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Cover photography - Patrick Wright
Artifacts of Anna Calhoun Clemson on display at Fort Hill
How Safe Is Clemson?

Faculty and students returned to campus this fall to a spate of good news stories. We had several records in the last fiscal year for private giving, research funding, alumni and IPTAY participation levels, and student applications. Clemson had also risen to 27th in the U.S. News rankings of the nation’s top public universities.

Soon, however, we faced a handful of incidents that reveal clearly why campus safety and security have been our paramount concerns in 2007. In short order, we had a series of three emailed bomb threats, all apparently part of a pattern of false alarms at more than a dozen universities. The second came on Labor Day, the morning of our nationally televised football opener against Florida State University.

A week later, a man was arrested for kidnapping and robbing a female student on Parkway Drive near the President’s Home. In September, there was a pre-trial hearing in the case of the man charged in the May 2006 murder of student Tiffany Souers in her off-campus apartment.

Into this mix came the reports and recommendations of the review panels looking into the Virginia Tech shootings in April 2007. At Clemson, a complete review of our safety policies and procedures began the day of the Virginia Tech tragedy, and continued throughout the summer. By fall, we had taken several steps recommended in the Virginia report, and others are in the works.

I’d like to use this column to update alumni, parents, students, faculty and staff on the changes we’ve made, and attempt to answer an unanswerable question: How safe is Clemson?

The first thing to remember is that Clemson is a small, friendly, relatively safe community. But, then, so is Blackburg, Va.

Because Clemson College actually pre-dates the city, we evolved as both an educational institution and a municipality. We once provided all municipal services like power, water, and police and fire protection both on campus and off. (Our fire department still serves the entire Clemson community under an arrangement with the city.)

As a result, the University today has a professional police force and fire department with highly trained first responders, including EMS personnel. Our police force includes an investigative unit. Officers carry weapons, have arrest powers, and train in both campus and community policing.

Our officers are not simply “security guards.” Parents and grandparents can help as our students understand this distinction. It’s an important one, especially if a student is arrested. It’s a real arrest.

We have a well-defined campus crisis-management team. It has responded ably to the off-campus murder of Tiffany Souers and other emergencies. Our professionals meet regularly with public safety officials in neighboring jurisdictions to make sure the lines of communication and cooperation are well established and functioning.

Many of our students live off campus in surrounding communities, and we host more than one million visitors to campus each year. This dialogue and cross-training are essential. Crisis planning and joint disaster exercises have long been held on a number of topics, ranging from nuclear emergencies and chemical spills to pandemic flu-preparedness drills.

A new student-led Safety Task Force began meeting regularly last year to discuss crime-related problems and issues and to help us reach students with safety information.

We learned two important lessons from the Virginia Tech tragedy. Swift, accurate communications is vitally important. And we need to share information and act when individuals pose a threat to themselves and to others.

In response, we added six new police officers this fall, along with the resources to support them. We are also:

- strengthening an existing siren system for severe weather alerts. We’ll add towers and voice message capability for other types of warnings to some sirens.
- expanding the E-911 system in conjunction with Pickens County. This will “go live” in January 2008.
- launching an emergency electronic notification system across several platforms. The system will send emails and “pop-up” messages to computers and text messages to cell phones whose users have signed up for the service.
- expanding the duties of designated security coordinators in each campus building. We’ll also provide additional training for those individuals.

We have hired outside consultants to help us with a campuswide risk assessment analysis. They’ll evaluate our policies and procedures along with such concrete measures as door-locking/card-access systems, emergency phone systems, closed-circuit TV systems and others.

Our response, however, must go beyond strengthening physical security. The most troubling aspect of the Virginia Tech incident, for me, was the university’s failure to “connect the dots” about a troubled and violent student. Many individuals saw the warning signs — students, parents, teachers, RAs, counselors, even the police and the judicial system. Yet they felt legally and ethically constrained from sharing information in a way that could have helped the student and prevented other students from becoming his victims.

We now know that was a misinterpretation of federal privacy laws and guidelines. At Clemson, the Student Affairs division is developing a program called PCFPP — Proactive Reporting of Potential Problems. The first phase is a care network to ensure that information is shared, when appropriate, among the various offices and departments that may pick up on trouble.

Much has changed since April 2007 for every college and university. Clemson received national recognition on ABC’s “World News Tonight” in September for all the positive things we have done in the last few months to implement the lessons learned from Virginia Tech and to improve on our safety performance.

I am reminded, though, of a best-selling book title some years ago: When Bad Things Happen to Good People. Bad things also happen to good universities, and they will happen again at Clemson.

We live in a world where one angry or bored person, perhaps half a world away, can temporarily shut down parts of our campus with a single malicious email. We must take every threat seriously, and we do.

But we must not let fear knock us off course or derail a student’s education.

We must be as proactive as possible to ward off danger but be prepared to act in a professional, caring way in response to it.

How safe is Clemson? As safe as we can make it, which will never be quite safe enough.

(For more on campus safety, go to www.clemson.edu/campusafety.)
Supply chain and logistics affect all aspects of business, from the flow of raw materials and scheduling production to manufacturing and distributing finished goods. In today's global business environment, an effective supply chain is critical for businesses to remain competitive and profitable.

Clemson University has recognized the importance of supply chain and logistics education by establishing the Chair of Supply Chain and Logistics in the University's industrial engineering department. The $2 million award matches $2 million from Fluor Corp., a multinational engineering and construction company.

**Clemson endows supply-chain chair in industrial engineering**

**FLUOR CORP. HAS MADE A $2 MILLION MATCHING COMMITMENT TO CLEMSON TO CREATE THE FLUOR ENDOWED CHAIR OF SUPPLY CHAIN AND LOGISTICS IN THE UNIVERSITY’S INDUSTRIAL ENGINEERING DEPARTMENT.**

Clemson University, Fluor Corp. Chairman and CEO John Fritze presented a $1.6 million commitment to Clemson President Jim Barker.

**Clemson endows supply-chain chair in industrial engineering**

**CLEMSON UNIVERSITY HAS CLOSED THE CYBER GAP IN SOUTH CAROLINA BY JOINING THE NATIONAL LAMBDRAIL, INTERNET2 AND OTHER RESEARCH NETWORKS.**

C-Light, the network known as C-Light, was developed using private donations and gifted research funds. It connects Clemson with 12 other universities across the country and serves as a platform for research, collaboration and networking.

**C-Light closes cyber gap**

**CLEMSON RESEARCHERS ARE WORKING ON A BIOCHIP THAT COULD HELP SAVE MILITARY AND CIVILIAN LIVES.**

A biochip, about the size of a rice grain, could measure and relay such information as lactate and glucose levels in the event of a major hemorrhage, whether on the battlefield, at home or on the highway.

**Lifesaving biochip**

**DALE EARNHARDT INC. (DEI) IS THE UNIVERSITY’S FIRST MOTORSPORTS INNOVATION PARTNER, PROVIDING THE COMPANY PREferred access to faculty, students, facilities and equipment related to the field.**

The Dale Earnhardt Foundation will fund an annual undergraduate scholarship honoring the memory of Dale Earnhardt Sr. for students interested in motorsports and automotive engineering.

**DALE EARNHARDT INC. (DEI) IS THE UNIVERSITY’S FIRST MOTORSPORTS INNOVATION PARTNER.**

President Jim Barker meets with DEI’s Teresa Earnhardt, CEO, and Max Siegel, President of Global Operations, to launch a motorsports partnership.

**Carolina First Gallery to showcase art at CU-ICAR**

**$1.5 MILLION INVESTMENT BY CAROLINA FIRST, THROUGH THE SOUTH FINANCIAL GROUP FOUNDATION, WILL PROVIDE A UNIQUE GALLERY SETTING IN THE CLEMSON UNIVERSITY INTERNATIONAL CENTER FOR AUTOMOTIVE RESEARCH (CU-ICAR) FOR THE PUBLIC DISPLAY OF INTERNATIONAL AUTOMOTIVE VISUAL ARTS, INNOVATIVE RESEARCH INITIATIVES AND OTHER Exhibits.**

The Carolina First Gallery will also serve as a focal point for welcoming and entertaining guests and will provide a space for events and announcements. It will be located in Innovation Place in Technology Neighborhood One of the CU-ICAR complex, the official welcome area for visitors.

**Carolina First Gallery to showcase art at CU-ICAR**

**Lab’ on the Endeavour**

**A CLEMSON BIOENGINEERING team landed at the Kennedy Space Center in August as the Endeavour shuttle landed at Cape Canaveral, Fla.**

Eight graduate and undergraduate students, led by bioengineering professor Ted Bateman, looked at factors and molecular changes caused by spaceflight-induced bone loss in mice. This research will help develop a better understanding of weightlessness and its impact on the skeletal system and help minimize the risk of fracture in crew members during exploratory missions.

**‘Lab’ on the Endeavour**
BBS dean to broaden international scope

CLAUDE LILLY, NEW DEAN OF CLEMSON'S College of Business and Behavioral Science, is moving forward with a plan to internationalize the educational and networking opportunities for the college. In the coming months, a new director will be in place to lead all the college's international programs, which range from study-abroad opportunities to international research.

Before joining Clemson, Lilly served as dean of the Belk College of Business and the James J. Harris Chair of Risk Management and Insurance Research at UNC Charlotte.

He was professor of risk management and insurance and director of the Center for Risk Management and Insurance Research at Florida State University. He was also a faculty member and the director of the Center for Insurance Research at the University of Southern California.

Clemson in the Peace Corps

Clemson is already ranked 21st among medium-sized colleges and universities for the number of its alumni who are Peace Corps volunteers. Now, the Peace Corps Master's International Program has added Clemson as one of its new university partners.

Designed for Americans who want to earn graduate degrees while serving as Peace Corps volunteers abroad, the program will enable students to enroll in agricultural education, forestry resources or applied economics and statistics and then combine their academic knowledge with a practical, international field assignment. For more information, go to www.grad.clemson.edu or www.peacecorps.gov/masters.

Apply to Clemson, then to Honors College

Clemson's Calhoun Honors College is changing. Starting this year, after students apply to Clemson, they'll need to apply to the Honors College rather than waiting for an invitation. Students are encouraged to apply early.

In addition, the Honors College has created two pathways. The University Honors Program is for students who are very focused. This traditional honors curriculum provides stimulation and challenge in the general education requirements and, in the junior and senior years, in-depth study and research in the student's major field.

The Calhoun Scholars Program is for the honors student who wants a broad undergraduate experience that includes culturally enriching events, leadership in student organizations, international study and public service activities.

For more information, go to www.clemson.edu/ahonors.

Corrections

In the last issue’s “You’re in Great Company” feature, we should have said that Daniel Augustus Joseph Sullivan received the Medal of Honor for service during World War I. In “Silent Soldiers,” we should have said the monument in front of Mell Hall depicts the experiences of the Class of 1944. (See p. 48 of this issue for more on the monument.)

Quiet Reflections

A lighthearted book by photographer Tommy Wyche and naturalist John Garton captures the beauty of the Clemson Experimental Forest in all four seasons and in time for Christmas giving.

The coffee table book showcases the natural and cultural history of the University’s 12,500 acre forest. The Clemson Forest is an outstanding example of reclamation and home to more than 155 species of birds and 900 species of plants, including some of the largest trees of their kind in the state, as well as several rare or endangered species. The authors create paintings from tiny cricket bugs and extra vivid butterflies to bold eagles, smallish mice and black bears.

Quiet Reflections is scheduled for delivery in November. Proceeds go to the Clemson Forest operating fund to support research and educational programs.

To order a copy, go to www.clemson.edu/pubsales or call toll free (888) 772-2665.

Thank you for helping Clemson outscore the competition!

Thank you to thousands of alumni and friends who support Clemson, the University moved up three spots in the U.S. News & World Report ranking to 27th among the nation’s 164 public doctoral-granting universities, South Carolina’s top public university is now tied with Miami University (Ohio), just behind Purdue, Connecticut and Iowa, and just ahead of Michigan State and Virginia Tech.

When you make your 2008 gift to the Clemson Fund by December 31, you will receive a free 2008 Clemson calendar and be entered into a drawing to win four tickets to the Clemson vs. Florida State basketball game.

See the enclosed gift envelope for details.

Lucan Glover makes history as the first former Clemson golfer to be on the U.S. Presidents Cup team.

Glover named to U.S. Presidents Cup Team

Former Clemson All-American Lucan Glover ‘97 was named to the U.S. Presidents Cup team by captain Jack Nicklaus. Glover is the first Clemson golfer to be named to the U.S. team.

It wasn’t the only Clemson golfer to have a strong year. Jonathan Byrd ’00, who was a senior on Clemson’s 2000 team and Glover’s teammate for three years, reached the final stage of the FedEx Cup Playoffs this year and won the John Deere Classic. He has already qualified for the 2008 Masters.

Lucan Glover makes history as the first former Clemson golfer to be on the U.S. Presidents Cup team.
Imagine the stress and uncertainty of going into a building and not being sure where the threat is — for example, a soldier in Iraq or Afghanistan clearing buildings in search of extremists. How do these soldiers know they are safe? How do they protect themselves? And how do they stay calm and focused in such a situation?

These same questions can be asked of law enforcement officers or school security officials.

Clemson professor Eric Muth studies and teaches human physiology and psychology within the psychology department. Part of his work focuses on military operations in urban terrain (MOUT) and is funded by the U.S. Department of Defense.

“The general umbrella for me is human performance under stress,” says Muth. He monitors observable interactions between body and mind, exploring how research participants respond to urban war conditions.

“I was a Navy scientist for three years,” he says. “That’s when I really became a human factors psychologist.”

The research is conducted at a “shoot house” that can be configured in a variety of ways for training exercises. Research subjects wear tracking devices that monitor and record movement and heart rate.

A current focus is on room clearing — the process of entering a hostile space and making it out safely. In July 2005, the team collected data from a group of highly experienced marines stationed at Camp Lejeune, N.C., as well as from a group of Clemson ROTC students with MOUT training and a group of undergraduate students with no MOUT training. Data is now being compared among groups regarding how to differentiate expert teams from novice ones based on room-clearing effectiveness.

The information on reaction time, heart rate and methods of building clearing will be valuable in training exercises to make such operations safer and more efficient.

Findings will be beneficial beyond the military. For example, the tracking of psychological and physiological responses can help provide better training for police officers and firefighters who often enter uncertain environments.

Clemson graduate and undergraduate students not only participate but also get opportunities to conduct research themselves.

“Without students, we wouldn’t be able to accomplish work of this magnitude,” says Muth, the lead human factors psychophysiologist on the team. He’s joined by Adam Hoover, an electrical and computer engineering professor, whose expertise is in tracking, embedded systems and machine vision. Through his work the heart rate, location and reaction times of research subjects (in this case soldiers) can all be tracked.

The third faculty member is psychology professor and interim department chair Fred Switzer, who has expertise in all aspects of training.

“This project is giving us some excellent insights into how to train effective teams and how to measure true team performance,” says Switzer. “Even though the primary focus is military teams, the lessons we learn here can be applied to all kinds of teams in industry and academia as well.”

Clemson “room clearing” research may save the lives of soldiers, police officers and other emergency responders.

Clemson researchers are also collaborating on U.S. Department of Defense projects dedicated to improving working conditions and performance for overworked U.S. translators. Much of their work is conducted at the University’s Sustained Operations Research Lab, a two-story furnished house complete with computer workstations and wireless cameras installed for monitoring participants.

Another center for Clemson psychology research is the Cognition, Aging and Technology (CAT) Lab in Brackett Hall, where professors and students study capabilities and limitations of attention and memory. The purpose of this lab is to guide the design of products so that they are easier for older adults to use. One current study explores how older adults’ fields of attention seem to shrink, how this affects computer use and how computer companies can take these factors into account.

Also in Brackett Hall is the University’s Driving Simulator Lab, an important tool for understanding what really happens when someone gets behind the wheel. It produces images of pedestrians, reckless drivers and police officers in pursuit. The simulator also shows the projected damage incurred in various car accidents.

Studies include drivers’ responses to changing driving conditions, effects of cell phone use on the road, night vision and the ability to see pedestrians, drivers’ reactions to automated tire pressure monitoring and other research that will ultimately lead to safer drivers, better highway conditions and fewer fatalities.
Now you can have your lake home and enjoy it too.

WaterMarke, located on Lake Hartwell, not only offers you the ultimate in condominium residences and amenities, but also all the maintenance and services for upkeep, so you have more time to relax, fish, sun, ski and entertain family and friends. Although you'll find that the advantages of this luxury community are unlimited, residences are not – with approximately 50% already sold.

- Private gated community
- Located 1/8 mile from Interstate 85 at Exit 19A
- Residences from 1,500 sq. ft. to 3,600 sq. ft.
- Open floor plans
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- 15 minutes from Clemson
- 30 minutes from Greenvile
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Sales office now opening on Saturdays 12–5
and on Sundays 1–6.

Pricing starts from
$304,000

Retreat
Lake Hartwell
The Ultimate

W hen Ken Vickery set foot on the Clemson campus in 1934, he had no idea where his path would take him. The Great Depression was devastating the South, and college was a privilege that many could not afford. Clemson Agricultural College of South Carolina was founded for young men just like him, even though he was from Georgia. He became involved in the Y.M.C.A. and was later his company’s chaplain. From the moment he arrived on campus to the day he passed away, Ken Vickery was the epitome of a Southern gentleman — a “Clemson Man.”

Vickery graduated from Clemson in the spring of 1938 and went to work as the assistant to the school registrar.

He left Clemson to serve his country in the U.S. Army for four and a half years in World War II. During this period, he ran into many Clemson men in the service. “They were everywhere,” he once said. When he landed in London, he soon ran into Col. J. Strom Thurmond ’23.

The very next day he received orders to an encampment in and around ancient Stonehenge. Vickery was headed to the Battle of the Bulge but didn’t get there before the siege ended. He was then assigned to retrain troops and was attached to a battalion where all four company commanders were Clemson men!

After World War II, he returned to Clemson and worked as an administrator for the rest of his career.

He served as director of admissions, registrar, director of admissions and registration, dean of admissions and registration, and assistant vice president for student affairs. He played a vital role in many of the most important changes in the school’s history, including the return of World War II veterans, the ending of mandatory military training, the registration of the first full-time degree-seeking females and the registration of the first African American student, Harvey Gantt.

Most often called “Dean Vickery” by students, he worked hard to help students succeed, whether it be spiritually, financially or academically. When he retired from Clemson in May 1982, he had had a role in awarding almost 90 percent of all the diplomas ever bestowed on Clemson students!

He served as a life deacon at the First Baptist Church of Clemson, a member of the Anderson College Board of Trustees, president of the state and national Association of Collegiate Registrars and Admissions Officers, a member of the NCAA Committee on Tests and Requirements, chairman of the Clemson Athletic Council and president of the Atlantic Coast Conference. A frequent consultant to the NCAA, he was instrumental in the establishment of national eligibility standards for student athletes.

Clemson’s student-athlete enrichment center, Vickery Hall, is named for him. He was also a member of Phi Kappa Phi, Tiger Brotherhood and the Clemson Athletic Hall of Fame. He received the prestigious Algernon Sidney Sullivan Award for his leadership and devotion to the community and Clemson’s Alumni Distinguished Service Award.

Ken Vickery passed away in October 2006. He left behind a family of dedicated Clemson folks, including his wife, Evelyn; daughter, Carolyn Cloaninger M ’74; son, Bob ’75; and grandchildren Amy C. Bonnette ’99, M ’10 and Matt Cloaninger ’06. He also left a legacy of accomplishments that rank him among the most important figures in Clemson history. ©

Trent Allen is co-owner of Allen’s Creations Inc. — Frame and Art Gallery and co-author of Clemson — There’s Something in These Hills. Ginger Allen is a biology teacher.

Cemetery Chronicles is a series on the honored inhabitants of Clemson’s Woodland Cemetery, better known as Cemetery Hill. For more information about the cemetery’s historical value, contact Matt Dunbar at tigeray@alumni.clemson.edu.

For more Cemetery Chronicles, visit the Web at www.clemson.edu/clemsonworld/chronicles.

To support its preservation and research, you can make a gift through the enclosed envelope and designate it for the “Cemetery Hill Preservation Fund.”
Memorial Stadium’s Scroll of Honor

Remembering those who made the ultimate sacrifice.

To honor those Clemson alumni who made the ultimate sacrifice, the Clemson Corps maintains the Scroll of Honor, a list of alumni who gave their lives in service to their country. To date, 469 alumni have been identified who were killed from WWI through the current wars in Afghanistan and Iraq. Now the Clemson Corps has coordinated an effort to erect a Scroll of Honor Memorial adjacent to the East Gate of Clemson Memorial Stadium (across from Howard’s Rock). The Clemson Corps invites you to join us by considering a donation to establish this permanent monument to honor those Clemson alumni who died that we might live.

www.clemson.edu/isupportcu

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.

Faces of Philanthropy

Doing the Right Thing

James E. Webb ’52

When students live on campus, they are more than just a lease.

All campus amenities and academic resources are within a short walk. Safety and security are our No. 1 priority, and the off-campus worries can be forgotten.

University Housing
200 Mell Hall
Box 344075
Clemson, SC 29634-4075
(864) 656-2295
Fax: (864) 656-7615

When James Webb ’52 decided to leave a legacy for future generations, his choice was obvious: Clemson University.

“In my family, there was only one college, and that was Clemson,” says Webb. “Through my family’s history with the University, my educational experience and my belief in Clemson’s ability to accomplish great things, I decided that with mechanical engineering students, I could be a part in making a valuable difference to each individual and to the American automotive industry as a whole.”

As a provision in his will, Webb set up the James E. Webb ’52 Endowment for Excellence in Engineering in the College of Engineering and Science. It will provide support for collaboration among the college, Clemson University International Center for Automotive Research (CU-ICAR) and the Robert J. Rutland Institute for Ethics. (For more on the Rutland Institute, see p. 18.)

Through his endowment, Webb hopes to contribute to the culture of automotive maintenance as a fundamental concept and integral part of vehicle design and to instill technical ethics within mechanical engineering students at Clemson.

“One look at the state of corporations right now will convince anyone that we need an ethics focus in education,” says Webb. “Timing, accountability, responsibility and doing a job right … these are the values I hope we can pass along to students.”

In establishing the planned gift, Webb was able to specify the objectives he envisioned for the program. His endowment will be used to enhance engineering design courses to enable students to gain an understanding of the life cycle of parts and assemblies, to project likely failure rates and modes and ability of repair by the owner without the necessity of resorting to a repair shop, to encourage and assist students in preparation for professional registration and to provide an understanding of the role and importance of ethics in engineering practice.

Even though he lives in Alabama, Webb’s family roots run deep in Upstate South Carolina. When the city of Anderson was first created, the Webb family bought three complete blocks of land. One of Webb’s ancestors was the first postmaster, while others served the community in various capacities — and still do today.

In 1928, Webb’s father, James Ansel Webb, graduated from Clemson, then married Webb’s mother and moved to Huntsville, Ala. In 1948, Webb enrolled at Clemson and graduated four years later with a mechanical engineering degree. After a year with the Tennessee Valley Authority in the power plant design department, Webb returned to Huntsville, where he began a 30-year career as a civil servant.

In 1965, Webb transferred to NASA, where he spent 15 years developing, building and operating flight test engines. Then, in 1980, he transferred to NASA’s Marshall Space Flight Center, where he began a 15-year career as a research engineer.

“A major part of my career involved developing the design, testing and improvement of rocket engines,” Webb says. “In my family, there was only one college, and that was Clemson.”

In 1995, Webb joined the engineering faculty at the University of Alabama at Huntsville as a research professor. He retired in 2004.

An automotive enthusiast, Webb noticed that the maintenance of his vehicles kept getting more complex, requiring work by the dealer and independent shops with special test equipment and tools, proving very expensive.

“I believe that individuals should be more independent and responsible for their needs. Vehicle know-how is one example,” says Webb. “One of my primary objectives is to allow vehicle owners to be able to repair more things themselves.”

Webb’s endowment will be used to create a new mechanical engineering program at Clemson, currently housed in the College of Engineering, Computing and Science. It will provide support for collaboration among the college, CU-ICAR and the Robert J. Rutland Institute for Ethics.

“Without a doubt, this is one of the most significant endowments to the University in recent years,” says Webb. “I am confident that this program will have an impact on students that will be meaningful for their careers and lives and for the automotive industry as a whole.”
Try to imagine a virtual superhighway of “science” connecting every county in South Carolina. One that carries the snap, cracklin’ latest discoveries in biology, natural history and life sciences to middle and high school students and teachers across the state.

This highway allows a constant flow of ideas among Clemson faculty, classroom teachers and schoolchildren — all scientists, both large and small.

In high schools, it attracts the state’s academically elite students who already have multiple scholarship offers as well as economically challenged students who may become the first in their families to attend college. It engages Extension services and other in-state campuses and programs.

Clemson’s SC LIFE program has paved the way for this exciting interchange of knowledge and inquiry for the past 10 years, with major support from the Howard Hughes Medical Institute Undergraduate Science Education Program. And the traffic is heavy.

Welcome S.C. teachers!

SC LIFE offers on-campus, on-site and distant-learning graduate courses for in-service teachers — from “River Explorations” to “What is Bioinformatics?” to “Welcome to the Gene Age” — all designed for teachers’ needs and schedules.

It provides hands-on materials, including interactive CDs, lesson plans and SC LIFE footlockers. The footlockers, available for loan to trained teachers, are jampacked with laptop, digital camera and recorder, CD player, related software and equipment along with kits to study everything from ladybugs to bats and weather to water quality.

The greatest “material” available to classroom teachers just may be the knowledge and enthusiasm of Clemson faculty who teach courses and give presentations for SC LIFE. They’re centered in the College of Agriculture, Forestry and Life Sciences and include professors from the College of Engineering and Science and the College of Health, Education and Human Development.

‘Our Community, the Movie’

SC LIFE partners with teachers and students in selected schools throughout the state to guide them through research projects focusing on their own communities.

Projects involve a team of faculty, Extension specialists and local folks.

For example, middle and high school students and teachers in Florence County School District 3 helped preserve the history and record the impact of growing tobacco in South Carolina. The end product is a DVD, “The Rise and Fall of Tobacco in the Lake City Market Area.”

Even more valuable than the DVD is the experience. The project stimulated interest in the sciences while fostering a respect for the community’s agricultural heritage. At the same time, it reviewed alternative economic opportunities that agricultural producers will pursue.

Students learned how to research, interview, record and communicate while their teachers earned course credit, savvy in new computer technology and success within the community.

An exam even students love

As a special incentive, each spring Clemson offers its Biology Merit Exam to S.C. middle and high school students. Its purpose is to recognize and reward outstanding student achievement and promote further interest in life sciences.

While here for the exam, students get to experience campus and interact with scientists in various biological and agricultural areas including the new DNA Learning Center.

Through the award from the Howard Hughes Medical Institute, SC LIFE brings to campus more than 200 students from distant and economically deprived middle and high schools by identifying biology teachers who want their students to participate and by subsidizing the registration, mileage and lodging expenses for their classes.

Students compete for a spot on the team, and those who make it become “science celebrities” in their schools and honored guests at Clemson.

CSI: Clemson

SC LIFE offers opportunities for classes of middle and high school students to get their hands into biotechnology, genetics, forensics and natural history, using lessons developed by the Dolan DNA Learning Center and by K-12 teachers and Clemson researchers. These laboratory field trip lessons at the S.C. DNA Learning Center cover life sciences from molecules and cells to whole organisms and ecosystems.

Middle school students can analyze DNA restriction fingerprints and see how they’re used to solve crime. They can use forensic and DNA evidence to explore a history mystery — what happened to the lost Romanov princess, Anastasia.

High school students can learn the basis of recombinant DNA technologies, create their own DNA fingerprint, discover which foods are genetically modified and do other gene sleuthing.
Young scientists ROCK
For rising high school seniors, SC LIFE and the S.C. Governor’s School for Science and Mathematics provide summer research internships. Teens are paired with researchers at various state universities and given an average of six weeks to conduct an original research project in a field or laboratory setting.
Projects range from tracking dangerous weather patterns, to making our food supply safer, to developing new surgical procedures.
They present their findings in a poster session. They also submit a formal abstract and present their work again at the annual S.C. Governor’s School for Science and Mathematics Research Colloquium.

Fueling the sizzle
SC LIFE is driven by the marathon energy of Barbara Speziale, associate dean of Academic Outreach and Summer Academic Programs. Her experience covers every aspect of the program from biological sciences professor to Extension specialist to high school biology textbook specialist.
Fueled by her passion, her project manager, Ginger Foulk, and her team of faculty, SC LIFE has received $5.4 million in support from the Howard Hughes Medical Institute since 1998. The program has earned the respect of this acclaimed institute by its solid record of outreach.

Projects include:
- SC LIFE has worked with middle and high school students in almost every S.C. county. It has supported more than 1,200 students from Lowcountry schools to participate in the annual Biology Merit Exam.
- It has sponsored 227 high school student internships with the Governor’s School and another 290 undergraduate student research projects at Clemson and S.C. historically black colleges and universities.
- SC LIFE has attracted other grants to expand its program, including a $1.9 million NSF grant to encourage and support "first generation" students.
- And for every teacher it has enriched, the program continues to impact that teacher’s new class of S.C. students every single year.

SC LIFE is a rich, dynamic pipeline of science excellence from grade school to college to the workplace and ultimately to the economy of South Carolina. And it’s a resource our state doesn’t have to import.
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For more information about SC LIFE programs, go online at www.clemson.edu/scLife or contact Ginger Foulk at (864) 656-4224 or foulk@clemson.edu.
Helping good people avoid bad choices by Liz Newall

Clemson’s Rutland Institute for Ethics is building the foundation for the University’s culture of integrity.

Turn on CNN or network news, and you’ll see the latest parade of high-profile personalities who, oops, just made another bad decision. It’s a daily dose of the good, the bad and the ugly.

The uglier scandal, of course, gets the news coverage, but there never seems to be a shortage of good people making bad choices. And it appears to start earlier and earlier in life. In fact, a recent national survey indicates that more than 70 percent of college students admit to having cheated. High school may be even higher.

Clemson’s Robert J. Rutland Institute for Ethics was founded six years ago to reverse the “bad choice” trend, beginning at the college level. One: by making students aware of ethical decision-making as the basis for personal and professional success. Two: by providing the tools and developing skills to approach ethical problems in a systematic, reflective and responsible way.

In just a few years, the Rutland Institute has gotten such good reviews that the national Center for Academic Integrity, formerly at Duke, recently chose Clemson for its new home.

Can Clemson really teach integrity?

“Probably not,” says Dan Wueste, director of Clemson’s Rutland Institute for Ethics. “But we don’t attempt to teach integrity. Integrity is something a person has to achieve and then one has to maintain it, which is a lifelong project. Our aim is to help students develop the awareness and skills they will need to meet these challenges.

“We give students a clearer understanding of how their choices affect other people,” says Wueste. “Knowledge pretty much discounts those common responses — ‘I just didn’t think about it’ or ‘everyone does it.’ Decisions, good or bad, become a matter of personal responsibility.”

The University lets each student know early on that ethical behavior is woven into the Clemson experience and expected of each member.

Entering freshmen view a student-written and produced DVD with an introduction of Clemson ethics by President Jim Barker and a series of vignettes for discussion. These short scenes represent some likely situations they’ll face as college students and allows for discussion of possible choices.

Each student gains an understanding of ethical decision-making as part of his or her undergraduate career because Clemson takes an ethics-across-the-curriculum approach, regardless of major. More than 300 faculty members have already received instruction and resources in integrating ethics into regular courses, and each department is shaping requirements and teaching methods to fit its own character.

The Institute also sponsors an ethics bowl team, the annual J.T. Barton Jr. Ethics Essay Scholarship Competition, and other special events for students throughout the University. Clemson’s new Creative Inquiry focus for all undergraduate students can easily accommodate an ethics component.

The Rutland Institute partners with Student Affairs, Undergraduate Studies, the Graduate School, the Pearce Center for Professional Communication, the Spiro Institute for Entrepreneurial Leadership and other academic units.

The Center for Academic Integrity, which is now within the Rutland Institute, will be working with the Eugene T. Moore School of Education on a pilot program for future teachers. It will prepare them to be proactive in teaching P-12 students about academic integrity, which, in turn, will help them promote integrity in schoolwork and in life.

Not just for students

Beyond the Clemson campus, the Rutland Institute reaches out to middle and high school teachers through the S.C. Institute for Service-Learning and Ethics. It has a continuing education program for architects, and it is expanding its involvement with the business community through collaboration with the College of Business and Behavioral Science.

The institute sponsors forums for the community through the Presidential Colloquium and other outreach opportunities.

Institute director Wueste is a leader in the national ethics field. A sought-after speaker for ethics-related events at universities throughout the country, his work has appeared in a variety of journals including Cornell Law Review, Harvard Journal of Law and Public Policy, Canadian Journal of Law and Jurisprudence, Teaching Ethics and Dimensions of Critical Care Nursing.

Professional engagements recently have taken him to Kuwait, Guam and China. He will be traveling to Ireland and Australia in the fall.

Wueste is president of the Society for Ethics Across the Curriculum and was a member of the board of directors of the Center for Academic Integrity when it was an independent nonprofit organization. He’s joined at Clemson by Rutland Fellows, who are top professors and scholars.

With the addition of the Center for Academic Integrity, the Institute will be able to conduct more research, reach more students, better serve the business community and other professions and ultimately help good people make fewer bad choices.

“We have the Rutland Institute and the Center for Academic Integrity,” says Wueste, “Clemson can further develop its strengths and unique character, while enriching the students who become a part of it.”

The bottom line in Clemson’s emphasis on ethics is this: No program can guarantee that students, professionals and other individuals will make right decisions, but it can develop essential skills and instill in each an awareness of the need to consider fairness, effect on others and personal responsibility.

Preparing students for this lifelong endeavor, Clemson considers a good choice.

For more information about the Rutland Institute for Ethics and Center for Academic Integrity at Clemson, go to www.clemson.edu/caa/rutland or contact Dan Wueste at (864) 656-6147 or ernest@clemson.edu.

Robert J. Rutland

The opening of Clemson’s ethics center, now Institute, was made possible by a gift from Robert Rutland, an Atlanta businessman who places a high premium on ethics. In the early 1960s, Rutland was an industrial management major at Clemson. Past chairman of Allied Holdings Inc., a public company, he believes in the importance of a personal and corporate code of ethics.

“Ethics is the connection of the intellect with the soul of a person in the decision process, both professionally and personally,” says Rutland. “The Institute in an essential part to play in the University to prepare students for the decision-making that will occur post graduation. We also have envisioned reaching out into the community to provide similar assistance to people applying ethics in real-life situations. We have a great window of opportunity today that cannot be wasted.”
Coming clean with energy

From sea-monkeys to peaches to switchgrass to coastal breezes, Clemson scientists are finding clean and viable alternative energy.

By Susan Polowczuk, Debbie Dalhouse and Peter Kent

Clemson scientists are searching for clean, renewable and environmentally sustainable fuels from algae, peaches, hydrogen fuel cells and wind.

Scientists estimate that microalgae could produce 100 times more fuel than soybean oil, but it’s difficult to harvest. That’s where biosystems engineer David Brune, food scientist Feng Chen and chemist Lance Beecher step in. Their trials have shown that brine shrimp, which feed on microalgae, can produce as much as 500 gallons of biodiesel per acre per year with no environmental waste discharge. Brine shrimp are popularly known as the “sea-monkey” sold in comic books. In early tests, the team has demonstrated that they can extract about 70 percent of the fats and oils from the shrimp for use as biodiesel.

Discarded peaches are being converted to fuel by a bacterium called Thermotoga neapolitana. The S.C. Peach Council is funding research by biosystems engineer Caye Drapcho and graduate assistant Abhiney Jain. They are seeking to harness the microbe’s ability to convert sugar from the peaches into gas that contains nearly 30 percent hydrogen. This research has the potential to produce valuable fuel from discarded fruit, benefiting growers, the environment and consumers.

The state’s greatest indigenous energy resource is cellulosic biomass — woody plant material such as crop and timber residues — that can be converted into ethanol. Clemson’s Restoration Institute is leading a research collaborative with Savannah River National Laboratory, S.C. State University, SC Bio and Queensland University of Technology in Australia to develop a cost-competitive process to convert cellulosic biomass into biofuels.

In one of the early studies, about 20 acres of switchgrass have been planted at the Pee Dee Research and Education Center near Florence. Agronomist Jim Frederick, environmental engineer Shelley Miller and entomologist Francis Reay-Jones are working on this phase of the project. The next step is to seek funding to build a pilot processing plant at the Restoration Institute.

The U.S. Hydrogen Fuel Initiative seeks to make hydrogen fuel-cell-powered cars and refueling stations available, practical and affordable to all Americans by 2020. To date, four grants have been awarded to Clemson scientists for hydrogen fuel-cell research.

A $2 million grant from the U.S. Department of Energy (DOE) was recently awarded to Clemson chemical and biomolecular engineer James Goodwin, in collaboration with Clemson chemist Steve Creager and scientists at the Savannah River National Laboratory. Their research seeks to understand the effects that impurities in hydrogen and oxygen streams have on the performance of fuel cells. These cells produce electricity when hydrogen and oxygen are combined to produce water. They can be used to power vehicles with up to three times the efficiency of traditional internal combustion engines, but they are not yet commercially viable.

Chemists Steve Creager, Dennis Smith and Darryl DesMarais were awarded two grants from DOE, totaling $2.5 million. This funding is to develop a fuel-cell membrane to extend the life of fuel cells for cars and to convert hydrogen into electricity.

In a separate project, chemical engineer Mark Thies is studying how to use extreme temperatures to split water and form hydrogen and oxygen, leading the U.S. team that is seeking a safe design to handle the chemical reaction.

The winds off South Carolina’s coast are another source of clean, renewable energy. Generating electricity with advanced wind turbine technology is the fastest growing renewable energy technology in the world, with an annual growth rate as high as 30 percent. Wind research at Clemson is led by Nick Rigas in the Restoration Institute, in collaboration with Coastal Carolina University and the Academic Magnet High School in North Charleston. The work is funded by Santee Cooper, Savannah River National Laboratory and the S.C. Research Authority.

The first wind monitoring station was installed in June on Waties Island in Horry County, and the second went up in July at the Clemson University Restoration Institute in North Charleston. The monitoring towers are equipped with wind gauges, a barometer, temperature gauge and solar sensor. Data will be collected for one year to assess the potential for large-scale power generated from coastal winds, with plans to install a commercial scale wind turbine in North Charleston to support future energy research.

So the answer for renewable energy may be blowing in the wind, growing in the field or swimming in comic books — all potentially viable options for energy needs in South Carolina and beyond.
The Rev. Earl Williams didn’t plan on having an empty lot. A hurricane called Katrina did that for him. But Williams saw opportunity in the devastation ... in his yard and in his community.

Williams is moving into the first Dry-In House, an award-winning project designed by Clemson architecture faculty Doug Hecker and Martha Skinner and developed with the assistance of Clemson architecture students in a Creative Inquiry course.

Dry-In House is a mass-customized, affordable housing system proposed for the reconstruction of New Orleans.

The project addresses inefficiencies in emergency housing currently provided by FEMA. It gets the owner back to his home site quickly while providing essential infrastructure — shelter, water and electricity. Families can participate in the design of their home before the structure is fabricated as well as onsite as the project is “fitted out” over time.

The Dry-In House concept uses the same automated woodcutting technology that enables each rooftop to be unique in newly developed neighborhoods. By extruding the trusses to create walls and floors, landowners can design a home that can be assembled quickly on their own property. The process puts homeowners back in a permanent, but unfinished, home for about the same cost as a FEMA trailer.

Clemson’s School of Architecture is home to the project called ddbNOLA — digital design build New Orleans, La. The ddbNOLA team consists of Hecker and Skinner, students Trevor Jordan, Katie Seaman, Melissa Vandiver, Vinnie Vumbaco and Mandi Young, and a lineup of invaluable sponsors.

The team recently worked with Rev. Williams’ Trinity Christian Community — an organization dedicated to developing and promoting youth leadership in New Orleans’ Hollygrove community — to make the house a reality.

The project has earned international recognition, receiving an award from the concept category of I.D. Magazine’s Annual Design Review (2007). Earlier this year, it was exhibited at the Architectural Institute of British Columbia. Last fall it was exhibited at the world-renowned Venice Biennale. For more on the Dry-In House, go to www.field-office.com/ddbnola.
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Savor your Chili’s favorites at Chili’s Too, located in the University Union. Choose from a selection of flavorful appetizers like Boneless Buffalo Wings and our warm and crispy tortilla chips served with house-made salsa. And try one of our refreshing salads. The Southwestern Cobb is piled high with juicy chicken, corn relish, bacon and lots of other mouth-watering ingredients. We also have Big Mouth Burgers, classic sandwiches, Guiltless Grilled Chicken, a wide array of beverages including beer and margaritas, and other American cuisine with a Southwestern flair.

Party platters and takeout are available.

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Lifelong Connections
With Your Alumni Association

Clubbin’ Clemson-style
Clemson Club folks in the Maryland/D.C./Virginia areas gathered for some “One Clemson Pig Pickin’” fun. The Alumni Association has Clemson Clubs throughout the country where alumni and friends get together to socialize, support Clemson students and learn about the latest news at the University. To find a Clemson Club near you, go to www.clemson.edu/alumni and click on “Clubs and Societies.”

Tigers travel
PASSPORT Travel, the Alumni Association’s official travel adventures program sponsored two recent trips to Alaska. Clemson alumni and friends have a full slate of PASSPORT Travel adventures awaiting them in 2008. Trips and destinations include a Panama Canal cruise; Peru (featuring Machu Picchu); a Tahiti and French Polynesia tall ship cruise; a Ukraine and Romania river cruise; Cortona, Italy; and a Greek Isles cruise. For more information, go to www.clemson.edu/alumni/programs/travel.htm or call (864) 656-2345.

‘Biology’ of top teaching
Clemson students named biological sciences professor Robert Kosinski as their 2007 Alumni Master Teacher. He was nominated for his enthusiasm, extensive knowledge, “amazing” demonstrations and overall skill at engaging students. Student Alumni Council (SAC) members made the final selection and presentation. The outstanding undergraduate classroom instruction award carries a $2,500 stipend, made possible by the Alumni Association, and immeasurable honor.

GA Tiger tags
Georgia-based Clemson alumni will be able to show their Tiger pride through official Clemson license plates beginning January 2008. The Ga. Department of Motor Vehicles will contact people who applied for the plates before July 31 with details on how to get their plates. After early disbursement is completed, the plates will be available to everyone through all Ga. DMV offices. Clemson license plates also are available in South Carolina (of course), Tennessee, North Carolina and Maryland. For more information, call (864) 656-2345.

Sisters forever
Sigma Beta Chi (now Chi Omega) sorority sisters, coeds from the late 1960s and early 1970s, met at the Madren Center for a summer reunion. They’re pictured with their former adviser Edmee Reel (front row, right) and featured speaker Jerry Reel, professor emeritus and University historian (back row, left).

Golfing for scholarships
The Edisto Clemson Club is helping three new students attain a Clemson education. The club, which represents Bamberg, Calhoun and Orangeburg counties, has been awarding a scholarship in each of the three counties for three years. This year, the club helped finance the scholarships with a golf tournament. Members of the winning team are, from left, Robert Williams, Rusty Matthews, Michael Osborne and Glenn Jeffcoat with club president Ryan Strock.

‘Glory Days’
Fellow Clemson and Marlboro County High School graduates show their school colors at their 15-year high school reunion — from left, Mark Palmer, Brad Levaner, Kern Cox, Xavieria McRae, Rob Hinson and Barbara Wheeler.

‘The Deacs’ in Ottawa
These Delta Kappa Alpha alumni have a frat brother who just happens to be a U.S. ambassador. Pictured during a visit with David Wilkins, U.S. ambassador to Canada, are (standing) Cassie and Frank Cox, Butch Roche; David Rochester, Jimmy Addison, Robby Stanscione, Beth and Richie Mahaffey, Mary and Jim Sutherland, Marcia and (Clemson President) Jim Barker; and (sitting with Susan Wilkins, far left, and David Wilkins, far right) Dinny Addison and Kaye Stanscione.

‘97 pledges
These members of the 1997 pledge class of Alpha Delta Pi catch up on life after Clemson during a gathering in Greenville.
Leading the charge

These new council presidents will help

The University stay connected to indi-

vidual alumni groups. Meet them and

learn about their plans for you. For more

information about councils and clubs, go to

www.clemson.edu/alumni/clubs.

From Andrea MacMeccan —

Women’s Alumni Council

Psychology and human resource development gradu-

ate Andrea Schinkel MacMeccan ’99, M’00 of Greenville

is the new president of the Clemson Women’s Alumni

Council. She’s a communica-

tions manager for Bank of

America in Greenville.

She has served as the local arrangements chair

and special projects chair for the

Women’s Alumni Council and is past president of the

Atlanta Clemson Club. She’s a Super Tiger recipient, an

Ask-a-Tiger mentor and an

annual participant in Relay for Life. She’s married to

Robert MacMeccan ’03.

This year, the Women’s Alumni Council welcomes

eight new and 14 returning members to its board.

Plans are under way to celebrate the 10th anniversary

of Bring Your Daughter to Clemson, during the weekend

of May 17, 2008. In addition, area representatives are

making plans for events in their respective areas,

including financial seminars, cooking classes and wine

tastings.

In its 28th year, the Women’s Alumni Council mis-

sion is to enhance the lifelong Clemson experience by

serving, involving and informing our alumni, current

and future students, and friends of the University.

The board consists of 22 member volunteers who

represent 12 different cities in the Southeast including

Atlanta, Baltimore, Charlotte, Charleston, Columbia,

Greenville, Myrtle Beach, Richmond and Virginia Beach.

From Crystal Pressley —

Clemson Black Alumni Council

Graphic communications graduate Crystal

Wright Pressley ’01 of Fort Belvoir, Va., is the

new president of the Clemson Black Alumni

Council (CBAC). She also has an MBA from The

New York Institute of Technology, and she’s an

account executive with Baltmac Inc. in Falls

Church.

She continues to serve on the board of the

Washington, D.C., area CBAC and on the regional board of directors for the

area’s Clemson Club. She’s married to Shermanie Pressley ’97.

CBAC is a dedicated advisory group to the Clemson Alumni Association that develops programs and events to benefit primarily minority students and minority alumni. The council also works to encourage minorities to develop strong connections with the University through volunteering, participating in Clemson social events and supporting student programs.

CBAC’s goals for the upcoming year are to increase participation in student activities on campus, create more awareness of CBAC among current minority students, increase membership, increase annual giving to the Harvey Gantt Scholarship Endowment and generate more involvement in local communities by expanding the CBAC local chapters.

From Jonathan Tribo —

Young Alumni Council

Civil engineering graduate Jonathan Tribo

’04 is the new president of Clemson’s Young

Alumni Council. He’s a senior project engineer

with Holder Construction Co. in Atlanta, Ga.

After graduation, Tribo became involved

in the Atlanta Clemson Club where he has served

as the Young Alumni representative for the past two years. The Young

Alumni Council currently represents alumni age 35 and under.

The Young Alumni Council’s goals for the coming year include

communicating with other schools to determine how top-20

universities define their young alumni and what programs other

schools use to reach out to them.

More goals are creating a comprehensive plan for Young Alumni
group efforts, organizing a Young Alumni “Come Back to

Clemson” weekend in spring/summer 2008, making sure that active

Young Alumni leadership is in each of the local clubs and setting

March as a National Month of Service for the Young Alumni groups

in each of the local clubs.

We will also collaborate with more experienced alumni in differ-

cent clubs to have volunteer training seminars for issues that new

grads are interested in such as how to buy your first house, how to

get out of debt and other concerns.

The Clemson Family

This year

28 is the

“go to”

number.

The number of alumni who make a gift — to the

Clemson Fund and/or IPTAY — is a key factor in

Clemson’s becoming a top public university. Join the

“One Clemson” team and help us reach our goal of

28 percent alumni participation. Use the enclosed

envelope or go online to:

www.clemson.edu/isupportcu and/or ClemsonTigers.com

or call

(864) 656-5896
(864) 656-2115

Clemson Tiger

Year annual gift makes a difference.

The Clemson Family

The Clemson Family

The Clemson Family
Talking numbers

Clemson’s Math Excellence Workshop got these freshmen talking numbers just before they started the fall semester. The program is open to all incoming minority students majoring in computer science, engineering, the life sciences, the physical sciences or mathematics.

The workshop is a part of Clemson’s award-winning PEER — Programs for Educational Enrichment and Retention — whose goal is to assist minority students in achieving a career in an engineering or science field. It’s sponsored by the Enrichment and Retention — whose goal is to assist minority students in achieving a career in an engineering or science field. It’s sponsored by the College of Engineering and computer science, engineering, the life sciences, the physical sciences or mathematics.

SAC says ‘Welcome’

Thousands of people meandered along College Avenue enjoying food, games, giveaways and music during Welcome Back Festival. The annual event to kick off the new school year is sponsored by the Clemson Student Alumni Council (SAC) and Clemson Alumni Association with support from the city of Clemson and area businesses.

SAC is the governing body of Student Alumni Association (SAA). Open to all Clemson students, SAA has many bonuses for students year-round. It offers local business discounts, professional benefits for career planning, leadership opportunities and fun activities. Dues are $20, with $5 going to the Clemson Fund to support student projects and programming. For more information, visit the Web at www.clemson.edu/alumni/studentprograms, email saa@clemson.edu or call (864) 656-2345.

Earnhardt Motorsports Scholar

CONGRATULATIONS to mechanical engineering senior William Botic, the first recipient of Clemson’s Dale Earnhardt Motorsports Scholarship. Botic plans to be an engineer for a NASCAR team or in the automotive or motorsports industry. Through hard work and Clemson’s new partnership with Dale Earnhardt Inc. (DEI), he’s on the right track. In fact, he spent the summer as an intern at DEI headquarters in Mooresville, N.C. (See p. 5 for more on Clemson’s partnership with DEI)

Volunteering in Morocco

Language and international trade major Katherine Cannon wears “Clemson” well in Morocco. She spent time between semesters working as an international volunteer with Cross Cultural Solutions.

The Clemson Family

Tiger Band on TIME

Time.com photographer Chip East visited campus during move-in weekend and followed freshman Tiger Band students as they auditioned, moved into their dorm rooms and met their roommates. East also attended sectional rehearsals and marching practices.

Check out www.clemsonigerianbandgear.com, a new Web site launched by the Clemson University Tiger Band Association (CUTBA) where band fans can purchase unique items emblazoned with the Tiger Band logo, CDs, DVDs and other “cool stuff.” Proceeds go to the CUTBA endowment fund and the Tiger Band Commitment project, an effort by CUTBA to raise scholarship funds for band members.

Flyin’ Tigers best in Southeast

Clemson’s Air Force ROTC Detachment 770 Flyin’ Tigers has been named the Most Outstanding Air Force ROTC Detachment in the Southeast Region. The honor, known as the High Flight Award, is presented each year to one detachment in each of three size categories of small, medium and large.

The detachment competed for the first time this year in the large category against 38 detachments across nine states and Puerto Rico. In November, Detachment 770 will compete for the Right of Line Award, honoring the best detachment in the nation. To learn more about AROTC Detachment 770, go to www.clemson.edu/afrotc.

The Clemson Family

Clemson in Normandy

Lucas Hard, Rahul Loungani and 11 other Clemson National Scholars visited Normandy American Cemetery and Memorial in France and found the markers of three Clemson men — John Osborne, Charles A. Brown and John McKnight — who died during the D-Day invasion (June 1944). In professor Michael Silvestri’s history class, students had researched each of the three Clemson men and made presentations about their time at Clemson and sacrifice for our country.

National Scholars Lucas Hard and Rahul Loungani read the inscription on John Osborne’s grave marker at the Normandy American Cemetery and Memorial in France during a visit in July.

Student Life

Gantt Intercultural Center connects

The University’s Gantt Intercultural Center, in conjunction with various student organizations, began fall semester with a wealth of events for new and returning multicultural and international students, including cookouts, an organizations fair, an ice cream social, welcome mixers, bowling and participation in the First Friday Parade. For more on the Gantt Intercultural Center and Clemson’s multicultural and international services, go to stuaff.clemson.edu/gic.

EUREKA!

Clemson’s EUREKA! Program — experiences in undergraduate research, exploration and knowledge advancement — immerses incoming Calloway Honors College freshmen into the academic world of the University and acquaints them with the beauty and culture of the region a few weeks before the new academic year begins.

To learn more about the Clemson honors program, go to www.clemson.edu/cohonors. For more on EUREKA!, go to www.clemson.edu/cohonors/eureka.

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Talking numbers

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The workshop is a part of Clemson’s award-winning PEER — Programs for Educational Enrichment and Retention — whose goal is to assist minority College of Engineering and Science students in achieving a career in an engineering or science field. It’s sponsored by the Louis Stokes-South Carolina Alliance for Minority Participation, Duke Energy Foundation, the College of Engineering and Science and the state of South Carolina. For more about PEER, go to www.ces.clemson.edu/peer.
Top advocate
*Joel W. Collins Jr. '65

English graduate Joel Collins, a leading attorney in Columbia, has been elected president of the Foundation of the American Board of Trial Advocates, the national organization devoted to preservation of the civil jury trial. He'll take office in January 2008.

Collins, a shareholder in Collins & Lacy P.C., has been a defense-oriented trial lawyer since 1968. He earned a Bronze Star in Vietnam and taught undergrad law courses at West Point before becoming a U.S. attorney, private civil defense lawyer and law firm principal.

Recipient of Clemson’s Alumni Distinguished Service Award, Collins has been instrumental in the University’s William T. Hewitt PreLaw Society. He also supports students through endowments that honor his parents. His wife, *Rhonda Phillips '75*, and his children, Joel ’91, Andrew ’00 and Christina ’02, are Clemson alumni, too.

1942 & 1943
Robert L. Graham '42 (EE) and his wife, Lois, of Morganton, N.C., published a book, Keeper of the Parks — A History of the Parkers of Western North Carolina. It traces the Parkers and some collateral families from the 1700s to the present.

When journalist James T. Hammond started writing his book — Tom’s War: Flying with the U.S. Eighth Army Air Force, Europe, 1944 — he intended it to be about his father and his service in World War II. But along the way, he discovered stories about other men from the Upstate, including Clemson alumni the late Lake Hugh Jameson ’42 and Walter “Booey” Payne ’43. One chapter tells the stories of Jameson and Payne, former Clemson football players, who were prisoners of war in Prussia. It includes other men from Greenville who were also prisoners of war. Hammond attended Clemson in the early 1970s. (For more on Tom’s War, go to *Universe* bookstore, Amazon.com or other online book retailers.)

1952
Charles R. McCreight (ARCH) of Sumter was named Rotarian of the Year for the Rotary Club of Sumter-Palmetto.

1953
Leonard C. Butler Sr. (TMFG) of Burlington, N.C., is Legionnaire of the Year named by Post 63 of the American Legion. The U.S. Army veteran was also the featured speaker for the annual Memorial Day services held at The Village at Brookwood.

1954
Bryn C. Vaigneur of Jackson, who studied animal science at Clemson in the early 1950s, has a passion for football, especially Clemson's. In fact, he has a collection of 135 special footballs including two signed by Alabama's Paul “Bear” Bryant, two from Penn State's Joe Paterno, and, of course, ones from Frank Howard and Danny Ford. He also received an official NFL football from the San Francisco 49ers signed by coach Bill Walsh and former Clemson great Jim Stuckey and Dwight Clark.

1959
Larry B. Copeland (CE) of Greenville is the 2007 Engineer of the Year named by the S.C. Society of Professional Engineers. He has 48 years of experience in the engineering field. He's senior project manager for an industrial engineering design/build project for O'Neal Inc. and is vice president of O’Neal worldwide.

Global health leader
Willibor Milhouse ’70, M ’72

Zoology and poultry science graduate Will Milhouse of Tampa, Fla., is an internationally recognized leader in the field of infectious diseases-chemo-therapy. He’s especially noted for his ability to move drugs from the early stages of research in the laboratory to doctors in the trenches. As associate dean for research at the University of South Florida College of Public Health and global health professor, Milhouse leads a team of public health researchers and general faculty members and oversees the college’s multimillion-dollar research and training centers. Before joining South Florida, Milhouse was research coordinator for the Military Infectious Disease Research Program and a chief science officer at the Walter Reed Army Institute of Research in Maryland.

His daughters, Allyson ’92 and Elizabeth ’97, M ’99, and son-in-law, Brad Best ’92, are also Clemson alumni.

Willis-Clemson tradition
Willis family — Marsh ’76, Hayden ’97, Virginia Lynn ’74, M ’76, Carter ’93

When Hayden Willis of Columbia graduated earlier this year, he continued the Willis-Clemson tradition.

His mother, Lynn Lowrance Willis, has two degrees in education; his father, Marsh, has a zoology degree; and his sister, Carter Willis McGleen, has a degree in marketing. Hayden’s in civil engineering.

Lynn and Marsh met at Clemson in the mid-1970s. She was a prominent student leader and preceded her brother, Oscar Lowrance ’81, in winning Clemson’s Algonquin Sidney Sidlun Award for public service. Hayden’s grandfa-thers Sam Willis ’50 and Fred Lowrance ’51 are alumni, too.

1966
James W. Price Jr. (CHE, M ’68) of North Augusta retired as president of DSM Fiber Intermediate. He previously worked at DSM headquarters in The Netherlands.

1967
Oscar N. Vick III (INED, M ’70) of Charleston published his 57th cookbook, Charleston Tomatoes, Gullah Cooking. He is owner of oseawick.com, the retail outlet for his publica-tions.

1968
Danny L. Rhodes (FR) of Seneca received a Ph.D. in management from Widen University. He’s associate professor of management and associate dean for the College of Business at Anderson University.

Chief judge
Robert J. Conrad Jr. ’80

History graduate and Tiger athlete Bobby Conrad has been nominated by President George Bush to the U.S. Court of Appeals for the Fourth Circuit. He’ll hear appeals from the federal district courts of North Carolina, Maryland, South Carolina, Virginia and West Virginia.

Conrad is chief judge of the U.S. District Court for the Western District of North Carolina. He’s a highly respected jurist widely praised by lawyers and fellow judges for his intellect, fairness and judicial temperament. In Clemson, Conrad was an Academic All-American in basketball and a Rhodes Scholarship candidate. He currently serves on the President’s Advisory Board.
**National energy expert**

Karrie-Jo Robinson Shell ‘82

Chemical engineering graduate Karrie-Jo Shell of Decatur, Ga., is the national energy expert for the U.S. Environmental Protection Agency’s Office of Water. The first African American female to graduate from Clemson in chemical engineering, she also has a master’s degree in environmental engineering from Georgia Institute of Technology.

Shell is a registered professional engineer and is married to electrical engineering professor W. Bernard Shell ‘81, a manager for AT&T.

**From big business to big screen**

David P. Mendez ’87

Mechanical engineering graduate David Mendez of New York, N.Y., an entrepreneur and venture capitalist, has turned his sights to Hollywood to produce feature films. His new production company, Monterrey Pictures, is currently working on its first project, “700 Hill,” based on historical events in the Mexican-American experience in the early 1900s.

Mendez’s early career included work at DuPont and General Electric. He also co-founded Supplybase Inc., later sold to 12 Technologies, and worked for Katalyst, a small venture capital and consulting firm. His latest project stems from his lifelong interest in film. A few years ago, he began research on the lives of his ancestors. From his findings, he created a fictional story — “700 Hill” — blending historical fact and his family’s story from the Mexican Revolution to immigration to the coal mining towns of West Virginia.

Mendez is married to management alums Phoebus Sanders ’87. For more on his project or production company, go to www.monterreypictures.com.

**Singing on the high seas**

Margaret Lynn Scoggins ’89

When secondary education-English graduate Margaret Lynn Scoggins of Rock Hill was a Clemson student, she sang with the Clemson University Chorus and A Cappella Singers. Little did she know that experience would help send her to sea.

Scoggins, who taught several years in York, was cast in a Crowns show during summer break. Loving the experience, she soon put her teaching career on hold and pursued more singing engagements. She attended a Southeastern Theatre Conference in Savannah and was hired by a production company that provided entertainment for cruise ships.

Her first contract took her to the Caribbean, her next to Europe. She’s now been in the cruise industry for 11 years and has seen the world. She meets people from Clemson, most recently professor emeritus Joe Ardenbo and his wife, Consuela.

“I travel an average of nine months out of the year,” says Scoggins, “but I take Clemson with me everywhere I go.”

Art M. Wray (PSYC) of Clemson received the 2007 Duke Energy Citizenship and Service Award. He’s vice president/mortgage loan manager at First Trust Mortgage.

In 1985 M. Harris Leonard (ME) of Yorktown, Va., was vice president of Northrop Grumman Newport News AMSEC Operations.

**Repairing bone fractures**

Harry Thomas “Li” Hall M ‘92, M ’95

Ceramic engineering and biomaterials engineering graduate Li Hall of Chester Springs, Pa., is an expert in mending broken bones.

He works for Synthes Inc., the leading global medical device company in the world for bone fracture repair, and he’s patented two devices for the fixation of hip fractures.

One is for rotational stabilization of bone segments comprising a bone plate and a locking collar. The other is an intramedullary fixation device that uses a sliding tibial blade element to stabilize the fracture.

Clemson’s College of Engineering and Science (CES) honored Hall earlier this year with an Outstanding Young Alumni Award. He’s pictured left with CES dean Lon Galuri and fellow recipient Ed Sutt M ’96, PhD ’00.

**1971**

Ralph K. Ostrow (M ENG) of Imo served as representative for Virginia Wingard United Methodist Church and the Columbia District to the annual conference. He is a member of the Board of Higher Education and Campus Ministry.

**1976**

Joseph O. Rogers III (PE/ARCH) of Columbia has launched a second career after years of managing large government building challenges as an architect. He own a specialty steel company, Rogers Steel, which manufactures game day tailers for taking grills and other tailgating necessities to games. His Game Day Trailer is online (www.gamedaytrailers.com/24.html).

**1977**

J. Rusty (MICRO, M ’82 NUTR) and Mary Katherine Gramling (79 ELED) Bishop are living in Verona, Wis. He’s director of the University of Wisconsin-Madison Center for Dairy Research, and she’s a guidance counselor at Oxbrooke Middle School and Rome Corners Intermediate School.

**1978**

Mary Roberts Barrow (FINMGT) of York is 2007 Outstanding Teacher of the Year at Clover High School. She’s yearbook and newspaper adviser and a Reynolds Institute Fellow at the University of Missouri.

Dennis M. Cameron (AGE) of Clover is a colonel in the U.S. Army Reserve. He has more than 28 years of active and reserve service and recently served as the deputy commander for the U.S. Army’s Facility Engineer Group, Southwestern Command.

**1981**

William E. Day III (EE) of Daluth, Ga., is a colonel in the U.S. Air National Guard. A 35-year military veteran, he’s the chief information officer for Information Technology Division and director of communications services for the Joint Force Headquarters—Georgia.

**1983**

J. Mitchell Bobannon (CE) of Mount Pleasant is president/chief executive officer/chairman of the board for Thomas & Hutton Engineering Co.

William T. Milam (EE, M ’85) of Maryville, Tenn., participated in installing a water purification project for the Kasayi West Medical Clinic in Coya, Peru. The design came from a nonprofit called Living Waters for the World.

**1986**

R. Mark Hughes (ADM/MGT, M ’96 HBD) of Anderson is vice president for enrollment management at Gardner-Webb University in Boiling Springs, N.C.

Leon P. Kythas (ET) of Wake Forest, N.C., is a accreditation development manager for ABB Industrial Power & Control.

Tim M. Owens (M ESE) of Summerville is a consultant with the Charleston office of Keestrel Horizons LLC, an engineering firm.

J. Kurt Wood (ADM/MGT) of Winter Park, Fla., is international and global equity portfolio manager and product specialist with DePrince, Race & Zollo. He’s president of the Association of Investment Management Sales Executives.

Jeffrey L. Halliburton (CE) of Savannah, Ga., is vice president and land services manager for Thomas & Hutton Engineering Co.

Mike C. Roach (SOGC) of Greenville received special commendation at the 2007 ERA International Business
Gary N. Alford (ME) of Goose Creek is an exam development engineer with the National Council of Examiners for Engineering and Surveying. He's also president of the Southeastern Association of Engineering Examiners for Engineering Surveying.

In his new position as Virginia Tech’s director of residence life, McClinton will provide leadership for one of the largest residential life staff members in the nation, including 47 residence halls. At Clemson, McClinton received a Ph.D. in educational leadership, a master’s degree in human resource development and a bachelor’s degree in textile management. He worked in residential life for 13 years.

He's also president of the Southeastern Association of Housing Officers, which serves college and university housing officers in 10 states.
The Clemson Family

Agricultural and Life Sciences Undergraduate Teacher of the Year: The Clemson Family.

Cayce Rae Crenshaw (FINMGT) of Greenville was named the University of South Carolina, and he's president of Summerville is a principal of Hendricks and Timberland Tracts.

David W. Scott (CHE) of Anderson is a development engineer with the National Council of Forest Landowners.

Trehel Construction. Company for the building, Trehel Construction. Company for the building. Robert L. Dobson is located is Scott's father, a Clemson family endeavor!

Parkside Pediatric — defnitely Greenville is a partner in Scott R. Dobson (Finances at Elon University.

Bill Simpson of Greenville is a partner in Charleston, and he's president of Hendricks and Timberland Tracts.

Ryan R. Hauck (FINMGT) of Greenville was named the University of Georgia.

The Clemson Family

Clemson on Capitol Hill

Laura Evans '07

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Ashley Champion Jones ’94, a son, Galvin Champion, June 12, 2007.


Ryan S. ’95, M ’97 and Merri Anna Petty ’98, a daughter, Emily Katherine, Nov. 21, 2006.


Jeff C. ’95 and Sandi Thompson ’97, a daughter, Elizabeth Jayne, May 4, 2006.


Christine Ciani ’96 and Jon B. ’96, a daughter, Anna, Marc, Nov. 10, 2006.


Catherine Hayes Brown ’97, a son, Eli James, June 10, 2007.

Stacy L. Guy ’97, a son, David Bennett, March 10, 2007.


Jane Cramer Varian ’97, a son, Connor Thomas, Sept. 27, 2006.

Rebecca Austin Crosby ’98, a daughter, Chaney Addison, Sept. 3, 2005.

Kelley Snelling ’98 and Jacob Y. M ’02, a son, Jackson William, Nov. 21, 2006.


Meredith Buckner Smith ’98, a daughter, Cameron Kathleen, May 9, 2007.


Doug A. ’99 and Hayden Harbin ’00, a daughter, Owen Thomas, May 28, 2007.


Sabrina Schaller and William Ashby IV Hudson ’00, a son, Aidan Ashby, Nov. 7, 2006.


Chris D. ’01, M ’02 and Ashley Bailey ’02, a daughter, Anna Elizabeth, May 2, 2007.

Julia Schmidt ’02, a son, Nick J. ’05, a son, Quentin Aley, Feb. 5, 2007.

Natalie Weigle Patterson ’02, a daughter, Adrienne Rebecca, Feb. 22, 2007.

Jacob O. Foose ’05, a daughter, Katelyn Nicole, Dec. 28, 2006.

Betty Anne Tagha McMahon ’92, a daughter, Annie Moran, July 13, 2007.


Daniel F. IV ’93, M ’95 and Amy Armbruster ’95, a daughter, Elizabeth Joye, March 18, 2007.
Passings

John W. Talbert '32, Greensboro, N.C.
James Frank Gilreath Sr. '35, Travelers Rest
Willis Cantey Davis Jr. '39, Greenville
J. Cleon Hunter '40, Liberty
Hezekia J. Ross Jr. '40, Columbus, Ga.
Melvin C. Cantrell '41, Spartanburg
Mitchell F. Simmons '41, Lookout Mountain, Tenn.
Charles F. Tisdale '41, Clemson
John Hertz Warren Jr. '41, Charleston
Wilson Cannon Wearn '41, Atlanta, Ga.
Ernest T. Dupre '44, Tall City, Ind.
William Harry King '44, Spartanburg, Ind.
Roman Melech '75, Greeleyville
Benny D. Leslie '75, Kansas City, Mo.
George Terry McAmish '73, Williamstown
William H. Madden III '72, Charleston
William S. Holliday Jr. '69, Greenville
James Michael Pollard, Belton, history professor emeritus
Roger P. Leemhuis, Greer, ball coach
Nan Boggs Guthrie '83, Greenville
Deborah Batchelor Connelly '76, North Augusta
Clarence R. Garrett Jr. '78, Greenville
Stephanie Porter Frampton '80, Westerville, Ohio
Steven M. Wynkoop '81, Greenville
William A. Bersik '86, Capitola, Calif.
Amelia Jane Smith Gibson M '86, Greenville
Jon Eric James '89, Wallahs
Tradd D. Gibbons '95, Daniel Island
Robert M. Blair '97, Simpsonville
Deborah M. Hamilton '85, Charleston
Muriel H. Liddy '85, Edisto Island
Richard A. Johnson '85, Edisto Island
Stephanie Porter Frampton '90, Seneca
Ernest R. Reeves '50, Alexander
Raymond F. Taylor '50, Augusta, Ga.
Thomas Edwin Christenberry Jr. '47, Talladega, Ala.
Verde H. Earle '48, Tyler, Texas
Harry B. Her Jr. '48, Tuscaloosa, N.C.
William A. Gaines Jr. '49, Seneca
Lewis V. “Hootchie” Morgan '49, Anderson
Robert T. Thomas Jr. '49, Williamson

Joe M. Glenn '50, Greenville
Roy E. Pittman Sr. '50, Marion
William S. Roberts '56, Gastonia, N.C.
Benjamin T. McDaniel '57, Durham, N.C.
William Douglas West '58, Greenville
Cecil H. Johnson Jr. '50, Daytona Beach, Fla.
Myles Jackson Scruggs '60, Knoxville, Tenn.
Richard C. Stanton '61, Greer
Francis W. Perkins '64, Edisto Island
Melvin D. Parkman '66, Augusta, Ga.
Harry L. Moore Jr. '67, Taylors
Elton Eugene Mitchell Jr. '68, Morris, Okla.
Bobby H. Robinson '68, Lusor Grove, Va., former head of agriculture economics department
William S. Holliday Jr. '69, North Myrtle Beach
James W. Orr '69, Columbia
William H. Maddren III '72, Greenville
George Terry McAmish '73, Kansas City, Mo.
Benny D. Leslie '75, Pickens
Roman Melch '75, Anderson
Deborah Batchelor Connelly '76, North Augusta
Clarence R. Garrett Jr. '78, Greenville
Stephanie Porter Frampton '80, Westerville, Ohio
Steven M. Wynkoop '81, Greenville
Nan Boggs Guthrie '83, Asheville, N.C.
David M. Hamilton '85, '86, Clemson, longtime tutor with the student-athlete enrichment program
William A. Bersik '86, Capitola, Calif.
Amelia Jane Smith Gibson M '86, Greenville
Jon Eric James '89, Wallahs
Tradd D. Gibbons '95, Daniel Island
Robert M. Blair '97, Simpsonville
Whitney Ann Krozier, North Atteboro, Mass., senior
Amy Marie Moxie, Simpsonville, freshman
Adam Joseph Newton, Cheraw, senior
Faculty and Staff
Bobby Hussey, Charlotte, N.C., former assistant basketball coach
Roger P. Leemhuis, Seneca, history professor emeritus
James Michael Pollard, Belton, engineer in University utilities

The Clemson Family
Gone sailin’

T.I. Martin ’37, a retired colonel, joins his daughter Jacque and her husband, Joe Barrett, aboard their 67-foot sailboat for a monthlong cruise of the Chesapeake Bay.

‘O Canada

During a visit to Canada, the Greenville First Baptist Church youth choir spent an afternoon at the Ottawa residence of Canadian Ambassador to Clemson Trustee David Wilkins ’68 and his wife, Susan. Pictured with Susan (left) and David (right) are choir Tigers Jerry Wylie ’84, student Christina Devo and Bert Taylor ’74.

Pearchteer 10K


T.I. Martin ’37

and his wife, Susan. Pictured with

Dale Ellenburg ’71

Susan Addy ’80

Susan Addy ’80

Susan Hepler

Laura Smith ’05

Lisa Britt ’01

Consuelo, enjoy a cruise to the Greek Islands and Istanbul, one of many cruises the couple has taken. Joe often gives lectures on South America, Mexico and the Caribbean as part of various cruise programs.

Hunchin’

History emeritus professor Joe Abeda and his wife, Connie, enjoy a cruise to the Greek Islands and Istanbul, one of many cruises the couple has taken. Joe often gives lectures on South America, Mexico and the Caribbean as part of various cruise programs.

Cruisin’

Clemson’s director of health education, Parvin Lewis, visits the Babu’s Shriners in Haifa, Israel, during a recent trip to the Holy Land.

Old Faithful

Alumni and Clemson employee John Trice ’74, M ’76 checks out that world-famous geyser in Yellowstone Park.

ITdared ice

Roger Troutman ’74 (right) relishes champion dogpound master Lance Marley to show Clemson colors at an Itdared ice Dog Show checkpoint in Kemp. Troutman has volunteered as a trail veterinarian for the Itdared and the Yukon Quest for several years.

Diamond Head

Frank ’77, Susan Abby ’80, Brandon, and Candice Bautwight stand atop Diamond Head crater on Oahu during a visit to Hawaii.

Swiss Tiger

Suzanna Fulton Campbell ’88 looks cool at the Zermatt ski area in Rotebaden, Switzerland.

Macchu Pichu, Peru

David R. Moore II ’88 M ’90 and Andrew, his son, climb Waynapichu during a visit to Macchu Pichu in Peru. They were on a mission trip in Cusco, where David designed a new pediatric clinic for medical missionaries.

Concepcion, Peru

During a medical/construction mission, these Clemson people — (back row) Joy Higgs ’94, Brice Elvington ’32 and Clemson parent Bob Barrett — make a whole lot of friends for Clemson.

Tiger Marine pilot

Marine Capt. Kelly A. Hancock ’99 is currently in Al Qaim, Iraq, serving with HMLA-369 from Camp Pendleton. He pilots the UH-1N Flying Reconnaisance, VIP and convoy escort, and Close Air Support (CAS) missions.

Gone hikin’

Lisa Britt ’01 and Laura Smith ’05 celebrate Memorial Day with a hike in Park City, Utah.

Cliff of the Dawn

Mason ’02, M ’05 and Holly Smith ’02 Allstoch catch a Mexican sunrise on Isla Mujeres at the Cliff of the Dawn next to a Mayan ruin.

Jamaica Tigers

Three Clemson friends are chilling at Dunn’s River Falls in Jamaica, from left, Eddie Glover ’04, Meagan Smith ’03, Ashley Bumpgardner ’05, Patrick Thomson ’05, Whitney Hightower ’06 and Josh White ’05.

Day at the Forum

Clemson student Graham Sharpe dresses appropriately for his visit to the Roman Forum while his father, George Sharpe ’91, snaps his photo during their recent travels.

Adelaide connection

Roger Liska, professor and director of the Center for the Improvement of Construction Management & Processes, finds new art in Australia. He is an adjunct professor at the University of South Australia, Adelaide, where Clemson students participate.

Tiger chemists in Prague

Chemistry professors Dennis Smith and *Darryl DesMarteau show some Clemson spirit on the Charles Bridge in Prague, Czech Republic. They were attending the 15th European Symposium on Fluorine Chemistry.

Computer savvy in Sicily

Faculty, from left, BrianBean, MarilynReba, Barbara Weaver and Ray Pargue, add a touch of Clemson to the entrance into the Aula Magna, part of the Palazzo Centrale of the University of Catania. They presented papers at the 1st International Conference on Pen-based Learning Technologies in Catania.

CLEMSON WORLD TRAVELERS

The Clemson Family

From China with love

The Hanzl family — Kayla, Renee Brinson ’88, Emily and Paul ’89 — unite to show their Clemson sprit at the Great Wall of China. The Hanzl’s traveled to China to adopt baby Emily.

Bahamas Tigers

Clemson friends join Jamie Mathews ’91 and Dave Smith at their wedding on Ship Channel Cay, Bahamas. The preacher just happened to wear purple.

Charity and Faith

Class of 1992 alumni — *Mark H. Johnson, Mark Partin and Susan Hegler — are pictured with schoolchildren at the Charity and Faith mission in Namotodi, South Africa.

St. Lucia

Ross and Kelly Soppes Lenhardt ’92 show some orange and Clemson pride at their wedding on Ship Channel Cay, Bahamas. Pictured with schoolchildren at the Charity and Faith mission in Namotodi, South Africa.

Consuelo, enjoy a cruise to the Greek Islands and Istanbul, one of many cruises the couple has taken. Joe often gives lectures on South America, Mexico and the Caribbean as part of various cruise programs.

Holy Land

Clemson’s director of health education, Parvin Lewis, visits the Babu’s Shriners in Haifa, Israel, during a recent trip to the Holy Land.

McKenna, right, with her husband, Andy, enjoying the Great Wall of China. The Hansons traveled to China and Clemson parent Bob Barrett — make a whole lot of friends for Clemson.
Holcombes boost academic gifts to $6 million

Milton W. and Betty M. Holcombe have added $1 million to their support for electrical and computer engineering at Clemson. That boosts to $6 million their total giving for the Milton W. Holcombe Electrical and Computer Engineering Department (ECE), the only named department in the College of Engineering and Science. This latest gift establishes the Milton W. and Betty M. Holcombe Fund for Excellence to promote the department’s research and educational mission — including (but not limited to) student salaries and travel, faculty salaries and travel, supplies, an invited speaker series, and educational and research equipment.

In addition to longtime support of Clemson through annual giving and volunteer service, the Holcombes created the Milton W. and Betty Holcombe Chair in Electrical and Computer Engineering in 1987 with a $1 million cash gift. Their support attracted Michael Pursley, a world-class communications research scientist, who holds the chair.

Princes in WestZone

Friends and family delighted in the unveil- ing of the Phil and Celeste Prince Lobby in the WestZone. The Princes were surprised with the honor during a celebration of the WestZone campaign success, featuring key WestZone proponents. Phil, president emeritus, has lent his support to many key WestZone proponents. Phil, president emeritus, has lent his support to many key WestZone proponents. Phil, president emeritus, has lent his support to many key WestZone proponents. Phil, president emeritus, has lent his support to many key .

Record Support from donors

Clemson’s annual fund raising reached an all-time record of $113.9 million in private gifts to academics and athletics in the fiscal year that ended June 30. A $39.3 million gift of land at the former naval base in North Charleston boosted the total over the $100 million mark.

Academic programs

The Clemson University Foundation (CUF) received $86 million in support of academic programs: $68.4 million in cash; $6.4 million in pledges and $11.1 million in gifts-in-kind. Excluding the North Charleston land gift, there was a 28.9 percent increase of gifts to academics over last year.

The overall total also includes $12.5 million added to the University’s inventory of planned gifts and bequests.

WestZone and athletic scholarships

IPTAY, which raises money for athletics, reported $15.1 million for scholarships, a 28.9 percent increase of gifts to athletics over last year. Excluding the $39.3 million gift of land at the former naval base in North Charleston, there was a $39.3 million gift of land at the former naval base in North Charleston.

This year also marked the successful completion of the $32 million WestZone capital campaign.

The percentage of alumni donors increased to 27.6 percent. Alumni donors gave $96 million to CUF, an increase of 28 percent over last year’s alumni gift amount.

“Thanks to continuous support from alumni and friends,” says President Jim Barker, “Clemson is able to offer students a unique college experience, to faculty the resources they need and to the state of South Carolina support through public service and economic development.”

Alston creates internship

Longtime Extension specialist and host of the award-winning “Making It Grow!” ETV program, Rowland Alston ’70, M ’72 has established a summer broadcast internship in honor of his father, a 1942 alumnus.

The Clemson University/Rowland P. Alston, St. Memorial Internship provides hands-on training in broadcast production and creative services for the popular ETV Radio program “Your Day” produced by Clemson University Radio Productions. Pictured with Alston (right) is the program’s first intern, Wilson Lomax.

Thank you, North Charleston

Clemson formally thanked the City of North Charleston, the Hunley Commission, and the Friends of the Hunley for committing 88 acres of land, the Watenski Conservation Center (now Clemson Conservation Center) and a dry dock and wharf, all valued at $39.3 million, in support of the Clemson University Restoration Institute.

The state of South Carolina also approved a $10.3 million bond (S.C. Research University Infrastructure Act) for the effort. This represents the largest single gift in the University’s history. During the ceremony, Clemson presented plaques of Tillman Hall made by Charleston artists Scott and Kaye Penegar as a thank-you gift to each group.

Grants’ Clemson Legacy

Peggy and Tony ’64 Grant (seated) add their names to the Clemson Legacy Registry at Fort Hill. Joining them are their son and daughter-in-law, Chris and Edith Ann (both ’85 graduates), and granddaughter, Jasmine Grant, who hopes to go to Clemson. Grandson Chip, not pictured, is a student at Clemson, too.

The Clemson Legacy, a Family Tradition

Clemson University started as a family matter. The Nov. 13, 1838, marriage of Thomas Green Clemson and Anna Maria Callaway both united a handsome, intellectual couple and set in motion a series of events that would lead to the establishment of the Clemson Agricultural College of South Carolina. For Mr. and Mrs. Clemson, education was a family affair. They loved each other, they loved learning, and they took steps to ensure that their legacy would forever be linked to the pursuit of knowledge in service to the common good.

Many Clemson families today are following that example. They are deciding to secure Clemson’s future by naming the University in their wills or as a beneficiary of a revocable trust, retirement account or life insurance policy. Those who make such commitments are recognized as members of the Clemson Legacy.

In honor and gratitude, members of the Clemson Legacy Society receive a print of excerpts from Mr. Clemson’s will, scribbled in calligraphy and sealed with the intaglio from his signet ring.

In addition, Clemson Legacy members are invited to sign their names in the Clemson Legacy Registry — an archival, leather-bound ledger that serves as a permanent record to be treasured and celebrated by future generations.

The Legacy Registry was unveiled Nov. 10, 2006, at the commencement of a yearlong celebration of the bicentennial of Mr. Clemson’s birth on July 1, 1807. The Legacy Registry is permanently housed at Fort Hill, home of Thomas and Anna Clemson and where they were married. The Registry is available for signatures of Clemson Legacy members by appointment. Throughout the year, members are invited on specific dates and times to come to Fort Hill for a ceremonial event to add their names to the Legacy Registry. The application of one’s signature in the Registry personally symbolizes with the stroke of a pen the power of philanthropy and the perpetuation of the legacy initiated by Thomas and Anna Clemson.

For more information about how a planned gift might fit into your overall giving, please contact the Office of Gift and Estate Planning, PO Box 1889, Clemson, SC 29633-1889; call JoVanna J. King at (864) 656-2663 or (800) 699-9153; or email jovanaj@clemson.edu.

You can also find more information about gift plans to benefit you, your family and Clemson University on the Gift Planning Web site at clemson.planyourlegacy.org.
Veterans Day and every day

A happy college student and a combat-worn veteran sit back-to-back in front of Mell Hall. The “two-faces” statue — commissioned by the Class of 1944 in memory of classmates who fell and in honor of those who survived — quietly reminds us of all Clemson veterans.