $137 million project includes construction of the building, site preparation, furnishings and landscaping. The center now operates on the third floor of the library.

The new building will provide additional space — 35,000 square feet and three floors — and will allow new and enhanced services. The center began in 2001 with several pilot programs to boost student learning and academic success. In a few short years it earned the Tutoring Program of Excellence award.

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‘Growth with Focus’

In its front-page feature — “Clemson University Balances Growth with Focus” — The Chronicle of Higher Education (July 25) praises the University as a public institution that “nurtures strengths” while avoiding “trendy new programs.” Or as President Barker says, “It explains how Clemson plans to be the best we can be by concentrating on what we do best, and by not trying to be all things to all people.” For the complete article, go to chronicle.com/week/v54/i46/46a00102.htm.

‘Real-time’ digital watershed

The U.S. Environmental Protection Agency has recognized the University as a Center of Excellence for Watershed Management. The Clemson center is only the third in the Southeast and the first in the nation that focuses on using remotely sensed monitoring data, enabling scientists to collect and analyze information through this type of data network. One of the major projects being developed by the Clemson center is the cyber-infrastructure-based digital watershed.

“Having real-time data to monitor environmental characteristics — water quality, storm-water runoff, even tree growth — from any Internet access point can improve watershed management,” says Gene Eidson, director of Clemson University Restoration Institute’s ecology program. For more on the Restoration Institute, go to www.clemson.edu/restoration/ecology/.
Renewing teachers

DURINg THE SUMMER, 19 PUBLIC SCHOOL EDUCATORS FROM ACROSS THE STATE hiked through Upstate forestland. Their experience is helping shape a program expected to impact thousands of their education colleagues over the next decade.

They were participants in the inaugural seminar of the S.C. Teacher Renewal Center, a partnership initiative of the University and the S.C. Department of Education: In March, The Cliffs Communities and the company’s founder and CEO Jim Anthony announced a gift of more than 350 acres of prime Upstate forestland and $10 million cash for development of the S.C. Teacher renewal Center. The program is coordinated through Clemson’s Youth Learning Institute.

Clemson’s youth learning Institute.

Clemson business, a world player

Clemson’s College of Business and Behavioral Science has joined an exclusive community of business schools and executive education centers worldwide that will help business students broaden global horizons and increase networking opportunities and study experiences abroad.

The college’s business programs received membership in the European Foundation for Management Development (EFMD) in Brussels, Belgium. This is the initial step in seeking European Quality Improvement System (EQUIS) accreditation from EFMD.

“Clemson has already developed an excellent global reputation,” says Claude Lilly, dean of the college. “Joining EFMD and seeking EQUIS accreditation is another step in growing that recognition.”

Woody energy

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ery year, four million tons of green energy go unused in the Upstate. Now, government and private energy leaders—along with Clemson University Extension forestry researchers, have formed the Western Piedmont Woody Biomass Marketing Committee to help communities in 11 Upstate counties find ways to use woody biomass as fuel.

The USDA describes woody biomass as small diameter trees and underbrush, the residues of the logging and forest products industries and urban wood waste. All make excellent biomass fuels and can be used in a wide variety of biomass technologies.

Potential customers are community colleges, prisons, other public facilities and additional medium-scale energy users because they have the capacity to store the wood chips. And, their heating and cooling systems incorporate the appropriate emissions controls to protect air quality. For more information, contact George Kessler at (864) 656-4836 or gkessler@clemson.edu.

Changing the landscape

SOCIOLoGY STUDENT NIKKI DOOD EARNED AN INTERNATIONAL award — Rachel Tanur Award in Visual Sociology — during her work to help establish Landscapes for Learning-Dominica.

Dod’s winning entries centered on two problems that children in some countries face at a relatively young age: food insecurity and the threat of AIDS.

She developed her project through the Creative Inquiry course People-Plants-Environment Linkages and was supported by Clemson’s Creative Inquiry program along with the University’s Service Alliance International Service Learning Initiative at the Archbold Tropical Research and Education Center, Dominica, West Indies.

Paws light up printable electronics

Clemson’s glowing work in the field of printable electronics made the cover of the Journal of Materials Chemistry (September 15) and is included in several other leading publications in the field.

“Glowing light the way to printable electronics” highlights the growing collaborative effort of Clemson’s Center for Optical Materials Science and Engineering Technologies (COMSET) and Sonoco Institute of Packaging Design and Graphics. Researchers are working to create low-cost, high-volume colored electronic products.

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The Clemson team, led by Stephen Foulger, has developed color and light-emitting colloidal ink, using different ratios of the particles to make organic light-emitting devices in a wide range of colors.

Foulger says the particles could be used to make colored electronic displays for car dashboards, for example, and that this combination of low-cost starting materials and high-volume printing will mean cheaper products. For more on this research and COMSET, go to comset.clemson.edu.

World-class rowers

Five Clemson rowers and their coach Richard Ruggieri participated in the World Rowing Under 21 Championships in Brandenburg, Germany, during the summer. Clemson rower Suzanne Van Fleet competed with the U.S. Women’s 4- crew and brought home the gold. The Women’s 4- crew, all Clemson rowers and coached by Ruggieri, also did great, finishing fourth in the world.

Concrete Canoe in national top 10

The Clemson Concrete Canoe team paddled into seventh place at this year’s 21st annual American Society of Civil Engineers’ Concrete Canoe Competition in Montreal, Canada.

Students Nikki Dodd with schoolchildren in Grand Fond, Dominica.

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Nano shock absorbers

AS ELECTRONIC DEVICES GET SMALLER AND MORE COMPLEX, SOME GET MORE FRAGILE — AND EASY TO DROP — LIKE CELL PHONES.

A team of Clemson researchers, led by physics professor Apparao Rao, has invented a way to make beds of tiny, shock-absorbing carbon springs that may be used to protect delicate objects from damaging impacts. With collaborators at the University of California at San Diego, the team has shown that layers of these tiny springs called coiled carbon nanotubes, each a thousand times smaller than a human hair, can act as extremely resilient shock absorbers.

The group also envisions coiled nanotubes in soldiers’ body armor, car bumpers and even as cushioning elements in shoe soles. The team’s method produces coiled nanotubes quickly in high yield, and it can be readily scaled up to industrial levels.

For more information, go to www.clemson.edu/~arao.
At every Clemson Homecoming, you see them on Bowman Field. In the midst of fantastic orange and purple scenes with giant Tigers tromping on opposing mascots — students in hard hats and safety goggles work on a different type of display. They hammer their own tribute to the Clemson spirit — a sturdy house for a local family who needs it.

These students are from the University's Habitat for Humanity Chapter, and the solid structure you see rising from footings during Homecoming week is just the tip of their work. And their accomplishments.

No wonder Habitat for Humanity International recently named Clemson's chapter the national Campus Chapter of the Year.

Clemson ‘doers’

Chapter members plan all year for this and several other builds. They study design concepts, develop and choose blueprints, solicit funds and building materials. They collaborate with city and county officials, survey sites and draw landscaping plans. They conduct education programs for future and current Habitat families. They create work schedules and organize volunteers.

And in the Habitat process, they apply what they’re learning in the classroom to what they can do in the community.

“Clemson students are doers,” says Chris Heavner, Lutheran campus minister and chapter adviser extraordinaire. “Once they are passionate about a worthwhile cause, they do what it takes to accomplish their goal.”

Since the Habitat chapter formed in 1994, students and volunteers have erected 27 houses — 24 for families in the surrounding communities and three during Maymester trips to Africa.

Heavner is quick to point out that “doers” includes the vital Pickens County Habitat for Humanity affiliate and a wealth of Clemson faculty who have seen how the student chapter can teach students and serve the community at the same time.

The ‘Humanity’ part

Unique partnerships not only help get the job done, they also help change people’s perceptions of how they can make a difference, now and in the future.

• The annual Homecoming build brings together the Clemson community to put the “home” in the campus celebration. Their fall construction has created homeownership, and the pride and responsibility that go along with it, for 16 families.

• Each spring the chapter hosts students from other colleges and universities to work on a project. Empowered participants take ideas back to their own campuses and communities.

• In 2001, Clemson students completed the nation’s first Blitz Build, engaging participants from across the country to construct five Habitat Houses in record time and inspiring other universities to activate their own chapters.

• In 2003, the chapter built the first Youth United home in partnership with D.W. Daniel High School. And the next year, they helped with the Easley High Senior Class Habitat build.

• In 2004, a grant from Thrivent Financial made possible the construction of three of the student houses. The grant was for Leadership Development, in particular allowing Clemson students to develop leadership in S.C. high school youth.

• As that house was being built, those working with the high schoolers raised enough money to build three houses in Tanzania. Clemson students working on the project, joined by others, traveled to Tanzania in 2006 to build two houses. They returned in 2007 to build another one.

• The Clemson chapter — through the construction science and management department — partners with YouthBuild, a local building program for high school students encouraged to complete their GED and develop employable skills. Since the fall of 2006, YouthBuild trainers have worked on five homes.

• In 2007, the chapter built the first student-led Martin Luther King, Jr. Dream House as part of the University’s MLK Day of Service celebration.

• Last year, the chapter sponsored a design contest with Clemson’s Emerging Green Builders as a service-learning project for architecture, landscape architecture, and construction science and management students. As a result, they’ve just completed what will be — upon certification — the first LEED Habitat House in the state.

Engaged learning

“Most college students recognize the terrific advantage of higher education for their own good,” says Heavner. “At Clemson, they know, or soon come to realize, they have a responsibility to apply what they’re learning for greater good. Service organizations such as Habitat for Humanity give them the opportunity.”

The city of Clemson — working with the Pickens County Habitat for Humanity — supports student efforts, both in volunteers and in financial assistance. Not only is it the right thing to do, it makes good business sense. Every new Habitat House process upgrades the community, puts dollars back into the county and drastically improves the new homeowners’ quality of life.

Provost Dan Helms says, “Teaming intellectual development with economic development — learning with doing — shapes Clemson students into global citizens.”

“Our campus chapter of Habitat for Humanity shows what amazing results students can accomplish when faculty and staff are their mentors and communities are their classrooms. This is engaged learning at its best.”

For more on Clemson’s Habitat for Humanity chapter, go to www.clemson.edu/~habitat. For its Pickens County affiliate, go to www.pickenshabitat.org/home.htm.

Education that creates “doers” as well as “thinkers” deepens the Clemson degree.
Clemson has a vital category of students that numbers well over 1,000. In fact, one in four new students this year will join their ranks. You, too, may have counted yourself among them when you were on campus.

Approximately 85 percent are from South Carolina.

“The driving force of the program is accessibility,” says Sue Whorton, Bridge to Clemson director. “We’re committed to serving the students in the state and making a Clemson education possible to more individuals who have a strong potential for success. And we want to make their transfer to Clemson seamless.”

The program began in 2006 with 231 students. This year, it has around 310 students, and plans are to accommodate 450 by next academic year.

Twice the experience

Bridge freshmen complete core classes for their majors — 30 hours — at Tri-County. Clemson advisers guide their matriculation while Clemson and Tri-County faculty collaborate on course content. Student affairs specialists from both schools make sure students have access to the opportunities and services their other students do.

For example, at Clemson, Bridge students can use the libraries and Michigan Career Center, join Tiger Band, get football tickets, purchase meal tickets, work out at Fike Recreation Center, go to Reddell Health Center and more.

But the real advantage is the academic attention they receive — through a close collaboration between the two schools.

“We at Tri-County are delighted with the partnership we have formed with Clemson to offer the Bridge program to students,” says academic liaison Robin McFall, who also holds two Clemson degrees. “We provide the students a quality, first-year experience so that they are fully prepared to enter their chosen program of study at Clemson.”

Crossing over

Bridge students develop a deep sense of camaraderie that carries on to Clemson. It comes from living together in a location convenient to both campuses, sharing classes and outside curricular events, and, of course, socializing.

Secondary education-English major Caitlin Bellinger not only enjoyed her 2006-07 Bridge year, she helped make it richer for her classmates by working with the Bridge Student Association for special events. In fact, she remained an ambassador for the program after she entered Clemson.

As for ease of transition, history major Wallace Cobb, also a 2006-07 Bridge student, says, “It’s the best way to prepare for and experience Clemson without being officially enrolled. When I did enter Clemson, I felt like it was my second year instead of being new on campus.”

Positive experiences like these not only have empowered Bridge students, they’ve convinced Bridge parents as well.

“At first, some parents were disappointed that their son or daughter wasn’t starting out as a Clemson freshman,” says Whorton. “But the Bridge to Clemson program has been such a success that I now frequently hear — “It’s the best thing that could have happened.””

Clemson’s Class of 1963 members have been so impressed with the program that they’ve selected it as their Golden Anniversary class project. These alumni are working to provide $2.5 million by 2013 to enhance and permanently support the Bridge program and to designate it with their class name.

As one 1963 alumnus says of the class project, “No one will see a Class of 1963 plaque when they visit campus. Instead, there will be thousands of students who will always know that ‘I am a Tiger’ because of the help received from our class.”

For more information about the Bridge to Clemson program, go to www.clemson.edu/prospectivestudents/transfer. For admission information, go to www.clemson.edu/studentaffairs/nssp.
NEW at Brookstone Meadows!
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The Cottages at Brookstone Meadows is comprised of 41 individual lots and 6 floor plans to choose from. These 3 and 4 bedroom floor plans range from 1,400 - 3,200 square feet and feature:

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CU-ICAR is accelerating the state’s knowledge-based economy.

by Sandy Woodward

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- Private gated community
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- 30 minutes from Greenville
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Ask about our lease purchase and 100% financing options.
What was a dream is now a thriving reality. What was a vision is now a one-of-a-kind research campus where Clemson University and its partners are delivering on its vision to be the premier automotive and motorsports research and education facility in the world.

Public and private investment totals more than $213 million. Four endowed chairs, experts in their academic areas, lead a unique systems-integration-focused graduate program in automotive engineering with more than 50 students from the United States and around the world pursuing master’s and doctoral degrees.

Not bad for five years.

When ground was broken for the Clemson University International Center for Automotive Research (CU-ICAR) campus in November 2003, the center consisted of an idea, a group of committed individuals and 250 acres of South Carolina red clay.

Today the first phase of CU-ICAR, Technology Neighborhood One, is nearing completion with the recent occupancy of the Carroll A. Campbell Jr. Graduate Engineering Center, the academic anchor of the campus.
From red to green

- **Carroll A. Campbell Jr. Graduate Engineering Center** is a 90,000-square-foot research and education facility that features state-of-the-art industrial-scale research laboratories and testing equipment valued at more than $10 million.

- **BMW Information Technology Research Center** houses approximately 150 BMW employees.

- **Collaboration 3** houses the Timken Co. and the Clemson University Computational Center for Mobility Systems.

  The first of three buildings developed by The Furman Co. for lease by CU-ICAR partners, Collaboration 3 set the CU-ICAR environmental sensitivity standard by garnering the U.S. Green Building Council Gold-level certification for core and shell construction. It’s the first LEED Gold certification in the City of Greenville, first LEED-certified building at CU-ICAR and the second LEED certification in Greenville County.

- **CU-ICAR Partnership Office** — home to the CU-ICAR executive, marketing and business functions — also houses the Carolina First Gallery, the St. Francis VRUM Fitness Center for all CU-ICAR campus residents, offices of SAE International and other partners.

### Upping the state’s economy

Investment in CU-ICAR by public and private partners targets two critical components to the knowledge economy that will move South Carolina forward: research and economic development.

**New knowledge** generated by faculty and student researchers is applied to the needs of new and emerging industries, improving products and processes, adding jobs and benefiting society.

CU-ICAR’s research emphasis is systems integration focusing on the technical interaction of the various complex systems that make up today’s automobile.

### Added value

Over the past year, the following have added value to CU-ICAR’s research and economic development initiatives.

**New partners:**
- Mazda
- INTEC US software
- Ozen Engineering and its software consortium partners, CADFEM GmbH of Munich, Germany, and EnginSoft, SpA, of Trento, Italy

**New research equipment:**
- $1.5 million investment by Okuma America Corp. and Morris South provided state-of-the-art machine tool equipment and training for faculty and students to the impressive facilities of the Carroll A. Campbell Jr. Graduate Engineering Center.

**New faculty and students:**
- Paul Venhovens, a leader in the field of automotive systems integration, is the BMW Endowed Chair in Systems Integration.
- Rob Prucka complements the design and development faculty team with his focus on engine management.
- Thirty new students recruited to the program from the United States and around the world bring the current enrollment to 56.

For more information, visit the newly updated Web site at www.cuicar.com.
For a long time, Tom Chapman felt like a lot of college graduates. After graduating from Clemson, he played professional baseball for the Philadelphia Phillies, served his country in Vietnam and went on to reach his professional pinnacle as chairman and CEO of Equifax Inc. While he was blessed by his total Clemson experience, he no longer felt a close relationship with his university.

Upon learning of Chapman’s plans to retire from Equifax in December 2005, Clemson President Jim Barker and others visited him in Atlanta to determine his interest in becoming reengaged with Clemson and in helping to shape the lives of its students and further the goals of the University. Throughout almost a year of reintroductions, Chapman met with several University administrators, among them, Athletic Director Terry Don Phillips, Provost Dori Helms, College of Business and Behavioral Science Dean Claude Lilly and baseball coach Jack Leggett. He also joined the Clemson University Foundation board.

Chapman, President Barker and the development team spent a great deal of time exploring “One Clemson” and the objective to reach “top-20” status. Through these educational sessions, Chapman eventually focused on two areas he felt his contribution could best impact: athletics (specifically baseball) and the creation of a unique leadership scholarship program in the College of Business and Behavioral Science resulting in a total gift to Clemson of $2 million. The first $1 million gift is to the Clemson baseball program and will create the Thomas F. Chapman Grandstand, in honor of his past contribution as a two-time All-ACC pitcher. With this gift, 1,000 new seats will be constructed, with 500 of them being designated for students only. “Building new seats specifically for students while significantly enhancing the baseball facility were important facets of this gift,” says Chapman. As a former student athlete, Chapman received an IPTAY scholarship that funded his Clemson education. “I believe in giving back,” Chapman says.

Thomas F. Chapman ’65 and C. Tycho Howle ’71 have a lot in common. Both are graduates of Clemson University as well as the Harvard Business School; both became successful international business leaders; both live and thrive in Atlanta; and both enjoy making a difference in the lives of others through generous philanthropic initiatives.

These alumni also agreed to serve on a committee that “brings Clemson closer to Atlanta,” helping alumni connect or reconnect with Clemson. Together, they worked behind the scenes to ensure that the state of Georgia has a Clemson license tag available to drivers. And they individually committed significant gifts that will forever change the educational experience at Clemson.

Mission Leadership: Thomas F. Chapman ’65

For a long time, Tom Chapman felt like a lot of college graduates. After graduating from Clemson, he played professional baseball for the Philadelphia Phillies, served his country in Vietnam and went on to reach his professional pinnacle as chairman and CEO of Equifax Inc. While he was blessed by his total Clemson experience, he no longer felt a close relationship with his university. Upon learning of Chapman’s plans to retire from Equifax in December 2005, Clemson President Jim Barker and others visited him in Atlanta to determine his interest in becoming reengaged with Clemson and in helping to shape the lives of its students and further the goals of the University. Throughout almost a year of reintroductions, Chapman met with several University administrators, among them, Athletic Director Terry Don Phillips, Provost Dori Helms, College of Business and Behavioral Science Dean Claude Lilly and baseball coach Jack Leggett. He also joined the Clemson University Foundation board. Chapman, President Barker and the development team spent a great deal of time exploring “One Clemson” and the objective to reach “top-20” status. Through these educational sessions, Chapman eventually focused on two areas he felt his contribution could best impact: athletics (specifically baseball) and the creation of a unique leadership scholarship program in the College of Business and Behavioral Science resulting in a total gift to Clemson of $2 million. The first $1 million gift is to the Clemson baseball program and will create the Thomas F. Chapman Grandstand, in honor of his past contribution as a two-time All-ACC pitcher. With this gift, 1,000 new seats will be constructed, with 500 of them being designated for students only. “Building new seats specifically for students while significantly enhancing the baseball facility were important facets of this gift,” says Chapman. As a former student athlete, Chapman received an IPTAY scholarship that funded his Clemson education. “I believe in giving back,” Chapman says.

Vision for Philanthropy: C. Tycho Howle ’71, M ’73 and family

Tycho Howle has always had a penchant for rising to the top. The first in his family of eight to go to college, he has long believed in a quality education. Today, this belief informs his philanthropic decisions, including his recent gift of $2.5 million to the University. After graduating from Clemson with a degree in physics, Howle attained a master’s degree in systems engineering. He then attended the Harvard Business School, where he earned an MBA. Next, Howle worked for a major management consulting firm. After early successes, he began to give back to the University, which he credits with teaching him “how to be an adult.” He gave some of his company’s stock each year to Clemson and to the Harvard Business School.

“Many who are leaders in their fields can directly attribute their success to their college experiences. It’s their responsibility to invest in the future generations of graduates,” Howle says.

Howle’s relationship with Clemson has continued far beyond his college degrees. He has served on the board of directors and as chairman of the finance committee of the Clemson University Foundation. He was inducted into the Thomas Green Clemson Academy of Engineers and Scientists last year for outstanding career success, contributions to community and notable contributions to engineering and science. A number of other Clemson entities have benefited from his generosity: the Class of 1956 Endowment, Call Me MISTER®, the Clemson Outdoor Lab, the Nursing Alumni Endowed Scholarship and the ECE Industrial Graduate Fellowships, among others. In 2004, Howle wanted to help increase young alumni giving to the University. The Howle family established a $250,000 program that matched young alumni gifts dollar-for-dollar. “We really wanted to get these young alumni into the habit of giving back,” he says. “If you begin early after graduation, the tendency to continue giving is greater.”

continued on page 22
C. Tycho Howle

Howle describes himself as a “serial entrepreneur,” having now started more than a half dozen businesses. His goal throughout his career has been to combine business success with values-based leadership. He founded one of the Southeast’s most successful IT companies and several spinoffs in the 1980s, then in 2001 started nuBridges LLC, a leading provider of software and managed services that protect sensitive data and enable digital information exchange. Under Howle’s leadership, nuBridges has become an international leader in computing solutions. Howle recently announced Paul Olsen as president and CEO of nuBridges LLC, turning over the daily operations so he could dedicate more time to his philanthropic, community and industry interests.

Determined not to internalize their successes and instead to share them with others, the Howle family formed the C. Tycho and Marie Howle Foundation, which has made more than 450 grants to support education, health care, the homeless and the arts. The Howle family sets aside a portion of their income for the foundation each year, enabling the family to aggressively distribute it to people and organizations that need it the most.

“We helped to start the Atlanta Girls’ School and are strong supporters of both KIPP Schools and Teach for America. Some years ago, we established a matching program for the Atlanta Union Mission (an organization that helps the homeless and people suffering from addiction),” says Howle.

Most recently, the Howle family invested in Clemson University to establish two endowed chairs that will benefit computing research. The first chair is the hf (Howle family) Flagship Director of the School of Computing, and the second is the hf Flagship Chair in Human Centered Computing within the electrical and computer engineering department.

These two chairs will recruit the best researchers and scholars to Clemson to lead the computer technology programs that will enhance the educational, research and learning experiences for students. “I want to make sure we take our strong computing and technology programs and make them great,” says Howle. “This area is one in which Clemson is now uniquely qualified to excel and perhaps lead the nation.”

Howle reflects upon his time at Clemson as being transformational, teaching him the values of hard work, good citizenship, character and integrity — those that have provided the bedrock for his business success. He also made some lifelong friends while here.

“We just got back from a trip to Telluride with two of my college roommates,” says Howle. “The relationships I formed while at Clemson are some of the most important ones in my life.”

Thomas F. Chapman

paying back what is given to you. My scholarship provided me an outstanding college experience and a future career in professional baseball upon graduation, as well as a quality education,” he says.

Chapman’s $1 million gift to the College of Business and Behavioral Science has established a new initiative near and dear to Chapman’s heart: leadership. The Thomas F. Chapman Leadership Scholars Program will identify students who show leadership potential and will nurture these qualities in them throughout their Clemson career. The program is, in part, based upon a leadership theme developed by Chapman that uses the analogy of The Wizard of Oz characters — the scarecrow, lion and tin man — to communicate the traits of leadership. “Good leaders require reasonable intellect, an abundance of courage and equal portions of heart,” says Chapman.

Chapman Leadership Scholars will receive incrementally increasing scholarship dollars as they advance each year at Clemson and clearly exhibit their leadership potential. The first year, in which students will receive $1,000, will focus on developing intellect and defining leadership capabilities. In the second year, students will receive $2,000 and learn about courage — the ethics, behavior and styles of leaders. During the third year, scholars will receive $3,000 and focus on heart by leading efforts to serve others in their communities. Chapman Leadership Scholars will benefit from $6,000 over a three-year period while preparing themselves to be better leaders in their future endeavors.

Beginning in March 2009, the Chapman Leadership Scholars Program will provide approximately 170 Clemson students the opportunity to be enlightened in the skills of leadership and better enabled to make a difference in our world. It’s anticipated that Chapman’s gift will provide Clemson students this special opportunity program through the 2025 school year.

Chapman’s philanthropic works are not limited to higher education. After his beloved wife, Jane, passed away from cancer, Chapman felt a need to give back, to “show my love for the people who cared for and loved my wife and family through her long battle.” Together, Chapman and Piedmont Hospital in Atlanta outlined several ways he could be involved in improving the patient care experience for other cancer patients.

With his support, a new nursing lounge was constructed, a nurses education initiative was developed to encourage oncology nurses to attain greater levels of skill and certification, and a new position was created: the patient navigator, whose sole purpose is to do anything and everything to better care for the patient and his/her family during the treatment phase. Today, hundreds of cancer patients have been assisted and oncology nursing care at Piedmont Hospital has been enhanced.

Additionally, Chapman established an Oncology Action Fund, which provides physicians and staff resources for priorities with the greatest impact. Since establishing this fund, many other grateful patients have also added to this fund through their own gifts. Chapman is committed more than ever to his alma mater and feels he truly is a member of the Clemson family. He says, “President Jim Barker and his team are doing an exceptional job in leading Clemson to unprecedented heights! I am very proud of my Clemson heritage and am honored to invest in its future.”
Louise Odom, from Red Springs, N.C., met a Clemson gentleman named Robert Cook “R.C.” Edwards in 1934 when he moved to her hometown to accept a position with a textile plant. They were married May 30, 1935.

Twenty-one years later, in 1956, the Edwards family moved to Clemson when R.C. became Clemson’s first vice president for development. When he was later named the eighth president of Clemson College in 1959, Louise stood by his side and began her legendary stint as Clemson’s longest serving First Lady.

The Edwards served the University during a time of phenomenal growth and monumental events that shaped the future of the institution, such as the graduation of Clemson’s first female students and the enrollment of its first black students.

A large part of what made Louise Edwards so special to Clemson was her relationship with the students. Each week she could be found cooking for or entertaining some organization on campus or in the community. Freshmen not yet privy to her welcoming and unaffected manner were often ordered to learn about her cordiality “the hard way.” They would be sent at all hours to the front door of the President’s Home with the dire hope of procuring some mandatory initiation item from the First Lady.

One such time a young man asked her if he could have her autograph. She gladly took his pen, while asking, “How do you want me to sign this: ‘Mrs. R.C. Edwards’ or just ‘Louise Edwards’?”

The student, looking sheepishly at his feet replied, “Neither one, ma’am.” And then, mustering that special Tiger courage, he whispered, “Can you please just sign it ‘Moon Pie’?”

Giggling as she autographed the paper with a flourish, she asked the boy, “Did you think I didn’t know that y’all call me that? of course I knew that!”

She was affectionately known as “Moon Pie” by students and alumni, a reference to the popular Southern snack cake said to be the perfect complement to “RC Cola” and thus to R.C. Edwards.

Louise Edwards was a strong presence in the community as well as on campus. She was a longtime member of the Clemson United Methodist Church, the Clemson Garden Club and the Clemson University Woman’s Club.

She was a devoted mother to her children, Nancy (Mrs. William J. Reid Jr.) and Bob (Robert Cook Edwards Jr., deceased). As grandchildren and great-grandchildren were added to the family, her love was multiplied. Nine members of the Edwards family have Clemson degrees, and another will be added next spring. Her family and the Clemson family were blessed for four generations with her gentle and giving spirit.

After President Edwards’ retirement in 1979, they moved to their home on Wyatt Ave. and continued to participate in University activities and to support student athletes in competition. When they were no longer able to attend games, they never missed watching the Tigers on TV.

Citing “unsselfish service to Clemson and outstanding contributions to student life,” Tiger Brotherhood honored her as Mother of the Year in 1978.

Her 80th birthday in 1996 turned out to be a University, community, county and even state celebration including the Clemson University Woman’s Club, IPTAY, the city of Clemson, the Pickens County legislative delegation, and then-S.C. Gov. David Beasley and the General Assembly.

Louise “Moon Pie” Edwards passed away during the summer of 2008. But her memory is close by, as she rests on Cemetery Hill with other great individuals who’ve helped define the Clemson family.
Lifelong Connections  With Your Alumni Association

Scroll of Honor Memorial

In 1942, Clemson Memorial Stadium was named to honor alumni and students who made the ultimate sacrifice. Now, more than six decades later, their names — and the names of those who’ve since died in service to our country — will become a visible part of our campus.

In September, the Clemson Corps broke ground for the Scroll of Honor Memorial adjacent to the East Gate of the football stadium. The memorial is made possible by a $475,000 commitment from the Class of 1959, the Clemson Corps, the Athletic Department and the Alumni Association, as well as donations from family and friends.

For more about the memorial or to contribute, visit the Web site at www.clemson.edu/alumni/scroll/honor.html, or contact Amy Craft (864) 656-1240; Hap Carr (864) 654-6611; hjpcarr@bellsouth.net; or Danny Rhodes (864) 985-1590, rdodanny@bellsouth.net.

Volunteer of the Year

The Alumni Association’s 2008 Volunteer of the Year — Jessie Richardson Hood ’94 — is one busy lady. She’s a health policy analyst at the Centers for Disease Control and Prevention, a postgraduate student, a wife and mom, and an extraordinary Clemson volunteer.

A biological sciences graduate, Hood also holds a master of public health degree from Morehead School of Medicine and is pursuing a doctor of science degree at the Harvard School of Public Health.

For Clemson, she’s the current national chairwoman of the Women’s Alumni Council, a member of the Alumni Association Board of Directors and a member of the nomination committee for the Clemson University Black Alumni Council (CBAC).

She’s also served as CBAC president and Alumni National Council representative.

She lives with her husband, Joe ’98 (who’s on the Alumni Council), and son, J. Ellis, in Atlanta, Ga.

Calling Clemson nurses

Save the date — April 4, 2009 — for Nursing Alumni Day and a business meeting of Clemson Alumni Nursing. For more information, go to www.clemson.edu/health nursing.

FREE email forwarding

Take advantage of your Alumni Association’s free email forwarding service. You’ll get an easy-to-remember address — your.name@alumni.clemson.edu — that will stay the same even as your other email addresses change.

For fast and simple registration, go to www.clemson.edu/alumni.

Reunion 2009

Mark your calendar for Alumni Reunion Weekend 2009 — June 11-13 — to celebrate the golden anniversary of the Class of 1959 and other reunioning classes. For more information, contact Megan McDow at (864) 656-2345.

Travel adventures

Make your plans and pack your bags for PASSPoRT Travel adventures. Upcoming trips include Legends of the Nile, China and Ancient Wonders of the Mediterranean. Fjords, Scandinavia, Great Journey through Europe, Alaska, and the Yangtze River, a cruise of the Baltic Sea and Norwegian adventures. Upcoming trips include Legends of the Nile, China and Ancient Wonders of the Mediterranean.

CareerShift for job seekers

The Alumni Association’s new CareerShift offers you a comprehensive online resource with an easy-to-use Web site to conduct and organize your job search. You can:

• Search and store jobs from all the major job boards, company Web sites, newspapers and anywhere else a job is posted on the Internet.

• Get inside contact information immediately, including email addresses for millions of companies, even alumni, then save and manage your lists.

• Create as many targeted résumés and cover letters as needed or upload your current documents.

• Automatically create unlimited email campaigns with your saved contacts, résumés and cover letters.

• Access your confidential account from anywhere, 24/7.

To sign up, go to clemson.careershift.com.

Have an idea to reconnect?

Have an idea for a special interest group of Clemson people? We want to hear from you. We work hard to promote awareness of alumni special interest groups — for example, Semper Fi Society for Marines, Tiger Band Alumni, Young Alumni Council, Women’s Alumni Council, Clemson University Real Estate Association and many others.

Because alumni have a variety of ways that they remember and celebrate their time at Clemson, the possibility for other groups is almost unlimited.

Please let us know about a Clemson special interest group you would like to form. We can help organize, plan events and get in touch with classmates. For more information, Contact Elizabeth Milhous at (864) 656-2345 or email milhou3@clemson.edu.

CBBS in NY

A series of College Business and Behavioral Science (CBBS) receptions and luncheons reconnected alumni with Clemson and with current students. Pictured in New York are Steve and Kathy Dillon Goldstein, CBBS Dean Claude Lilly, Art and Joan Spira (benefactors of the Spiro Institute for Entrepreneurial Leadership), LaBruce Bogdan and Brianna “Bree” Moore.

Tiger Band Alumni

Tiger Band Alumni still march for Clemson and work hard to raise funds for current band students through the Clemson University Tiger Band Association (CUTBA).

Their latest effort is through the Web site — www.clemsonTigerbandgear.com — where they sell cool Tiger Band gear. Their apparel can be purchased with the Tiger Band logo, the Tiger Band Parent logo or the CUTBA logo. Proceeds help fund the Tiger Band Alumni CUTBA Scholarship Endowment.

For more about CUTBA and Tiger Band Alumni, go to www.clemson.edu/CUTBA.

Baltimore/Washington, D.C.

More than 100 Tigers in the Clemson Club of Baltimore/Washington, D.C., gathered for the annual summer Pig Pickin’ at the home of Patsy ’80 and John ’80 DuPre.

Women’s Alumni Council

More than 100 alumnae gathered for the Women’s Alumni Council’s 75th anniversary celebration in April. The event, held at the home of Jodie ’60 and Sam ’67 Bice, included a brunch and a business meeting of Clemson Alumni Nursing. For more information, contact Amy Craft at (864) 656-1240; Hap Carr at (864) 654-6611; hjpcarr@bellsouth.net; or contact Amy Craft (864) 656-1240; Hap Carr (864) 654-6611; hjpcarr@bellsouth.net.

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The new Alumni Board of Directors will carry out the managerial and oversight responsibilities that are the core work of most boards: approving our annual budget, creating policy, monitoring the progress of our strategic plan and similar assignments.

The 2008-09 board includes:
- Leslie D. Callison ’81, president
  Lexington, lescl59@aol.com
- James A. “Jimmy” Kimbell III ’87, president-elect
  Anderson, jimmy.kimbell@bankanderson.com
- E. Grant Burns ’88, past president
  Greer, grant.burns@alumni.clemson.edu
- James “Jimmy” Adderlon 88, Clemson University Foundation
  Atlanta, Ga., james.adderton@oswaltanderson.com
- James Buskie ’90, PhD ’92, IPTAY
  Atlanta, Ga., buskie_j@bucom.net
- B. Lindsey Clark ’92
  Orlando, Fla., blindseyclark@hotmail.com
- W. Paul Craven ’87
  Greer, paulc@grandsouth.com
- L. Taylor Garick III ’94
  Orangeburg, tgarick@sc.rr.com
- Rick Griffin
  Beaufort, rickgriffin@islc.net
- J. Les Heath Jr. ’74
  Kingsport, Tenn., les.heatt@wachoviasamc.com
- Alex “Bud” Hicklin III ’85
  Clemson, ohicklin@alumni.clemson.edu
- Jesse R. Hood ’94
  Atlanta, Ga., jessierichardson@alumni.clemson.edu
- Ann W. Hunter ’80, M ’82
  Greenwood, ann.hunter@alumni.clemson.edu
- Satch Krause ’72
  Columbia, skaart@riverbanks.org
- Allen Martin ’69
  Vienna, Va., amartin@livingstongrouppc.com
- Mike Maxwell ’67, M ’68
  Atlanta, Ga., mjmaxwell@alma.com
- Stephen S. McCrorey ’66
  Rock Hill, anmccrorey@scottstringfellow.com
- R. Kelly Molony ’83
  Charleston, kelly@creditadjustment.com
- Curtis H. Plyler ’93
  Raleigh, N.C., cplyler@nc.rr.com
- Greg Younghans ’93
  Camden, gyounghans@coastal.com

Ex-Officio members include:
- J.J. Britton ’58, Clemson Board of Trustees
  Sumter
- Wil Brasington ’92, Alumni Relations senior director
  Clemson, wdb@clemson.edu
- Brian J. O’Rourke ’83, M ’85, Development and Alumni Relations
executive director
  Clemson, oorourke@clemson.edu

Meet the new Clemson Alumni Association Board of Directors

New Alumni Council

Our new Alumni Council members come from across campus and across the country. They’ll provide leadership, ideas, input and good will to help the Alumni Association serve, involve and inform alumni and advance interests of the University.

The council includes Clemson Club and other alumni special interest group presidents; undergraduate and graduate student presidents; representatives from each graduating class, academic college, the Board of Visitors, Foundation Board and Board of Trustees; past presidents of the Alumni Association; the University president and the vice president of Advancement; and the Alumni Association executive director, senior director and the Alumni Board.

Go Orange!

Alumni Association president Leslie Callison ’81, and her family — Reel ’12, Scott and Caroline ’10 — along with “chauffeur” Bud Hicklin ’85 help kick off Clemson football during the First Friday Parade.

Thanks to the support of thousands of alumni and friends who made annual gifts last year, Clemson moved up five spots in the U.S. News & World Report ranking to 22nd among national public universities.

You are making a difference in Clemson’s progress toward our goal of being one of the nation’s top-20 public universities. A great university is key to improving lives and igniting economic prosperity.

Don’t let the calendar- and tax-year end without increasing your gift to ensure Clemson’s continued success. Use the enclosed envelope, call (864) 656-5896 or go online to www.clemson.edu/isupportcu.
Welcome Back!

Thousands of people flocked to downtown Clemson to enjoy food, games, giveaways and music to kick off the new school year at the Welcome Back Festival. The annual festival is sponsored by the Clemson Student Alumni Council and Clemson Alumni Association, with support from the city of Clemson and area businesses. Proceeds go to the Student Alumni Council Endowment Fund, which helps fund scholarships.

St u d e n t Li f e

Freshmen and new transfer students interact during “One Clemson,” a program to help them learn about the University’s core values and what it means to be a part of the Clemson family.

One Clemson

Fall 2008

National equestrians

Equestrians Ashley Phillips, Sarah Spainhour, Charlotte Powers and coach Katie Maxwell

Clemson University Equestrian Team members competed in the nationals at Los Angeles, Calif., earlier this year and earned top-10 finishes. Sarah Beth Spainhour brought home first place. The Clemson Equestrian Team, a club sport, has 40 members and travels to six shows a year, competing in the Intercollegiate Horse Show Association.

For more information, go online at www.clemson.edu/cucet or contact Emily Beiting, team president, at ebeiting@clemson.edu.

Remembering RJ

When senior engineering student Ralph “RJ” Pinnock was killed in a highway accident last fall, he left a saddened Clemson family. Pinnock had been a member of student government, the MLK Enhancement Committee and the Clemson University Symphony Orchestra. He was vice president of the Pi Alpha chapter of Alpha Phi Alpha fraternity, and he helped other minority engineering and science students as a PEER (Programs for Educational Enrichment and Retention) mentor.

To honor him, Hercules Inc., a specialty chemicals corporation in Wilmington, Del., — where he’d planned to intern — has established the Ralph Nathaniel Pinnock Jr. Memorial Annual Scholarship at Clemson. The fund will provide scholarships to enhance diversity in chemical and biomolecular engineering.

If you’d like to support the fund, designate gifts to the Pinnock Scholarship and make payable to the Clemson University Foundation, PO Box 1889, Clemson, SC 29633.

Spec tacular classroom

Students in a new geology class open to all majors — Western U.S. Field Study — experienced firsthand the spectacular geology of the Colorado Plateau, led by environmental engineering and earth sciences professor Richard Warner and Ph.D. student Scott Brame. The class embarked on a yearlong journey across central and southern Utah.

They drove, camped and hiked across the plateau, visiting national and state parks and national monuments. They studied — up close — arches, natural bridges, canyons, hoodoos, cliffs and mesas, monoclines and faults, and many other geological features.

For more on Clemson’s multicultural programs, services and student organizations, go to www.clemson.edu/studentaffairs/gic/multicultural or contact the Gantt Intercultural Center at gic-lg@clemson.edu or (864) 656-7623.

Class of 2012

The Clemson Club of Baltimore/Washington, D.C., welcomed Class of 2012 students to the Clemson family at the club’s annual Freshmen Sendoff parties.

Spectacular classroom

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Lowcountry sizzle
Frank ’55 and Johnny Hanckel

The Hankels of Charleston are a family tradition. Frank came to Clemson in the early 1950s as a dairy major, son Johnny followed in the 1960s, and grandson Jay is here now. Another part of the Hanckel tradition is firing up the outdoor grill for large family gatherings. In fact, it’s become a family business — Lowcountry Cookers LLC (www.lowcountycokers.com).

When Johnny came to Clemson two decades ago, he brought a special grill with him, the P.O. Cooker. He used it tailgating in his college days and still uses it today. He liked it so well that, a few years ago, he bought the rights to the P.O. Cooker and the Lowcountry Cooker Steamer.

Frank, retired president and CEO of Columb Dairy Inc., became his consultant, advising him on everything from sales to design to new recipes. Today, business is sizzlin’.

Lowcountry Cookers was recently featured in Cooking with Paula Dean, Garden & Gun magazine, and other publications.

Another part of the Hanckel tradition is supporting Clemson, both monetarily and as great ambassadors. They’re benefactors of the Frank S. & Loraine B. Hanckel Family Endowment for the Clemson University Libraries, the Frank S. & Loraine B. Hanckel Family Endowment for the Class of ’55 Exchange and a generous gift to the Palmetto Challenge Program.

1961

Thomas M. Ariaill (TE) of Spartanburg can proudly claim like father, like daughter. In 1988, he served as the president of the Southern Textile Association. Now, 20 years later, his daughter, Lisa Ariaill Siggins (’81 ECoN), serves as the first female president in SITA’s 100-year history. She’s an engineer at Glen Raven in Anderson.

Chemical engineering graduate Gene E. Phillips is a director at Prime Income Asset Management, a Dallas-based real estate management company and energy sector advisor, which owns, develops and manages more than $4.5 billion of commercial real estate and advises energy companies with both domestic and international operations.

One of Prime’s major projects is Meron Crossing, a 1,200-acre development in the heart of the Dallas/Fort Worth Metroplex. This project is an outgrowth of Phillips’ vision for a multifamily development concept that pays attention to the roots of its home city of Farmers Branch, the oldest community in Dallas County, while creating a new urban environment.

Phillips, originally from Piedmont, went to Clemson on a scholarship through the textile multiuse development concept that pays attention to the roots of its home city of Farmers Branch, the oldest community in Dallas County, while creating a new urban environment.

Lawrence Kimball

Joe Wilson (AGSCC, M’76 AEPM) of North Augusta was named the Outstanding Director of Adel Agricultural Education in the Southern States and one of six in the United States for 2008, an honor he also received in 1999. He retired as agricultural education instructor at Aiken High School after 33 years and was a former president of the S.C. Agricultural Educators Association.

CASA Judge of the Year
Leslie Kirkland Riddle ’81

Secondary education graduate Leslie Riddle of Irmo is a family court judge in the 5th Circuit, which includes Richland and Lexington counties. She has been named 2008 National Judge of the Year by CASA — the Court Appointed Special Advocate Association.

The nonprofit organization’s volunteers represent abused and neglected children in court through nearly 1,000 programs nationwide. Riddle’s “exceptional leadership” and “clear passion for the children in her court” made her the unanimous choice from among more than 40 nominees.

Riddle, who holds a law degree from the University of South Carolina, began her career in family law 17 years ago. She’s been a strong force in ensuring justice for S.C. children ever since.

As for Clemson, it’s a family matter. Her brothers — Wesley ’81 and Keith ’82 Kirkland — are alumni; her husband, Charles Dayton Riddle, is a 1981 graduate; and one of her sons (Dayton) is a Clemson student.

1964

J. Ed Sherman (TEXTMGT) of Mauldin and M. Jason Byrd (CEED) of Landrum have joined forces to make their company, Republic Locomotives, a leader in yard switches — rail locomotives that are used for powerful short hauls. They are part of a production team that has quadrupled output the past year.

1966

Dianna Sherram Massey (ENGL) is married and living in Huntsville, Ala.

1969

Edward R. Clayton (PhD ASCD) of Blackburg, Va., is professor emeritus at Virginia Tech University. He’s the Ralph Lens Professor of Business Information Technology in the Pamplin College of Business.

1970

M. Lynn Deuchard (CHEM) of Greenwood was selected the 2008 Distinguished Professor of the Year at Lander University. He’s a professor of analytical chemistry.
**Tigers in Iraq**

*M. Frederick “Freddie” Zink M ’82*

Veterinarian Maj. Freddie Zink ’82 of Pinedale, an animal and food industries graduate, deployed to Iraq in May where he is teaching local farmers to care for livestock.

As a member of a Civil Affairs Battalion, he has been providing education and instructions on vaccinations and proper treatment for farm animals when veterinary care is limited. He is also working with Iraqi veterinarians to improve their knowledge and skills.

On another project, Zink collaborated with fellow Clemson alumni and veterinarian Lt. Col. Robert “Bob” Sindler ’74 of Orlando, Fla., to bring tigers to the Baghdad Zoo. Sindler helped arrange the donation of the two Siberian-Bengal tigers — Riley and Hope — from the Conservators Center in North Carolina. The two tigers are currently traveling from the United States to Iraq. (See Zink and Sindler at the Baghdad Zoo in Clemson World Traveler, p. 41.)

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**Carpe diem**

**Care-filled design**

Brad B. Smith ’82, ’83, ’85

Architect Brad Smith has helped make a “wish” of the Greenville County Cancer Society become a reality — the McCall Hospice House, a 30-bed home on Greenville Tech’s Brasler campus. A longtime board member and past president of the society, Smith served as the construction committee chairman.

He holds degrees in design, building science and management, and architecture and has practiced in Greenville for 25 years. He and fellow Clemson alumni and architect Joseph Paumard ’82, ’83 formed Paumard-Smith Group Architects.

The firm has built a reputation for business acumen and site-sensitive design. It has nearly 50 staff members in a studio-based environment that includes civic, health care, institutional and commercial design. The American Institute of Architects’ S.C. chapter recently recognized the firm with an Energy & Sustainability Citation and Honor Award for the I-26 Collaboration (I-26), which received a LEED Core & Shell Gold rating from the U.S. Green Building Council.

At Clemson, both men are trustees of the Clemson Advancement Foundation for Design and Building (Smith is past president), and their firm is supporting and helping raise funds for the renovation and expansion of Lee Hall.

Donna Kay Rhoden (PSYCH) of Boca Raton, Fla., is chief of staff at West Boca Raton Medical Center.

**Top legal administrator**

S. Jane Todd ’04

Administrative management graduate Jane Todd of Lexington has earned national recognition for her firm. Todd, administrative manager of Nelson Mullins Riley & Scarborough LLP, received the Association of Legal Administrators (ALA) Quest Award for 2008. She was selected from nearly 900 candidates.

Todd manages office activities in multiple locations of the firm, including Columbia, Washington, D.C., and Boston, Mass., and has a hand in projects at the firm’s satellite offices. (The firm has attorneys practicing offices in Atlanta, Boston, Charleston, Charlotte, Columbia, Greenville, Myrtle Beach, Raleigh, Washington and Winston-Salem.)

In addition to her leadership in the S.C. chapter of ALA, she has participated in N.C. chapters through meetings, conferences and networking.

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**Ed excellence**

Lee M. D’Andrea M ’92, PhD ’02

Elementary education and educational leadership graduate Lee D’Andrea has received the University Council for Educational Administration Excellence in Educational Leadership Award for 2008.

The award provides national recognition to practicing school administrators who have made significant contributions to the improvement of administrator preparation.

D’Andrea is superintendent of Pickens School District and has periodically taught courses for the educational leadership program in Clemson’s Eugene T. Moore School of Education. At Clemson, she’s on the external advisory board for the College of Health, Education and Human Development.
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The Clemson Family

1997

Zachery R. Williams (HIST) of Fairlawn, Ohio, is an assistant professor of African American history and Pan African studies at the University of Akron. He was named to Cleveland’s 40/40 Club, which honors African Americans, ages 40 and under, who are making significant contributions in the Greater Cleveland area. He also serves as an associate minister at Olivet Institutional Baptist Church.

2000

New doctors of veterinary medicine (from USA) include Jennifer L. Carter ’00 (ANSC), Laura L. Gray ’02 (NURS), Kathyrn N. Pudgett ’02 (ANSC), Ashley A. McAulay ’03 (AVS), William O. Ratterree ’03 (AVS), Lindsey E. Helms ’04 (AVS), Cassandra M. Pugh ’04 (ANSC), Jena R. Wickman ’04 (ANSC), Anna A. Bagwell ’05 (ANSC) and Elizabeth L. Marlow ’05 (ANSC).

Eco-preneur

*Elizabeth R. Garrison ’95

Speech and communication graduate Elizabeth Garrison of Greenville is doing what she can to increase recycling efforts of Upstate businesses. In fact, she’s making it her business — Ever Green Recycling.

A former economic developer for Greenville County, Garrison noticed that most businesses want to recycle but just don’t have an in-house program that works well.

The entrepreneur began her Ever Green Recycling last fall to offer businesses a better way. Ever Green (www.ever-greencycling.com) serves a growing number of businesses in Greenville including several firms, upscale restaurants and hotels, manufacturing companies and offices.

Garrison, an Anderson native, is a past president of the Greenville Clemson Young Alumni Club.

The Clemson Family

2000

Ben S. (FHKSC) and Julie Copeland (MKTG) Mizell are married and living in Atlanta, Ga.

Anne Snipes (SP&COMM) and Bradley L. (CE) Smith are married and living in Greenville. She’s a public relations account manager for Erwin-Penland, and he’s a project manager for Skom Construction.

Ryan Smith (HIST) of Loganville, Ga., is a DirectBuy franchise owner.

2004

Katie E. Kimble (M APLPSY) of Dublin, Ohio, is a senior associate in user experience design at Extant.

Jason M. Leyba (CPSC) of Fremont, Calif., is a software engineer at Google Inc. in Mountain View.

2005

Erinne R. Dabkowski (BIOVSC) of Morgantown, W. Va., a current Ph.D. student at Clemson, was awarded an American Heart Association predoctoral fellowship and is one of only four people selected as a trainee on the new Cardiopulmonary T32 grant. She works in the lab of professor John Hollander, who was recently awarded an American Heart Association grant-in-aid.

Cool chemistry

Lisa Coward Peake ’01

Chemistry graduate Lisa Peake of Land O’Lakes, Fla., received the Presidential Award for Excellence in Mathematics and Science Teaching earlier this year. The award is funded through the National Science Foundation and honors one science teacher from each of the 50 states.

Peake, who minored in education, taught at Wesley Chapel High School and participated in the University of South Florida’s summer research program for teachers to enhance her teaching skills and better engage students. She has been recognized as a National Honor Roll Outstanding American Teacher.

She has made presentations at the National Science Teachers Association and the American Chemical Society. She’s a member of the Golden Key National Honor Society and National Chemistry Honor Society.

The Clemson Family

2000

Boyce Tyndall III (MGT) and Elizabeth Kent (ELED) Estes are married and living in Charlotte, N.C.

Josh P. Kearns (CHEM) of Huntington, W.Va., founded Aqueous Solutions, a grassroots organization for enabling households and communities to ensure the safety of drinking water. Aqueous Solutions (www.aqueusions.org) was awarded a grant from the Charles A. and Anne Morrow Lindbergh Foundation.

2001

Adair Ramage Roark (INEMGMT) of Simpsonville is an accounting analyst for Clockwork CFO & Controller Services in Greenville.

2002

Alecia Wheeler Clump (ELED) of Lexington, a first-grade teacher, was awarded National Board Certification in elementary education.

Kate Nickless Hurz (FSN) is married and living in Vininggs, Ga. She’s a registered dietitian with a dialysis laboratory company.

Brian J. Messina (LI&T) of Tarragona, Spain, is with a shipping agency where he’s coordinator of the traffic department and commercial director for the head office in the Port of Tarragona as well other ports in the country.

2003

Donna A. Bowen (SPAN, M ’06 PRoFCOM) of Charleston is a writer for the PSA Web team at the University.

The Clemson Family

National engineer leader

Amy Winn Herbert ’93

Mechanical engineer Amy Herbert has been awarded the 2003 Society of Women Engineers (SWE) Emerging Leader Award for Manufacturing and Construction.

Herbert has been with the Fluor Foundation for more than 14 years and is currently project manager on the Eastman project.

She’s the Energy and Chemical unit representative on the Greenville branch team for Erwin-Penland, and he’s a project manager for Skom Construction.

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Jenna Hallman M ’08

Educational leadership graduate Jenna Hallman is the 2008-09 S.C. Teacher of the Year, representing the state’s 50,000 teachers.

Hallman, a 10-year veteran, is a science specialist at Calhoun Academy for the Arts, Anderson School District 5. Her dedication and instructional methods lead students to their own moments of discovery.

As state teacher of the year, Hallman will take part in Leadership South Carolina, and the Notre Dame Club of the Western Carolinas will send her to its Excellence in Teaching Symposium.

Hallman is the 2008-09 S.C. Teacher of the Year and will work with the S.C. Teacher Forum.

As state teacher of the year, Hallman will receive a $25,000 cash award, Dell laptop computer, set of Michelin tires, Jostens ring and use of a 2008 BMW Z-4 roadster for a year. She will participate in a one-year residency program at the Center for Educator Recruitment, Retention and Advancement and serve as a statewide ambassador for teachers.

Hallman will also work with the S.C. Teacher Forum.
William A. Sanders Jr. '32, Charleston
Henry B. Vaughan '34, Marietta, Ga.
Horace D. Harby '36, Scottsdale, Ariz.
Brooks E. Pierce '37, Boiling Springs, N.C.
John H. Truluck Jr. '38, Walkerboro (for a previous profile, see www.clemson.edu/clemsonworld/profiles/0403truluck.htm)
Edward H. “Ned” Lessonne '41, Knoxville, Tenn.
Curtis C. Graham Sr. '42, Mount Ulla, N.C.
Thomas C. Wright '42, Ward
Charles F. Carter Jr. '43, Charlotte, N.C.
Ben Langdon Griffin '44, Easley
Jared L. “Jerry” Johnson '44, Greenville, S.C.
J. Roy Pennell Jr. '44, Anderson, S.C.
Edward H. “Ned” Lessonne '41, Boiling Springs, N.C.
Claude Lowery Jr. '55, Columbus
Clyde E. Woodall '55, M '56, Clemson, retired
Jimmy D. Box Jr. '56, Severn, Md.
John M. Thomason '58, Florence
Michael F. Dukes '59, Beaumont, Texas
J. Ga'il Stephens-Boles '59, M '61, Savannah, Ga.
Jesse H. “Jerry” Hopkins Jr. '60, Peddleton
Arvid Allen Anderson '61, Oxnard, Calif.
Charles C. Dixon Jr. '62, Mooresville, N.C.
Robert C. Jackson '62, Greenville
James H. Wilcox Jr. '62, Hopeville, S.C.
Lonnie L. Armstrong '63, Prosperity
Jerry E. Gore '63, Marion
John R. Dyer '64, Austin, Texas
Charles M. Hecker Jr. '65, Lancaster
George Miltonflyer '65, Greenville
L.M. Ibrahim M '66, PhD '70, Clemson (See p. 48 for more.)
Alex G. “Jim” Gamble III '68, Knoxville, Tenn.
James R. Bennett '71, Taylors
Sydney Doak Coker '71, Summerton
Bruce W. Price Jr. '72, Myrtle Beach
Lynn McLees Ray '78, Greenville
Rodney K. Emory '83, Seneca
Jon L. Team '86, Anderson
Jacqueline Raye Templeton '86, Wadsworth, N.C.
Kenyon M. Drummond '89, Woodruff
Gregory W. Deniowski '94, Greenville
Thomas C. Warren '04, M '07, Myrtle Beach
Christopher A. Orr, agricultural mechanization and business senior, Central
Zachary A. Juszkiewicz, prebusiness admission counselor, Central

**FALL 2008**

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**What's new? We like to hear from you.**

**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.

**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. You can also update your information online at www.clemson.edu/alumni/updates.html.
Breaking Ground for Clemson’s Fallen Heroes

A visible step in recognizing the 472 Clemson alumni who made the ultimate sacrifice in service to their country — and who have enabled us to enjoy the freedoms we so richly cherish — was taken Sept. 4 when ground was broken for the Scroll of Honor Memorial adjacent to the East Gate of Memorial Stadium.

The Clemson Corps is proud to announce that fundraising for Project 1, design and construction of Memorial Plaza, has been a success. Your continued support is needed to realize Project 2, linking the plaza to the stadium. Please use the envelope in this magazine, or make a secure online contribution at www.clemson.edu/supportcu.

Specify that your gift is for the Clemson Scroll of Honor.

Hosting the Clemson Experience

The next time you visit Clemson, enjoy luxurious accommodations, meeting space overlooking Lake Hartwell and an 18-hole championship golf course. Comfort meets business meets recreation all in one place.

www.clemson.edu/alumni/clemsoncorps

Clemson World Travelers

Hawaii 1
*Talbert ’57 and *Beth Gerald during Hawaiian travels.

Caribbean 2
Melissa Hill Campbell, James M. Campbell ’59, Mary Anne Campbell Dunn ’89, Reb Dunn ’62, Brad Martin ’81, Sherry Campbell Martin ’82, Mike Campbell ’87 and other family on “Me-Me and Papi’s 50th Anniversary” cruise.

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Clemson World Travelers
Clemson World Travelers

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Bruce and Anne McKinney Cottle ’80 at Fox Glacier on their 25th anniversary.

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Tim ’83 and daughter Catherine ’11 Hasty at Dubronnik in Croatia.

Grand Canyon 19
Karmen and Karen ’83 Kingsmore at the Grand Canyon.

Philippines 22
Bill Young ’92 and Maria Delgado at Corregidor Island.

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Clemson Family

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Clemson receives $79.5 million in private support

Private gifts to the University totaled $79.5 million in the 2007-2008 fiscal year. The sum includes $59.5 million to the Clemson University Foundation to support academics and more than $21 million to IPTAY. The foundation received $38.5 million in cash, $4.58 million in pledges and $2.65 million in gifts-in-kind. These totals include $4.6 million raised for athletic capital projects. Clemson also added $12.8 million to its inventory of planned gifts. Clemson saw an increase in alumni donations, with 28.5 percent making gifts. This percentage continues to keep Clemson ranked among the top in the country in alumni participation. Alumni gave a total of $11.5 million to the Clemson University Foundation, a 20 percent increase over last year's amount.

The number of corporations making gifts to Clemson rose from last year's 842 to 1,051.

ExxonMobil multiplies gifts

ExxonMobil has given Clemson nearly $219,000 to match gifts, three-to-one, to that its employees and retirees made to the University last year. In the past six years, its Educational Matching Gift Program has given more than $839,000 to Clemson.

Much of the funds go to the ExxonMobil Employee Endowed Chair in Engineering, recently filled by mechanical engineering professor Georges Fadel. Other support goes to class projects, endowments in the College of Engineering and Science, Eugene T. Moore School of Education, Jungaleers Endowment Fund, School of Architecture, University Libraries, Air Force ROTC scholarships, Brooks Center for the Performing Arts and Clemson Fund.

Odom “first” scholarship

Clemson’s FIRST Program — to help first-generation college students in reaching their career goals — has received a boost from Henry Odom. The Henry B. Odom III ’70 Scholarship Endowment will provide scholarships for FIRST Program students majoring in physics and astronomy. He’s also established an annual award to help students until the endowment generates a budget. For more on the FIRST Program, go to www.clemson.edu/clemsonworld/2008/summer/article2.html or contact Sherry Dorris at first@clemson.edu or (864) 656-1674.

Giving back through faculty support

Mechanical engineering alumnus David Brown has established a $100,000 endowment in honor of Clemson faculty. The David J. Brown ’66 Endowed Scholar Position will provide support for an outstanding mechanical engineering faculty member. “Clemson has always been known for the quality of its undergraduate teachers,” says Brown. “Having spent time at Clemson as a married student [to the late Carol Kimbrough odom] where both of us earned our degrees and paid for our education, we experienced the caring nature of the faculty and the local Clemson family. This has prompted my desire to give back to Clemson in a manner that supports the faculty.”

Brown serves on the Clemson University Foundation board. He’s a past member of the Alumni National Council and earned a master’s degree from the University of Florida in nuclear engineering. His company, United Mechanical Corp., is located in Charlotte.

Dean Gulari creates endowment

Clemson’s dean of the College of Engineering and Science, Esin Gulari, has established a Dean’s Leadership and Service Award Endowment with a gift of $25,000. The endowment provides awards for leadership and service to faculty and department chairs within the college. Gulari also made an additional gift to create an annual award this year.

The first award has been granted to chemical engineering professor Charles Gooding in recognition of his work and service as president of the Faculty Senate.

Gulari was named dean in July 2006. She previously served as the department chairwoman of Chemical Engineering and Materials Science at Wayne State University and as a director of the Chemical and Transport Systems Division and acting assistant director for engineering at the National Science Foundation.

Corporate Tiger Day at WestZone

Clemson University Corporate Development teamed up with the Michelin® Career Center and University Athletics to host Corporate Tiger Day for hundreds of regional industry representatives.

The event energized current corporate partners and introduced potential supporters to all that Clemson has to offer: whether recruiting skilled graduates through the Michelin Career Center; partnering with world-class faculty on research projects; or exposing their brand to the Clemson family and thousands of annual visitors.


On November 6, 1886, University founder Thomas Green Clemson executed the power of his pen, willing his estate, land and resources for the establishment of a “high seminary of learning” for the people of South Carolina. Clemson University began as a thought; and, with one simple action, was given the opportunity to become an international research institution that inspires students, drives economic development and stimulates change.

You can follow in Thomas Green Clemson’s footsteps and wield the power of the pen, leaving behind a legacy for future generations. Your forethought today could define the University’s tomorrow.

For more information, contact JoVanna King, senior director of gift and estate planning, at (864) 656-0663 or jovanna@clemson.edu.
Goodbye, Coach

I.M. Ibrahim, father of Clemson soccer, 1941-2008

Clemson says goodbye to I.M. Ibrahim — Clemson alumnus, professor, famed soccer coach and businessman.

Ibrahim came to Clemson as a chemistry graduate student, earning his master’s degree in 1966 and Ph.D. in 1970. In 1967, he brought soccer to the University as a varsity sport, and the rest is a Clemson legacy.

During his tenure (1967-1994), he led the Tigers to two NCAA National Championships and 11 ACC titles. Upon retirement, he embarked on a neighborhood business in sportswear and gifts. His stores have become traditional stops for fans, students and returning alumni.

He’s pictured here as he was inducted into the Clemson Athletic Hall of Fame.
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