FEATURES

12  What a decade!
See highlights of the past decade as Clemson has transformed into one of the nation’s best public universities.

18  ‘Expeditions’ goes big time
Travel with Patrick McMillan and his TV nature series to increase environmental awareness.

19  Risky business
Learn how Clemson researchers are working to make food and pharmaceuticals safer.

EXTRAS ON THE WEB

See what’s happening on Clemson YouTube at www.youtube.com/clemsonuniversity.

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Cover photo: Thomas Green Clemson statue in front of Tillman Hall — by Patrick Wright

www.clemson.edu/clemsonworld
Constant state of beginning

Over the past 10 years, Clemson President Jim Barker has addressed a variety of University topics with our readers. He’s introduced big ideas, shared campus history, outlined Clemson’s plans to succeed despite challenges and often talked about accomplishments of Clemson students and other members of the Clemson Family.

But, in all his “President’s View” pieces for the Clemson World audience, he hasn’t said much about himself. So, for this issue, we’ve asked a series of questions, hoping the answers might reveal a little more about the person we know as Clemson’s 14th president.

Q: You’ve sketched quite a few historical Clemson scenes around campus from Bowman Field to Death Valley. How do you go about it? And what’s the best Clemson scene you haven’t sketched yet?

A: Finding a subject is easy. There are so many views of traditional sites. And then there are new campus features like the Harris Smith Building, the Class of 1957 Rotunda, the Scroll of Honor Memorial that’s going up now.

Finding time is the hard part. I usually try to begin a sketch during holidays when the students are off. If I can get 30 or 40 minutes to draw on-site, I can usually finish it in one or two hours.

Drawing is therapy. And I have memories associated with every Clemson scene, whether it’s from when I was a student or from an event in the past year. As I draw, I reflect. It’s like a little holiday.

A scene I’d like to sketch — decades from now — is one of Clemson University on both sides of Lake Hartwell. Someday, I think Clemson will be a campus connected by a body of water rather than just bordering it.

Q: Is it true that you answer the door to the President’s Home when you’re there? Any notable surprises on the other side of the door?

A: Yes, either Marcia or I answer the door. A lot of the stories of our life in the President’s Home start with the doorbell ringing. Students come by at least once a week. They’re always respectful.

Last night I opened the door to find students on a scavenger hunt looking for an unusual photo — something connected to the President’s Home. So our dog, Mookie, and I joined them for a group photo.

Q: Before you began serving as the University’s president, you were a Clemson student, athlete, alumnus, professor, dean and parent. Which of these roles has had the greatest impact?

A: Really, I draw on all of them. Because I was a student athlete — an extremely average pole-vaulter — I understand the extra pressure and time restraints student athletes have. And as an alumnus, I know how much pride we have in our alma mater, along with our expectations.

I’ve experienced the heartfelt concerns that parents have when our children are in college. Being a faculty member has given me insight into teaching and relating to students, the drive to contribute to your field of study and earn tenure. The same is true for being a dean, only more so, with added responsibilities.

But the role with the strongest impact is definitely being a student at Clemson. I remember walking across Bowman Field as a freshman and feeling a sense of encouragement and support — a sense that Clemson would help me find my best self, even in that uncertain state of being new. That’s the basis for most everything Clemson does — helping students find their best selves as they experience change and growth.

Q: Fans know that when they see the Tiger mascot, it just might be the president inside. How many push-ups do you think you’ve done as the Tiger? Any upcoming events where we might find you inside the Bengal stripes?

A: I don’t remember the number of push-ups. Seems like a lot. I’ve worn the Tiger mascot suit during two football games, a basketball game and a pep rally. Luckily I didn’t have to do push-ups at the basketball game!

I’ve learned that when you’re posing for pictures in the Tiger suit, you don’t really need to smile, although it’s hard not to. And I’ve gained a new appreciation for the students who carry on the tradition. It’s a lot of hard work. And a lot of fun.

Becoming the Tiger mascot is pretty spontaneous for me. I hope to cheer on the Tigers from inside the suit at some of the other athletic events this year.

Q: During the past 10 years of your tenure, Clemson has made amazing strides in its mission of education, research and outreach. At the same time it has undergone a substantial amount of adversity. As the point person, how have you kept your cool?

A: Public universities, like most everything else, constantly face change. It’s not an easy process. Part of my job is keeping Clemson prepared for change while finding the right balance with its strong core of tradition.

I have plenty of role models who navigated the University through times of change before me. They kept students at the forefront, and, as a result, Clemson came out stronger and better. I’ve learned that as long as we keep the focus on the students, we’re going in the right direction.

And I run — a great way to relieve stress and restore optimism. Most mornings, I go for a predawn run around campus (with Mookie). Everything seems fresh and new as the sun comes up behind the buildings and I begin to light this beautiful campus.

Q: During your inauguration in 2000, you shared a vision for what Clemson could become. Then you began your tenure with the concise statement: “Let’s get started.” Now, 10 years later, what’s your directive for this new decade?

A: It could be: “Let’s finish what we started.” Clemson is a better university because we had a plan relentlessly focused on what we do exceptionally well (which is not everything), and we fully leveraged every available resource (which was never enough) to enhance quality and deliver results for students and the state.

The challenge will be to maintain positive momentum in the most challenging economic climate most of us have ever experienced — a major, perhaps permanent, cultural and structural shift that we have begun calling “the new normal.” So, for the next decade at Clemson, “Let’s keep going” might be more appropriate. But “Let’s get started” still seems right. There’s real value in getting started and again — a constant state of beginning.

Q: Anything else you’d like to share with Clemson World readers?

A: Marcia and I wake up every morning feeling blessed to have a role in this great idea called Clemson. We can hardly believe it’s been 10 years.

What I’ve learned over the past decade is that the successes Clemson has had and will continue to have are all direct results of students, faculty, staff and alumni. This success is the result of working as “One Clemson.” These Clemson Family members have come together, faced problems, suggested solutions and helped bring about action.

It’s been my great honor to be their spokesperson.

James F. Barker, FAIA
President
Clemson gets $9.3 million NIH grant for tissue regeneration center

Clemson is known as the international birthplace of the field of biomaterials, providing building blocks of medical devices for knees, hips, nervous tissue and hearts.

Clemson lands $98 million funding to develop next-generation wind turbines

THE CLEMSON UNIVERSITY RESTORATION INSTITUTE will test next-generation wind turbines and drive trains in a move expected to create hundreds of jobs and place one of the most important sites for wind energy research and development in South Carolina.

Upon approval, Clemson will relocate and consolidate its MBA programs, the Renaissance Center, an office of the Spiro Budget and Control Board, which are expected to consider the request soon.

Clemson epicenter for business education in downtown Greenville

IN NOVEMBER, CLEMSON’S BOARD OF TRUSTEES APPROVED LEASING space at 55 East Campdenow Way in Greenville that will be home to the Master of Business Administration program, professional and continuing education, and resources for small businesses and entrepreneurs.

The move will allow Clemson to better serve the Upstate business community and will require no additional state funds, new degree programs or curriculum changes, and it already has strong support from Greenville city and business leaders.

The lease still must be approved by the South Carolina Commission on Higher Education, the Joint Bond Review Committee and the State Budget and Control Board, which are expected to consider the request soon.

Upon approval, Clemson will relocate and consolidate its MBA programs, the Renaissance Center, an office of the Spiro Institute for Entrepreneurial Leadership, regional offices for the Small Business Development Center, and Professional Advancement and Continuing Education under one roof.

New industry collaboration facility for Sonoco Institute

CLEMSON RECENTLY UNVEILED THE RONALD & KATHERINE Harper Industry Collaboration Room on the top floor of the Sonoco Institute of Packaging Design and Graphics in the new Harris A. Smith Building.

Ron and Katherine Harper, well known in the printing industry, have helped shape and support Clemson graphic communications for decades. Their latest gift of $1.1 million is associated with the sale of family property at Lake Wylie.

The new collaboration room will facilitate cooperation with industry in the institute — a hub of interaction among faculty, students and others related to the industry.

The gift will also support the graduate program in the graphic communications department, especially in the area of flexographic printing.

C-U-ICAR, top emerging technology research center

The International Association of University Technology Research Parks recently presented its Emerging Research/Science Park Award to the Clemson University International Center for Automotive Research (CU-ICAR). The award recognizes a research park that has been in operation less than five years and that has excelled in bringing technology from the laboratory to economically viable business activities, promoting the growth of businesses, jobs and public revenue.

Deep Orange offers radical approach to automotive engineering education

DEEP ORANGE — A NEW LONG-TERM INITIATIVE at the Clemson University International Center for Automotive Research (CU-ICAR) — will offer students the opportunity of a lifetime.

Deep Orange will transform the Carroll A. Campbell Jr. Graduate Engineering Center, which houses the automotive engineering master’s and doctoral degree programs, into an innovative model original equipment manufacturer and supplier. Leaders will collaborate with a wide spectrum of the automotive and motorsports industry.

Students, faculty and partners will engineer and manufacture a new vehicle prototype each year, giving the students experience in vehicle design, development, prototyping and production planning.

The first Deep Orange vehicle is expected to be completed in the spring. For more on CU-ICAR, go to www.cui.car.com.

Like mother, like child?

CLEMSON PROFESSOR MARIA MAYORGA AND MEDICAL University of South Carolina professor Kelly Hunt have received a $735,000 grant from the National Institutes of Health to study the effects of a mother’s obesity or diabetes on the health of an infant, and how the risk factors vary across ethnic groups.

Mayorga, an industrial engineer, and Hunt, an epidemiologist, will team up for three years to create a computer simulation model that predicts the impact of having these health conditions during the prenatal period on future generations of Caucasian, Hispanic and African American women.

For more information, contact Mayorga at mayorga@ clemson.edu.
Clemson scientists are making improvements to a new breast cancer diagnostic tool that eliminates the discomfort of traditional mammograms.

Diffuse Optical Tomography (DOT) uses infrared light instead of X-rays to create images of the biological sample. The method is less expensive, safer and more comfortable than the X-rays in traditional mammograms, but the resolution is not quite strong enough to detect smaller cancers.

Clemson mathematic sciences professor Taufiquar Khan says there are no harmful side effects to DOT, and that the procedure will eliminate unnecessary radiation, as well as the false positives and negatives of X-ray mammography. In the future, DOT may be applied to other technology such as ultrasound.

New professorship in parks and environmental ethics

A WIDELY RESPECTED VETERAN of the National Park Service and early advocate of conservation measures in the parks, John M. Kauffmann has created a professorship in parks and environmental ethics at Clemson.

Kauffmann’s $524,500 gift will establish the George B. Harttag Jr. Professorship in Parks and Environmental Ethics. Kauffmann served the National Park Service for 20 years and was chief planner for two of the parks when Harttag was director of the service.

The professorship will be housed in the Department of Parks, Recreation and Tourism Management and affiliated with the George B. Jr. and Helden C. Harttag Institute for Parks. The gift was announced during the 30th annual Harttag Lecture and Awards ceremony in November.

Researchers share in $14 million USDA grant for fruit research

UNIVERSITY PLANT SCIENTISTS are part of the largest USDA grant awarded to improve fruit crops. Federal officials and stakeholders provided $14.4 million for RosBREED. The project seeks to revolutionize the translation of DNA-based information into practical applications for crops in the rose family (which includes peaches).

Clemson’s funding share will help address critical issues in development of improved peach cultivars suitable for Southern growing conditions and train the next generation of peach breeders in combining traditional breeding techniques with DNA-based tools.

The Specialty Crop Research Initiative project will run four years and involve scientists from 11 U.S. institutions, including land-grant universities and USDA labs, along with six international partners from the Netherlands, South Africa, New Zealand, Chile, France and the United Kingdom.

Clemson gets national recognition for diversity efforts

For the second year in a row, the University has been recognized for its commitment to diversity by Minority Access Inc., a national nonprofit organization dedicated to promoting diversity and access to public and private institutions of higher education.

Clemson was cited for efforts including the Chief Diversity Office, the Call Me MISTER® program, its Access and Equity Office, its One Clemson program, numerous multicultural programs offered by the Gantt Center for Student Life, the Charles H. Houston Center for the Study of the Black Experience in Education and other programs.

NSF funds research on plastics that conduct electricity

CLEMSON CHEMISTRY PROFESSOR Rhett Smith will receive $989,000 in a National Science Foundation (NSF) CAREER Award to study a new class of materials that conduct electrical currents and can be used in thin, lightweight and flexible plastic electronic devices.

“Some of the most exciting applications that are targeted are ultrathin, flexible displays like television and computer screens or displays in hand-held electronics,” says Smith. “Another exciting application is thin-film solar cells to harvest energy from the sun as a renewable, potentially cheaper alternative to petroleum and coal-based energy requirements.”

The Faculty Early Career Development Program offers NSF’s most prestigious awards in support of the early career-development activities of teacher-scholars.

Clemson student earns reporter spot on Royal Caribbean

Senior communication studies major and aspiring journalist Joyce Allison of Simpsonville won the opportunity to represent the U.S. as a reporter covering the debut of the world’s largest cruise ship, Royal Caribbean’s Oasis of the Seas, in November.

Royal Caribbean International and USA TODAY sponsored a competition for students around the world to submit videos showcasing reporting skill and on-camera personality. Voters across America selected Allison from 10 finalists to report on the ship’s amenities on its first preview cruise.

She was joined by the winners from Canada, Germany, Mexico and the United Kingdom. For her online blog, go to reportersonoocytes.google.com.

Clemson facial recognition research

IT OFTEN TAKES A PRISTINE LOOK AT THE IRIS TO PASS THROUGH SOME security systems. Today, with the help of the Clemson University Image and Video Analysis Lab, systems may just need a wrinkly to verify identity.

The lab is working with a $2 million grant from the Office of the Director of National Intelligence and has joined with other universities to create the Center of Academic Studies in the Identification Sciences. The aim of the center is to strengthen biometric identification, the measurement of physical characteristics to confirm a person’s identity.

At Clemson, computing professor Damon Woodard has led the way in developing pericellular- and iris-recognition techniques, which can achieve high performance when using less-than-ideal quality data.

“Historically, we have looked at the iris for identification, but what if the subject blinked? We then can look at eye region features such as skin folds and wrinkles for more accurate identification along with the irises,” says Woodard.
Medical secrets from the Monarch

The National Science Foundation has awarded Clemson researchers $2.4 million to study ways to mix the juice mechanism imbibed by butterflies and moths to feed so that the same method can be used in medical diagnostics. The research will help develop a new class of drug- and device-delivery systems for orally administered drugs, such as those drawn from a single cell or tissue.

“Butterflies and moths have an amazing system in that they can adapt their proboscis, their long feeding tube, to accommodate hard-to-reach places,” says principal investigator Konstantin Korosec. “It can also adjust to the difficult flow of both thin and thick liquids. We want to engineer that same ability, and we can learn a great deal from nature.”

The research is part of an ongoing project to develop fiber-based medical devices at Clemson’s School of Mechanical Science and Engineering and the Center for Advanced Engineering Fibers and Films.

New international dual-degree programs for undergrads and graduate students

Clemson’s College of Business and Behavioral Science has created two new double-degree programs that immerse students in foreign cultures and allow them to gain new perspectives on business.

The Transatlantic Double Degree in International Business offers undergraduate students an opportunity to earn two bachelor’s degrees in four years while studying between the Aarhus School of Business in Denmark, Universidad Carlos III de Madrid in Spain and Clemson. (For more information, go to www.clemson.edu/studyabroad or contact Mark McKnew at mrmckn@clemson.edu.)

The college already has a double-degree study-abroad program for undergraduates in economics with Université Catholique de Louvain in Belgium and Maastricht University in the Netherlands.

The college also recently unveiled a new graduate program in which MBA students can study in Greenville for one year and one year in Paris at the IeseG School of Management and receive an MBA and a Master’s in International Business. (www.clemson.edu/cbbs/departments/mbsual-abgre.html).

Clemson professor named to ‘50 Most Important African-Americans in Technology’

Professor Juan Gilbert, chairman of the Human-Centered Computing Division in the School of Computing, is included in the latest “50 Most Important African-Americans in Technology” list by eAccess Corp. for his efforts in research, education and outreach.

Two of his research projects have made the successful transfer to business. One is an accessible electronic voting system called Prime III. The other is a data-mining and software-analysis tool that allows education admissions officers to address diversity and capacity while adhering to academic standards and the law.

April dedication for Clemson Corps memorial

Clemson’s new Scroll of Honor Memorial, overlooking Memorial Stadium, will be dedicated April 22, during a ceremony honoring the 468 Clemson alumni who gave their lives for our country.

More than 10,000 Clemson men and women have served in the armed forces. Many have been highly decorated for their service and sacrifices. Some received the nation’s highest military honor — the Medal of Honor — for acts of heroism in combat. Several were captured and held as prisoners of war.

But those who should receive the greatest honor are the alumni who made the ultimate sacrifice. The Clemson Corps maintains the Scroll of Honor, which includes names of alumni who were listed on ‘top’ WWII through the current years in Afghanistan and Iraq. The new memorial will serve as a permanent reminder of these Clemson alumni.

This Clemson Corps-ship maintains a Web site that will have an individual page for each name on the Scroll of Honor, allowing family and friends to submit their own photos and narratives of these loved ones. Visit the Web site at clemson.edu/scrollofhonor for more details about the dedication and to see how you can support Clemson Corps and the Scroll of Honor Memorial.

Camp Odyssey

Another great summer is ahead for the kids who attend Camp Odyssey at the University’s Outdoor Lab. Camp Odyssey is a one-week residential camp for children between the ages of 6 and 12. This year’s camp will take place July 11-17. The program offers children the opportunity to enjoy fun and challenging group activities with other campers and leaders.

Activities may include, but are not limited to, hiking, fishing, canoeing, swimming, arts and crafts, outdoor games, archery, overnight camping trips and much more. Cost is $480 per child with a discount given to additional children from the same family.

Space is limited, so sign up early! For more information, go to www.clemson.edu/odyssey and click on “camps” or contact the Odyssey camp director at 864-646-7502 or cudancf@clemson.edu.

Dance the night away

DANCE MARATHON ORGANIZERS are hoping to raise $50,000 for Greenville Memorial Children’s Hospital. The funds will be used to enhance the children’s experience during their time at the hospital.

The all-night event to be held March 5-6 at Fike Recreation Center will include games, speakers and activities, as well as the all-night dance-off. Clemson students register as dancers to raise money, and the children’s families are invited to attend. (For more details, email cudancf@clemson.edu.)
A GROUP OF UNDERGRADUATES AND GRADUATES SPENT FIVE DAYS in Cange, a remote village in the Central Plateau of Haiti, working to update a water system designed for a population of 2,000 that has now grown to 12,000. Back on campus, students designed a new pump house, a cartridge filtration and UV treatment system, and a new pipe support system. They plan to return in the spring and summer as part of Clemson Engineers for Developing Countries to implement the designed facility. Future work includes redesigning the water stations throughout the community so that they will be more sanitary and less congested. For more information or to help support their travel, contact Lansford Bell at lansf@ Clemson.edu.

The perfect lab

GREEN PARTNERSHIP FOR BIOFUELS

CLEMSON AND ARBORGEN LLC, two of South Carolina’s most recognized names in forestry and biofuels research, have partnered to develop purpose-grown woody biomass as feedstock for the biofuels industry.

The cooperative will support the state’s ethanol industry based on existing cellulose conversion technology, foster multi-agency collaboration and engage students in research and internships. This partnership also will see Clemson involve ArborGen in the Bioenergy Collaborative, an interdisciplinary team investigating commercial bioethanol production in the state.

Breast reconstruction after cancer

CLEMSON RESEARCHERS KAREN BURG AND BRIAN BOOTH have received a grant from the Avon Foundation for Women to support research on using engineered tissue with anti-cancer properties in reconstructive breast surgery.

The tissue-biomaterial designed to reduce tumor occurrence is injected following a lumpectomy. The anti-cancer tissue is combined with healthy cells from the patient, and research shows that it gradually fills the defect as the material is absorbed into the body.

Clemson researchers had previously shown that engineered breast tissue that has now grown to a population of 2,000

Math and science go 3-D

RESEARCHERS FROM CLEMSON and Appalachian State are using virtual worlds to excite seventh-graders about math and science. They began an ambitious teaching experiment last summer supported by a three-year, $1.49 million grant from the National Science Foundation. The universities are partners in the Carolina Virtual Worlds Consortium.

“We’re using 3-D virtual worlds to entice them, open their eyes to the career possibilities, while they are still young,” says English professor Ken Weaver from Clemson’s Debi Switzer from the graduate school and co-principal investigator. He’s collaborating with Clemson’s Debi Switzer from Appalachian State.

So far, the project has involved middle schools in Oconee and Pickens counties. For more information, go to www.stem-ict-3d.org or e-mail sean@clemson.edu.
A decade ago, Clemson leaders realized it was time for South Carolina to have a top public university with all the benefits that a national-caliber institution brings to its state and its citizens.

The goals in pursuing a top-20 public research university were (and still are) to:

- Increase the value of a Clemson degree and the Clemson experience for each student.
- Expand and strengthen the state’s economy.
- Improve the quality of life for South Carolina citizens and beyond.

To do so, Clemson refocused its resources and energy to align its strengths with the needs of the state in particular and the nation in general. As a result, the University can better prepare students for top careers in new and expanding fields, convert research findings into practical innovation, and improve the economy and day-to-day life of South Carolinians.

Here are highlights of the past decade — evidence that having a dream, pursuing a vision and always keeping students first can produce incredible results.

Raising the stakes

In 2001, Clemson was considered 39th in quality among doctoral public universities. Today, we’ve surpassed Rutgers, Virginia Tech, Michigan State, N.C. State, Auburn and others to take our place at 22nd in the same category.

Because of the increased value of a Clemson degree, more students than ever before are applying. Undergraduate applications have risen by more than 42 percent and graduate applications by 23 percent. Those who are admitted are graduating at higher rates, too, from 71 percent a decade ago, to the current 79 percent.

The first class of Clemson National Scholars entered the University in 2000 through a new program to attract the brightest student leaders from across the country. Among them — and other top students — have been Goldwater Scholars, National Science Foundation (NSF) Graduate Research Award recipients and national finalists for the Truman, Rhodes and Marshall scholarships.

Clemson increased study abroad opportunities with the founding of the Thomas Green Clemson Brussels Center in Belgium, a partnership with ICHEC Brussels Management School and UCL, in 2005.

Phi Beta Kappa, the nation’s oldest and most respected undergraduate honors organization, established a chapter at Clemson in 2007.

Clemson is attracting and keeping national-caliber faculty. Over the past decade, 31 Clemson faculty members have been awarded NSF Foundation CAREER Awards, recognizing young faculty members who are excellent researchers and teachers. And 21 have been named Fullbright Scholars.

In just the past two years, at least 15 faculty members have been elected Fellows of prestigious national and international organizations. Esin Gulari, the engineering and science dean, is on the National Science Board, which advises the U.S. president and Congress.

Through the state’s Endowed Chairs program, Clemson has recruited four internationally recognized scholars to lead key research areas to stimulate South Carolina’s economy and create high-tech jobs that raise per capita income at all levels.

As a result, Clemson academics have made a dramatic rise in national standings, from no ranked academic programs a decade ago to currently 13 with national recognition.

In 2009, DesignIntelligence designated Clemson a “World Class School of Architecture with High Distinction.” Its graduate program in architecture is ranked 11th nationally, and the planning and landscape architecture program is 12th among undergraduate programs.

U.S. News & World Report (2010) again includes the University in the “Writing in the Disciplines” list of outstanding academic programs commonly linked to student success, recognized for making writing a priority at all levels of instruction and across the curriculum. This is a continuation of the quality that earned Clemson TIME magazine’s Public College of the Year for 2001.

Clemson’s undergraduate business school is No. 27 among Top Public National Universities, according to BusinessWeek magazine in 2009. And the MBA program is No. 7 for “most competitive students” according to The Princeton Review (2008).

Clemson’s Master of Real Estate Development program was featured in the Journal of Real Estate Literature (2009) as one of the top new programs in the nation.

Eight Clemson graduate engineering programs are among the nation’s best 45 (in public universities) with three in the top 25.

Students come first

Clemson has made improvements for students on every level from tutoring, supplemental instruction and research opportunities to housing and recreation facilities.

The Hendrix Center, a three-story, 108,000-square-foot gathering place for students, opened its doors in 2000. It houses conveniences and services for students, including the Michelin® Career Center, home to career services that rank No. 3 in the nation among public universities by The Princeton Review (2010).

In 2001, the Rutland Institute for Ethics began serving students, faculty, staff and the community through Ethics Across the Curriculum programming and community forums. In 2007, the international Center for Academic Integrity, a consortium of more than 360 institutions, relocated its headquarters to the Rutland Institute at Clemson.

Clemson’s Academic Success Center began providing students with the latest in customized academic assistance in 2001. It has now earned international recognition as an outstanding learning center.
Fike Recreation Center with Swann Fitness Center was completely revamped in 2003. The Clemson Class of 1941 Studio for Student Communication faculty, a corporate-like space for learning, teaching and research, opened in 2004. It's especially well suited to collaboration with the work of media producers.

Clemson’s academic computing environment leaped to No. 1 and No. 2 in the past decade—a campus facility that opened in 2004—is a focal point for biotechnology research that is creating breakthroughs in health, agriculture, the environment and other bio-based industries. The campus is home to the internationally recognized Clemson Genomics Institute for research on plants, animals and insects.

Price noted that Clemson’s academic computing environment leaped to No. 1 and No. 2 in the past decade—a campus facility that opened in 2004—is a focal point for biotechnology research that is creating breakthroughs in health, agriculture, the environment and other bio-based industries. The campus is home to the internationally recognized Clemson Genomics Institute for research on plants, animals and insects.

The University and Greenwood Genetic Center became partners in 2005 in an effort to find causes and cures for birth disorders and to help improve the quality of life for newborns. In 2007, the university launched the Carolina Collaborative for the Study of Birth Defects, a partnership of researchers from Clemson, the University of South Carolina and Children’s Hospital of Greenville.

The University opened the Renaissance Center in Greenville in 2006 to bring together business and community leaders throughout the Upstate for economic development. The University closed the cyber gap in South Carolina in 2007 by joining the national high-speed research community through direct fiber connections, providing direct access to the National LambdaRail, Internet2 and other national and international research networks.

In 2008, Clemson began construction on the Innovation Center to anchor a research and innovation complex at the Clemson University Advanced Materials Center in Anderson County. It will boost the county’s role in the state’s advanced materials industry. Right now, the University has 18 partners—private tech-based companies—that have licensed Clemson University intellectual property over the years and 37 spinoff companies.

One of Clemson’s strongest character traits that has evolved with the University’s growth is service. That sense of community drives the University’s Public Service Activities (PSA) programs, located throughout the state for easy access for all citizens. PSA works with researchers, professors, specialists—and, of course, students—in all academic fields to bring the latest solutions to community problems.

In the past decade, as Clemson’s research has surged, so have PSA’s efforts to get new information to South Carolinians. Those efforts include getting the latest news in food production from the campus to growers, sharing new findings and teaching techniques for a greener environment to homeowners and businesses, helping communities with everything from economic development to managing new construction. And PSA’s traditional service to youths and families has stepped up to the social challenges of the past 10 years.

Clemson’s Institute on Family and Neighborhood Life (IFNL), celebrating its 10th anniversary, is home to one of the country’s leading anti-bullying experts and programs. In 2009, the American Academy of Pediatrics endorsed a bullying-prevention program overseen by IFNL.

IFNL was also cited by the American Orthopsychiatric Association for its “innovation, leadership, and dedication in the implementation, adaptation and study of strategies to strengthen community support for families in South Carolina, the nation and the world.”

Clemson’s Youth Learning Institute (YLI), founded in 2001, reaches more than 26,000 young people annually in programs ranging from two-week residential experiences to one-day school training. Programs are designed for honor students, special needs youth, foster children and many more.

Hundreds of external partnerships have resulted in more than 80 groundbreaking programs. For example, the Youth Development Center, a collaborative program of YLI and the S.C. Department of Juvenile Justice (DJJ), is an alternative placement facility for juvenile status offenders assigned to DJJ for short-term sentences.

Established in 2004, the center has served more than 1,000 young people, many of whom came to a campus as a result of not being successful in school. It helps them get a second chance on life and avoid the precarious environment of a juvenile prison.

The YLI’s latest project is connecting S.C. children and their teachers at the S.C. Teacher Renewal Center to be constructed in the Jocasse Gorges in Pickens County. Just like Clemson’s faculty, PSA specialists and other professionals, Clemson students seem to be born with a sense of service. Or they catch it when they get to campus. The past 10 years have been especially rich with student projects that make a difference in surrounding communities and far beyond.

Consider the University’s chapter for Habitat for Humanity—named Chapter of the Year in 2008. Or Engineers Without Borders, begun on campus in 2000 to help Katrina-wrecked New Orleans. Or Alternative Spring Break, a program that provides students the chance to exchange their vacations for service-learning experiences. Or Solid Green, the student-driven anti-litter and environmental sustainability campaign begun in 2005, which hosted the National Teach-In On Global Warming Solutions in early 2009. Or other student efforts through their studies, service-learning projects or common interests.

Practically all Clemson student athletes take part in community outreach. Last year, while the Rowing team was winning championships, members were also averaging 33 hours per athlete in community service. And in September, football student athlete Xavier Dye was one of a select few named to the Allstate AFCA Good Works Team. His community work ranges from elementary schools to mission trips to hospitals to a children’s home and much more where he teaches, helps, coaches, runs and builds.
The latest figures show that more than 10,500 Clemson students engaged in service resulting in 126,300 student service hours during the course of one school year.

Go TIGERS!

Clemson loves to win. It’s in our DNA. President Barker has often said, “We don’t care what the game is; we just want to win. Give us a challenge, show us the rules and get out of the way.”

In the past decade, the University undertook a capital improvement campaign in athletic facilities — the WestZone, Doug Kingsmore Stadium, the new rowing and track facilities, upgrades in Littlejohn Coliseum. Clemson made greater investments in Vicky Hall, the student-athlete enrichment center, which resulted in higher student-athlete grade-point averages and graduation rates. Clemson also waged a “Solid Orange” campaign to raise school spirit to new levels.

And in the meantime, our student athletes and coaches did their part. For example:

• 2002 ACC Championships – Men’s Soccer and Men’s Indoor Track
• 2002 National Players of the Year – Khalil Greene, National Champion, Men’s Track
• 2002 College World Series – Baseball
• 2003 ACC and NCAA championships – Golf and NCAA Coach of the Year — Larry Penley
• 2003 ACC Championships – Women’s Tennis and Men’s Track
• 2004 Olympic Gold Medal – alumnus Shawn Crawford (He also medaled in the 2008 Olympic Games.)
• 2004 Final Four — Women’s Tennis
• 2005 National Champion, Women’s Track — Giselle Oliveira
• 2005 NCAA Final Four — Men’s Soccer
• 2006 Division I Athletic Directors Sportsmanship Trophy
• 2006 ACC Championships – Baseball (regular season and tournament), College World Series and ACC Coach of the Year — Jack Leggett (3rd time)
• 2007 ACC Championships – Women’s Volleyball and ACC Coach of the Year — Jolene Hoover
• 2007 NIT Finals — Men’s Basketball
• 2009 NCAA Championship — Rowing’s Varsity 4+ and ACC Championship — Rowing
• 2009 National Champion, Men’s Track — Jacoby Ford
• 2009 U.S. Open Champion — alumnus Lucas Glover

One of only 13 Football Bowl Subdivision programs with nine consecutive winning seasons and three Bowl Championships

But athletics hasn’t cornered the market on competitive zeal. Students take just as much satisfaction in winning academic and organization challenges with other universities. Clemson has hosted the Concrete Canoe and Steel Bridge national championships for engineering undergraduates, and has won regional and national titles in both events. Because of our spirited Ethics Bowl students, Clemson has become known as a powerhouse for the intercollegiate competition. Clemson’s Pershing Rifles are legendary. Whether it’s a design-build or Traffic Bowl or club sports contest, our students are in it to win.

Since 2000, Clemson students have racked up:

• two consecutive Concrete Canoe national championships
• third Steel Bridge national championship
• eight Pershing Rifles championships
• Ethics Bowl championship (only university that has reached quarterfinals at each national competition in the past seven years)
• Traffic Bowl championship
• Black Engineers National Chapter of the Year
• Most outstanding college yearbook — TAPS — four years in a row!
• Air Rifle team national championship
• And lots of regional championships and top-10 national finishes in other academic and club competition

Clemson alumni are just as competitive. In fact, for the past two years, Clemson alumni have ranked No. 4 in the nation in alumni support to public universities as measured by alumni giving, according to U.S. News & World Report.

Go Tigers!

Clemson is rated the No. 1 “jock school” based on such factors as “students pack the stadium” and “everybody plays intramurals” by The Princeton Review (2009).

The Institute for International Sport named Clemson University an All-American Sportsmanship School (2007-2008) in recognition of its strong commitment to a culture of sportsmanship.

Their dream was to establish a “high seminary of learning” to educate the state’s youth in the practical application of science and technology, knowledge that would help restore the agrarian economy and improve day-to-day living.

After Mrs. Clemson’s death and Mr. Clemson’s many failed attempts to find support for a scientific and agricultural college, he probably came to the conclusion that only after his death and the execution of his will would their shared dream become a reality. Upon his death in 1888, he left his estate and his fortune for the betterment of education in South Carolina. And the rest is Clemson history.

Since then, the University has evolved through many big ideas and bold visionaries who helped bring about much-needed change while still maintaining the tradition, history and nature of Clemson.

In the past 10 years, Clemson has made stunning strides for students and the state by taking on big ideas and meeting the challenges they bring.

Consider the creation of CU-ICAR — described as a “tech- nopolis” in the South — which has taken Clemson's automotive engineering (and related fields) to a national level, while creating jobs, improving auto safety and adding to the economy. The institute was highlighted at the Society of Automotive Engineers 2005 World Congress. In Automotive Engineering International, the editorial director wrote about Clemson’s innovative concept and follow-through: “The unique … approach to industry-academic collaboration should be nurtured, and I encourage other automotive companies and industry groups to build their own relationships with their local universities.”

Or consider Creative Inquiry projects with real-world impact. For example, a team centered in the psychology department in collaboration with colleagues in civil engineering drew widespread attention for their study of text messaging and use of other electronic devices while driving. The results were presented to the 2008 Annual Meeting of the Transportation Research Board in Washington. At least two states have banned texting while driving based on the results of the study, and six more are considering similar legislation.

In praise of our Creative Inquiry program, education author Lynn O’Shaughnessy wrote, “Unfortunately, the experiences that Clemson students enjoy are not nearly common enough among undergraduates elsewhere.”

Or the bold thinking of Clemson researchers. Jan Medlock’s findings (earlier this year) on optimal flu vaccine priorities were published in more than 4,000 media outlets and challenged the Centers for Disease Control to rethink immunization recommendations. The latest research of Martine LaBerge, Shalaby W. Shalaby and other Clemson bioengineers is providing building blocks of medical devices for knees, hips, tissue and hearts.

Or the determination that new Clemson facilities will be green. In addition to function and cost, Clemson facilities designs are now expected to follow the U.S. Green Building Council’s Leadership in Environmental and Energy Design (LEED®) rating system, and all buildings to be designed to meet LEED Silver certification at a minimum. As a result, Clemson has the state’s first public LEED-certified building, the first public LEED Gold-certified building and six additional facilities that have met criteria or are under review for certification.

These and many more big ideas have shaped the University over the past decade. But none is bigger than the audacious idea that Clemson should aim for the top — the top-20 in public universities — so that students, alumni, the state (and people far beyond) can experience the benefits.

And no vision has been greater than that shown by the Clemson Family — students, faculty, staff, alumni and administrators — those who formed 11 task forces to deal with everything from budget cuts to academic goals, environmental issues to safety measures, and much more; those who’ve volunteered as mentors, donors, ambassadors; and those who’ve cheered on the Tigers, sport after sport, season after season.

As Clemson approaches a new decade, you can be sure it will change with bold vision and more big ideas. But it will do so, as it always has, while remaining rooted in an amazing family tradition. The balance of these two distinct forces — change and tradition — will continue to make Clemson the university you’re proud of and the alma mater you love.

or
“Expeditions with Patrick McMillan” — a public-television nature series produced by Clemson University Video Productions — now reaches audiences from coast to coast.

The weekly series has expanded to PBS stations that serve more than 54 million television households including seven of the nation’s top-10 markets: New York City, Los Angeles, Philadelphia, San Francisco, Boston, Houston and D.C.

The most recent season features:
• coastal diversity in Port Royal Sound
• frogs as environmental bellwethers in South Carolina and around the world
• arid land tortoises from South Carolina to California
• Pigeon Mountain caves and ecosystem in northern Georgia
• temperate rainforests of Chile
• little-known wonders of the Clemson Forest and Table Rock State Park

Host and series writer Patrick McMillan holds a Ph.D. in biological sciences from Clemson, where he also teaches. His research has been featured in National Wildlife and South Carolina Wildlife magazines, as well as regional news media. He served as curator of Clemson’s Campbell Museum of Natural History from 2006 until August 2009, when he became director of natural resource programs for the University’s Youth Learning Institute.

McMillan (right) in Dominica with guest expert Elvis Steadman

“Our goal in producing ‘Expeditions’ is to increase awareness of the critical importance of environmental issues, their global interconnections, and the need to develop a sustainable balance between nature and mankind.”

— Patrick McMillan, series host and creator

For more on “Expeditions,” go to www.clemson.edu/expeditions. For schedules, check ETV and PBS listings in your area.

When her beloved dog, Lady, became ill from melamine-tainted dog food, professor Aleda Roth realized firsthand just how critical her research into the risks of the global supply chain has become.

“Outsourcing and offshoring of production in the U.S. have escalated over the past decade,” says Roth. “We already know that millions of U.S. jobs have been lost as a result, along with some basic manufacturing capabilities. But what about the quality of the final product?”

To find the answer, Roth and fellow researchers are studying how outsourcing food, pharmaceuticals and other consumer goods — and producing them offshore — affects product quality.

Why all the recalls?

“Our global supply chain has become extremely complex,” says Roth. “Over the past several years, the rash of high-profile quality issues has illustrated just how winding and knotted the chain can be.”

Executive decisions to reduce production costs by outsourcing or sending to offshore facilities have, perhaps unknowingly, increased quality risk in everything from tomatoes to toys.

Roth says that many companies may not fully understand quality risks in their sourcing decisions. “Recalls are not only costly, but the faulty product can cause human suffering.”

Consider these three recent headline scares:
• Since 2004, more than 9 million laptop batteries have been recalled because of overheating and risk of fire. No major brand was immune.
• The tainted pet food scandals showed that literally hundreds of well-known brands were produced by only one contract manufacturer, who sourced only one minute ingredient from China.
• In early 2008, Baxter’s heparin, a blood-thinning drug, was blamed for multiple illnesses and at least 81 deaths in the United States. Investigations have revealed that the heparin produced at an offshore plant of the American company Scientific Protein Laboratories had been tainted with a cheap fake additive that may very well have been introduced intentionally.
Hidden costs of cheaper food and drugs

These and other recalls reveal many weaknesses in the current system, which pose challenges to supply chain experts.

“Specifications, testing and inspections alone are obviously not a guarantee of final product quality. Nor is supplier certification, which is often used as a signal of quality,” says Roth. “Poor traceability to the sources and lack of transparency in long supply chains cloud discovery, reporting and recovery times. And the widespread use of a single defective raw material or component in multiple geographic locations has a far-reaching footprint.”

Roth and her research partners (at Ohio State University and Dartmouth) have designed and implemented two empirical studies in the U.S. drug industry to determine if and to what extent outsourcing and offshoring increase quality risk — in other words, inhibit the product from being in the highest quality risk group in contrast to only a 9 percent probability for their onshore domestic plants. Roth expects product quality risks to be substantially higher in long global supply chains — with greater geographic distance; culture, language and economic differences; and an excess of external product quality issues associated with complex distribution systems before reaching end customers.

Making a difference

Together these two studies — as well as Roth’s prior and ongoing work on global food supply chains — indicate that from a policy standpoint, the FDA needs to ramp up fast the frequency and intensity of its overseas inspections for pharmaceuticals and food products. The studies also reveal that executives must become more aware of the real but difficult-to-measure quality-risk costs that are inherent in sourcing.

Roth says, “Our findings raise legitimate concerns about the many challenges associated with the decision to source production.”

So far, the team has presented this research at a major professional conference, and papers from the studies have appeared in the 2009 Academy of Management Best Paper Proceedings and the Journal of Supply Chain Management. Mainstream media are starting to pick up the research.

“We believe that as our findings move into mainstream media, the general public and the people who make policy will take notice and begin to bring about change — and consumers will demand it,” says Roth. “It’s a first step. There’s much more to do.”

Roth is one of many outstanding Clemson professors who are making a real-world difference. By recruiting and retaining the best faculty members, like Roth, the University provides students with engaged learning and access to great minds. And as our researchers take on critical problems like these, they help improve the quality of life for us all.

Top percent

Aleda Roth is the Burlington Industries Professor of Supply Chain Management in the College of Business and Behavioral Science at Clemson. An internationally regarded supply chain expert, she recently received the Lifetime Achievement Award from the Production and Operations Management Society and was named 2009 Distinguished Fellow of the Manufacturing and Service Operations Management Society, the first woman to receive the prestigious scholarly recognition in operations management.

Making a way to succeed

A less resolute young man might have allowed tragic circumstances to alter his goals. But not Seth Huffman.

While in summer school, Huffman received a call telling him his father had died in his sleep, an event he calls “the hardest thing I’ve ever faced.” Circumstances worsened when he learned he was no longer eligible for the student loans that his father had co-signed.

Just two weeks before the start of the semester, Huffman received another life-changing call. This one from President Jim Barker’s office, telling him he had been awarded a scholarship from the Leadership Circle, a fund designed to support University leaders’ top priorities.

Huffman and his family fully appreciate the difference the Leadership Circle made for him. “My family is from Connecticut, but they became huge Clemson fans when I started here,” says Huffman. “When my dad was laid to rest, we outfitted him in his two most prized pieces of clothing — his ‘Clemson Dad’ shirt and his Clemson ball cap. I hope he knows what Clemson has just done for me — and what I plan to one day do for Clemson.”

What is Clemson?

Your annual gift of $10,000 or more makes you a part of the Leadership Circle. To find out more, call 864-656-2121 or go to www.clemson.edu/giving/leadershipcircle.
Brave is a word you could use to describe Matt Summers. Before joining the Clemson Family to earn a master’s degree in real estate development, he spent five and a half years as a Green Beret. He served multiple tours, distinguishing himself with three Bronze Stars for valor and a Purple Heart for injuries sustained in Afghanistan.

He called on the skills he learned as an undergraduate at Bucknell University to help him grow as a leader during his time with the U.S. Special Forces — developing strategy, leading missions, training Afghan nationals, and designing and constructing camp housing for Special Forces teams and their support personnel.

When his military service ended, Summers decided to follow in his father’s footsteps and pursue a career in real estate development. He says, “I felt I needed a way to transition back into civilian life — a way to re-sharpen my professional skill set.”

Summers chose to come to Clemson after meeting with faculty. “The chemistry was great,” he says, “and the program’s reputation is spreading like wildfire.” Summers graduated in May 2009 with a 4.0 GPA and the Ric Ritter Award for Spirit and Service. “Grad school was a great idea; Clemson was an even better idea. The stars kind of lined up for me to come here.”

To support students like Matt Summers, call 864-656-2121 or visit www.clemson.edu/isupportcu/students.
Experience Clemson Athletics two new ways!

Orange...The Experience — the glossy, 64-page magazine for IPTAY members — features stories about IPTAY donors, looks behind the scenes at your favorite Clemson sports and student athletes, and enhances your Clemson experience.

myOrangeUpdate — weekly e-newsletter — provides you with insights and feature stories in all areas of Clemson athletics. Photo galleries and membership information are available exclusively to IPTAY donors in this multimedia presentation.

In addition to receiving eight editions of Orange...The Experience and the weekly myOrangeUpdate, a membership card and vehicle decals, you'll be eligible to purchase season tickets to football, basketball, and other IPTAY donor events. You'll also receive the glossy, 64-page magazine for IPTAY members.

Your tax-deductible contribution will help students achieve their academic and athletic goals (and Clemson meet its alumni participation goal). Be a part of the Experience!

Levels of membership start at just $140. To join, go to clemsonathletics.com, call 1-800-CLEMSON or return the form below to begin your membership to the IPTAY Scholarship Fund and your subscription to Orange...The Experience.

Minimum Priority Contribution is $140. Contributions of any amount to the IPTAY Scholarship Fund are welcome.

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WINTER 2010 — Clemson World @ 25

Enjoy fresh local ingredients with a distinctive flavor, like our Signature Shrimp and Grits — stone-ground grits topped with shrimp and tasso ham in a spicy cream reduction.

Relax in a casual atmosphere while overlooking Hartwell Lake and the Walker Golf Course.

Come gather around our table...

Clemson Filet

Seasons by the Lake

A Clemson Dining Tradition
Doing the numbers
Marshall L. Dantler ‘66

Agricultural and applied economics graduate Marshall Dantler of Chambly, Va., knows numbers, and he’s spent a lifetime helping farmers and growers across the nation with those numbers. He’s currently the deputy administrator for field operations for the U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS).

He began his career with NASS in 1965 as a student trainee in the S.C. field office. Upon graduation, he began full time with the agency and has since worked in South Carolina, North Carolina, Hawaii and Alabama field offices.

His career quickly advanced with highlights including contributing to the first science and technology exchange with China, being part of the Office of the Secretary of Agriculture as a member of the task force charged with implementing the Paperwork Reduction Act, and serving with the U.S. Secretary of Agriculture’s staff on a team that recommended the USDA’s initial State Food and Agriculture Councils.

In his current role, he’s responsible for overseeing the operation of the 46 NASS field offices, which cover the 50 states and Puerto Rico, as well as the coordination of training and career development activities and budget and administrative support to all of NASS.

1960
Franklin A. “Booby” Johnson (EE) of Fort Walton Beach, Fla., was appointed by Gov. Charlie Crist to the Board of Clinical Social Work, Marriage and Family Therapy, and Mental Health Counseling for the state of Florida.

1965
W. Bruce Ezell Jr. (M ZOOIL, PhD ‘71 ENT) of Marion, N.C., was awarded the 2009 Daniel W. Martin Science as Christian Vocation Award from the Presbyterian Association on Science, Technology and the Christian Faith. He’s a biology professor at the University of North Carolina-Pembroke.

1974
Alexander S. Hemingway (SED) of Andrews was awarded the 2009 Quarterly Excellence in Teaching Award at Williamsburg Technical College. He’s an adjunct instructor of anatomy and physiology.

1976
Mike J. Biediger (INDMGT) of Columbia is president and CEO of Lexington Medical Center. The center received an Earth Day award from the S.C. Department of Health and Environmental Control in the large business/enterprise category for implementing a multimedia environment awareness program.

Clemson World on Facebook
Join Clemson World at www.facebook.com/ClemsonWorld to stay connected with us between issues. You’ll see new campus shots, videos and other features. And, best of all, you can post your own photos and news.

1979
Dennis S. Ward (DESIGN, M ‘81 ARCH) of Florence is a member of the National Council of Architectural Registration Board’s board of directors. He’s president of F.W. Stoudenmire Architects Inc., AIA.

1980
Brian C. Broadus (DESIGN) of Charlotteville, Va., has formed an independent architecture consultancy, Brian Carter Broadus LLC. He was appointed to the Virginia Board of Architects for Historical Resources and teaches historic preservation at the University of Virginia School of Architecture.

1982
“M. Larry Craine (FINMGT) of Florence is managing director, investments at Wells Fargo Advisors, LLL in Spartanburg.

Lost and found
*Thomas W. Acker ’70
After 37 years, Thomas Acker has found his long-lost Clemson ring. Acker, a poultry science major who worked as a Cooperative Extension agent for Charleston County, lost the ring in 1972 while participating in activities with children at a 4-H camp in Summerton. He and the campers looked everywhere, but never found it.

More recently, after what he termed a “tough week” at the beginning of August, Acker’s wife, Dawn, prayed for something good to happen to them. That same day, Henry Branham — site director for the 4-H Leadership Center in Summerton — called. He had found the ring, with Acker’s name engraved on it, on the athletic field. Acker, who now lives in Anderson, says, “it was truly an amazing thing to have this ring come back after 37 years.”

*Active Clemson Fund donor for 2010 Fiscal Year
with Lockheed-Martin supporting F/22 and F35 flight testing at Edwards Air Force Base, Calif., and Nellis Air Force Base, Nev.

1983
Leigh Anne Whitlock
(CEO-EN) of Kingsport, Tenn., had her book, The Santa Train Tradition, enter its second printing. The historic fiction captures the Appalachian tradition.

Hoover has worked for over 25 years in the field of defense and national security. Some notable feature interviews include actress Andie MacDowell, artist Bob Ross and former President Ronald Reagan. She is president of the Liberty Initiative.

Santee Cooper experience

Administrative management graduate “Cile Lachicotte Spivey ’80 of Pinopolis is internship coordinator with Santee Cooper. “The Environmental Intern Program gives me a chance to see how well Clemson is preparing its students for the real world,” says Spivey. “The main thing I’ve learned from our interns is that our future is in good hands.”

She’s pictured with Clemson students who recently participated in the Santee Cooper Environmental Internship Program. From left are Josh Odem, Travis Lunn, Tripp Berry, Natasha Bell, Jay Bishop, Casey Johnson, Spivey and Emmett Dalton ’09.

Design powerhouse

Design and building science and management graduates of Greenville Joseph M. Pazdan II ’82, ’83 and “Brad B. Smith ’82, ’83 (’85 ARCH) of Spartanburg have merged their architectural firms to form McMillan Pazdan Smith. The firm has offices in Spartanburg, Greenville and Charleston. Brad Smith is past president of the Clemson Advancement Foundation, and Pazdan is a foundation trustee. The firm has been awarded the Lee Hall Expansion, Renovation and Restoration project for the University. Pictured from left are Brad Smith, Ron Smith, Joe Pazdan.

S.C. Congressional staffers

Clemson’s Office of Governmental Affairs hosted staffers from the S.C. Congressional Delegation for the 2009 Congressional Staff Education Days. From left are Angie Leidinger ’90, Paul Patrick, Laura Bauld, Dalton Trenvant, Corey McGill ’07, Mark Cohran ’00, Jessi Knight, Gene Hogan, Van Cato, Whitt Hance, Catrina Rorke, Greg Thomas, Katy Bayless ’06, *Beth McNich ’94 and *Kathy Coleman ’81.

Best Lawyers Tiger

Thornwell F. “Biff” Sowell ’73

History graduate Bill Sowell, of Columbia, was named to the 2010 edition of Best Lawyers in the practice area of ‘Bet the Company’ litigation and commercial litigation. He and seven other members of his firm, Sowell Gray Steppe & Lafayette, were named in the peer review publication.

Sowell’s legal career has been recognized with a long list of awards.

Best Lawyers in America, commercial litigation and Bet the Company litigation, Chambers U.S.A. America’s Leading Lawyers for Business, Fellow in the American Bar Foundation, S.C. Super Lawyer for general litigation and Benchmark Litigation, Local Litigation Star.

His community service has included serving as commissioner and foundation member of Midlands Technical College and member of the board of directors of Communities in Schools.

For Clemson, Sowell is on the board of the Library Ambassadors, enhancing the excellence of Clemson University Libraries.

H "Kevin Jackson” (ECON) of Palm Beach Gardens, Fla., won the Rex Hospital Open on the Nationwide Tour at TPC Wakefield Plantation in Raleigh, N.C. He was a three-time All-American golfer at Clemson.

1990
Samuel L. Erwin (FINMGT) of Greenville is CEO and president of The Palmetto Bank. Erwin, Will H. Huss Jr. (’83 DESIGN) of Clemson and A. Shane Massey (’97 CHEM) of Edgfield were named members of the Liberty Initiative Fellowship Class of 2011, a statewide leadership program.

1991
Mark D. Waggoner (ENGL) of Hingham, Mass., is vice president and chief contracting officer for Blue Cross Blue Shield Rhode Island.

1992
“Harry Thomas “TV” Hall (ICE, M ’95) (FINMGT) of Chester Springs, Pa., is president of Synthes Trauma, a global medical device company. He has patented two devices for the fixation of hip fractures.

1993
Bill L. McDaniel (ED VTED) of Forest City, N.C., received the Kimmel School of Construction Management and Technology’s Faculty Student Engagement Award and the chancellor’s Meritorious Award for Engaged Teaching at Western Carolina University. He’s assistant professor in the department of engineering and technology and the coordinator of the distance-learning program.

Roden J. Paul (M ECON, PhD ’00 APPLICE) of Fairport, N.Y., is a professor in the Department of Finance at St. Bonaventure University.

Stephanie J. Shipley (ENGL) of Delay Beach, Fla., is executive director of the Delay Beach Historical Society.

Daniel M. Shirley (ENGL) of Marion, Ga., has published the book Hach Attack chronicling the career of Georgia Southern University football coach Chris Hatcher.


1994
“John L. Laird (MKTG) of Birmingham, Ala., has published a book, Little Johnny Sarcasm & Wit, a collection of misadventures of Little Johnny. Laird is described as a “computer programmer by day and humor enthusiast by nature.” More information can be found at littlejohnny.org.

Marc P. (COMPSCI) and Cherie Shaffer (’86 SPED) of Bluffton are married and living in Moore. He’s a senior software developer for TRX, Atlanta, and she’s a nurse at Mary Black Hospital in Spartanburg.

1995
W. Kevin Bronson (GRCOMM, M ’00 PUBADM) of Camden is city manager.

Good business sense

*Jeff DiMeglio ’85

Economics graduate Jeff DiMeglio of Vienna, Va., has found a way to help his community while growing his company, AXS Business Solutions. In fact, he was named 2009 Outstanding Business Owner of the Year by the Greater McLean Chamber of Commerce. His print and copy business—which includes digital pre-press, color digital printing and direct mailing services—has been an ideal vehicle for in-kind charitable giving to nonprofit organizations. Beneficiaries include his church and related faith-based projects, the local chamber of commerce and the Baltimore/Washington, D.C., Clemson Club. (He’s on the board of directors of the Baltimore/D.C. Club and president of the Northern Virginia/D.C. Club.)

He and his wife, Cindy (pictured here), are diversifying to include a franchise for re-manufactured printing cartridges. When asked why he’s expanding in today’s economic climate, he answers, “I’m sure my favorite Clemson economics professor, Dr. Bruce Yandle, wouldn’t advise just sitting around and waiting for things to get better.”
2000

Megan M. Allen (LAIT) of Tampa, Fla., a fourth-grade teacher at Cleveland Elementary, is the Florida Department of Education Teacher of the Year. She serves as the rousing Christa McAuliffe Ambassador for Education, representing Florida’s teachers to both the state and nation.

Hayes E. Schardt (ENGL) of Winter Garden Park, Fla., received a master’s degree in library and information studies from Florida State University. She’s been selected by the Florida Department of Education to serve on the Sunshine State Young Readers committee, choosing literature to be read by students in grades three through eight. She’s a middle school media specialist for Orange County Public Schools in Orlando.

2001

Ashley E. Sherry (ENGL, M ’03 PROFCOM) of Charlotte, N.C., is a senior account executive for public relations at Lucasfilm; Andrews, an advertising, marketing, and public relations firm.

2002

Jim J. Caillea (COMSPC, M ’07 BUSADM) of Taylors was named one of the 2009 Greenville First Best & Brightest 35 and Under by Greenville Magazine.

Kit Adams Menis (GROICCM) of Mount Pleasant has formed a business, Kit Creative Marketing, a full range provider of marketing, design and strategic planning services (www.kitcreativemarketing.com).

2003

*Kenneth B. Cosgrove (MGT, M ’08 BUSADM) of Greenville was appointed by S.C. Rep. Dan Cooper (’84 CRD) of Piedmont to the S.C. Tax Realignment Commission. Cosgrove is with the operations and marketing division of Piedmont Petroleum Corp.

Lisa Huckabee Harrison (TEXTMGT) of Greer is one of the owner of TWEAK, a business providing services to real estate agents, investors and homeowners trying to sell houses.

Rob S. Stewart (POSCE) of Augusta, Ga., a lieutenant in the U.S. Navy, received a Bronze Star and an Av Medal for his service in Iraq.

Kinnaris Toogood-Luehrs (POSCE) of Centreville, Va., is a doctoral candidate at the Institute for Conflict Analysis and Resolution at George Mason University in Arlington. She’s the 2009 Kathryn Davis Peace Fellow, the Hunt Alternatives Fund Fellow and a 2009-2010 David L. Boren Fellowship recipient.

2004

*Amanda J. Culbertson (AVS) of Simpsonville graduated from the University of Georgia College of Veterinary Medicine in Athens.

2005

Elizabeth Belser Buckner (AVS) of Summerton, Mary Ellen Carino (AFWB) of Simpsonville, Ana Holly Gibson (AVS) of Cary, N.C., Amy Stader Kerley (AVS) of Manning, Tanya Bruce Thomas (AVS) of Columbia, and Beth Western (AVS) of Columbia graduated from the University of Georgia College of Veterinary Medicine in Athens, Ga.

Jennifer D. Gibson (BIOSC) of Johnson City, Tenn., and *Sarah L. Gustafson (BIOSC) of Winterville, N.C., graduated from East Tennessee State University James H. Quillen College of Medicine.

Brian A. Parks (EE) is married and living in Charleston. He’s an engineer for Santer Cooper.

2006

Agnerim A. Bishanova (M GEN) formerly of Kazakhstan, is pursuing a Ph.D. in molecular biology and genetics at Feinberg School of Medicine at Northwestern University.

Abigail Daane (M PHYS) of Portland, Ore., received a teaching fellowship from Knowles Science Teaching Foundation. She’s earning a teaching degree from Chapman University College in Walnut Creek, Calif.

Next stop, THE BLOB

David Mendez ’87

After a career in industrial technology, software and venture capital, David Mendez of New York City began a career in media in 2008, forming Monterey Pictures Entertainment.

The mechanical engineering graduate is now producer and executive producer of several major motion pictures, including a remake of the 1950s classic sci-fi horror THE Blob. The new BLOB is being directed and written by horror master and rocker Rob Zombie.

Mendez has also started a company with renowned photomontage and commercial photographer Doug Menuez, called Menuez Archive Projects LLC (MAP), a stock photography business exclusively featuring the career archive of Menuez. They are also producing a documentary film on the history of Silicon Valley based on the photographer’s archive of images from that era.

Amidst all his projects, Mendez finds time for Clemson. He serves on the advisory board of the College of Business and Behavioral Science. And he and his wife, Phoebe Sanders, a 1987 management graduate, are donors to the University’s new Leadership Circle. For more information on his ventures and films, go to www.dpmresources.com and www.montreypepictures.com.

*2006 Clemson First Fund donor for 2010 Fiscal Year (July 1, 2009 – June 30, 2010) through November 5. For more information, call Annual Giving at 864-656-5896.

Boundless energy

*Keely R. Whittaker ’90

Industrial management graduate Kelley Whittaker of Atlanta, Ga., is a woman giving back. She’s the national president of Clemson Black Alumni Council — the University’s alumni constituency group that plans programs and events for African American alumni and undergraduates, while serving all alumni and supporting academic excellence.

Whittaker is a member of the Atlanta Clemson Club and Women’s Alumni Council. She’s a former member of Clemson’s Board of Visitors. She also contributes her talents to the National Black MBA Association, Delta Sigma Theta Sorority and the Chris Draft Family Foundation.

Whittaker estimates she has coordinated the efforts of 800 volunteers in more than 40 community service initiatives. These amazing gifts of time and energy happen while she’s also senior proposal manager for Parsons Brinckerhoff, an international engineering firm specializing in transportation and planning.

Farmstead Cuisine™

Phil L. Pyle Jr. ’89

Construction science and management graduate Phil Pyle, pictured right, has broadened his career to include owner and chief of the nationally recognized Fair Hill Inn in Elkin, Md. Santé magazine for restaurant professionals recently named Fair Hill Inn one of three grand award winners at the Culinary Hospitality Restaurant of the Year.

Pyle, who trained at Le Cordon Bleu, says that the entire team at Fair Hill is honored, humbled and truly appreciative of this very prestigious award — “the most professionally gratifying recognition we could ever receive.”

Pyle, his wife, Venka, and their partner, Chef Brian Shaw (pictured left), have owned Fair Hill Inn for four years. They’ve perfected the farm-to-table concept in fine dining in what they term as Farmstead Cuisine™. (farmsteadcuisine.com)
From ROTC to Iraq

Sociology graduate Daniel S. Phillips ’08 of Huntersville, N.C., and financial management graduate Matt Heath ’08 of Huntersville, N.C., both served in the Clemson ROTC program and deployed to Iraq. Phillips is a member of Tiger Brotherhood, Army Ranger School and have since deployed to Huntersville, N.C., and financial management second lieutenants, recently graduated from U.S. graduate

Kids kickin’ cancer

A group of Clemson students and alumni volunteered for eight days at Camp Happy Days, a camp for children ages 4 to 16 with cancer and their siblings. The camp is held at Camp Bob Cooper, Summerton. Pictured from left are (front row) Sandy Jones Powers ’86, Karen Steffle Patrick ’07, Walter Robinson ’06, Harmony Edelman Robinson ’01, Patti Whitmore ’84 and Katie Hill ’09; (second row) Jason Jones ’01, Jon Austin ’09, Katelyn Doerr ’10, “Kit Brownell ’05 and Debbie Dawson Donovan ’92. (Not pictured: Alrinthea Carter ’05 and Jennifer Setzler ’03.)

New Clemson doctors

These Tigers — in the 2008 graduating class of the University of South Carolina School of Medicine — all earned M.D. degrees. Pictured, from left, are Robbie Timmerman ’04, Adam Przybyla ’03, Jason Carnes ’04, Kristal Southernin White ’03, Kim Kinard ’01, Brannon Traxler ’04 and Heather Brown ’04.

Clemson in Afghanistan

While visiting troops in Afghanistan, U.S. Sen. Lindsey Graham fits right in behind a Tiger Paw flag — even if he is a USC grad!

Clemson doctors

Samuel E. Lowery ’32, Seneca
Joe O. Kinard Sr. ’36, Greenville
Cecil D. Browning ’37, Greenwood
Bennie Max Paulding ’40, Camden
Marcus D. Beacham ’42, Savannah, Ga.
Kenneth B. Jennings Sr. ’42, Winston-Salem, N.C.
Joel L. Richardson ’42, Clemson, industrial management professor emeritus
Annie L. Todd Jr. ’42, Camden
Jesse P. “Jack” Williams ’43, West Columbia
Audrey L. Gantt ’44, Spartanburg
William B. Rumi ’47, Rockledge, Fla.
H. Bryan Whitmore ’48, Greenville
James M. Hemminger Jr. ’49, Abbeville
John W. Pettigrew Sr. ’49, Edgefield
Dewey S. Sims ’49, Florence
Stuart R. Poore ’50, Spartanburg
John P. Strug ’50, Winston-Salem, N.C.
Robert W. Westmoreland ’50, Taylors
Richard R. Boyd ’51, Charlotte, N.C.
John R. Huber ’51, Anderson
Alan B. Silby ’51, Milford, N.J.
Charles W. Boye Jr. ’52, Easley
William E. Brown ’52, Spartanburg
Paul B. Hazle ’52, St. George
Sherman A. Rogers ’52, Lugoff
Bryant L. Miller ’53, Greenville
Theodore H. McCarty ’54, Crown Point, Ind.
Samuel J. Player ’54, Pawleys Island
Richard S. Whitlock ’55, Murrells Inlet
James T. Mikelson ’55, Anderson
William D. Gilmore ’56, Greer
Earl M. H Bruce ’56, Piedmont
Jerry L. Brinkley Sr. ’58, Eau, N.C.
William L. Thomas ’59, Clemson
L. Vernis Longstreet ’60, Murrells Inlet
James M. Adams ’61, Spartanburg
James R. Ervin ’61, El Paso, Texas
Landen C. Miller ’61, N.C., Clemson, horticulture professor emeritus
James C. King ’62, Anderson
Glen W. Dukes ’65, M.D., Gastonia, N.C.
Robert N. Hagerty ’67, M.D., Taylors
Charles K. Houck ’68, Hampton
Thomas D. Heilheit ’70, Moneta
William T. Garrett ’71, Clover
Samuel B. Baker Jr. ’72, dashboard
James L. Brazema ’72, Central
John Evans Keller ’72, Pineville, Calif.
Billy R. Mahon ’74, Aiken
James A. Binger Jr. ’75, M.D., Greenville
Steven G. Stone ’77, Boston
Nelson L. Wallace ’78, Sunner
Amy Frances Joye ’80, Columbia
Trudy Miller Crensay ’85, Taylors
Christopher D. Longley ’81, Charlotte, N.C.
Drew H. Miller ’85, Seneca
Donovan V. Jones, senior, Santer
John D. O’Connor, senior, Westminster
Danielle R. Fleming, junior, Glen Ridge, N.J.
Jeffrey P. Brook, freshman, Anderson

FACULTY AND STAFF
Jordan A. Dean, Clemson, modern languages professor emeritus. Memorials may be made to: the Jordan A. Dean Endowment for Study Abroad, Clemson University Foundation, PO Box 1889, Clemson, SC 29633-1889.

Elena G. Fernández, Miami, Fla., Spanish professor emeritus.

Victor Hurst, Clemson, retired vice president for academic affairs

Charles W. McEachin Jr., Clemson, English professor emeritus

James B. Nicholson, Clemson, mathematical sciences professor emeritus

Edward T. Finer Sr., Clemson, education professor emeritus

Malcolm J.B. Paynter, Clemson, modern languages professor emeritus

Susan Pruitt Ruston, Pendleton, retired records and registration

CLEMSON MEMORIALS
Family, friends and former classmates may choose to remember a loved one by supporting Clemson. To find out how to establish a memorial in someone’s honor, please contact Ann Smith at clemson.edu or 864-656-5895.

WINTER 2010 — Clemson World & 33
Tiger Band alumni rock!

Three generations — Liz Saunders ’02, Jim Sams ’54 and Cindy Sams Saunders ’78 — performed with the Alumni Tiger Band last fall.

Thank you, Veterans!

These three U.S. Army veterans and Clemson graduates met at the Charleston Club tailgate party for the N.C. State game. From left, Mason “Mickey” Dorsey ’49, WWII veteran in Patton’s 3rd Army European Theater and a POW at Lager Concentration Camp; Phil Tompkins ’66, an infantry officer in Vietnam and Mobile Advisory Team leader who worked with the South Vietnamese military; Joni Byars ’07, Army veteran who spent four years on active duty before coming to Clemson.

Saluting Clemson’s Heroes

Join the Clemson Corps as we honor Clemson Alumni who have given their lives in service to our country.

The Scroll of Honor Memorial will be dedicated Thursday, April 22, 2010.

For more information visit cualumni.clemson.edu/scrollofhonor

Winter 2010

What’s new?

We like to hear from you.

Tiger art for Tigers

Clemson Black Alumni Council (CBAC) held a drawing for framed artwork as part of its campaign to raise money for CBAC scholarships, programs and initiatives. One component was the creation of tiger note cards from original artwork by Joni Byars ’07, an Army veteran who spent four years on active duty before coming to Clemson.

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

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

Address changed? Please send your old address information from the back cover with your new address.

We welcome general comments, address information, class notes, birth announcements and passing announcements.

Send your news by e-mail to sleigh@clemson.edu or FAX to 864-656-5004.

Or mail your news to Clemson World, 114 Daniel Drive, Clemson, SC 29631-1520.

You can also update your information online at cualumni.clemson.edu/update.

Remember — include your name, year of graduation, major, town and state.
1. Alaska
   - Thomas E. ’56 and Mary Ann Hayden showing their Tiger Paw pride

2. Pismo Beach, Calif.
   - Matt Watkins ’77, M ’81, Fred Kellers, and Sheila and Frank ’57 Kellers celebrating the Kellers’ 50th wedding anniversary

3. Moscow
   - Sheldon “Bo” ’61 and Lillian Strickland near the Kremlin

4. Alaska
   - Cressie ’66, M ’67 and Joselyn Holcombe at Denali National Park

5. Canada
   - Charles ’68 and Debbie Matthews in the Northwest Territory at Tuktoyaktuk

6. Estonia
   - Larry Craine ’82 happened upon Mike Hass ’71 in Tallinn and recognized his cap.

7. France
   - Mindy Higgs ’85 and Bill ’74 Taylor in Old Town Calvi on the island of Corsica

8. Alaska
   - Richard Adams ’75 at Denali National Park

9. South Africa
   - Jane Chapman ’76 and Katherine ’10 Cannon at Victoria Falls, Zambia

10. Yellowstone National Park
    - George Howe ’78 at Old Faithful Geyser

11. Botswana
    - Scott Shipes ’84 and Mark H. Johnson ’92 at Baboon Hill, Gaborone

12. Estonia
    - Suzanne Fulton Campbell ’88 at Old Town Tallinn

13. Pisgah National Forest
    - Anne Valdes Roberts ’89 at the summit of Black Balsam Knob

14. Egypt
    - Edward and Martha Filer Aufuldish ’90 and daughter, Mary Beth, atop Mount Sinai

15. Afghanistan
    - Chris B. Kelley ’92 with the Clemson flag flown over the Gardez compound

16. Barbados
    - Tim H. Pickett ’96 on surfing trip to “Soup Bowls” in Bathsheba

17. Iraq
    - W. Lawton Brown ’97 with the 402nd Army Field Support Brigade as a contractor for Honeywell Technical Solutions

18. Argentina
    - Carolyn Schultz Cosentino ’00 at Devil’s Throat, Iguazu Falls

19. Rome
    - Jessica Bush Rigler ’03, Todd Rigler ’04 and Alicia Rigler Henry ’00 in front of St. Peter’s Basilica

20. Nashville
    - Charlie Walls ’05, Zach Harris ’03, Blake Boyd ’02 and Alan Magee ’02 at the Country Music Marathon

21. Peru
    - Adam Witty ’03 at Machu Picchu

22. Michigan
    - Andrew Scheerhorn ’04, along with Anthony and Stephanie Scheerhorn, salmon fishing

*Active Clemson Fund donor for 2010 Fiscal Year (July 1, 2009 – June 30, 2010) through November 5. For more information, call Annual Giving at 864-656-5896.
Your “Determined Spirit” ensures Clemson’s success.

Clemson’s dramatic success over the past decade is a direct result of the thousands of Clemson Family members who have shown their determination to help Clemson become a stronger, better university through annual support.

We’d like to say “Thank You” and let you know that because of your investment, Clemson is keeping its promise to deliver quality and value to our students, create jobs to boost our economy and solve real-world problems to make all our lives better.

Please make a tax-deductible contribution to ensure Clemson’s continued success. Use the enclosed envelope, call 864-656-5896 or go to www.clemson.edu/isupportcu.

Get your exclusive “Determined Spirit” calendar.

It’s not too late to get your limited-edition 2010 calendar reflecting Clemson’s “determined spirit.” Make a gift to the Clemson Fund, and we’ll send you this full-color wall calendar to show our appreciation for all that you do for Clemson. See the enclosed gift envelope for details.

“DETERMINED SPIRIT” the shared sense that drives our progress, unites our family, generates our diverse stories and shapes our experience.
I

n the recent Alumni Association survey, we learned a lot from you.

Regardless of your era, you are loyal to and supportive of your alma mater, its athletic programs and its individual colleges. You value your degree, and you want continued assurances — from the University and the Alumni Association that your diploma will continue to increase in value. Those of you who live out of state are less engaged in activities because of time and geographic restraints. And job/career-related programs are more desirable than ever.

Specially designed survey

W

e used the 2009 Alumni Attitude Study®, a comprehensive survey tool designed to define and measure the key drivers of alumni loyalty, to provide feedback and communicate needs, and to set benchmarks to track progress. More than 120 universities across the U.S. have participated in the past six years, making it possible to compare results among peer schools.

The survey consisted of demographic questions as well as core questions that focused on alumni loyalty, communication methods, overall Clemson experience and more.

Many questions were posed in a way to help determine what is most important to alumni and to assess how well the Alumni Association delivers accordingly. The findings were reported not only on a total alumni level, but also by age groups, degree obtained and specific to college.

We sent out the survey in August by e-mail to all alumni for whom we had an e-mail address. We received 4,336 responses, a 45.93 percent response rate based on opened e-mails. About 50 percent of survey respondents stated that they reside out of state, 48 percent live in a different state, and about 2 percent are residents of another country. About 33 percent of those who responded live more than 250 miles from the Clemson campus.

The 2009-10 Clemson Alumni Association Board

Linda S. Calhoun ’71, president
Lori Spalding ’99, vice president
James A. “Jimmy” Beard Jr. ’92, secretary
James E. McPherson, executive director
Lucie B. Young, treasurer
Jimmie Kimble “Biplane” Younghans ’93, ex-officio
The Financial Advisory Council

Value and respect

You told us that you want to know — no matter when or in what specialty you earned your diploma — that your degree is increasing in equity. Almost 95 percent of survey respondents said that “value and respect for degree” was the primary influencer of their opinion of the University — especially our most recent graduates. “History and tradition” ranked second, and “campus aesthetics,” third.

Survey results show that the Alumni Association must develop, strengthen and communicate the value of and respect for a Clemson diploma among all generations of alumni.

“Nothing no matter in-depth or comprehensive, surveys can never replace individual contact through conversation with you. We are always open to your feedback and suggestions on how we can better serve you, our Clemson Family.” — Wil Brasington, senior director, Clemson Alumni Association

Communication

When asked, “How would you most like to be contacted by the University?” 88 percent of respondents preferred e-mail. Postal mail was second (about 8 percent), followed by direct face-to-face contact (2 percent) and telephone (1 percent).

E-mail, Clemson World and the University Web site were all reported to be “very important” methods of communication. “Somewhat important” were invitations to University activities, electronic newsletters, periodic informational communications, communications regarding services or benefits, the Alumni Web site and reunion mailings.

Surprisingly, viral videos, YouTube and online networking ranked the least important of all categories — although still “somewhat important.”

Alumni activities

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erving as ambassadors for Clemson and identifying job opportunities for graduates were “very important” among alumni responders. However, opportunities were identified for the Alumni Association to provide additional assistance in these areas. When asked about barriers to participation in alumni activities, three factors surfaced. Among current in-state responders, 72 percent stated that time was the greatest barrier, followed by family or job commitment. Not surprisingly, 68 percent of alumni who are out of state confirmed that geographical distance was a key barrier, second only to time.

Next steps

T

he Alumni Association has taken immediate action to create more targeted communications, enhanced professional development and networking programs, strategies to cultivate and energize the younger alumni audience, and improved communication mechanisms.

To all of the 2009 responders, thank you! To all alumni, we care about your opinions. Today we move forward, responding to the issues you care about most — making every effort to exceed your expectations!

For complete results of the 2009 Alumni Attitude Study, including college-specific findings and results by era and degree obtained, go to www.clemson.edu/alumni or e-mail the Alumni Association office with any questions, info@alumni.clemson.edu.
Volunteers extraordinaire

The Clemson Alumni Association has named Ann Harvin Whetstone Hunter ’80, M ’82 of Greenwood and Allen Martin ’69 of Vienna, Va., its Volunteers of the Year for 2009.

Hunter, a chemical engineering graduate, worked for Union Carbide until she became a “full-time mom and full-time volunteer.” She’s served her Greenwood community in a variety of leadership roles including PTO, Girl Scouts, Women’s Club, Danse De Noel Assembly and her church. She’s been twice recognized as Greenwood High School’s Volunteer of the Year.

For Clemson, Hunter is the chairperson of the reunion and special events committee for the Alumni Board of Directors. She has served on the Women’s Alumni Council, on the board of directors for the Greenwood Clemson Club and has been an IPTAY member and Clemson friends in your area for Prowl & Growl events coming to: Aiken; Atlanta, Ga.; Charleston; Charlotte, N.C.; Florence; Greensboro, N.C.; Greenville; Lexington; Myrtle Beach; Washington, D.C., and York/Rock Hill. For dates and locations, go to www.clemson.edu/alumni.

Looking for the perfect Clemson gift? Need something for graduation, retirement or a birthday gift for that special Tiger? Want to add to your own collection of Clemson memorabilia? Whatever your gift needs may be, the Alumni Association can help.

We have a variety of unique gift ideas available in a wide range of prices. A portion of the proceeds of these gift items helps to fund alumni programs and activities. For more information, go to cumberland.clemson.edu/merchandise or call Randy Boateright at 864-656-5671.

Your Online Clemson Family — www.clemson.edu/alumni

Your Clemson Alumni Association is just a click away. Join our online community at www.clemson.edu/alumni. Find us on Facebook at www.facebook.com/clemsonalumni or LinkedIn at www.linkedin.com and search for Clemson Alumni Association.

We need your e-mail address so we can keep you posted on the latest news and upcoming events. You can also take advantage of our lifelong forwarding service.

2010 Prowl & Growl tour stops

Join fellow alumni, IPTAY members and Clemson friends in your area for Prowl & Growl events coming to: Aiken; Atlanta, Ga.; Charleston; Charlotte, N.C.; Florence; Greensboro, N.C.; Greenville; Lexington; Myrtle Beach; Washington, D.C., and York/Rock Hill. For dates and locations, go to www.clemson.edu/alumni.

Find an alumni group for you

For more about these groups and others, visit us at www.clemson.edu/alumni.

New groups — the Birmingham Clemson Club, the Chattanooga Clemson Club and the Clemson Alumni Society of Equality (CASE).

Doctors, lawyers and Tiger Band folks — Are you a Tiger Band alumni or a physician or attorney who received your undergraduate degree from Clemson? If so, let us know so we can tell you about our group for you.

May we have your card? — We’re asking alumni to update professional information through a simple online form on our Web site or send your business card to Clemson Alumni Association, 109 Daniel Drive, Clemson, SC 29631. If you submit your information by March 1, 2010, you’ll be part of a random drawing for a beautiful Clemson lamp.

Sjogren’s syndrome Zeta (now Pi Kappa Alpha) celebrates its 50th anniversary on the Clemson campus.

Young Alumni basketball viewing parties

Young Alumni, mark your calendar for the Clemson Basketball Viewing Party in your area!

Columbia — Jan. 19 — Clemson vs. Georgia Tech — 7 p.m.
Charleston — Jan. 26 — Clemson vs. Boston College — 7 p.m.
Greenville — Feb. 6 — Clemson vs. Virginia Tech — 4 p.m.
Charlotte, N.C. — Feb. 24 — Clemson vs. Maryland — 9 p.m.
Atlanta, Ga. — March 7 — Clemson vs. Wake Forest — 6 p.m.

Check for details at www.clemson.edu/alumni or call 864-656-2345 or e-mail youngalumni@alumni.clemson.edu for social networking. For professional networking, log in to LinkedIn at www.linkedin.com and search for Clemson Alumni Association.

Your Online Clemson Family — www.clemson.edu/alumni

Your Clemson Alumni Association is just a click away. Join our online community at www.clemson.edu/alumni. Find us on Facebook at www.facebook.com/clemsonalumni or LinkedIn at www.linkedin.com and search for Clemson Alumni Association.

We need your e-mail address so we can keep you posted on the latest news and upcoming events. You can also take advantage of our lifelong forwarding service.
Bells in the background
by Karen Solomon ‘10
Photos by Patrick Wright

Through the morning mist … in the midday sunshine … at the close of each day … the bells of Tillman Hall faithfully chime the hours, standing guard over students walking to class or playing on Bowman Field. Their sound forms a musical melody that narrates the story of each student’s Clemson experience.

The 47 handcrafted bells that make up the Clemson University Memorial Carillon have been a central presence on the Clemson campus for more than two decades. An integral part of this school’s rich traditions, the carillon announces the beginning of each academic year, celebrates the Tigers’ athletic victories, accompanies students and faculty in their daily academic endeavors, and mourns the passing of members of the Clemson Family.

The history of the carillon at Clemson begins with 1930 alumnus Rembert G. “Red” Horton. Rembert had long planned to establish in his will a scholarship fund for agriculture alumnus Rembert G. “Red” Horton. Rembert had long planned to establish in his will a scholarship fund for agriculture

For several years the carillon was mostly silent, only ringing the hours and electronically playing one-line tunes, until Linda Dzuris, music professor and University carillonneur, joined the faculty in 1999. Dzuris’ arrival, as well as the creation of the Clemson University Memorial Carillon Endowment for renovation and maintenance, meant more music coming from the tower.

Student involvement was also a key concept of the endowment, allowing Dzuris to teach students to play this unique instrument. “We are very blessed that the administration doesn’t limit our playing time,” she says. “We all agree that we’d rather be hearing the bells than have them silent.”

Thanks to this generosity, students on campus at any time of day can hear a wide range of music, from classical to religious to popular songs. “Tiger Rag” and the Alma Mater are also frequently played, courtesy of senior Jeremy Domingo, who has taken the carillon class for six semesters.

Domingo says, “Learning to play the carillon is the best way to experience this uniquely awesome instrument. “We are very blessed that the administration doesn’t limit our playing time,” she says. “We all agree that we’d rather be hearing the bells than have them silent.”

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Dzuris believes the carillon’s music, ever in the background of the Clemson atmosphere, becomes a significant part of students’ lives. She says, “Regardless of where graduates end up in the world, hearing a bell toll will remind them of their Clemson Family.”

Lewis Horton agrees. He often thinks back to the day of the dedication ceremony and the conversation he had with his Uncle Rembert as they walked to Tillman Hall. Responding to the widespread interest in the bells and the overwhelmingly positive reactions, Rembert said, “I never imagined that it would be so well received. It’s really like a dream.”

Clemson’s carillon bells provide a soundtrack for the Clemson experience.

rembert’s vision was that these original bells would grow in number to make up an entire carillon, which consists of at least 23 bells. Today, with generous gifts from the Horton, Hubbard, Higginbotham, Sherrock and Riley families and other alumni, Tillman Hall is home to 47 bells.

They were cast by the Paccard Fonderie de Cloches in Annecy-le-Vieux, France. Upon their arrival in Clemson, the front clock face of Tillman was removed and the bells hoisted in through the opening. Since each bell was made individually, they were each cast with an inscription from the donor. Most are dedicated in memory of loved ones.

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Clemson’s carillon bells provide a soundtrack for the Clemson experience.
Family's major gift helps two programs

The Holland-Quackenbush family has given $100,000 to develop the Abacus Planning Group Endowed Scholarship in Financial Planning and the Quackenbush Architects + Planning Room in Lee Hall.

Cheryl Holland, president of Abacus Planning Group Inc. in Columbia, serves on the senior advisory board for the College of Business and Behavioral Science. Her gift of $50,000 enhances the reputation of Clemson’s finance program and will help shape future business leaders in South Carolina.

A gift of the same amount from Doug Quackenbush ’82, founder of Quackenbush Architects + Planners, will help Clemson expand, renovate and restore Lee Hall, home to architecture, construction science and management, art and landscape architecture.

Helping teachers help kids

DuPont is helping to better children’s education by giving to the Call Me MISTER® and Math Out of the Box programs at Clemson. The $50,000 gift funded Helping teachers help kids

Making an impact through memorial scholarships

James A. Graves ’30 and his wife, Jean, may not have been able to give much to Clemson during their lives, but upon their deaths, they made a significant impact on the lives of future Clemson students.

James Graves, an electrical engineering graduate, passed away in 1982. When his widow passed in 2007, she left a percentage of her estate to the University to create a memorial scholarship fund in her husband’s name for electrical engineering students. This small portion of her estate equaled a significant amount, creating a big benefit for Clemson students.

The bequest was a wonderful surprise to Clemson’s Office of Gift and Estate Planning. Advance knowledge about bequests positions Clemson to honor the donors for their future gift commitment and invite them to become members of the Clemson Legacy Society.

In addition, it allows the gift directors to assist the donors to structure their future gift designations to accomplish specific goals, such as endowing a named scholarship fund forever. For more on bequests and memorial scholarships, please visit clemsonplanyourlegacy.org.

Honoring a ‘Reel’ legend

An endowed scholarship has been created in recognition of Jerome V. Reel Jr., who has been called the “oak tree” of the University. Reel has served Clemson for more than four decades, progressing from history professor to dean of undergraduate studies to senior vice provost to his current position as University historian.

The fund will provide assistance with tuition and fees for students deserving of a Clemson education, but who cannot attend college without financial aid. The initiative seeks to secure at least $250,000 in investments to create a funding source for undergraduate scholarships.

To support the fund, send your gift to Clemson University Foundation, Attn: Reel Endowed Scholarship, PO Box 1889, Clemson SC 29633-1889.

University historian Jerry Reel (left) discusses new Thomas Green Clemson biography with descendant Dan Clemson.

Audit of donor records — The University’s internal auditing department will mail confirmation letters to a sample of Clemson University Foundation donors. This is an annual audit procedure that helps validate the integrity of donor records. If you receive a confirmation letter, please complete and promptly return. For more information, contact Jeff Rosenberger, internal auditing, at jjeffre@clemson.edu or 864-656-4896.

Fort Hill Legacy Society inducts donors whose estate plans have resulted in gifts of $1 million or more for Clemson. Clemson Legacy Society — for other donors who remember Clemson in their estate planning — inducted 18 new members, bringing the total to 244, during the celebration.

For more on how you can leave your mark on the University, please contact the Office of Gift and Estate Planning, PO Box 1889, Clemson, SC 29633-1889; call JoVanna J. King at 864-656-0663 or 800-699-9153; or e-mail jovanna@ 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 clemsonplanyourlegacy.org.

Clemson celebrated its roots and the people who have left their mark on the University through their estate plans during Legacy Day in November. Beautiful bronze leaves installed on the grounds of Fort Hill — Fort Hill Legacy Society leaves dedicated to these extraordinary donors — hold their names and represent their vision and generosity.

• Thomas Green Clemson and Anna Calhoun Clemson, whose gift of land and determined spirit led to the establishment of Clemson University

• Wofford Benjamin Camp and Louise P. Camp, whose gift helped establish and provides continuing support for the Brooks Center for the Performing Arts

• Charles E. Daniel and Homoezel Michel Daniel, whose gift created endowments to support scholarships, fellowships and an endowed chair position in the College of Architecture, Arts and Humanities

• Clyde V. Madren Sr. and Mamie W. Madren, whose gift provided support for the Clyde V. Madren Sr. Continuing Education and Conference Center

• William M. Ballenger and Florence Coles Ballenger, whose gift greatly enhanced the funding of the Clemson National Scholars program

• Mary Katherine Littlejohn, whose gift funded scholarships

• Ernest L. Corley Jr., whose gift funded a Trustees Chair and graduate student assistantship in the College of Agriculture, Forestry and Life Sciences

Clemson Legacy Society members Mark and Robin Yarbrough sign the Registry during the Legacy Day celebration.

Sam Witherspoon signs the Clemson Legacy Society Registry in the parlor of Fort Hill.

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I love history. As a child, I grew up watching The History Channel with my dad. We watched episodes on World War II, the South (before, during and after the Civil War), the Great Depression, the 1960s.

But not just the heavy stuff.

One of my other favorite TV programs was "The Andy Griffith Show," in syndication, of course. My friends — who didn’t appreciate Mayberry as much as I did — called me an old man. I told them I just matured quicker than they did. Even now, an episode of Andy and the gang is all I need for a good afternoon.

When I entered Clemson, I soon learned of its rich historical significance in South Carolina. I knew I’d chosen the right place for my college education.

Fort Hill is my favorite place on campus. As a freshman, I used to sit on its lawn and do homework. I’ve visited it often throughout my time here. (In fact, I sat in the dining room of Fort Hill to write this Clemson World piece.)

It’s beautiful. Very few schools have the founder’s house on the grounds of the campus — let alone in the absolute middle of it! There’s something about the simplicity and elegance of this home that inspires me. It’s amazing how simple a lifestyle one can lead and still do so many great things.

In the fall, I had the opportunity to organize Legacy Day — an event for students and other members of the Clemson Family — to share the history of Fort Hill and founders Thomas and Anna Calhoun Clemson and how their commitment has affected the lives of so many people.

I’m one of those people, and I can’t thank the founders (and the other people who’ve contributed to the University’s legacy) enough.

I love everything about Clemson. Every. Single. Thing. And helping other people appreciate it, too — especially its rich history — is a privilege.

I’m Garrett Riddle and this is "My Clemson."

Riddle is a senior in management from Simpsonville. Legacy Day, held in November, was a student-led celebration of the 123rd anniversary of the day Mr. Clemson signed his will, which provided for the establishment of what is today the University, and of the recent publication of his biography. Fort Hill is part of Clemson Historic Properties. For more information, go to www.clemson.edu/about/history/properties and click on Fort Hill.
Parents:  If this is addressed to your son or daughter who no longer lives at this address, please notify us of the new address by calling 1-800-313-6517.

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Dabo Swinney, Reserve Member and Clemson University head football coach

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