“Athletics is a major part of the Georgia Tech experience and brings alumni of all ages together.”

— Tim Norris, MATH 1977, MS ICS 1982

Yellow Jacket athletics is a genuine passion for Robin and Tim Norris, MATH 1977, MS ICS 1982, and their devotion led the couple to make a bequest provision that will one day benefit athletics as well as provide scholarships for students throughout the Institute.

“A major factor in our decision to include Tech athletics in our wills was the enjoyment Robin and I have received from Georgia Tech sports over the years,” said Norris. “Most of our Alexander-Tharpe Fund bequest will support endowed scholarships for men and women athletes because we appreciate the effort required to excel as an athlete and a student. Athletics is a major part of the Georgia Tech experience and brings alumni of all ages together.”

The Norris’s estate gift will also create several different endowments to support the G. Wayne Clough Georgia Tech Promise Program, scholarships for mathematics majors and for students studying abroad, general scholarships, and the Yellow Jacket Marching Band.

As a retired senior vice president with Bank of America, Norris gives much credit for his success to his Georgia Tech education. “The rigor of the Tech curriculum was a great preparation for business.”

Both Norrises worked at Bank of America and its predecessor companies for thirty years before retiring in 2007. A graduate of Mercer University, Mrs. Norris is “as devoted to Tech as any graduate,” according to her husband. Tim and Robin Norris also point out that their Georgia Tech bequest provision simplified their estate planning, and allows them full use of their assets during their lifetimes while providing a significant future gift to Georgia Tech.
Successful **leadership** demands commitment. My commitment to Tech began as a student and took hard work (and six years!), with my Tech diploma as my reward. As an investment professional helping to advise university endowments, I know the power of financial **commitment**. Please share my commitment to Tech and reap the rewards through your support of Roll Call and increased participation in the Leadership Circle. Go Jackets!

Laurie D. Bagley IM ‘84  
Georgia Tech Alumni Association, Executive Committee of the Board of Trustees  
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—Caroline Player, Georgia Tech

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*From an online survey sent to meeting planners in 2010.
40 Tastes of Tech
Barrelhouse’s innovative cuisine, on the cover, and Antico’s acclaimed pizza, above, are helping make campus and the surrounding area a dining destination. Photos by Melissa Bugg

52 John Portman FORM
The famed architect has compiled some of his paintings, sculptures, designs and buildings, including the Atlanta Marriott Marquis, above, in a new book of stunning photographs.

58 One Helluva Engineer
Don Giddens has spent most of his adult life at Georgia Tech. Now the dean of the College of Engineering is retiring, sort of. He’ll be back to focus on what he likes most: research.
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A Buzz-worthy Card for Tech Alumni

In short order, we’ll welcome 4,000-plus new alumni to the Association at the spring commencement ceremony. Alumnus Mike Duke, IE ’71, president and CEO of Wal-Mart Stores Inc., will make the keynote address. Leading the world’s largest company is no small task. Walmart has more than 2 million employees worldwide and sales of more than $400 billion. What better place for a graduate of the top-ranked industrial engineering program in the world to work than one of the world’s largest and most complex logistical systems? No doubt our newest alumni will hear a speech to remember!

On another note, you may have noticed that we have a new credit card partner. In January, we signed an agreement with Capital One Financial, a Virginia-based bank and major credit card issuer. This is a brand new relationship for us and a brand new credit card program. If you carry the Georgia Tech card from Bank of America, there are no longer royalties being paid to the Association and ultimately the bank will reissue the card with its own brand.

Why did we change? We did so for many reasons, but the most important is that we believe that Capital One offers the best credit card program and the best customer service experience for our alumni. Our search took more than a year to complete, and the Capital One proposal and commitment to the affinity card business outpaced all others.

Why should you get another card? If you’re like me, you don’t really need another credit card, but you like carrying a Georgia Tech-branded card that shows your pride and loyalty in a tangible way and helps give back to Georgia Tech. The new Georgia Tech/ Capital One program has terrific card products available now and other great financial products in the pipeline, including a savings program. Let me speak to this a little further here.

What’s in it for you? If you like card rewards, the GT/CO program is the best in class, bar none. For every dollar you spend, you’ll earn 1.25 miles. If you seek low APRs, you’ll find the GT/CO program offers a terrific card. If you’re new at establishing credit, as many of our young alumni are, the GT/CO has a credit-building card for you.

Maybe most impressive to all of us was Capital One’s commitment to customer service. Capital One has a J.D. Power-certified call center to handle your questions. In fact, two of my staff and I had the opportunity to listen in at three different call stations at the center during a recent visit. The people were smart, friendly and customer-focused professionals. It was impressive.

Honestly, showing your pride in your Tech degree may be the best reason to carry and use the card. When I use my card, it evokes either a “Wow!” reaction or it opens a conversation I might never have had otherwise.

The Georgia Tech brand is important, and it’s perceived very well in this nation. Affiliating yourself with Tech says something special about you. You also can customize your card. Remember that great shot of your family at the Homecoming game? Put it on the card! With the personalization of a GT/CO card, you can do really fun things.

How does this help Georgia Tech? The Alumni Association earns a small royalty from your retail spending using the card. We share that with the Institute and the Athletic Association. The Association then uses the remainder of the monies to fund critical operations to fulfill our mission of serving and promoting Tech’s alumni and the Institute.

This includes programs such as our Alumni Career Services operations, which benefit thousands of alumni each year. We use it to build loyal alumni among our students through our student engagement organizations like the GT Student Foundation, the Ambassadors and the new Student Alumni Association — the largest on-campus organization for students with some 2,000 members now. We use it to produce and distribute the finest alumni publications in the country. We use it to help our alumni clubs and affinity groups in their good work of student recruiting, community service and scholarship generation. We use the funds to build Tech’s alumni network across the world — in ways that benefit the Institute enormously and you individually if you choose.

So much of what Georgia Tech is today comes from our roots as an institution. We started out 100 years later than our sister university to the east. We started out on a tiny budget and the staunch belief that Georgia Tech could fulfill an amazing aspiration to industrialize the South. We started out having to convince the public of the need for technological education of the highest order.

President Isaac Hopkins engaged the battle on May 2, 1889, in a speech in Athens to the Georgia Educational Association. He explained it this way, “The technical school has a place, not a temporary and insecure place, but one embedded in the convictions of men of all grades of culture and all modes of thinking, a place in which it is destined to abide through time and from which it will send forth streams of influence irresistible in their depth and sweep, to change the types of nationalities and mold anew the civilizations of the world.” That’s a powerful, prescient statement, and it’s a call to action to support Georgia Tech.

The Georgia Tech Alumni Association brings the full support of Tech’s alumni back to the Institute. You can help us do this by applying for and using the card. Tech wouldn’t be what it is today without the belief and pride of its alumni. Show your pride. Carry the card! Visit gatechcard.com and get yours today! Go Jackets!

Joseph P. Irwin
President
Georgia Tech
Alumni Association
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Success Breeds Success in All Sports

The Georgia Tech Alumni Magazine is an outstanding publication. Thank you. The article on Peter Rhee was magnificent. What I’m writing about, a reflection on Tech leaving the Southeastern Conference, seems trivial by comparison. However, my impression is that the story needs to be further fleshed out.

I was captain of the Tech track team in 1964 and 1965 and am a member of the Sports Hall of Fame. My impression is that our competing in the SEC track and field championship in late May of 1964 may have been the last time a Tech team competed in the SEC. What football found out later other sports found out immediately. It was tough being an independent. We lost ground in recruiting and competition.

In my opinion, to be consistently successful in the long run, football has to be part of an overall successful athletic program. Success breeds success in all sports. It took us a while to get into a conference that feels like a match.

During the independent years and time spent in the Metro Conference, all our teams lost traction. Ironically, the NCAA put a scholarship limit on all schools, thus taking away the original argument for our leaving the SEC.

As the article on Peter Rhee reminded us, there are things going on in this world that are more important than athletic competition. That last SEC championship meet was in Birmingham. Another Atlantan was in Birmingham that weekend. Dr. King was there focusing the nation’s attention on much-needed civil rights legislation. In my opinion, while our leaving the SEC might be an interesting asterisk in a sports history book, other events have more than overshadowed it.

The Rev. Jim (Joe) Watkins, IM 65
Decatur, Ga.

Tech Had Recruiting Disadvantage

As a former member of the Georgia Tech athletic board, I read with interest your article The Day Tech Sports Changed Forever. Being the editor of the Technique, I was honored to serve as a student member of the board during the 1961-62 school year.

The Holt-Graning incident referred to in the article did result in the decision to cease scheduling athletic events with the University of Alabama; most sporting events were canceled immediately, but since the football schedule was legally contracted, it was continued until the contract expired.

Finances were becoming a major issue. An upper deck was approved for the eastern side of Grant Field, and it was clear that the “home and home” schedule with several smaller members of the SEC did not generate close to the revenue received from at-home games, which at the time were always sold out. In addition, it was only a matter of time before Atlanta, as a major metropolitan market, would be targeted for a fran-
chise by the NFL. (This actually did occur in 1965.) Since Tech was the only game in town in 1962, pro football was likely to hurt the “gate.” Also, operating as an independent would enable scheduling seven or eight home games rather than the usual five or six.

While I do not recall in-depth discussions of the 140 Rule, there is no doubt that Tech was at a disadvantage in recruiting compared with many of the other schools in the SEC. As a technological institution, high entrance standards were maintained, and there were no physical education or other less demanding programs to herd athletes into. Also, the integrity of the Tech athletic program demanded that injured athletes be allowed to keep their grant-in-aid for the balance of their academic careers. (As a grant-in-aid recipient myself in track and field, I shared the training table with a number of such student athletes.)

Although I was not on the athletic board in 1963, in my view, the confluence of these issues ultimately led to the decision to leave the SEC. The 140 Rule was merely the vehicle. As Dr. Harrison is quoted in your article, “Our action ... acknowledges a uniqueness of our situation.”

Ernest R. Maddox, APsy 62
Clayton, Mo.

Dome Once Was Rocking Place

“Beyond sad,” an alumnus and former basketball star said in describing the demise of Alexander Memorial Coliseum. My sentiments exactly, since my entire involvement with Tech roughly parallels the life of the Thrillerdome.

As one of the original group of Boy Scout ushers at Grant Field, and having later served in the president’s box the year Dr. Paul Weber was acting, I was probably hooked on enrolling at Tech before the coliseum was completed. Four of my senior classmates at Jonesboro High School and I applied for admission after talking to a Tech recruiter at a college night in the fall of 1957. Thankfully, in those days there was an emphasis on producing homegrown, all-American engineers and business leaders, and all five of us were accepted.

The admissions office invited our “fabulous five” group to visit the campus, and we accepted with growing excitement. On that visit, after being taken on a tour around the campus (which at that time did not take long) and given all of the standard sales pitches by the admissions people, the ultimate salesman was revealed to us. We were taken up to Dean George Griffin’s office.

After recovering from his growled “whatta-ya-want, boys” greeting, we had a brief visit. He then opened a desk drawer and took out a stack of tickets. “Can you boys stay for the basketball game tonight?” Could we ever! That was our first of many glorious evenings in “the dome,” and the joint was rocking! We were sold completely on being a part of that rambunctious bunch, our college education having commenced when we entered the place. All five of us somehow survived four years and graduated.

I do not remember who Tech played that fateful night, but I think that team featured Bud Blemker, Terry Randall, Roger Kaiser and Dave Denton. The tipoff was delayed for a short time due to a ruckus outside. It seems that one of our star players had been nabbed while trying to sell his game tickets. The culprit showed up late in the first half after having been taken “downtown” and then “sprung” by some school official, Dean Griffin probably.

I am sure the reformed dome will also build millions of memories over its useful life. But I hope there are enough “old school” Tech people involved to see that it retains much of the atmosphere of the unique facility that served us so well. I pray no “ego beavers” come along wanting to buy their names onto the Tech Tower.

Al Camp, IM 62
Fayetteville, Ga.

Ring Returned After 40 Years

Several months ago I began attempts to locate the descend-ants of a graduate of Georgia Tech’s class of 1927 whose class ring was found on a Florida beach by a family friend in 1972. The initials etched inside the ring belonged to Thomas Jared Irwin.

Apparently, while vacationing in Florida, Mr. Irwin had misplaced the ring for it was found by my friend’s father, who managed the Silver Sands Motel in Cocoa Beach. He kept it for nearly 40 years, until his son offered me the challenge of locating Mr. Irwin’s family in order to return the ring.

After months of searching, I finally located Mr. Irwin’s son, and after he correctly identified his father’s photograph, I mounted the ring in a shadow box next to Mr. Irwin’s photo and returned the ring to its rightful place with his family.

Mr. Irwin’s son shared an interesting story with me: Upon graduating, his father could not afford a class ring, so his best friend and classmate, Herb Reed, gave him his own ring as a gift. When Mr. Irwin passed away some years ago, his good friend, Mr. Reed, once again offered up his own class ring, a replacement for the one that was lost. Mr. Irwin wore that ring to his grave.

Steve Enyeart
Austin, Texas

Letters.indd 12
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Get It Straight: Alumnus, Alumna
With the American public school system no longer teaching Latin in most high schools, the word “alumni” has taken on many incorrect variations. As a former “professional alumnor,” as the AAC taught me to perceive myself in 1953 when I was a lowly alumni association field director at the University of Illinois at Urbana, I am amazed at how otherwise well-educated college graduates today now murder the word.

I received an email from a Tech alumnus seeking my advice and counsel on approaching a Tech faculty member who had sounded off carelessly in the local media about a current civic issue. My friend proclaimed that he was “an alumni” of Georgia Tech, as were many of his contemporaries also “Tech alumni.”

The facts as I remember them are:
- Individually, I am an “alumnus,” the masculine singular, of my institution.
- Collectively, we are all “alumni” — men and women alike, plural.
- The female singular of a graduate is an “alumna.”
- Fellow female graduates without any male members in the group are “alumnae.”

Graduates of liberal arts programs and institutions are much more likely to use the terminology appropriately, and in elitist circles, these nuances are telling. Imagine the amazement, mirth and barely disguised smiles behind his back at a Washington, D.C., or Upper East Side cocktail party should one of our brilliant Techies, perhaps a multimillionaire from an invention, dare to refer to himself as “an alumni” of Georgia Tech.

As chapter counselor for Sig Ep at Georgia Tech since 1986, I hear age group after age group making the same mistakes, and they are some of the brightest America has produced.

Richard Rodgers
Georgia Tech College of Architecture visiting associate professor

Global Warming No Hoax
I did not intend to debate global warming in letters to the editor, but James Bell’s letter is too egregious to go without response. The comment that CO2 is “only 385 parts per million” and fossil fuels contribute “only 12 ppm” tries to imply that human contribution is trivial and that CO2 in total is too small to affect climate.

He goes on to say that CO2 is necessary for life and ask, “Why would you want to remove CO2 from the atmosphere?” No one has suggested removing CO2; it is vital to a livable planet. In addition, I do not know where he got the figure that human contribution is only 12 ppm. The CO2 level was 290 ppm in 1890, which is considered the start of the Industrial Age. It is currently 390 ppm, an increase of 100 ppm or 34 percent.

The physics of why this “small” amount of CO2 contributes significantly to global warming is well understood; it is not new science. It was first proposed as early as 1824 when Joseph Fourier calculated that the Earth would be far colder if it lacked an atmosphere. In 1896, Svante Arrhenius published the first calculation of global warming from human emissions of CO2. That calculation has proven remarkably accurate. See 20 classic papers on climate science, starting with Fourier 1824. It can be accessed at: wiki.nsdl.org/index.php/PALEClassicArticles/GlobalWarming.

I also recommend the book The Discovery of Global Warming by Spencer Weart. It gives the complete history of major scientific evidence related to global warming.

As the planet warms, the ocean is also warming. A significant amount of the additional CO2 entering the atmosphere is absorbed by the oceans, increasing their acidity. A recent study published in Nature reported a 40 percent drop in phytoplankton since 1950. Plankton are crucial to much of life on Earth. They are the foundation of the bountiful marine food web, produce half the world’s oxygen and suck up carbon dioxide. Half the world’s oxygen! I don’t know why that fact alone does not send shudders through the population.

Mr. Bell suggested that I look at the Global Warming Petition project, reportedly signed by 31,000 scientists and engineers. I had looked at this petition before his suggestion. However, I am more interested in the opinions of climate scientists than of self-proclaimed experts. The conclusion that recent global warming is being caused by human emissions of CO2 was reviewed and endorsed by the National Science Academies of every major nation from the United States to China.

If indeed global warming is a hoax as Mr. Bell claims, it may be the largest ever perpetrated. It is kept going by thousands of scientists, speaking dozens of languages, by scores of universities and government agencies, and it has been going on for decades. In addition, they have been able to create physical evidence to support the hoax such as record-hot decades, melting glaciers, thawing permafrost, declining ocean life and rising sea level.

Jon Parker, ME 60
Houston

Keep Your Pants On
In regard to the Jacket jesters’ No Pants Day celebration [March/April], apparently aesthetics has taken a distant backseat to stupidity. If my daughter and I were riding that train, I’d hate to have to explain to her why a fine institute such as Georgia Tech deems crudeness to be humor. As for the comment that “a good prank … needs to be original,” copying a worldwide event is not.

George Rezac, AMath 69, MS InfoSci 70
Lakeland, Fla.

Diversity Costly
It was interesting to read about the Institute’s inordinate emphasis on diversity [January/February]. With a vice president for Institute Diversity; a director of human resources and diversity management; a Center for the Study of Women, Science and Technology; an Office of Minority Educational Development; and a dean of the Ivan Allen College whose emphasis is on diversity, it is clear the Institute has more money to spend than it knows what to do with. An emphasis on diversity has contributed to the ruin of our public grammar and high schools. Let’s not let it ruin Tech.

Adrian F. Kirk Jr., IE 60
Marietta, Ga.
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- North Carolina
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- **ENABLES** Tech to offer a world-class education to brilliant students, conduct research that will benefit the world for generations, and seize upon exciting opportunities.

You can visit [www.gtalumni.org](http://www.gtalumni.org) today to check out the list of alumni donors and to make your gift to the 64th Annual Roll Call.
May/June 2011 Georgia Tech Alumni Magazine

Black History Exhibit Unveiled

By Van Jensen

A tornado watch wasn’t enough to stop the late February unveiling of an exhibit to celebrate the history of black students at Georgia Tech. Several of Tech’s first black students were in attendance, and after going through desegregation, they weren’t about to be deterred by weather.

The event, held as part of the Institute-wide celebration of the 50th anniversary of the matriculation of black students at Tech, featured a panel discussion on diversity, a reception and speeches to commemorate the occasion.

The exhibit, displayed in the Alumni House, was created through collaboration between the Georgia Tech Black Alumni Organization and the Alumni Association. It features photographs, art and a timeline marking notable moments in the history of black students, faculty and staff at the Institute.

Francine McCarley-Foxworth, IE 79, chair of GTBAO’s history committee, explained that the idea for the display first came up in 2006. She thanked Marilyn Somers, director of the Alumni Association’s Living History program, for supporting the effort and supplying historical information.

“The main inspiration [for the exhibit] was student activism,” McCarley-Foxworth said.

She explained that the first students “weren’t coming to Georgia Tech for college. They were coming to stake their claim to the American dream.”

GTBAO leaders also thanked Alumni Association President Joe Irwin, IM 80, for assisting with the project.

“This project was a long time in the making,” Irwin said. “I’m so delighted with the result. When we get visitors, which we do daily, you’ll see them studying it.”

The exhibit’s timeline begins at 1961, the year Tech President Edwin Harrison and his administration made plans for the peaceful integration of the Institute. Later that year, Ralph Long Jr., Ford Greene and Lawrence Williams enrolled.

Long, the only one of the three in attendance, was recognized as GTBAO president Errika Mallett, ISyE 96, listed the efforts of the early students.

“This is an amazing occasion, one because of this exhibit and two because of the history in this room,” Mallett said. “I would encourage you to bring your children here. Bring prospective students and current students. That’s your history.”

Other guests included Georgia Sen. Hardie Davis, EE 92; Tech President G. P. “Bud” Peterson; Ivan Allen College of Liberal Arts Dean Jacqueline Royster; and Eddie McAshan, IM 79, Tech’s first black quarterback.

The exhibit also notes the 1966 “surge” as 10 black students enrolled at Georgia Tech that year.

“Ten is hardly a surge, but it is a start,” Peterson said. “We can be proud and pleased with the courage of the first students and of the [Institute’s] leaders. Georgia Tech was going to do everything it could to do it right. But we have a lot of work yet to do.”

Haywood Solomon, IM 70, a member of the 1966 surge, reflected on his years as a student. He said the students all lived in the Burge apartments and gathered regularly at a particular table in the Brittain Dining Hall. Later, they opened the first Black House, a cultural center for black students.

“Tech had a culture of acceptance, but it wasn’t overt,” Solomon said. “Students were not friendly. To survive, we had to create our own community.

“Today there are over 10,000 black alumni. I was the only one in my graduating class.”

Solomon encouraged the audience to continue to help with the recruitment and support of black students, and he called for support for GTBAO’s 50th anniversary scholarship endowment. The organization hopes to raise $2,011,000 by June 30.

Archie Ervin, vice president for Institute Diversity, said with Georgia and national demographics changing, Georgia Tech needs to work harder to recruit a broader range of students.

“The issue is making it a campus they want to come to,” Ervin said. “The story is that in 25 years our population base of students will not be what it is today. Are we going to capture the talent that has not been mined?”

While the unveiling ostensibly was focused on the past, the subject of the future came up frequently. Solomon reminded the attendees that the exhibit should encourage people to look forward.

“We’re so glad to see us move from surviving to becoming a fully integrated part of campus,” Solomon said. “It is great to see the legacy move from the past to the future.”
Alumni Board of Trustees Nominations

Executive Committee:

Chair: Dean Alford, EE 76, of Conyers, Ga., is the president and CEO of Allied Energy Services LLC. He received the Dean Griffin Community Service Award in 2006 and is a College of Engineering Distinguished Alumnus. Former Gov. Sonny Perdue appointed him to the board of directors of the Technical College System. He also is chairman of the Miracle League, an organization that builds baseball fields for children with special needs across the country.

Chair-elect and Vice Chair for Roll Call: Walt Ehmer, IE 89, of Atlanta, is the president and chief operating officer of Waffle House. He joined the company in 1992. He also serves as chairman of Ozark Waffles, an operation of 38 Waffle House restaurants in Arkansas. President of Alpha Tau Omega while a student, he continues to be involved with the fraternity. He was co-chair of the Thousand Club for the 54th Roll Call and is a past trustee and executive committee member of the Alumni Association. He is a College of Engineering Distinguished Alumnus. Ehmer is an active philanthropist, raising money for research of cancer and cystic fibrosis.

Vice Chair of Finance: Steve Chaddick, EE 74, MS EE 82, of Atlanta, is a mentor capitalist at Ridgewood Advisors LLC. He is a past trustee and a past member of the Alexander-Tharpe Fund board. He is a member of the Georgia Tech Foundation board of trustees, the Georgia Tech Research Corporation board of trustees and the College of Engineering advisory board. He is a College of Engineering Distinguished Alumnus. He endowed the Steve W. Chaddick Chair in Electro-optics in the School of Electrical and Computer Engineering and the Electrical and Computer Engineering School Chair.

Past Chair: Al Trujillo, AE 81, of Sandy Springs, Ga., is an adviser, investor and director of NUBAC LLP after a career in various industries. He was named to Georgia Tech’s Council of Outstanding Young Engineers and is a current member of the College of Engineering’s advisory board.

Members At Large

Bird Blitch, IE 97, of Atlanta, is CEO of SecureHealthPay. He is a past trustee. He was a founding board member of the Georgia Tech Business Network as well as the 1st and Ten Georgia Tech Athletic Board.

Marian Epps, IM 83, of Atlanta, is the chief financial officer for Epps Aviation. She is a current trustee. Epps, who obtained her commercial pilot certification with instrument and multiengine ratings while a Tech student, is a member of the Atlanta Aero Club and National Business Association.

Bob Stargel, EE 83, of Alpharetta, Ga., is the vice president of Global Nonwovens for Kimberly-Clark Corp. He is a current trustee. He is responsible for the development, commercialization and supply of materials used to support Kimberly-Clark’s branded personal health and hygiene products.
Trustees:

Stan Anderson, IM 75, of Atlanta, is CEO of SimpleC. He is a past member of the College of Management dean’s advisory board.

Fred Carlson, CE 01, MBA 04, of Tampa, Fla., is chief operating officer of Ice House USA. He received the 2011 Outstanding Young Alumnus award and is vice president of the Tampa/Suncoast Georgia Tech Club.

Ralph Cleveland, ME 86, of Atlanta, is the executive vice president of AGL Resources. He chairs the American Institute for Managing Diversity board of trustees and is the first vice chair of the national board of the American Association of Blacks in Energy.

Rich DeAugustinis, IE 92, of Norcross, Ga., is the McDonald’s division vice president of strategy, planning and business development at the Coca-Cola Company.

Nicolette Gordon, ME 93, of Hampton, Ga., is an IT developer at Carter Brothers LLC. She is past president of the Georgia Tech Black Alumni Organization.

Russ Heil, AE 64, of Peachtree City, Ga., retired as an executive vice president of Delta Air Lines. He is a past member of the Georgia Tech advisory board and a current member of the aerospace engineering advisory board.

Tommy Herrington, IM 82, of Conyers, Ga., is a project manager for Gay Construction Company and a member of the Georgia Tech Athletics Hall of Fame.

Tracey Jennings, ME 89, of Dunwoody, Ga., is the vice president of Trinity Program Management. She also co-founded the Female Business Owners Alliance.

Andrea Laliberte, IE 82, MS IE 84, of Jacksonville, Fla., is a member of the Georgia Tech advisory board and the H. Milton Stewart School of Industrial and Systems Engineering advisory board. Laliberte also is a College of Engineering Distinguished Alumna.

Tyrone Murray, ME 82, of Midlothian, Va., is the director of product design and technology at Altria Client Services. He and his wife, Wanda, HS 82, a current trustee of the Association, are involved in the Richmond Georgia Tech Club.

Betsy Wallace, Arch 96, of Atlanta, is a management consultant at NeighborWorks America. She is a past president of the North Metro Atlanta Georgia Tech Club.

Brent Zelnak, Mgt 94, of Atlanta, is president of ZP Enterprises. He previously was a vice president of ING Investment Management.

Ballot for Election of Board of Trustees

I approve the nominees listed.

The nominating committee comprised of the current Alumni Association chair, chairs from the previous three years and the executive committee selected the final list of candidates for the board of trustees.

Mail ballot to Jolie Rosenberg at:
Georgia Tech Alumni Association, 190 North Ave. N.W., Atlanta, GA 30313
Ballots must be received by May 19. Vote online at gtalumni.org.
Investors Riot for Startup Companies

**By Van Jensen**

Multihued lights shone and Cee Lo Green’s *Georgia* blasted from speakers in the Tabernacle, a downtown Atlanta concert hall, about as far removed from a traditional business environment as one could imagine. But there’s very little traditional about Startup Riot.

Now in its fourth year, the event brings together potential investors and 50 entrepreneurial companies looking for capital. Startup Riot allows the entrepreneurs three minutes each to pitch their companies to investors.

Nearly 500 people attended the February event, making it the largest Startup Riot yet, said founder Sanjay Parekh, EE 96. Sponsors included Georgia Tech’s Advanced Technology Development Center and the Georgia Tech Research Institute. More than a third of the entrepreneurs presenting at the event were ATDC members.

Andrew Warner, an entrepreneur whose online greeting card company Bradford & Reed grew into a $35 million business, delivered a keynote address. Warner explained that he didn’t have any money to start his company, only an idea. When he noticed that clothing retailer J.Crew had a no-limits return policy, Warner took back every piece of J.Crew clothing he owned. His first computers came from Staples, which allowed returns as well. He would use the computers and, as soon as the return term was about to expire, take them back and replace them with new models.

“It doesn’t take money to make money,” he said. “It takes a sense of mission. When you want it, there’s always a way to get that business off the ground.”

Warner now operates Mixergy, a website that features interviews between him and fellow entrepreneurs. He offered advice based on those conversations.

He encouraged entrepreneurs to push away from their desks and focus on expanding their networks. He also stressed that starting a business inevitably includes some hard moments and being successful requires finding a way to persevere.

“It’s tough. People underestimate it going in and downplay it afterward,” Warner said.

The presentations then began in what seemed like a blend of a rock concert, speed dating event, business meeting and, on occasion, stand-up comedy show.

The entrepreneurs took different tacks to gain the attention of investors. Some were bombastic. Others were professional or demure. One engaged in an extended pretend phone conversation while wearing angel wings.

Almost all of the companies were Internet or social networking based. The entrepreneurs competed for a spot in the event, and they weren’t charged for their three minutes.

Among those pitching was Anirudh Ramachandran, a PhD candidate in the School of Computer Science at Tech. His company, Nouvou, offers data-loss prevention. While Ramachandran is comfortable doing research, making a pitch to hundreds of people was a new experience.

“The first thing you realize is that, unlike a research talk, a pitch has to be short, have a compelling hook and also be dumbed down into something any layperson would understand,” he said. “Nobody is going to buy your product if they cannot instantly get its value.”

After his three minutes, Ramachandran met with several investors to demonstrate the Nouvou system. Each entrepreneur had a booth in another room. While Ramachandran didn’t make a business deal, he was glad to have participated.

Parekh said that while it’s rare for business deals to be signed at the event, Startup Riot gives entrepreneurs the chance to meet with business leaders and receive feedback on their projects.

Investors who had been conservative during the lean economy of recent years were more active at the 2011 Startup Riot, Parekh said.

“The feel of the event was definitely more upbeat than in previous years, which I think is a reflection of an improving mood,” he said. “That said, I think there are still investors who are reeling from losses over the year while others are getting aggressive and finding opportunities to invest.”
Job seekers were fortified with boxed lunches and words of advice during a workshop before the doors opened to 105 awaiting employers at the 28th annual Alumni Career Fair.

Bob Stargel, EE 83, vice president of Kimberly-Clark Nonwovens, used a Will Rogers quote — “Even if you’re on the right track, you’ll get run over if you just sit there” — to encourage Georgia Tech alumni and soon-to-be graduates at his March 29 presentation at the Cobb Galleria Centre to keep learning and leading.

“Leading is a lot more fun than following,” said Stargel, an Alumni Association trustee.

Stargel’s other catchphrases included reminders to make an impact, build constituencies and raise the bar.

“If you don’t raise the bar, you get stagnant,” he said, later adding, “It’s important to stretch yourself. … Add new tools to your tool belt.”

Stargel also believes a customer service model is key to success.

“Using a customer service approach in everything that you do is not just treating people like you want to be treated, it’s also anticipating people’s needs,” he said.

Stargel said the learning process can never stop.

“You’ve got to seek and value feedback to get better. … It’s not easy to do, but it’s a key point,” he said.

As he wished the job seekers luck in their career quests, Stargel reminded them that they still needed to work hard to land the ideal opportunity.

“Make your own luck,” he said. “I’m a big believer in the harder you work the luckier you get.”

— Kimberly Link-Wills

“Even if you’re on the right track, you’ll get run over if you just sit there.”
— Will Rogers

Lunch Attendees Consume Words Key to Job Success

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May / June 2011  Georgia Tech Alumni Magazine  19
Jackets Required: Sightings of Tech Grads and Friends

1. Africa

2. Atlanta

3. Georgia Tech


5. Arizona

6. Caribbean
1. Matthew Memberg, CE 00, a structural engineer with HDR Inc., showed his Tech pride by wearing a Yellow Jackets ball cap at Navy Camp Lemonnier in Djibouti, Africa. 2. Among the estimated 1,000 job seekers at the Alumni Career Fair were, left to right, Rory Sims, Mgt 09; Britney Bell, who is earning a management degree in May; and Doug Cain, IE 09, an MBA recipient in May. 3. Heather Rocker, ISyE 98, executive director of Women in Technology and an Alumni Association trustee, is featured in Ann Taylor’s Industry Lookbook online at students. annitaylor.com. Five Tech students also are featured as part of the Ann Taylor campaign in which undergrads and professionals were photographed on 10 university campuses across the country wearing the company’s spring fashions and talking about their career aspirations. 4. Maddie and Will Goodrich pose in their Tech gear. They are the children of Ashley Sedki Goodrich, Mgt 94, MSM 98, and Steve Goodrich, MSM 98. 5. Tech President G. P. “Bud” Peterson spoke to alumni and friends at a Campaign Georgia Tech roll-out event in Phoenix. 6. Dick Robinson, IM 65, keeps up with classmates in Ramblin’ Roll while on the Alumni Travel Caribbean tour. 7. Daniel Burapavong, IE 05, took along the Alumni Magazine to China for a visit to the Zhangjiajie National Forest, where James Cameron filmed mountain scenes for the movie Avatar. 8. Buzz turned up on the island of Virgin Gorda during the Alumni Travel Caribbean cruise. 9. Former pro basketball player John Salley, Mgt 88, and Ben Register, IM 51, were in attendance at the Legends Luncheon during the ACC basketball tournament in Greensboro, N.C. 10. Former President Jimmy Carter, Cis 46, spoke to the Downtown Atlanta Rotary Club and talked with Richard Kramer, Arch 80, M Arch 82, and his son, Christopher Kramer, CS 07. 11. Harrison Ford and Pat Epps, ME 56, were named Living Legends of Aviation in a ceremony at the Beverly Hills Hilton. Epps was inducted into the Georgia Aviation Hall of Fame in April.
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Tech Responds to Disaster in Japan

By Van Jensen

The first reverberations of the 9.0-magnitude earthquake off the coast of Japan reached Georgia Tech early the morning of March 11.

Matt Nagel, a senior media relations representative at the Institute, was at home — and asleep — when his cellphone rang. It was someone from the Atlanta Fox television station wanting to schedule an interview with a Georgia Tech earthquake expert. Nagel said he’d arrange something later in the morning and tried to go back to sleep.

But when Nagel received calls from CNN and the CBS Evening News, he knew that the disaster was so bad he needed to get moving. He soon learned that the earthquake had triggered a massive tsunami that devastated Japan’s east coast.

The earthquake was so intense it moved the entire island of Japan by eight feet and slightly shifted the Earth on its axis.

Although the earthquake struck across the world, the Institute’s engineering and science experts were called into action. Tech’s earthquake and tsunami researchers were interviewed for print and digital stories that would appear locally, nationally and internationally and for television, from networks to cable, including CNN en Espanol and the Weather Channel.

Tech administrators also worked quickly to connect with one staff member and eight students who were in Japan during the earthquake and make plans for them to return to the United States. The Institute has 35 students from Japan, and each was contacted and offered counseling and support.

Andrew Newman, an assistant professor in the School of Earth and Atmospheric Sciences, was working on a volcano in Costa Rica when his field phone rang with news about the devastation in Japan. Newman is developing a real-time tsunami warning system, RTerg.

Newman was interviewed by several news outlets and has since begun incorporating the Japan earthquake into his academic research.

In the immediate aftermath of the disaster, an iPhone app created by twin brothers Chris and Ryan McGarty, both CS 04, was downloaded more than 500,000 times. Their app allows the iPhone camera flash to be used as a flashlight.

Hermann Fritz, an associate professor of civil and environmental engineering at Georgia Tech’s Savannah campus, spent the summer of 2009 as a visiting faculty member at the University of Tokyo. During that time, he helped evaluate tsunami preparedness on the Sanriku coast, which was hit hardest.

“We all were under the impression that all humanly possible preparations were taken,” Fritz said.

However, those preparations were based on historical earthquakes of about 8.0 magnitude, he said.

“The magnitude of the earthquake is simply unprecedented for Japan,” Fritz said. “No one expected a magnitude 9.0.”

One location that was woefully underprepared was the Fukushima nuclear power plant, Fritz said. It had been built to withstand a 6-meter-high tsunami, but the wave that hit the plant was 8 meters high.

Glenn Sjoden, a nuclear engineering professor, detailed the failures of the Fukushima plant in the wake of the tsunami. A massive explosion triggered a near meltdown, and responders still were struggling to contain the radiation a month later.

Sjoden spoke at an event hosted by Tech’s Center for International Strategy, Technology and Policy in April. The office of the consulate general of Japan in Atlanta brought its book of condolences and encouragement to the campus gathering, and attendees wrote messages to the Japanese people in its pages.

Sjoden said the Fukushima plant is one of the oldest nuclear plants in Japan, and the newer plants were better prepared for the tsunami and had no problems.

“In this case the backups and the backups of the backups failed,” he said.

Sjoden predicted the radiation leak will take 10 years to clean up. But he is still a proponent of nuclear power. He stressed that far more damage is caused by the burning of fossil fuels.

“I do believe nuclear power is extremely important for our infrastructure,” he said. “Nuclear must be a component of our alternative energy future.”
Formed Sen. Sam Nunn used much of his time at the podium when accepting the inaugural Ivan Allen Jr. Prize for Social Courage not to recount his past achievements but to relate America’s current challenges.

“First, our fiscal policy is out of control. Today it weakens our economy and our global leadership and threatens our economic future,” said Nunn, Cls 60. “Second, we have no sustainable, sensible energy policy, nor do we have a carbon policy which makes sense for our security or our environment.

“Third, our leading role in math, science and engineering is eroding. Our elementary and secondary schools are critically short of qualified math and science teachers. In 1999 — and we’re reaping some of the downside of that now — 69 percent of U.S. eighth-graders received instruction from a mathematics teacher who did not hold a degree or certificate in mathematics — 69 percent. And that number is 93 percent for students in the physical sciences — 93 percent,” he said.

Nunn said the United States ranks 60th among all nations and 17th among developed nations in the percentage of college graduates earning degrees in science or engineering.

“And think about this: China is already graduating more English-speaking engineers than we are in the U.S., this at a time when there’s clear evidence that our productivity, and therefore our standard of living in future years, will depend in large part on innovative technologies, discovery and scientific research,” he said.

“Do we have the political will and a civic will to work together to confront these challenges and fill a world of promise while avoiding a world of peril? That’s a big question for America today.”

Nunn has devoted much of his life to tackling the world’s big questions. In introducing Nunn as the prize recipient at the Ivan Allen College Founder’s Day luncheon in March, Georgia Tech President G. P. “Bud” Peterson called him “a man of wisdom, conviction and courage.”

During Nunn’s 24 years in the Senate, he “gained a reputation of doing the right thing, regardless of political cost,” Peterson said, providing an example. “In 1978 he worked to help Panama regain control of the Panama Canal when American sentiment ran high against this activity. He was facing a re-election campaign at the time but said he had an obligation to vote his conviction rather than public opinion.”

History perhaps may most remember him for the Nunn-Lugar Cooperative Threat Reduction Program to secure and dismantle weapons of mass destruction.

“Since leaving office Senator Nunn has worked tirelessly in his conviction to combat the deepening worldwide nuclear crisis,” Peterson said, noting his current role as co-chair and chief executive officer of the Nuclear Threat Initiative and as chairman of the board of the Center for International and Strategic Studies. Nunn also is a distinguished professor in the Institute’s Sam Nunn School of International Affairs, which was named in his honor in 1996.

Nunn, along with former Secretaries of State Henry Kissinger and George Shultz and former Secretary of Defense William Perry, recently have written a series of Wall Street Journal editorials “outlining their vision for a world without nuclear weapons and the critical steps needed to get there,” Peterson said.

Kissinger, Shultz and Perry all took part in a video conference with Nunn at Tech during a symposium the day before the award presentation and applauded his work, as did President Barack Obama in a recorded salute.

Nunn, a Democrat, is a firm believer in cooperation, regardless of party ties.

“I’m baffled when I hear elected officials say, ‘I wasn’t sent here to compromise,’” Nunn said during his acceptance speech. “My reading of American history indicates that we never would have had a nation without founding fathers who were willing to compromise. We inherited a sound system of government, probably the best ever devised by human beings. Will we pass it on? Can we muster the civility required to meet our fundamental challenges as a nation? Will our leaders pass the Ivan Allen social courage test? Will our citizens be mere spectators or will we see a sustained burst of alert citizen social courage?”
Nunn referred to a question-and-answer session conducted the day before at the Global Learning Center by Bob Schieffer of Face the Nation. The longtime CBS newsmen asked Nunn if he thought Congress was dysfunctional.

“Not quite,” Nunn said, “but I do have a few suggestions. First, civility does not mean eliminating passion and debate from our public discourse, nor does it mean agreeing on every issue for agreement’s sake. Civility does mean listening with the genuine desire to understand. It means being open to being persuaded. It means when you disagree with others you do so without demonizing them. It means respecting others as patriots who love America and partner in a shared quest for answers that are practical, effective and workable and sometimes very difficult to arrive at.”

Nunn stressed that his achievements were the result of collaboration, often with Republicans.

“This was true of the Nunn-Lugar legislation on nuclear, chemical and biological weapons. It was true of the Goldwater-Nichols legislation reorganizing the U.S. military. It was true of the Cohen-Nunn legislation creating our special forces command. It was true of the Nunn-Warner legislation on volunteer force initiatives. It was true of the Nunn-Domenici legislation that would totally rewrite the U.S. tax code, which never became law and needs revisiting today,” he said.

“It was also true of the Aspin-Nunn legislation on curbing the growth of entitlement programs in the U.S. military, most of which has now been repealed. That also must be revisited if we are to regain fiscal sanity. It remains true today when working daily with George Shultz, Bill Perry and Henry Kissinger to make nuclear weapons less relevant and to reduce nuclear risk.”

For a transcript of Nunn’s speech as well as videos from the symposium, visit iac.gatech.edu.

Amira Choueiki, Joel Hewett and Philip Rafshoon were saluted during the Ivan Allen College Founder’s Day.

Legacy Awards Recognize New Directions, Volunteerism and Service Around the World

Philip Rafshoon, IM 83, was presented the Alumnus Legacy Award during the Ivan Allen College Founder’s Day luncheon at the Biltmore Hotel in March.

The prize was presented by Peter Brecke, Tech’s assistant dean for Information Technology, who said Rafshoon “worked in the computer industry for 10 years before embarking in a new direction for which Atlanta can be grateful. In 1993, Philip opened Outwrite Bookstore, an institution of great importance to the revitalization of Midtown Atlanta.

“It is not an easy thing to keep a bookstore going in these times, but Outwrite Bookstore remains commercially viable and a great resource for Atlanta,” Brecke said. “Outwrite is a venue for literary and community events that are at the very heart of Atlanta’s lesbian, gay, bisexual and transgender community.”

Rafshoon co-chaired the 2004 AIDS Walk Atlanta, serves on the Atlanta Police Department advisory board and received a Human Rights Campaign leadership award.

The undergraduate award was presented to Amira Choueiki, who is earning a degree in economics and international affairs. A Stamps leadership scholar, Choueiki serves on the Student Foundation board and Undergraduate Judiciary Cabinet. She also is an officer in the Muslim Student Association.

Choueiki has volunteered at the Carter Center and interned at the Stamps Family Charitable Foundation; Georgia Department of Economic Development; the Center for the Study of the Presidency and Congress; the Dubai Autism Center; and the Institute for Near East and Gulf Military Analysis.

The graduate student prize went to history and sociology of technology and science doctoral candidate Joel Hewett, a Melvin Kranzberg fellow. A member of the Graduate Student Senate, Hewett was a staff researcher, policy analyst and writer for the National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling.

Hewett also worked on the Carter Center Democracy Program on electronic voting technology and helped draft the Carter Center’s report on the May 2010 elections in the Philippines.

The faculty prize was awarded to professor Haizheng Li, who joined the School of Economics in 1997. An authority on the Chinese economy, Li has received funding from the Ford and Sloan foundations.

He has served as president of the Chinese Economists Society and as co-director of the Georgia Tech-Shanghai summer program.

— Kimberly Link-Wills
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Talk Klingon to Me

Language creator launched a movement before writing dictionary for warrior race

By Leslie Overman

Within days of James Cameron’s Avatar premiering in theaters in 2009, a website devoted to teaching fans the language of the film’s alien Na’vi people had sprung up on the Internet. But before there was Na’vi, there was Klingon. For more than two decades, die-hard Star Trek fans have been studying and speaking the language of the warrior race.

Marc Okrand, the creator of the language, visited Georgia Tech in March to deliver a lecture titled “What is Klingon?” at the Student Success Center. The talk was part of a writing and communication program speaker series hosted by the Georgia Tech library, the School of Literature, Communication and Culture and the School of Modern Languages.

A linguist and closed-captioning expert, Okrand was hired to develop the Klingon language for the 1984 film Star Trek III: The Search for Spock.

“We wanted to have consistent grammar, consistent vocabulary, things like that, the idea being that in order for it to seem real, it had to be real — at least it had to be real to me,” Okrand said.

Tasked with creating a language for a nonhuman race, Okrand decided to violate the rules of sound, rhythm and grammar typically found in human languages. He began by studying the sounds of the first Klingon words, which appeared in 1979’s Star Trek: The Motion Picture, and then added his own sounds, avoiding those common to English. He also decided on a very uncommon sentence structure for Klingon: object, verb, subject.

“It’s actually backwards from English,” Okrand said. “And I chose that one not because it’s backwards from English, but because it’s not common in the world’s languages. Therefore, in a weird way it’s the least human.”

What Okrand created was a language of deep, guttural sounds, with 23 consonants and five vowels. He made tapes to help the actors in the film memorize their lines, and he was on set to make sure they pronounced the words correctly.

By the time he began assisting with the fifth Star Trek film, Okrand had published a Klingon dictionary. It was about that time, Okrand said, that he discovered people were taking the language more seriously than he thought possible.

“Klingon was made up basically as props for a film,” Okrand said. “My thinking was it’s going to make the film interesting and more realistic in the same way that the weapons were really cool in Star Trek. They won’t work, they’re just a thing. So is the language — I thought.”

There now is a Klingon Language Institute, which publishes a quarterly journal of scholarly papers on the language. There is a Klingon summer camp, at which students take language lessons and play baseball, Okrand said, adding, “There’s no way in Klingon to say, ‘You’re out,’ or ‘You’re safe.’ You’re dead, or you’re alive.”

He has heard fans perform songs in Klingon, including renditions of the Sesame Street theme song, Patsy Cline’s Crazy and Arlo Guthrie’s Alice’s Restaurant. And some Trekkies have gone so far as to begin translating all of Shakespeare’s works into Klingon. Okrand said their Hamlet “really is a brilliant translation,” maintaining puns and iambic pentameter.

Fans wait on Okrand to add to the language’s vocabulary. The linguist confessed he is not fluent in Klingon, although he believes he has the best pronunciation skills of anyone. He said he feels a bit uneasy when fans try to speak to him in the language he created.

“What I’ve discovered is that if I do say something and make a mistake, because I said it, it becomes right, and it really messes stuff up,” he said. “So I’m really careful when I speak Klingon. One of these days, I should sit down and listen to my tapes I guess.”

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Graphene Nanoribbons Produced

A new “templated growth” technique for fabricating nanoribbons of epitaxial graphene has produced structures just 15 to 40 nanometers wide that conduct current with almost no resistance. These structures could address the challenge of connecting graphene devices made with conventional architectures — and set the stage for a new generation of devices that take advantage of the quantum properties of electrons.

“We can now make very narrow, conductive nanoribbons that have quantum ballistic properties,” said Walt de Heer, a professor in Tech’s School of Physics. “These narrow ribbons become almost like a perfect metal. Electrons can move through them without scattering, just like they do in carbon nanotubes.”

The new fabrication technique allows production of epitaxial graphene structures with smooth edges. Earlier fabrication techniques that used electron beams to cut graphene sheets produced nanoribbon structures with rough edges that scattered electrons, causing interference. The resulting nanoribbons had properties more like insulators than conductors.

“In our templated growth approach, we have essentially eliminated the edges that take away from the desirable properties of graphene,” de Heer said. “The edges of the epitaxial graphene merge into the silicon carbide, producing properties that are really quite interesting.”

— John Toon

Early Earth Was Hotter, More Acidic

A new study reveals that a group of ancient enzymes adapted to substantial changes in ocean temperature and acidity during the last 4 billion years, providing evidence that life on early Earth evolved from a much hotter, more acidic environment to the cooler, less acidic global environment that exists today.

The study found a group of ancient enzymes known as thioredoxin were chemically stable at temperatures up to 32 degrees Celsius (58 degrees Fahrenheit) higher than their modern counterparts. The enzymes, several billion years old, also showed increased activity at lower pH levels, which correspond to greater acidity.

“This study shows that a group of ubiquitous proteins operated in a hot, acidic environment during early life, which supports the view that the environment progressively cooled and became more alkaline between 4 billion and 500 million years ago,” said Eric Gaucher, an associate professor in Tech’s School of Biology.

The study, published in early April in the advance online edition of the journal Nature Structural & Molecular Biology, was conducted by an international team of researchers from Georgia Tech, Columbia University and the Universidad de Granada in Spain.

“By resurrecting proteins, we are able to gather valuable information about the adaptation of extinct forms of life to climatic, ecological and physiological alterations that cannot be uncovered through fossil record examinations,” Gaucher said.

Reconstructed enzymes from the Precambrian period, which ended about 542 million years ago, were used to examine how environmental conditions, including pH and temperature, affected the evolution of the enzymes and their chemical mechanisms.

The study results showed that the three oldest thioredoxin enzymes — those thought to have inhabited Earth 4.2 to 3.5 billion years ago — were able to operate in lower pH environments than the modern thioredoxin enzymes.

The researchers also found that the ancient proteins were stable at temperatures up to 32 degrees Celsius higher than the modern thioredoxins. The experiments showed that the enzymes exhibited higher temperature stability the older they were.

— Abby Robinson

Junior’s Icon Miss Anne Retires

Anne Pamfilis, known to thousands of alumni, students, faculty and staff as “Miss Anne,” has retired from Junior’s Grill after 33 years of service.

“My favorite part of the job was the interaction,” said the 81-year-old Pamfilis. “I’d share my stories and advise them [the customers]. I was on my feet all day long, but it didn’t bother me.”

According to Sandi Bramblett of Institutional Research and Planning, 166,893 students have taken classes at Tech since 1974. “My educated guess is that Anne served at least 90 percent of them,” Bramblett said.

Of course, Pamfilis had her regular customers, including the group that always came in for coffee or the customer who would bring her fig preserves. When she had an operation on her knee, some even brought in remedies to help ease her pain.

“They were my family,” she said. Pamfilis’ customers are just as sentimental about her.

“When I was expecting my first son, she made sure that I had a baked sweet potato and fried okra whenever I walked through the door,” Bramblett said.

“And she always remembered that my husband and I had our
first date at Junior’s, and without fail, would tell each of us how lucky we are to have found each other.”

But Pamfilis’ nephew may be the most grateful for her time at Junior’s.

“My aunt has always been a listener and encourager regarding anything I needed to share about work or family,” said Tommy Klemis,Cls 74, the diner’s owner. “Although I’ll still be able to tap her wisdom at family get-togethers, I’ll miss her daily presence and assurance that the day’s challenges will turn out OK.”

At a packed retirement party at the Student Success Center in February, Pamfilis said she looked forward to playing bridge, spending time with family and volunteering.

— Amelia Pavlik

Nanoparticles Aimed at Pediatric Diseases

The Center for Pediatric Nanomedicine, the first of its kind in the world, will develop targeted, molecular-sized nanoparticles as part of a unique approach to treating pediatric diseases. Specific focus areas will include pediatric heart disease and thrombosis, infectious diseases, cancer, sickle cell disease and cystic fibrosis.

The center will involve researchers from Georgia Tech, Emory University and Children’s Healthcare of Atlanta.

“Because nano-scale structures are compatible in size to bio-

molecules, nanomedicine provides unprecedented opportunities for achieving better control of biological processes and drastic improvements in disease detection, therapy and prevention,” said the director, Gang Bao, the Robert A. Milton professor in the Department of Biomedical Engineering at Georgia Tech and Emory.
The discoveries made in these centers also will be applied to research in pediatric diseases. For example, scientists in the center for nucleoprotein machines are focused on developing a technology to correct single-gene defects that lead to human disease. They hope to use this approach to treat and eventually cure sickle cell disease, first focusing on curing a mouse model of sickle cell. The new technology would then be applied to human sickle cell patients.

“Nanomedicine is expected to dramatically exceed what has occurred in the field thus far, and our belief is that it will revolutionize medicine,” Bao said. “We plan to make this new pediatric nanomedicine center a leader in applying these unique discoveries to treating and curing children’s diseases.”

— Liz Klipp

Avian Embryos May Be Cell Study Tool

Avian embryos could join the list of model organisms used to study a specific type of cell migration called epiboly, according to a study published in March in the journal Developmental Dynamics. The study explains how epithelial cells expand as a sheet and migrate to engulf the entire avian egg yolk as it grows. It also reveals the presence of certain molecules during this process that have not been previously reported in other major developmental models, including Xenopus frogs and zebrafish.

“These molecules and mechanisms of early development in the avian embryo may demonstrate evolutionary differences across species in the collective movement of epithelial cells and motivate additional studies of avian embryo development,” said Evan Zamir, an assistant professor in mechanical engineering at Tech.

Tech researchers conducted immunofluorescence and high-resolution confocal microscopy experiments to examine the spatial distribution and expression of five proteins as cells moved to wrap the yolk sac of quail embryos during development.

The results showed that during this process, four of the proteins appeared in the cells located at the free edge of the migrating cell sheet. Finding dense interconnected networks of both vimentin and cytokeratin in the edge cells surprised the researchers.

“Since cytokeratin is generally associated with the epithelial phenotype and vimentin is generally associated with the mesenchymal phenotype, it’s rare to see them expressed in the same cells, but this does occur in metastasizing tumor cells,” Zamir said.

This finding provides evidence that epithelial cells normally attached to a membrane surface underwent biochemical changes that enabled them to assume a mesenchymal cell phenotype, which enhanced their migratory capacity. This process, called partial epithelial-to-mesenchymal transition, has many similarities to the initiation of tumor cell metastasis and wound healing.

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Since this epithelial and mesenchymal expression pattern in the edge cells has not previously been reported in Xenopus or zebrafish, it may be unique to the avian embryo. This discovery would make the avian embryo a valuable model for studying tumor cell migration and wound healing.

— Abby Robinson

Ferst Center Announces 2011-12 Season

The Ferst Center for the Arts has posted video links at ferstcenter.gatech.edu to showcase the talents of the performers coming to the Georgia Tech stage, beginning with trumpet player Herb Alpert and his wife, Grammy Award-winning singer Lani Hall, who will open the season Sept. 16.

Comedian Bill Cosby will perform two shows on Oct. 23 in what is being billed as a “special engagement.”

Troupes coming to Tech include Philobolus, the Imperial Acrobats of China Chi of Shaolin and Bridgman/Packer Dance. Musicians include guitarist Earl Klugh, ukulele virtuoso Jake Shimabukuro and Latin jazz king Paquito d’Rivera. Vocalists such as Take 6, Sophie Milman and Claire Lynch also will take the Ferst stage.

Pianist Jade Simmons has been selected as the ARTech resident for 2011-12. New work created during her residency at Georgia Tech is scheduled to be performed Feb. 18.

Couple Win Computing Education Award

Mark Guzdial and Barbara Ericson, the husband-and-wife pair who are reinvigorating computing education for a generation of Georgia students, have received the Association for Computing Machinery’s 2011 Karl V. Karlstrom Outstanding Educator Award.

Guzdial, a professor in the School of Interactive Computing, and Ericson, the director of computer science outreach in the College of Computing, are the driving forces behind Georgia Computes!, a nationally recognized program intended to enhance computing instruction throughout the state’s primary and secondary schools. One of the National Science Foundation’s Broadening Participation in Computing alliances, it has been copied by other states looking to make advances in computer science education.

This is the first time the award has been given to a pair rather than a single individual.

Georgia Computes! operates through a combination of teacher workshops, student computing camps and curricular support and consultation. More than a third of all public high schools have sent at least one teacher to attend a Georgia Computes! workshop. And nearly 1,900 students have attended a computing camp or workshop at Georgia Tech organized by Ericson and Guzdial.

“We see this award from ACM as validating Georgia Tech’s goal of making computing accessible,” Guzdial said.
Ben Zinn: Burning Passion

Story and photos by Van Jensen

Until his August 2010 retirement, Ben Zinn was the longest-tenured Regents’ professor at the Institute. But Zinn didn’t let a little thing like retirement keep him from his work. Previously the David S. Lewis Jr. Chair in the School of Aerospace Engineering, Zinn continues to conduct research at the Ben T. Zinn Combustion Laboratory. Before his academic career, Zinn was a star soccer player for both the Israel and U.S. national teams.

Retirement: Two weeks afterward, I was sorry I did it because I’m still working full time.

Joining Tech: When I came on campus in 1965 there were eight faculty members in the school. I had better offers, and my colleagues at Princeton thought I’d lost my mind. But it was a good gamble. They showed me drawings for two new buildings, the Montgomery Knight building and the old combustion lab. I thought it would be nice to come in on the ground floor. I’ve seen Tech go from a good engineering school to a major force in the world.

Eponymous laboratory: I will meet new people, and they will say, “I did not know that you were alive.” This happens on a regular basis. The building opened in 2001. We’re running out of space, which is a good problem to have. They’re building a new zero-carbon building across the street, and we will occupy part of that.

Research: It’s the largest combustion research program in the United States. All of the major aircraft engineering and car companies are funding our work. This lab is a center of excellence for GE Aviation and Pratt + Whitney. We work on jet engines, gas turbines, underwater propulsion — anything that burns.

Big rocket: This is the largest rocket ever built [part of which is pictured above]. It could lift 680 tons. It belongs to the Smithsonian, but they have too much stuff, so they let us have it.

Falling into fire: I came into combustion by accident. I was at Princeton for my PhD working on heat transfer. At the end of my first year, aerospace and mechanical engineering merged, and I lost my adviser. There was a famous professor in combustion, Luigi Crocco, and he took me on.

Missed ship: You never know how life will turn out. It’s all a series of accidents. I never intended to go to the United States for school. I was traveling in Europe to play soccer, and I planned to go to school in Israel. There was a ship that was supposed to pick us up, but it was late and I missed my entrance exams. If the boat had been on time, I still would be in Israel and just retired as a soccer coach. In my case, things worked out well.

Soccer origins: When I really started playing I was 5 or 6. Soccer was my life then. I didn’t care about school. I was a soccer bum. I came to the U.S. to attend NYU. A year later, they started a soccer program. I still hold all of their records.

One regret: When I was in graduate school at Stanford I got a call to play in the World Cup for Israel in a match against Italy. I didn’t go, and I regret it to this day. If you think about a whole lifetime, missing one quarter is not a big deal. The only regret is missing the World Cup. I still dream about it.

Quitting soccer: I looked at all of the players. They were finishing their careers and had no future. I wanted to have a vocation, and I was always encouraged to study at home.

Competitive spirit: I love sports. I served on the Georgia Tech athletics board for six years. I think sports make you competitive. And to be successful in research, you have to be competitive.

Competing for funding: I’ve probably raised more than $50 million. That’s pretty good. We earned funding from the NASA Center for Propulsion and Power. We competed with all of the major universities and won. We have excellent staff, faculty and students.
Current projects: We’re making solid progress in reducing emissions. We’re moving to almost zero nitrogen oxide emissions. We’re improving the performance of jet engines. We’re doing a study on fuel flexibility. The properties of fuel will be changing. We don’t know what will happen when engines use those fuels.

Laser: There are lasers all over the place. This one pulses at 6,000 hertz. We send the signal around the lab with fiber optics.

Top-secret project: Oh, this room we’re leaving is restricted. If you aren’t a U.S. citizen, you can’t go in there. You are a citizen, right?

One weakness: I enjoy the technological work, and I enjoy the teaching. I know my shortcoming, which is speaking my mind. That’s why I wouldn’t have made a good administrator.

Patents: I don’t remember all of them. I’ve co-authored hundreds of papers. I’ve supervised nearly 50 PhD students. They’re successful all over the world. One of my best students, Tim Lieuwen, is now a full professor here and a rising star.

NFL tryout: I knew one of the minority owners of the Falcons. He invited me to come to training camp [in the late 1960s]. The first soccer-style kicker was playing with the Dolphins, [Garo] Yepremian. I said, “Hell, I can kick soccer style.” The first time I kicked one [field goal] from 45 yards, no problem. Then sanity set in. I had nightmares of linemen breaking through and killing me.

Heavy foot: All my life I have driven sports cars. Right now I’m driving a Porsche Cayman S. It’s a good go-kart for an old man. I like to go to the north Georgia mountains. I have a lake house there, but I’m too busy working to go as often as I’d like.

A good life lived: I grew up in poverty. Through hard work, I’ve been fortunate. As I look back, I’ve had a good life. If I had it to do again, I wouldn’t do it differently — except for the World Cup.
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'86, '71 & '61 CLASS REUNIONS | CAMPUS UPDATE | RAMBLIN' WRECK RALLY
Rimbold Bordeau: Cuisine King

Planning the meals for Georgia Tech’s multiple dining halls and supervising the array of other dining options on campus is Rimbold Bordeau, the Institute’s executive chef for the past six years. Born and raised in Port au Prince, Haiti, Bordeau specializes in the French cuisine served at his family’s restaurant. He reflected on growing up in the kitchen, his favorite meals and his time at Tech.

1. When were you first exposed to cooking?
   My family owned a restaurant, and they had a farm. I saw how they went from seed to plant to food. I helped with washing dishes, running errands, picking up produce and cooking.

2. When did you come to America?
   I came to the United States after graduating from culinary school at the French Institute of Haiti in 1978. I went to the University of Kentucky to study business management, and then I worked at the university for seven years.

3. What brought you to Georgia?
   I moved to Atlanta to work at the Georgia World Congress Center as the chef for VIP events. I met a lot of world leaders, celebrities: Gorbachev, Oprah Winfrey, Ted Turner, Bill Clinton, George Bush Sr.

4. Did any celebrity make a big impression?
   Chuck Norris. He’s very polite. When I stopped by the table, he bowed. He knew what being a chef is all about.

5. What does it mean to be Georgia Tech’s executive chef?
   I’m responsible for all food service on campus, all of the VIP functions, the food at the president’s house. I do 7,500 meals a week.

6. How much interaction do you have with your customers?
   I have a good rapport with the students and faculty. I ask them what they want, and I make it happen.

7. What’s your ideal meal if you’re eating instead of cooking?
   A perfect meal would be seafood — grouper with steamed assorted vegetables, yellow saffron rice, a green salad.

8. What wine would you pair with it?
   I don’t drink, but white wine is good with seafood. A nice, fruity chardonnay would be good, maybe a pinot grigio.

9. Have you been back to Haiti since the earthquake?
   I went last year. I still have brothers and sisters there. My family was OK, but my mother passed away from a heart attack two months after the earthquake. I think it was from the stress of all that she saw.

10. What do you like most about your job?
    I like what I’m doing and the people I work for and work with. And I like serving people, to use my creativity to make people happy.

— Van Jensen
Innovators Shine During InVenture Prize Finals

By Van Jensen

The creative power of Georgia Tech’s undergraduate students was on full display at the third annual InVenture Prize finals.

Seven teams of inventors vied for the prize at the March event, which was televised live on Georgia Public Broadcasting from the Ferst Center. The teams each had three minutes to showcase their inventions before a panel of judges.

Several groups wore themed T-shirts and held signs to support the teams.

“We’re proud to be able to partner for the second straight year with GPB,” Georgia Tech President G. P. “Bud” Peterson said. “It’s an opportunity for young people to see science and technology and know it’s not boring.”

Numerous cameras were trained on the stage, which was decorated as if it were the set of a game show. Host Miles O’Brien started off the broadcast by referring to himself as “Ryan Geek-crest” and followed it up with a Charlie Sheen joke.

A quick video recapped the InVenture Prize process. Over the previous six months, several hundred entrants had been whittled down to 50 and finally to the seven finalists.

Judges were Sara Blakely, creator of Spanx shapewear; Greg Foster, ME 95, founder and CEO of BrightWhistle and a member of the Alumni Association board of trustees; Deborah Kilpatrick, ESM 89, MS ME 94, PhD ME 96, senior vice president of CardioDx; and David Phelps, ME 81, president and CEO of CreoSalus.

The finalists then took the stage to present their devices. Each took a different tack. The creators of Velociryder, a self-powered, two-wheeled skateboard, simply rode the device around the stage.

“Here’s how it works: You just ride it!” one team member shouted.

Roger Pincombe, a computer science major, won the inaugural InVenture Prize. He returned with a new invention, software that automatically generates online advertisements. Pincombe left a job at Microsoft to focus on the system.

Research scientist Bahareh Azizi, PhD Chem 05, served as a roving reporter during the show. After Pincombe’s presentation, she asked his mother what she did to foster her son’s creative interests.

“I think there’s power in pepperoni,” Pincombe’s mother responded. “He loved sliced pepperoni.”

One of the last presenters was Daniel Chaney, an industrial design major. Chaney stepped onto the stage with Brooks Tellekamp, an electrical engineering major. As Chaney spoke, Tellekamp began to play a guitar.

Chaney explained that guitar players often use either a slide or a capo, which is a small clamp placed on the neck of the guitar to create a different pitch. The two devices can only be used separately. Chaney designed and built the Slide-Capo, which combines the two and allows them to be used interchangeably.

“It gives you more flexibility than you’ve ever had to be more creative than you’ve ever been,” Chaney concluded.

Foster leaned forward in awe. “That was awesome,” he said.

As the judges convened to pick the two finalists, O’Brien interviewed the 2010 winner, Patrick Whaley, ME 10. Whaley created weighted sportswear that he recently began producing through his company, Titin. Whaley said the first production run already had sold out, and he credited the InVenture Prize with getting him started.

“It helped a lot, as much emotionally as monetarily,” Whaley said. “It let me know I was on the right track.”

Whaley then announced the winner of the 2011 People’s Choice Award, which was voted on through text messages and tweets by the audience. The winner was AutoRhexis, a team of biomedical engineering and mechanical engineering students who created a device to automate cataract surgery. They received $5,000.

Team member Chris Giardina, a biomedical engineering major, seemed more relieved than excited.

“We’ve all had three or four hours of sleep the last few nights,” he said.

The judges returned to the stage, and Blakely revealed that the two finalists were Slide-Capo and MAID, or Magnetically Assisted Intubation Device.

O’Brien allowed the tension to build before turning to Blakely to announce the winner.

“Everyone is a winner obviously, and you guys are incredible, but the winner is Slide-Capo,” she said.

Chaney let out a yell and raised his fist in triumph before taking hold of the InVenture Prize trophy.

“I mean, I was as confident as you could be,” Chaney said.
He received $15,000 and a U.S. patent filing by Georgia Tech’s Office of Technology Licensing. The MAID team members received $10,000.

Speaking after the event, Chaney said he knew going in that he faced long odds.

“It was intimidating to face teams whose products were solving major medical problems or featured high-level engineering,” he said. “I never counted myself out, because I knew my idea had what the judges were looking for: novelty, marketability and production readiness.”

To plan for the event, Chaney, who is graduating in May, first drafted a lengthy technical explanation of the device. But he said he realized it was too stuffy, so he recruited Tellekamp to join him on the stage.

Chaney said he’s considering his options for the Slide-Capo. He might sell the rights to an established business or sell the device himself.

He already has one client. After the event, Blakely asked if Chaney would build a Slide-Capo for her. She wanted it as a gift for her friend Ed Rowland, better known as the lead singer of Collective Soul.

“I was pretty thrilled,” Chaney said. “I’m working on getting that one built.”
Aya Ishizu took home the top prize in the 2011 Tech Chef competition. A pinch of Iron Chef and a dash of Top Chef, the cooking contest, staged at Britain Dining Hall, challenged students to make an inexpensive, healthy meal in 45 minutes or less.

Students competed in three categories: breakfast, lunch and entree. And all chefs were required to incorporate one ingredient into their dishes — low-fat ricotta cheese.

Ishizu, receiving her bachelor’s degree in industrial and systems engineering in May, won the overall competition after placing first in the entree division with her inspired twist on gnocchi. For her take on the Italian dumplings, traditionally made with potatoes, Ishizu formed a dough from ricotta and spinach with the help of her sous chef Randolph Tang, a biomedical engineering major. The dish was just 372 calories per serving.

While her studies have kept her from spending a lot of time in the kitchen, Ishizu said she does prepare her meals for the week each weekend. “For me, it’s really essential that I put good and nutritious food into my body so that I can perform well both academically and [physically] to keep up with my busy student life,” she said.

In addition to a Tech Chef apron, Ishizu received a $25 gift card for campus dining and an engraved J.A. Henckels knife commemorating her victory in the February competition. Here she shares her winning recipe with the Alumni Magazine.

— Leslie Overman

Tech Chef All Star

Vegetarian-friendly Ricotta Cheese Gnocchi

Ricotta cheese gnocchi

Add three-quarters of the spinach to a pot of boiling water and cook for about two minutes or until spinach softens. Drain the spinach, squeezing out excess water. Chop the spinach very finely and stir in the ricotta cheese. In a separate bowl, beat the egg. Add the Parmesan cheese, flour, a teaspoon of salt and the spinach and ricotta cheese mixture. Reserve some Parmesan cheese for the topping. Using your hands, shape the gnocchi dough into balls about an inch in diameter.

In another pot of boiling water, add ½ teaspoon salt. Drop gnocchi balls into the water. When they begin to float to the top, scoop them out and set aside.

Garlic tomato sauce

Cut half the zucchini into 2-millimeter-thick slices. Cut the other half into ¾-inch-thick slices, cut at an angle. In a large skillet over medium-high heat, heat the olive oil. Add the garlic and onions and sauté until onions begin to brown. Add white wine and reduce the heat to low. Stir in the 2-millimeter-thick slices of zucchini, diced tomatoes, tomato paste, basil and spinach and cook for 10-15 minutes. Add salt, pepper, dried parsley and oregano to taste. Add a tablespoon of Parmesan cheese. In another skillet over high heat, heat a tablespoon of olive oil. Add sliced mushrooms and remaining zucchini. Season with a pinch of salt, black pepper and a teaspoon of garlic. Saute for about 3 minutes or until browned.

To serve, lay a bed of gnocchi on the bottom of a plate and ladle on the tomato sauce. Top with mushrooms, Parmesan cheese and finely chopped parsley. Place zucchini on the side. Serves four.

1 cup low-fat ricotta cheese
½ cup shredded Parmesan cheese
½ cup flour, sifted
1 large egg
4 cloves garlic, minced
2 tablespoons olive oil
1 10-ounce bag spinach
1 sweet or yellow onion, chopped
1 8-ounce package mushrooms, sliced into thirds
1 zucchini
20 fresh basil leaves
2 tablespoons fresh parsley, chopped
½ cup white wine
3 ounces tomato paste
1 15-ounce can diced fire-roasted tomatoes, drained
2 teaspoons salt
1 teaspoon pepper
1 teaspoon oregano
1 teaspoon dried parsley

Eric Mansfield
Students Chosen for Innovation Challenge

A team of three undergraduate students from Georgia Tech will take its business idea, a virtual jam session called Cross Path Music, to Hong Kong in June. Only five teams from the United States were chosen to compete in the PolyU Innovation and Entrepreneurship Student Challenge, hosted by Hong Kong Polytechnic University.

Tech’s team consists of Sarah Vaden, an aerospace engineering major; Elizabeth Blumer, a management major; and Joy Buolamwini, a computer science major. Vaden also placed second in the 2010 InVenture Prize competition, and she and Buolamwini are Stamps Leadership Scholars. Blumer is the James C. Fry President’s Scholar.

The top entry, determined by a panel of judges, will receive $5,000, and an additional $6,500 in prize money is available for other top finishers.

Black Engineers Win National Honor

The Georgia Tech Society of Black Engineers received the National Distinguished Chapter of the Year award at the recent 37th annual national convention in St. Louis. This is the first time since 1999 the chapter has received this honor.

Tech undergraduate Jacob Tzegeagbe won the Mike Shinn Distinguished Member of the Year award.

The organization also took home several awards for the Southeast region, including Treasurer and Programs Chair of the Year, TORCH Creative Program of the Year and Regional Distinguished Chapter of the Year.

Solar Sanitation System Takes Prize

The Georgia Tech chapter of Engineers Without Borders was honored for its creation of a sustainable solar sanitation system at the National Collegiate Inventors and Innovators Alliance’s Open Minds competition in late March in Washington, D.C. The team won first place in the video competition and was named runner-up for the People’s Choice award.

The group designed a latrine that uses solar energy to inactivate disease-causing pathogens in waste and render it safe to use as fertilizer. The project is a collaboration of the student chapter, the Georgia Tech Research Institute, Emory University’s Rollins School of Public Health and community leaders in Bolivia, where the team has worked on installing prototypes of the system.

The Tech group also is working on projects in Honduras and Cameroon. In December, the Cameroon team began implementing a water distribution system in the village of Mungoa-goa by starting the installation of a solar-powered well. Students plan to return there this summer.
Roll Out the Barrels

Tech Square gastropub will help quench Wrecks’ appetite for ‘rum and sugar three thousand pounds’

Story by Kimberly Link-Wills
Photos by Melissa Bugg

Most university campuses are not known as foodie meccas. The Institute is working to change that by inviting a gastropub to set up shop and serve innovative grub washed down with craft beers in Tech Square.

The Barrelhouse Tavern is expected to open by the end of May in the 22 Fifth St. storefront vacated by St. Charles Deli, which is moving a block to be sandwiched in a smaller space between Waffle House and Great Clips.

“Tech is letting us take out the storefront glass that’s along Fifth and do an English pub sort of storefront, new windows facing West Peachtree and wraparound seating on a big outdoor patio,” said the Magnum Restaurant & Bar Group’s James Brooks, co-owner with Philip Christensen of Barrelhouse as well as Graveyard Tavern in East Atlanta Village.

Architect Jack Thilenius, Arch 91, M Arch 93, said, “It was really important to us to make a statement on that corner and create a lot of activity because that stark brick wall sort of turns its back on the West Peachtree side and doesn’t take advantage of that plaza. I know it’s Tech’s desire to have that plaza be filled with people and activity and life.

“But we didn’t want it to be a sports bar. We didn’t want to fill the place with TVs,” he said.

Brooks and Christensen confirmed that the walls of Barrelhouse will not sport Tech decor or rows of flat-screen televisions, although the TV sets the restaurant does have will be tuned to Yellow Jackets coverage on game days.

“We will have no beer advertisements or anything like that visible. We are a gastropub, not a bar. Now, we will have a full-service bar, and there’s no...
question we’re going to have the best selection of beers in the city. But we are going to be very food driven. That’s one of the reasons why we’re bringing Timothy Magee on. He’s one of the best chefs in the city,” Brooks said.

“While Barrelhouse won’t look exactly like Graveyard — Jack designed it as well — it will be a place that feels very cozy and friendly with really great food,” he said. “Georgia Tech came to us. A lot of students, faculty and staff love Graveyard. It’s a very warm scene. We’ve got a tremendous menu, and it’s a very comfortable place.”

Barrelhouse food will be priced with the pocketbooks of Tech students in mind, Brooks said.

“We’re going to have very affordable sandwiches and burgers and those kinds of things. Of course we’ll have those sorts of staples, there’s no question about that,” he said. “But the advantage of bringing Tim on as the chef is we really can do some extraordinary food that’s really going to get people’s attention. We’ll have the type of food that folks from all over Midtown, from all over Atlanta will want to come and eat.”

Christensen said, “The way we’re looking at it is we’re opening a Midtown gastropub that happens to be on the Georgia Tech campus. That’s what Georgia Tech wanted us to do. They did not want it to be a Tech bar.”

Chef Magee, who has worked at such famed Atlanta restaurants as Buckhead Diner, South City Kitchen and Parish, said he is creating a seasonal, produce-driven menu.

“The menu will evolve every three to five weeks based on what’s in season. We’re going to do more unique things with seafood and meats. We’ll source locally when it makes financial sense,” he said. “We’re talking about doing vegan wings, which nobody in town is doing. We’re going to have a dedicated vegetable plate for dinner that’s not just a combination of sides. Hopefully it will change every day of the week based on cooking technique or what kind of vegetables we can get.

“The idea for lunch will be a little bit more traditional. We’ll have really great, unique sandwiches, but they’ll be approachable, then dinner and the late night will be where we’ll really separate ourselves from anything else that’s going on in that area — and my hope is Atlanta in general. We really want to do a legitimate take on the gastropub — the London, England, influence, where it all really started. We’re going to push the envelope,” Magee said.

Barrelhouse will operate from 11 to 3 a.m. Mondays through Saturdays and 11 a.m. to midnight Sundays. With a 3 a.m. closing, Magee intends to serve food until 2 a.m.

Special events also are in the works, Brooks said.

“What a great thing if you wanted to have a faculty dinner for Chef Tim Magee says the Barrelhouse menu will include traditional sandwiches, but he also plans to present his take on gastropub fare, pictured on the two previous pages.
your department? You could have the whole place to yourself,” Brooks said. “We’ll do beer dinners where we pair a whole series of beers with things the chef will come up with. We are going to do takeout, and we are going to do delivery because the campus is right there. And we’ll be on the approved campus caterers list. The quality of the food we’re going to be doing is going to completely separate us from anybody else.”

Barrelhouse will seat 80 guests inside and 40 outside in 2,700 interior square feet and just under 1,000 on the patio.

“The real focal point of this in my perspective is the wrap-around patio,” Brooks said. “It’s going to be very visible, it’s going to be very active. That retail on Fifth Street, if you’re going down West Peachtree, you almost don’t know it’s there. I’m deliberately using this phrase: Tech wanted us to be the ‘gateway’ into the retail district. For us to create this English pub-like storefront on Fifth and punch these windows through on West Peachtree and really create this corner is going to change everything.”

Thilenius said operable windows are being installed so that patrons inside can hear what’s going on outside. “That connection with the plaza area both inside and outside — seeing and hearing things go on — is just huge for us.”

There have been big hoops for the restaurateurs to go through to bring a gastropub to the Tech campus. Brooks called Rosalind Meyers, Campus Services vice president, and Rich Steele, Auxiliary Services acting executive director, Barrelhouse’s “champions.”

Auxiliary Services administers all retail, including operations in Tech Square on Institute property. The BuzzCard is accepted throughout Tech Square for food. Alcohol may not be purchased with the card.

Steele, ChE 85, said the gastropub’s name was inspired by the Ramblin’ Wreck lyrics: “Oh, I wish I had a barrel of rum and sugar three thousands pounds, a college bell to put it in and a clapper to stir it round. I’d drink to all the good fellas who come from far and near. I’m a ramblin’, gamblin’, hell of an engineer.”

“The campus has always indicated that a pub was the kind of restaurant they like — comfort food, a friendly environment. We also understand our population is not just undergrads. We’ve got quite a number of grad students, we’ve got alumni who are interested in having events on campus. We wanted to find a gastropub that could create the right environment to meet the needs of our constituents,” Steele said.

“First and foremost, The Barrelhouse Tavern is going to be a great restaurant,” he said. “Restaurants at Tech Square have always had liquor licenses. All of our studies and everyone we’ve spoken with indicate that restaurants with full bars actually draw more of an adult audience, and there are fewer issues in those restaurants” than beer halls with cheap pitchers and boxed wine.

Steele said Tech representatives approached Brooks and his team because “Graveyard has been cited as one of the best bars in town on numerous occasions. [Brooks] has been very successful in that operation, and he liked the concept of being near a college campus. He had ideas for new concepts and changes that he would like to implement that would be very conducive to our population and would meet our needs.

“Georgia Tech has actually pushed the idea of opening the east facade of the College of Management building for many years. Barrelhouse also was very interested in doing that. We spent a fair amount of time ensuring we were going to do the appropriate thing, both aesthetically as well as beneficially,” Steele said.

More Campus Dining Scene Changes

Steele spends much of his time focusing on beneficial operations as 26 separate dining units fall under Auxiliary Services’ domain. Dining operations are expected to generate about $24 million in sales this year.

He said another major change on the eating scene is coming this summer with the opening of North Avenue Dining Hall.

“We really haven’t built a dining hall from start to finish since 1928, when we opened Brittain Dining Hall,” Steele said. “North Avenue Dining Hall is going to be a great venue, not just for people who...
on the dining plan but for people who just want to walk in and get a great lunch or great dinner.

“Like our other dining halls, it will be an all-you-care-to-eat facility, only with multiple dining concepts. We have focused a large amount of the space on the concepts themselves. There will be 300 seats. In comparison, Brittain is closer to 400 seats, but it’s probably 40 percent smaller than North Avenue,” he said.

Steele said the dining concepts will include ethnic food stations, vegetarian and vegan options, a large salad bar and traditional hot line.

“We’ll be open 24-five. We’ll open Sunday evening and stay open until Friday evening,” he said. “The visibility of North Avenue Dining Hall is crystal clear. You’re going to see right through it, and I think that dynamic is going to interest a lot of people.”

Steele said campus dining has received numerous awards for its sustainability efforts, and he expects the newest dining hall to garner Gold LEED certification.

“North Avenue Dining Hall will essentially be a zero-waste facility. We will use a pulper to greatly reduce any of our organic waste. That takes it down by a factor of 80 percent. All that’s left will go to a composting facility. We will have a little bit of trash that has to go into a Dumpster, but typically where we would put a large 20- or 40-yard compactor we’re putting in an 8-yard Dumpster. We’ll have packaging materials that can’t be recycled and a few items here and there, but for the most part, everything will be recyclable or compostable,” he said.

“We’ve been trayless for a number of years in our resident dining. The water savings are huge by going trayless. The industry has proven it also reduces food waste, that students will take what they can eat, not what they can fit on their trays,” Steele said.

As a former Tech student, Steele knows how important it is for campus diners to find food they want to eat.

“My freshman year, I think every day I had a sandwich in the Bradley dining hall, which is where Junior’s is now. It was near Skiles, where a lot of classes were held,” Steele said. “Rosa Miller, who ran that operation, still worked at Tech many years after I graduated. She was an icon on campus. She gave a lot of tough love, but she was an excellent operator.”

Thirty-six More Places to Try

Like Rosa Miller, such other dining icons as Ms. Ruthie and Miss Anne are gone from campus, and off-campus restaurants such as Wit’s End and the Yellow Jacket exist only in memory. But there still are plenty of friendly proprietors and tasty options on and within walking distance of the Tech campus. Here’s a sampling:

**Antico Pizza Napoletana**, opposite page, was trumpeted as the “restaurant phenomenon of the year” by *Atlanta* magazine, which also hailed Giovanni Di Palma’s place at 1093 Hemphill Ave. as one of the best new restaurants of 2010.

What’s the big deal, you wonder, it’s pizza, right? Well, this ain’t like nothin’ you’ve tasted in Atlanta before. Imported flour is used in the airy crust, topped with fresh mozzarella and basil, then baked in one of three ovens brought from Naples, where Di Palma perfected his craft. You can witness the art of pizza making at Antico from one of the wooden communal tables inside the cookie-cutter building that transports you far away from campus the second you open the door and inhale.

BYOB, or wine, because the only thing that would make a visit to Antico any more of a pizza heaven would be a cold Peroni — and a seat overlooking the Bay of Naples. You won’t care as the hand-crushed tomatoes and extra virgin olive oil drip off your chin, and you’ll understand what all the fuss has been about.

**Antico Pizza Napoletana** is open Monday through Saturday, from 11:30 a.m. until the dough is gone. Seriously.

Made-to-order Mediterranean dishes are worth the wait at **Basha Bistro**, open since January in a storefront at 420 14th St., next to a mosque. The kebabs, falafel, hummus, baba ghanoush and stuffed grape leaves are fresh and delectable.
Patrons order at the counter of the open kitchen from a menu on the wall. Inexpensive and beautifully presented, the food at Basha Bistro draws a steady stream of customers, including Tech students and local workers.

According to the book *Grand Hotels of the Jazz Age*, dining options in the Biltmore Hotel when it opened at 817 West Peachtree St. in Atlanta in April 1924 “included the formal main dining room, private rooms, quaint tea rooms with the ‘cheer of old colonial days’ and an ultra-modern coffee shop with counter service.”

Today’s *Biltmore Cafe and Grill*, with its own entrance on Sixth Street, must be the site of that modern coffee shop. Regulars are greeted by name at the breakfast and lunch spot, which has about 24 seats for dine-in customers. The lunch menu varies from a meat-and-three option to deli sandwiches to teriyaki dishes and fried rice. Still, the cafe retains its Southern roots — the only iced tea brewed is sweet.

*Brittain Dining Hall* has been serving Georgia Tech students since 1928, but it’s still arguably the most beautiful place to eat on campus. While students no longer dine to the music of a live orchestra, they do have the stunning Julian Harris-designed stained glass windows at which to gaze.

*Chick-fil-A* became the first branded operation on campus in 1991. And, according to Steele, Tech’s Chick-fil-A was the first to open at any university. Chick-fil-A was relocated in 2010 from the Student Center food court to the first-floor commons, where it is situated alongside *Subway* and *Taco Bell*, the most requested addition to campus, Steele said, in large part because of its student budget-friendly menu.

*Chinese Buddha*, 100 10th St., sits just across the interstate from the northeast edge of campus. Dining in is a suitable option, but most of the Tech community knows it as the go-to spot for Chinese food delivery.

The expansive menu includes an abundance of vegetarian options, and the restaurant’s tofu is good enough to be mistaken for chicken. The General Tso’s chicken is a must, whether one opts for the meat or vegetarian version.

Delivery portions are massive and of course include a fortune cookie.

“It’s good to be a snob,” says the downloadable menu for *Coffee Snobs*, also known as Le Petit Cafe, in the relaxing atrium of the Parker H. Petit Institute for Bioengineering and Bioscience. This may be true as the food and drinks indeed are quite good.

Because it specializes in “made-from-scratch gourmet food and coffee,” the cafe may not have everything on the menu available on a given day. Follow Coffee Snobs on Twitter or Facebook to find out the soups of the day. The menu boasts of “the finest coffee in the world” as well as fresh pastries, artfully arranged salads with organic ingredients, fish tacos, hummus and such Caribbean street food as stuffed Jamaican patties.

Those afraid the service at an establishment proclaiming itself as snobby may be reminiscent of the Seinfeld “Soup Nazi” are in for a pleasant surprise. The counter staff is patient in describing dishes and brewing special teas and coffees. Wait to hear your name called from one of the more than half a dozen tables or sofas and side chairs in the atrium.

*Crazy Cuban*, 290 14th St., fills the void left by the closing of Kool Korners — the replacement has the goods. *Atlanta* magazine says this little spot now serves the best pressed Cuban sandwich in the city. Unabashedly unglamorous, Crazy Cuban has a compact menu in a compact space. Pull up one of six or so stools to a narrow counter and dig in to the sandwiches wrapped in waxed paper and the black bean soup served in Styrofoam bowls. The classic Cuban consists of fresh, mustard-slawed, mojo-sauced bread pressed onto ham, pork, Swiss cheese and pickles.

*Engine 11 Firehouse Tavern*, on North Avenue between Peachtree and West Peachtree streets, really is an old fire station, and the architecture is a big attraction as signs of the building’s past are evident throughout the gorgeous two-story brick and
wood structure. The building’s bones were respected when the long bar and comfy booths were added. Look around and munch on homemade potato chips covered with blue cheese, bacon, tomatoes and scallions.

**Ferst Place**, on the third floor of the Student Center, is a good place to find Tech faculty noshing on the buffet and salad bar. “It has been operating since the building opened in 1970. It’s been called many different things. The original name was Table Service, just because that was the style of service,” said Steele, who announced that Ferst Place will be undergoing renovations this year. “We are always looking at tweaks. Our main goal is to reorient the room to add additional seating. It seats about 100 now. We’re trying to get 120, 125.”

You’ll pick up that smokehouse smell before you even open the door at **5th St. Ribs n Blues**. The name of the family-owned eatery explains top billing on the menu and the posters of B.B. King and Stevie Ray Vaughan on the walls. But there is more to the menu — chopped pork, barbecue chicken, wings and Southern sides like green beans, collard greens and Brunswick stew. And there is more to the decor as Tech athlete-autographed T-shirts, jerseys and pictures are aplenty.

Sides may be purchased by the pint and meat by the pound. Beer is served on draft and by the bottle and pitcher. And ribs come with plenty of sweet and spicy sauce.

An original Tech Square tenant, 5th St. is perfect for lunch with colleagues or a pregame barbecue fix. For a job interview or first date, not so much. This is finger-licking food requiring plenty of napkins and a willingness to get your face dirty.

**Goodfellas Pizza & Wings**, 615 Spring St., sits across the way from The Varsity. In addition to the titled foods, Goodfellas offers Italian classics like calzones and eggplant Parmesan. And Goodfellas delivers.

**H20 Cafe**, inside the Campus Recreation Center, has evolved to meet demand, Steele said. “We initially envisioned that as a food operation. Instead, we’ve transitioned that to more of a beverage operation. People, when they go to work out or they finish working out, they’re just not there to eat.”

**J-Bones Grill**, a stone’s throw from Tech Square at 714 Spring St., serves burgers, cheese fries and pizza Tuesday through Saturday nights and advertises in the *Technique* that food is half off with a Tech ID.

If you haven’t revisited **J.R. Crickets** since your Tech days, it shouldn’t be hard to find your way back. Just follow the trail of discarded chicken wings scattered along the sidewalks leading to the original 631 Spring St. location, open since 1982.

While the eatery also serves ribs, chicken tenders, seafood, sandwiches and salads, it’s the wings that get top billing. There are flavors to satisfy every palate, from the original buffalo style to lemony pepper to buffalo teriyaki. Thrill-seekers brave enough to try the explosive Three Mile Island meltdown wings may need a “monster” size helping of the house-made bleu cheese or ranch dressing. Out-of-towners can take a bit of J.R. Crickets home by purchasing a bottle of the restaurant’s original wing sauce to go.

The **Mellow Mushroom** at the corner of Spring Street and Ivan Allen Boulevard is the closest one to campus these days, and the airy two-story facility is a far cry from the hole-in-the-wall pizzeria that sprouted on Spring Street in 1974 at the hands of Rocky Reeves, IM 79, and Mike Nicholson, Cls 74.

Pizza still reigns, but over the years the menu has mushroomed to include terrific sandwiches and salads, most piled high with sprouts. Inside or outside on the patio, this Mellow Mushroom is a great spot for people watching at lunchtime.

**Quad Cafe**, according to Steele, is the most little-known eatery on Tech’s campus. “Right in the middle of the biotech campus, with a Seattle’s Best Coffee upstairs and an Einstein Brothers Bagels downstairs, the Quad Cafe is just a hidden gem people don’t realize is there, a beautiful facility with great views of that area of campus,” he said.
Ray's New York Style Pizza, 26 Fifth St., brings a lot more than just pizza to Tech Square. There are calzones, salads, soups, a variety of tasty sandwiches and Mediterranean options such as gyros, falafel wraps and hummus. Lunchtime diners can simply opt for the buffet and try a sampling of anything and everything. For starters, try the flavorful garlic knots. And you can’t go wrong with the Greenwich Village calzone or the chicken pesto sandwich.

Rocky Mountain Pizza Co., 1005 Hemphill Ave., has been serving such favorites as strizzatta, buttery pinwheels of rolled up pizza dough filled with white sauce and bacon, since May 1997 in a slice-of-pie-shaped brick building. An ad promoting its opening in the Technique promised a “cozy mountain ski chalet atmosphere.”

Spoon, located just steps from the Ivan Allen College at 768 Marietta St., is a small Thai restaurant that fills quickly at lunchtime with Tech faculty and staff as well as local leaders who come for the delicious pad Thai and curry dishes.

Starbucks keeps the caffeine crowd lined up at the tiny hot-beverages-only post in the Student Center and at the 1,800-square-foot cafe inside the Barnes & Noble at Tech Square. With the opening of the Clough Undergraduate Learning Commons this fall will come a huge 2,500-square-foot Starbucks inside the building.

Sublime Doughnuts, 535 10 St. N.W., is the sweet spot run by Kamal Grant, who rises at 2 a.m. every day to begin baking his creations with such enticing names as Reese’s cup, cookies and creme, s’mores, dulce de leche and Butterfinger. The clever A-town creme is shaped like the letter but filled like a Boston creme.

Student Center food court outlets generally operate mornings through dinner. They include Cafe Spice, Chef Sharon’s Station, Dunkin’ Donuts, Essential Eats, Far East Fusion, Rosita’s Cantina and Zaya Mediterranean.

Customers at The Varsity aren’t looking for service with a smile, Kobe beef burgers or foie gras. They’re looking for a cheap taste of nostalgia. It’s no surprise that The Varsity is said to serve 30,000 people on days the Jackets play football at Bobby Dodd Stadium. Nor is it surprising that politicians running for local, state and national offices make it a point to have their pictures taken eating at this Atlanta landmark.

The Atlanta chain Thumbs Up Diner opened a location at 826 Marietta St. in recent years, and the Tech community gradually has discovered the breakfast and lunch spot. The menu is classic diner fare, though with a good selection of healthier options. Look for the waffle with the restaurant’s logo seared onto it. The vibe is relaxing, and breakfast tends to stretch long as the waitresses frequently top off the fair-trade coffee.

The Tin Drum Asia Cafe at 88 Fifth St. was the first of a handful of the fast-and-fresh eateries that have since been launched by Steven Chan, BC 92.

“Steven created Tin Drum for Tech Square, and it has been the most successful restaurant operation for us at Tech Square,” Steele said. “Steven has developed a new concept called Wonderful World Burgers & More. He’s testing that concept at Emory University.”

The Tin Drum offers a variety of noodle, stir fry and curry dishes. The pad woon sen, with vermicelli rice noodles, is as easy on the taste buds as it is on the eyes.

Waffle House opened on Fifth Street in Technology Square in June 2010. Rows of photographs of famed Tech alumni grace the walls. Tech students appreciating smothered-and-covered cuisine may not know that Waffle House’s ties to the Institute include its management: chairman and CEO Joe Rogers Jr., IM 68; president and COO Walt Ehmer, IE 89; vice chairman emeritus Bert Thornton, IM 68; and vice president Will Mizell, Mgt 87.

WOW Cafe & Wingery locations on university campuses across the country total about 20, from Cal State San Bernardino to Marquette to Tulane. WOW stands for “world of wings,” and at Tech, that world will come to you as the Student Center site offers delivery until late at night for study groups large and small.

Tell us about your favorite dining spots on and off campus during your student days at gtalumnimag.com.
Sweet Move
NFL retiree bakes, sells cookies

Story by Van Jensen
Photos by Melissa Bugg

When Kent Hill was growing up in Americus, Ga., he developed an insatiable appetite for his grandmother’s chocolate chip cookies. “I kept asking her to bake cookies every day,” said Hill, IM ’79. “She wisely thought to start teaching me so that I could make them myself. My mom picked up where Grandma left off, and I continued to learn to make different kinds.”

Perhaps in part because of all those cookies, Hill grew into a large, skilled offensive lineman. He was a three-time letter winner for the Yellow Jackets. After being drafted into the NFL, the five-time Pro Bowler had only one complaint about his nine-season pro football career: It was impossible to find good cookies in Los Angeles, where he played for the Rams.

Hill took it upon himself to make cookies using his family recipes. After returning to Atlanta once he retired from the NFL, Hill said cookies continued to be a big part of his life.

“I like to eat, and I like baked desserts,” Hill said. “What I learned early was that no one wanted to cook or bake as much or as often as I wanted to eat.”

That casual interest in the cookie took a new turn a few years ago. Friends had long raved about his cookies, and they urged Hill to start selling them.

Caving to their requests, Hill started up Kent’s Country Cookies. He commutes from his home in Fayetteville to his commercial kitchen in College Park and starts work with a small staff as early as 4 a.m.

“Every cookie starts with me because I prepare all of the dry ingredients,” Hill said. “I am very hands on when I’m present, though I am trying to lessen my role in the bakery so that I can focus more on growing our business. However, being a young company, I feel that it is very important that I personally teach anyone that works with us about our standards and the product we want to produce for our customers.”

The Hill family cookie recipes already have gained some new fans. Whole Foods Market now sells Kent’s Country Cookies in all of its Georgia locations. He also sells cookies online at kentscountry-cookies.com and prepares them for corporate events.

The cookies, which are all natural and have no preservatives, come in five varieties: chocolate chip, chocolate chip with pecans, chocolate chip with walnuts, chocolate-chocolate chip and chocolate-chocolate chip with almonds.

Hill said he plans to expand to Whole Foods Market locations in other states and in other retail outlets. He also wants Yellow Jackets fans to be able to enjoy Kent’s Country Cookies.

“I really want to offer our products at Georgia Tech sporting events in the near term and to continue to expand our products to locations that support healthy, all-natural eating and are good stewards of the environment,” Hill said.

“I want to make sure that there are lots of people who are saying of Kent’s Country Cookies, ‘These are the best cookies I have ever had, and I’m countryfied.’”
Spice Girl

Organic seasonings help at-home cooks prepare Indian meals

By Leslie Overman
Photos by Melissa Bugg

Making a good first impression is important, especially when it comes to meeting a loved one’s parents for the first time.

So it was with some anxiety that Kristin Harsh Sharma, AMath 96, prepared to meet the mother of then-boyfriend Ravi Sharma, ME 96, when the couple were dating in the late ’90s. Kristin knew a home-cooked Indian meal would be waiting for her when she arrived at Ravi’s house. She had eaten Indian food only once before, and she hated it.

“I was so nervous because I knew how much his mom liked to cook,” Kristin said. “So I was like, ‘How am I going to tell her that I don’t like Indian food?’”

Fortunately, she didn’t have to. The authentic Indian meal Ravi’s mother prepared was nothing like the oily restaurant meal Kristin had had years before. The crisp, fresh flavors of the dishes not only turned Kristin on to Indian food, they also sparked an interest in cooking Indian food that has blossomed into a career.

Kristin now owns and operates Modern Day Masala, the only line of USDA-certified-organic, salt-free Indian spice blends available in the United States. The company advertises that by following the recipe on the back of the bag and adding just a few fresh ingredients a family can have an authentic and healthy Indian meal on the table in 30 minutes or less.

The idea for Modern Day Masala sprouted in Kristin and Ravi’s kitchen. After falling in love with Indian cuisine, Kristin learned to prepare it by shadowing her mother-in-law and husband as they cooked, studying Indian cookbooks and using some recipes handed down from Ravi’s father.

Kristin and Ravi were married in 2000, and after the birth of their first child in 2002, Kristin left a career as a software designer to be a full-time mother. At the request of friends, she began teaching Indian cooking courses at her home. She found that she could save a lot of time by mixing up batches of the countless spices used in the dishes before class. Kristin saw a potential business opportunity when students began asking if they could purchase the spice blends to make meals at home.

In early 2008, Kristin and Ravi launched Modern Day Masala’s first products at the Metropolitan Cooking & Entertaining Show in Atlanta. By that summer, they were setting up shop at area farmers’ markets to sell the spices.

Modern Day Masala’s spice blends now can be found in about 75 stores across the country, mostly Whole Foods and Earth Fare markets. The company hopes to have its line available all along the East Coast by the end of the year and on all U.S. grocery store shelves by the end of 2012. A win in the 2010 British Airways Face of Opportunity competition allowed Kristin to travel to London, where she met with Whole Foods’ U.K. team to talk about expanding the product line to Europe.

The company’s production facility is a small space in a Marietta, Ga., strip mall, where Modern Day Masala’s spices are roasted, ground and packaged by hand.

The company has one full-time employee and nine part-time employees, many of them mothers like Kristin, who come into work after dropping their children off at school.

“Typically, our production hours are 8 to 2, so we work in school hours,” Kristin said. “I feel like it’s a great opportunity for me to give back to my local community and support folks who want to go back to work part time. It’s ideal for them because it’s not
every single day, and it works around
the school schedule.”
Kristin has not had to sacrifice time
with her husband and their daughters,
Pria, 8, and Anita, 4.
“There are certainly plenty of hours
where I’m still working at midnight and
so forth, but I’m at home working,” Kris-
tin said. “And I have the opportunity to
be home in the afternoons with my kids
and then go back to work. Growing up,
I never envisioned that there would be a
way to explore my love of food and still
be able to do that.”
Her family has been very involved
in the business since the start. Pria’s
allowance gets a boost from the odd
jobs she takes around the facility on the
weekends, including labeling spice bags.
Ravi often hands out samples at Whole
Foods stores on the weekends and helps
develop many of the recipes available on
the company’s website, moderndayma-
sala.com. Kristin said it’s a nice creative
outlet for her husband, who works for
the supply chain company Manhattan
Associates.
Kristin believes she has made her
mother-in-law proud with Modern Day
Masala.
“She has been so amazingly sup-
portive. She is so appreciative that we’ve
really embraced the culture for ourselves
and for the kids,” Kristin said. “My kids
love, love, love to explore things through
food, whether it be Thai or Italian or In-
dian or Mexican, it doesn’t really matter,
they’ll try anything. And I think that’s
the way she had raised Ravi.”
Perhaps those who have had a
bad first impression of Indian cuisine
will take a cue from Kristin and give it
another shot — with a little help from
Modern Day Masala.
I have been blessed, or cursed, with a love of life and a passion of insatiable curiosity seeking insights and knowledge,” writes John Portman, Arch 50, in the preface for the 5-pound retrospective of his 50-plus-year career by The Images Publishing Group of Australia.

“This book is an attempt to understand one’s professional life exhibited through the evolution of the unique spiritual fingerprints of form expressed through architecture, painting, sculpture and design,” writes Portman of FORM, which includes the images of Atlanta’s SunTrust Plaza skybridge and his painting, Fey, at left, and the Temple of Light Lamp, above, designed as part of his Entelechy Series.

“Form, seen exposed by light, is an expression of our reality. The world, as we know it, reveals itself through form from the universe down to the smallest bit of matter. Nature is ordered form. Evolving from the shape of nothingness, form can evoke feelings both conscious and subconscious. In art, form should not be forced but should evolve naturally from the essence of its being. Form in nature is never arbitrary as it reveals itself. The result is timeless — a tree is still a tree!”
Detail of the central column in the Oyster Bar of the Atlanta Marriott Marquis in 1985. Photo by Jaime Ardiles-Arce. All photos provided by John Portman & Associates and reproduced with permission of The Images Publishing Group.


Jubilee, a 1986 painting by Portman, who writes in his book, “In the space of our being there exists the mystery that lives in form beyond intellect.”

Detail of a glass chandelier designed by Portman in 1970 and the cover image for FORM. Photo by Haigwood Studios Photography Inc., 2009.
Detail of the floor tile pattern on the retail level of the Portman-designed Four Embarcadero Center in San Francisco. “Form is a quality or experience that flows from, and responds to, the inner being. It can be a priori, with soul passing through the mind in a celebration of the marriage of vision and feeling, giving the imagination an incentive to soar,” Portman writes in the preface of FORM. Photographed by the architect’s son, Michael Portman, in 1992.
Detail of the atrium ceiling of AmericasMart 3 in Atlanta photographed by Michael Portman in 1988. “The human being is form creating form that can caress, or oppress, the soul,” according to the new book. “The spirit is the engine of creativity and all art, including music, is expressed through form. Cultures identify themselves through form. Understanding the human relationship to form is a silent language in recognition of the presence of spirit.”

Detail of the dome light in the center of the elevator lobby of the SunTrust Plaza in Atlanta photographed by Michael Portman in 1992.
One Helluva Engineer

Don Giddens bids farewell to Tech, sort of, after nearly 50 years on campus

By Leslie Overman

Following a presentation to an alumni group in Chattanooga, Tenn., in March, Georgia Tech’s dean of engineering Don Giddens was posed a question: How will a University of Georgia engineering degree compare to one from Georgia Tech?

Perhaps it was a rhetorical question, but after some of the snickers in the crowd subsided, Giddens replied, “First of all, one of the arguments that the University of Georgia used was that … they really needed to offer engineering and medicine both in order to be a first-tier university. So our kind of tongue-in-cheek comeback to that was, ‘Are you going to add a third-rate engineering program and become a first-rate university?’”

Giddens then offered a more serious reflection on the decision made last year by the University System of Georgia’s Board of Regents to allow the University of Georgia and Georgia Southern to offer engineering programs. “I think in the short-term it will have no impact of significance on Georgia Tech’s ability to recruit and get good students in,” he said. “I think in the longer term, which is really the concern, it’s bound to take up resources at some level.”

He added that even if a future need for engineering graduates makes it necessary for other public universities to offer engineering programs, he doesn’t see them becoming competitive with Georgia Tech.

“I don’t lose sleep at night worrying about the University of Georgia offering engineering degrees,” Giddens concluded. “And by the time they get to the point where we might have to worry, the needs of the state may have changed greatly.”

Giddens soon will be handing off that concern and a few others on his plate to a successor. He’s stepping down as dean of the College of Engineering, a post he has held since 2002, and retiring from the Institute at the end of June.

Giddens already has plenty of things lined up to keep him busy. In July, he assumes the presidency of the American Society for Engineering Education. He heads to Imperial College London this fall for a fellowship. And he’ll be returning to Tech part time as a researcher in the biomedical engineering department.

“I’ve got lots of love for Georgia Tech,” he said. “I’m not riding off into the sunset.”

Giddens, AE 63, MS AE 65, PhD AE 66, has spent most of his career — and most of his adult life — at the Institute. Of the nearly 53 years that have passed since he arrived at Tech as a freshman in 1958, he has spent 46 of them on campus in some capacity.

He remembers the matriculation of Tech’s first black students in 1961, a vigil on campus following the Kent State massacre in 1970 and helping Tech prepare for Atlanta’s bid to host the 1996 Summer Olympics. He has served as a faculty member in the aerospace and mechanical engineering schools and chaired the aerospace and biomedical engineering programs. And he has worked with six of the Institute’s 11 presidents.

Hundreds of Giddens’ colleagues, former students, fellow alumni, friends and family filled a ballroom at the Georgia Tech Hotel in late March to celebrate his nearly half-century career at the Institute and applaud him for the success of the engineering program during his tenure as dean.

Under Giddens’ leadership, the College of Engineering has become the largest in the nation, and its research dollars have more than doubled, growing from about $77 million in 2002 to $204 million in 2010. Faculty has increased by 20 percent. And the number of female engineering students has increased by 30 percent, making Tech No. 1 in the nation in the number of engineering degrees awarded to women.

“On Don’s watch, Georgia Tech has graduated nearly 13,000 engineers at the undergraduate level and over 7,700 master’s students and 2,500 PhDs,” Georgia Tech President G. P. “Bud” Peterson said. “Now think for a moment about those numbers … and think about the impact that those students are going to have on the technology that this country will develop over the next 40 or 50 years.”

When he stepped onto the stage, a humble Giddens said although he would love to be able to take all of the credit for the college’s accomplishments in recent years he just happened to be in the right place at the right time.

Reflecting on his Tech career, Giddens said he is most proud of his role in the establishment of the Wallace H. Coulter Department of Biomedical Engineering at Georgia Tech and Emory University, as the health care research to come out of the collaboration between Tech engineers and Emory doctors could have a lasting impact on people’s lives for years to come.

Giddens left a stint as dean of engineering at Johns Hopkins in 1997 to return to Tech and serve as founding chair of the department, helping recruit faculty, raise funds and map out its future. Last year, U.S. News & World Report ranked the department’s graduate program No. 2 among all biomedical programs in the nation and its undergraduate program No. 3.

Although he began his career as an aerospace engineer, Gid-
Three Things You Might Not Know About Don Giddens

1. Giddens hopes to spend some of his retirement writing short stories. He had an interest in writing growing up and often scored higher in the verbal sections of IQ and standardized tests than in the nonverbal. Giddens enjoys the works of Irish writers, including James Joyce, and masters of the short story, like Edgar Allan Poe. “I can’t say I’m well read,” he said. “I’m not by any means a scholar of short stories, I just like them.”

2. The engineer has a sporty side. “I played basketball until I stopped growing,” said Giddens, a big fan of Tech basketball. He later took up white-water canoeing and while a faculty member at Tech taught a canoeing program with ORGT director Miller Templeton. Giddens passed on his athleticism to his son Eric Giddens, Biol 98, a kayaker who competed in the 1996 Summer Olympics in Atlanta.

3. Eric now owns a brewpub in California’s Sierra mountains, and when Giddens visits, he often steps behind the bar to serve customers and helps bus tables.

dens always had a latent interest in medicine. He grew up in Augusta, Ga., where his mother worked as a cashier in a cotton mill. An only child, he wanted to become a doctor but dismissed the idea in high school, knowing there was no way he could afford to attend medical school.

“None of my guidance counselors told me, ‘Don’t worry about that. You can always borrow money and pay it back later,’” Giddens said.

He admired engineering and by his junior year of high school had decided to pursue it as a career. And Georgia Tech “was the place to do engineering,” said Giddens, who cannot recall if he even applied to any other schools.

He arrived on campus just a year after the launch of Sputnik. “Space was the buzz,” Giddens said. “Aerospace was a new and exciting field then, and it was really attractive to me, so I decided on aerospace engineering.”

A glance at the seniors section of the 1963 Blueprint shows Giddens was not yet sporting his signature beard. And his studies and co-op assignment at Lockheed seem to have kept him busy. He did not participate in many clubs at Tech but was a member of Phi Kappa Phi and Tau Beta Pi and made the dean’s list all four years.

By the time he finished graduate school, he had traded his buttoned-down look for one more keeping with the ’60s. As Giddens’ youngest son, Eric, Biol 98, said at his retirement party, “he became a hippie. Not a Grateful Dead, pot-smoking hippie, more of a Harry Chapin, corduroy jacket-wearing hippie.”

At the time, many of his generation were serving in the Vietnam War. “I was always a bit just too old to get drafted into Vietnam,” Giddens said, “and I never got a deferment.”

Giddens spent two years in California working in the defense industry on systems and re-entry weapons, research he found to be “important to the country but very impersonal.”

“Some of the things we were doing were just not very satisfying. You were working on stuff that you hope never is used. You kind of like to work on things that somebody’s going to use,” he said.

He wanted to have more of an impact on people, so a few years after joining the Tech faculty as an assistant professor in aerospace engineering in 1968 his curiosity led him to look into medical-related research. He found that his research in fluid mechanics in the aerospace field could be translated to the study of blood flow. Giddens began conducting research with a neurosurgeon and began doing more and more biomedical work and less and less aerospace studies. He eventually transferred to the mechanical engineering faculty to have more research opportunities.

Despite a return to the aerospace engineering faculty in 1988 to serve as school chair, Giddens continued his biomedical research at the Institute. He helped establish and served as co-director of the Georgia Tech Bioengineering Center, which in 1987 became the Emory-Georgia Tech Research Center, a predecessor to today’s biomedical engineering department.

Giddens has remained heavily involved with the biomedical engineering program despite the demands of his job as dean. In March, he could be seen traveling atop a camel through Abu Dhabi, where he helped a team from Emory’s School of Medicine present a proposal to establish a U.S.-style medical school there.

Stepping down from his post as dean means Giddens will have more time to devote to his cardiovascular research. He is working with members of Emory’s cardiology and radiology departments in the early detection of disease. And he is teaming up with Tech researchers to develop different kinds of treatments, such
as stents, and to determine better and earlier diagnoses and treatments through image processing.

Giddens practices what he preaches. Part of the College of Engineering’s mission as stated on its website is to “strive to identify research that matters — research that addresses the big challenges in the world,” including health care, security, economic well-being and sustainability.

In his frequent trips to talk to Tech alumni clubs across the country, Giddens stresses how important it is for engineers to communicate how their profession can impact lives and help solve the world’s problems.

“How much do people in sort of the John Q public really understand about what engineering is, what its role is in society and what it can contribute?” Giddens asked on his visit to the Chattanooga Georgia Tech Club. “If we don’t attract more young people into engineering, where are the future engineers coming from?”

In 2008, Giddens chaired a National Academy of Engineering committee that developed taglines to attract more young people to the engineering field, including “Turning ideas into reality” and “Because dreams need doing.”

His commitment to engineering education will continue in his work as president of the American Society for Engineering Education, an unpaid position that will require Giddens to travel across the country to build on the organization’s relationships with other engineering societies and universities. While it is not a full-time job, he said recently that he cannot imagine taking on the role while serving as Tech’s dean of engineering.

At his retirement reception, Giddens said he’ll miss most the people he works with, though he still plans to see many of them. But he won’t miss the roughly 200 emails his office receives daily and what seems like a thousand reappointment, promotion and tenure cases he has evaluated.

“I’d be happy to let the next dean read those,” Giddens said.

He and wife Nancy already have planned a lot of travel for the coming year in between Giddens’ professional assignments. The couple have a second home in California and hope to explore the West and do some camping and hiking, though Atlanta will remain their base.

Giddens said he’s especially looking forward to spending more time with his and Nancy’s families, which include a healthy mix of both Georgia Tech and Georgia alumni. Of Giddens’ four children, two are Tech graduates, Eric and Karen Haynie, IM 81. Combined, he and Nancy have 12 grandchildren.

Asked if he has any regrets about spending so much of his career in one place, Giddens said no. “Georgia Tech has been good for me,” he said. “It gave me a lot of opportunity and a lot of training to do what I wanted to do. I could charge off into bioengineering, and everybody said, ‘Sure, OK.’”

He said Tech always has been a place that’s collegial, supportive, innovative and interdisciplinary.

“I’ve always felt at home here,” Giddens said. “Had I gone somewhere else, I guess I would have done very different things, but I never regretted in any way staying. Things always worked out very well. There were no second thoughts.”
By Kimberly Link-Wills

It has been said that life is too short to drink bad beer. Smith Mathews is dedicating his life to sharing his good beer with the world, beginning in South Carolina.

Mathews, Mgt 09, is the head brewer for the fledgling Westbrook Brewing Co. in Mount Pleasant, S.C., where he has been producing Belgian- and American-inspired ales since December.

When the brewery opened its doors for tastings — poured from 4 to 7 p.m. Thursdays and Fridays and noon to 4 p.m. Saturdays — in early February, Mathews still was founder Edward Westbrook’s sole employee. Westbrook’s sister was behind the bar serving 4-ounce samples. Three hundred people turned out the first week, and the only advertising had been done on Facebook and Twitter.

The company since has hired Mathews’ lifelong friend, Carly Wiggins, ID 10, Mgt 10, as the marketing and events coordinator.

Mathews got his start as a home brewer after moving out of the Sigma Chi house and into his own place in the Home Park neighborhood in his second year at Tech. He was hooked from the beginning, despite the fact that his first batch of beer “wasn’t the greatest,” he said. “I had a bad boil-over in the kitchen that just made a huge mess.”

But he didn’t give up. “I started out with extract kits and did about five batches. Then I switched to all grain. They would volunteer for that,” he said of the friends and acquaintances who would turn up at his door to help sample the brews.

Mathews and his friends were not the stereotypical frat boys downing beers from the cheapest kegs. “I definitely drank my share of cheap beer,” he said, laughing. “I don’t know, I just started buying random beers one day. I had a lot of friends who worked at Mac’s. They helped me out with that. They’d say, ‘We have something new in to try.’”

In true Tech fashion, it wasn’t long before Mathews wanted to be the best he could be.

“I saw a Sam Adams advertisement online. They do a Long Shot Competition every year. Home brewers submit their beers for this competition. The winner gets a VIP thing to a big beer festival, and they will brew their batch on a large scale,” said Mathews, who missed the entry deadline but scored a discount on home brewing equipment.

“I really got into home brewing. I could not figure out what I wanted to do, but I just knew that I really loved making beer. I figured if there’s a job out there to do this, that’s what I’d really like to do the rest of my life,” said Mathews, who started working part time at SweetWater Brewing in Atlanta during his third year at Tech. “I did everything from stacking cases of beer on the packaging line to marketing events staff to tasting staff.

“When I graduated from Georgia Tech, I went to the Siebel Institute of Technology in Chicago. Siebel actually is the oldest brewing school in the nation. I studied beer — half my time there, half in Munich, Germany,” Mathews said.

At the conclusion of the 16-week program, which included drinking beer at breweries throughout Europe, Mathews had an international diploma in brewing science and technology in hand. Mathews, who hails from Statesboro, Ga., said his career choice for Smith Mathews, beer — and life — are good

Brewmaster

For Smith Mathews, beer — and life — are good
left his parents “kinda shocked initially. Then I started telling them more about the industry and how lucrative it can be. They started warming up to it. Now it’s great. The biggest conversation was with Grandma.”

He laughed as he related that his grandmother was dismayed at the news but since has become a Westbrook fan. “Now she loves it. It’s all she talks to me about. She’s always trying to get me to get samples and take them back to her.”

After earning his beer degree, Mathews worked as a full-time brewer at SweetWater for about a year.

“Then I decided to go part time to focus on the MBA that I’m getting right now through Georgia Southern. I wanted to be mobile so I had to find a good online program. I want to open my own brewery one day — one day soon, hopefully,” he said.

Mathews said Westbrook is aware of his brewing career aspirations.

“That’s actually how I contacted him. My mom printed out an article and sent it to me, so I emailed him and said, ‘Hey, I want to come check out your place. I’m interested in doing the same thing,’” Mathews said. “I was in town for a concert. The building and equipment were here, but they were still finishing stuff up. He hadn’t started brewing or anything. I was under the assumption that he already had a head brewer and they were already producing beer. I said, ‘Heck, I’ll send you my resume.’”

Mathews said he and Westbrook, also in his 20s, had nearly identical “beer interests.” Westbrook built the brewery from the ground up beginning in April of last year at an estimated cost of $2.25 million. He tapped Mathews as head brewer over nearly 60 other applicants from around the world.

Pouring a glass of White Thai, a citrusy beer brewed with lemongrass and candied ginger, Westbrook said Mathews’ visit was “good timing, and he turned out to be exactly what I was looking for, somebody with the right amount of experience and the right kind of experience.”

Mathews chalked up the job offer to luck and the from-the-bottom-up education he acquired at SweetWater, the largest craft brewery in the Southeast.

Westbrook beer currently is available in kegs distributed to about three dozen restaurants and bars in South Carolina, but the brewers plan to expand, probably one state at a time. Drinking Westbrook beer at home for now requires the purchase of half-gallon growlers, available at the brewery during tastings and at select stores, but there is space dedicated to a future canning line.

Mathews and Westbrook both brought their own recipes to the table.

“I had made a Belgian triple that came out fantastic. We actually recreated it. It’s in tank number four,” Mathews said during a tour of the vast brew room.

“Edward had three recipes that he had done on a pilot batch system, which is like a glorified home brew system. He was making about 15 gallons at a time. He had these recipes dialed in. He gave me the beer and said, ‘I want you to recreate that. Do it on a big scale.’ The first time we nailed everything pretty good. After one or two more rounds, we really dialed it in. We think the beer has actually turned out better on this big scale,” Mathews said.

“I like great aroma in a beer. Before you even taste it, you should smell it,” said Mathews, who believes a good beer also should have a “nice hop profile and some good yeast characteristics. That’s why we use this Belgian yeast. It gives off a great yeast characteristic.”

Mathews said all five beers on tap in the Westbrook tasting room “smell great — and they all taste great.”
Ramblin’ Roll

1940s
Stephen Johnston, EE 48, MS EE 49, of Huntsville, Ala., has been sifting through radar systems, equipment and resource materials he accumulated during his tenure at the Army Aviation and Missile Life Cycle Management Command at Redstone Arsenal and donating it to the Georgia Tech Research Institute. Johnston is retired from the Army.

1950s
Darryl C. Aubrey, ChE 55, was elected mayor of North Palm Beach, Fla., in March. He served on the village council for five years as president pro tem and vice mayor prior to his election. After retiring from Exxon Chemical Co. after 31 years of service in technical and management roles, he was a tenured faculty member and department chair at Sacred Heart University for 11 years.

1960s
Donald Bivens, MS ChE 63, PhD ChE 66, was a recipient of a Distinguished Service Award from the American Society of Heating, Refrigerating and Air-Conditioning Engineers at the society’s annual conference in June 2010. Bivens retired from DuPont Fluoroproducts in Wilmington, Del., as senior technology fellow and now works as an independent refrigerant applications consultant. He lives in Kennett Square, Pa.

Donald Bozeman, EE 61, has published two novels. The Spelling Bee was published in March. His earlier book, Cassiopeia: Flight from Savannah, was published in 2009. He lives in Aiken, S.C.

Thomas F. Christian Jr., AE 68, MS AE 70, PhD AE 74, was appointed director of the Air Force Center for Systems Engineering at the Air Force Institute of Technology at Wright-Patterson Air Force Base in Ohio.

Bruce Cook, IE 67, is leading The One-Cent Solution campaign as chairman and CEO of Citizens for Restoring America’s Financial Future Inc., a nonpartisan effort to balance the federal budget and reduce the nation’s debt. The campaign proposes to reduce total government spending by 1 percent each year for five years in the hopes of reducing the national debt by $2.6 trillion. Cook, founder and CEO of Atlanta-based Choosing the Best Publishing LLC, has served as chairman of the board of the Georgia Department of Human Resources as well as chairman of the Commission for a New Georgia Taskforce on Community Care for Behavioral Health and Developmental Disabilities. He has an MBA from Harvard Business School.


George Scott McCoy Jr., IM 66, of Sandersville, Ga., was appointed to the Herty Foundation board of trustees by Gov. Nathan Deal. McCoy is a retired grain merchandising specialist for the White Commercial Corp.

Martin P. Teem, IM 69, received the Individual Award for Excellence in Human Resources for the state of Georgia at the 2010 meeting of the Council for State Personnel Administration. Teem, a senior human resources professional, has worked for the state since 2002. As the employee relations coordinator for the Georgia Department of Public Safety, he led a peer support program for 1,500 officers and employees to minimize the likelihood of psychological or stress disorders developing after traumatic or stressful incidents. Teem and his wife, Faith Farris Teem, live in Marietta, and they have three sons.

Stephen P. Zelnak Jr., IM 69, received the 2011 Corning Award for Distinguished Citizenship at the North Carolina Chamber’s annual meeting in March in Durham, N.C. Zelnak is the chairman and former CEO of Martin Marietta Materials.

1970s
Louis Alderman, EE 77, has co-authored a five-CD audio book, Conversations on the PMP Exam, which was published by Velociteach Press. Alderman, a project management instructional designer, works for Velociteach in Kennesaw, Ga. He develops curriculum, e-learning and class presentation methods to better facilitate clear delivery of project management concepts and best practices.

Steven R. Baldwin, IM 71, has joined the Atlanta-based law firm Elarbee, Thompson, Sapp & Wilson LLP as chief operating officer. Baldwin, who earned an MBA from Georgia State University, previously was the CEO at Gifford, Hillegass & Ingwersen LLP, an accounting and advisory firm.

Monte Bruner, Cls 78, of Smyrna, Ga., is the owner of The Dentist’s Choice, a dental tool repair company that is serving dentists throughout the metropolitan Atlanta area.

William S. Bulpitt, ME 70, MS ME 72, is principal mechanical engineer at URS Corp. in Sandy Springs, Ga.

Janet Campbell, Arch 75, M Arch 77, has been spearheading efforts over the past 14 years in California to eliminate restrictive proprietary specifications in construction bidding documents. On June 30, 2010, the California legislature’s committee on accountability and administrative review held the first hearing in the United States regarding the use of sole-sourced product specifications, specifically addressing their cost to state taxpayers in school projects. An emergency bill, AB 635, passed in August. Campbell later assisted the Georgia Department of Education in its efforts to eliminate the problem in the state.

Dennis C. Corn, IM 79, a resident of Kingsport, Tenn., was promoted to vice president of business development for the USA region of Rentech Inc., a provider of clean energy solutions based on their proprietary Fischer-Tropsch and SilvaGas biomass gasification technologies.

James Hamilton, CE 77, was named the Georgia Engineer of the Year by the Georgia Engineering Alliance at a February gala. Hamilton is president and CEO of Southern Civil Engineers, which he founded in 1983.

Scott Whitmer, IM 77, was the 2010 inductee of the International Reciprocal Trade Association Barter Hall of Fame. The president of Florida Barter, he has been a member of IRITA since 1982. He served on the association’s global board of directors for more than 20 years and was president for two terms. He currently serves as chairman of the universal currency committee. Whitmer is a three-time recipient of the association’s Paul
St. Martin Distinguished Service Award, its highest honor.

**1980s**

**Sam Bracken,** IM 86, won an American Society of Journalists and Authors 2011 Outstanding Book Award in the children’s and young adult category for a book he co-wrote about his life, *My Orange Duffel Bag: A Journey to Radical Change.* The book also was featured in the March issue of HOW as a merit award winner in the editorial category of the magazine’s 2011 international design competition. *My Orange Duffel Bag* is available for download on the iPad. Bracken is the co-founder of the nonprofit Orange Duffel Bag Foundation, which offers coaching, training and mentoring to at-risk youth and support to their guardians.

**Herbert V. Congdon II,** EE 86, was honored as a 2010 recipient of the Harry J. Pfister Award for Excellence in the Telecommunications Industry by the University of South Florida College of Engineering. Congdon has worked in the optical fiber cable and components industry since 1992. He is president of Professional Engineers of North Carolina.

**Chris Curtin,** IM 80, has been appointed to the board of directors of Child and Family

**Valerie Montgomery Rice,** Chem 83, has been named dean and executive vice president of Morehouse School of Medicine, effective June 1. A reproductive endocrinologist and infertility specialist, Rice is a professor in the department of obstetrics and gynecology at Meharry Medical College in Nashville, Tenn. She also is the founder and director of the college’s Center for Women’s Health Research, one of the nation’s first research centers devoted to studying diseases that disproportionately affect women of color. A native of Georgia, Rice received her medical degree from Harvard University Medical School. She is the 2011 recipient of the American Medical Women’s Association Elizabeth Blackwell Award.
to the board of directors of Child and Family Connections Inc., the lead agency for child welfare in Palm Beach County, Fla. Curtin is the founder of Bankers Advocate, a sales, mergers and acquisitions firm, which designs successful exit strategies for entrepreneurs. Curtin also mentors a teenage boy living at Place of Hope, a CFC provider agency.

Michael R. Dill, Mgt 88, has been named the vice president of business development and strategy for CIRCOR Aerospace, a global engineering and manufacturing company. He is based in Naples, Fla., and has offices in southern California and New York.

John Duddy, IE 80, is the vice president and the managing director of Boeing Defence Australia, a subsidiary of The Boeing Company that has about 1,500 employees. The organization has designed and implemented backup communications systems for the Australian Defence Force as well the Royal Australian Air Force and has support contracts for the maintenance and repair of various aircraft. Duddy has lived in Brisbane, Australia, since November 2008. Before that, he was Boeing program director for the global positioning satellites business.

Benjamin W. Elliott, Arch 88, M Arch 91, has been promoted to principal in the science studio of the architecture firm Lord, Aeck & Sargent. Elliott is a specialist in the planning, programming and design of science facilities, including academic, government and corporate research laboratories.

Amir Ghannad, ME 82, MS ME 85, of College Park, Ga., was promoted to director of North America lean and workplace excellence and Atlanta plant operations at Sunny Delight Beverages Co.

Mike McCarthy, IE 83, has been designated a certified systems engineering professional by the International Council on Systems Engineering. He is in his fifth year as an associate with Booz Allen Hamilton after 23 years in the Air Force. He lives in O’Fallon, Ill., with his wife and two children.

Lesley McClure, IM 81, has been named the vice president and regional executive for the Federal Reserve Bank of Atlanta’s branch located in Birmingham, Ala. McClure oversees the branch’s board of directors and Birmingham’s economic and financial education programs. She joined the bank in 1989 in human resources.

Kamy Molavi, CE 80, MS CE 81, is included in the 2011 edition of The Best Lawyers in America. Molavi, who is an attorney with Freeman Mathis & Gary LLP, was recognized for construction law. He also was included in Georgia Super Lawyers.

Stephen V. Musolino, PhD HPhys 89, is a member of the scientific staff at the Brookhaven National Laboratory in Upton, N.Y. He earned a master’s degree in nuclear engineering in 1981 from the Polytechnic Institute of New York University. Certified by the American Board of Health Physics, he is a fellow of the Health Physics Society and a member of the editorial board of the journal Health Physics. He was elected to the National Council on Radiation Protection and Measurements in 2008. His current research interests are in the area of nonproliferation and radiological emergency response.

R. Cooper Shattuck, Econ 87, has been named Alabama Gov. Robert Bentley’s senior legal adviser. Shattuck takes the position after 20 years in private practice, most recently with the Tuscaloosa law firm of Rosen Harwood PA.

Brian T. Singleton, EE 88, was promoted to deputy director of the Public Buildings Service, Design & Construction Division at the U.S. General Services Administration. He oversees the planning and execution of nearly $2 billion of projects for eight states in the Southeast, providing new buildings and renovated space for federal agencies. Brian, his wife, Crissie, and sons Mark and Matthew reside in Newnan, Ga.

Jim Winer, Arch 82, M Arch 86, principal of Menefee+Winer in Atlanta, has been assisting Tennessee Wesleyan College in its campus improvement and beautification projects over the past few years. As the campus architect, he has created a campus master plan and managed the design and development of various facilities. He was named chairman of the college’s board of trustees in 2010.

1990s

Todd Butler, ME 91, is receiving an executive MBA from the University of Central Florida in May. Butler is program manager and office lead for Jacobs ASG in Orlando.

Matthew Cohen, Psy 99, graduated magna cum laude from Southwestern Law School in Los Angeles in May 2010. After passing the California bar exam and traveling throughout Scotland with his wife of 10 years, he now is an associate in the corporate transactions department at the Los Angeles office of O’Melveny & Myers LLP. Cohen also is the author of “If ‘I Do,’ Then So Should You: An Analysis of State Constitutional Bans on Same-Sex Marriage,” Southwestern
Bill Murdock, PhD CS 01, is part of the algorithms team that helped develop Watson, the IBM machine that in February defeated two of the most successful contestants to ever compete on the TV game show Jeopardy! Murdock, whose research interests include natural-language semantics and analogical reasoning, began working on the IBM Jeopardy! Challenge in 2006, and he built many of the components that Watson utilizes to discern right answers from wrong answers. Murdock was on the Georgia Tech campus just a day after Watson’s victory to discuss how the computer works — and to try to explain why it responded to a Final Jeopardy clue in a category about U.S. cities with “What is Toronto?” Murdock told the crowd of students and professors gathered in a Klaus Building classroom that IBM already was looking at ways to use the technology powering Watson to solve some of the world’s problems.

Craig Mueller, MS AE 94, has been elected a shareholder of Sheridan Ross, the largest Denver-based intellectual property law firm. A patent attorney, Mueller specializes in preparation and prosecution of patent applications based on mechanical devices and related processes. He also practices in aerospace, electro-mechanical and civil areas of technology.

Simit Shah, CmpE 99, has been named the vice president of web content for Atlanta-based eRollover. Shah is the former head of web operations and development at CNN. He serves as board chair for Vox Teen Communication, a nonprofit organization serving youth in Atlanta.

Ernest G. Strauss IV, Mgt 99, has been promoted to senior vice president and chief compliance officer of Triad Advisors Inc. His responsibilities include oversight of daily compliance functions and ensuring compliance with state, federal and self-regulatory agency regulations. He previously served as vice president and deputy chief compliance officer.

Hunter Yancey, EE 99, and his wife, Martha, celebrated their son Jackson Wyatt Yancey’s first birthday on April 8. The family recently moved to San Diego, where Yancey continues his intellectual property law practice as patent counsel for Qualcomm.

Law Review, 2009. Cohen is a member of the Georgia Tech Bar Association as well as the executive board of JNFuture, the young leadership organization within the Jewish National Fund.

Joe DeLisle, CE 93, was named to Georgia Trend magazine’s 2010 Legal Elite list. He is an attorney with Miller & Martin PLLC.

Watson Lee Dorn III, Arch 92, and his wife, Alice, announce the birth of a daughter, Margaret Calhoun, on July 2. Margaret joins Caroline, Robert and Ruthanna at the family’s home in Greenwood, S.C. Dorn is a partner with Furman Architects, at which he practices health care, industrial, religious and educational architecture.

Tamara Lindell Garbett, ME 99, and Neal Garbett, CS 98, announce the birth of son Ethan Thomas Garbett on July 29. Ethan joins his sister, Allison, at the family’s home in suburban Detroit.

Edward L. Lowe, M CP 94, and his wife, Tammie, announce the birth of son Coy Gregory on Feb. 28. Coy joins brother Edward Reece, 3, at the family’s home in suburban Greenwood, S.C. Dorn is a partner with Furman Architects, at which he practices health care, industrial, religious and educational architecture.

Anne Bracken McGraw, Mgt 99, and her sister, Ali, have created the website savingsmultiplied.com, which helps parents of multiples, including twins, triplets and quadruplets, buy and sell sets of children’s gently used clothing. McGraw, who has two young daughters, serves as president of the Nashville, Tenn., Georgia Tech Club.

Myra Monreal, CE 96, MS CE 05, has been appointed planning commissioner of the city of Orlando, Fla.

May/June 2011 Georgia Tech Alumni Magazine
**Recent Arrivals** — Tyler Law, top row, left to right, was born on Aug. 27 to Rebecca Law, CE 03, and her husband, Frank. Law is a Georgia and Alabama security and fire branch manager with Johnson Controls Inc. The family lives in the greater metro Atlanta area. Victoria Leigh Lightner was born on March 1 to Sarah Beckenhauer Lightner, IE 01, and her husband, Chris. She joined sisters Catherine, 1, and Caroline, 3, at the family’s home in Marietta, Ga. Beckenhauer Lightner is a full-time mother. Manisha Nilakantan was born on Aug. 26 to Shalini Rao Nilakantan, ChE 01, and her husband, Nikhil. The family lives in Dallas. Henry Robert Swan was born on Jan. 18 to Tricia Venema Swan, Mgt 01, and Steve Swan, ME 01, MS BC 03. Tricia is a senior financial analyst in supply chain finance at PepsiCo in Chicago. Steve is an engineering design manager at Grainger in Lake Forest, Ill. Noah Mathias Powell, second row, left to right, was born on Feb. 1 to Ashley Melvin Powell, CE 03, and her husband, Scott. He joins his brother, William, 2, at the family’s home in Fernandina Beach, Fla. Powell is a program manager/construction administrator for RS&H, an architectural and engineering firm in Jacksonville. Jack- son Hawke Egort was born on Jan. 24 to Marc Egort, Mgt 89, and his wife, Jennifer. Egort, a certified public accountant, has his own firm in Hollywood, Fla. Abigail Grace Williamson was born on March 9 to Matt Williamson, M CP 06, and his wife, Becky. Williamson works as the master planner at the Army’s Yuma Proving Ground. The family lives in southwest Arizona.

Inc. He previously worked with Troutman Sanders LLP in Atlanta.

**2000s**

**Nathalie Andrae,** PTCh 03, married Stewart Curry on May 8, 2010, in Greenville, S.C. Following the wedding, the couple lived in northern Ireland for five months for an international work assignment. Andrae is a tire designer for Michelin. The couple live in Greenville.

**Troy Baumgarten,** CmpE 00, and his wife, Amanda Levine, announce the birth of a daughter, Katie Elizabeth, on Nov. 4. Katie joins her sister, Maggie, 1, at the family’s home in Coral Springs, Fla. Baumgarten is a database administrator with RevChain Solutions.

**Meredith Bostwick-Lorenzo Eiroa,** Arch 01, has joined Skidmore, Owings & Merrill LLP’s New York office as a specialty lab planner and designer in the health and science studio. She will be involved in the design and planning of the firm’s health and science projects and assist in its business development efforts. She previously was an associate principal at RMJM.

**Kahlilah Dotson Mosley,** M Arch 04, and her husband, Keith Mosley, announce the birth of daughter Kielle Elaine Mosley on Jan. 13. She joins her brother, Khryi, 2, at the family’s home in Smyrna, Ga. Dotson Mosley blogs about her family at mosley-moments.blogspot.com.

**Denise R. Grabowski,** M CP 00, is the owner and principal of Symbioscity, an urban planning firm based in Savannah, Ga., that offers services in community planning, sustainability consulting, public involvement and consensus building. She previously was the director of community planning at Lott + Barber. Grabowski is a certified professional planner with the American Institute of Certified Planners. Grabowski chairs the board of directors of the U.S. Green Building Council’s Georgia chapter and serves as a representative for the business community on the Chatham Environmental Forum, which developed the county’s plan to become the greenest county in Georgia.

**Bronwen Halstead-Nussloch Garner,** IntA 03, will be joining the internal medicine residency program at Duke University after graduating from the Medical College of
Georgia in May. She is a member of Alpha Omega Alpha medical honor society as well as the Pathology Honor Society. She was awarded a master of public health in epidemiology degree from the University of Michigan in 2007. She will live in Durham, N.C., with her husband, David Garner, who is a PhD candidate in music composition at Duke University.

Olivia T. Luk, Chem 00, received the first Linn Inn Alliance Distinguished Service Medal in March. Luk was recognized for her “outstanding leadership in bringing the American Inns of Court experience to the IP community.” The award was presented by Federal Circuit Judge Richard Linn. Luk is a co-founder of the Linn Inn Alliance, which helps to unite the 13 intellectual property law American Inns of Court around the country. She also co-founded the Richard Linn American Inn of Court in Chicago and currently serves as president-elect. Luk is an associate at Jenner & Block in Chicago.

Liz Roellig Manning, ChE 01, and her husband, Mike, announce the birth of son Logan Andrew Manning on Jan. 28. Manning is a process engineer at LyondellBasell Houston Refining. The family lives in Friendswood, Texas.

Michael Ryan Price, CmpE 07, MS ECE 08, married Catherine Lee Edenfield on Dec. 27 in Statesboro, Ga. Price is an electronics engineer at Robins Air Force Base in Warner Robins, Ga.

Bert Reeves, Mgt 00, has joined the private sector and is practicing law as an associate attorney with the Marietta, Ga., firm Turner, Bachman & Garrett LLC following five years as an assistant district attorney in Cobb County. Reeves, who was the Buzz mascot at Georgia Tech from 1997 to 2000, is a graduate of the Stetson University College of Law. Reeves’ practice areas include probate law, criminal defense and civil litigation.

Stephen Watts, IE 01, MS IE 02, and his wife, Stephanie Hawkins Watts, announce the birth of daughter Elizabeth Margaret Watts on March 11. The family lives in Marietta, Ga.

Jean Marie Flexer, Mgt 02, and Hap Richardson, Biol 02, were married in a private ceremony at Project Canaan in Swaziland, Africa, on July 21. The two met while students at Georgia Tech but lost touch after graduation. After reconnecting eight years later at a Tech game against Florida State, they made two trips together to Africa to participate in service projects through the Heart for Africa organization, the first to Kenya and the second to Swaziland, where they helped build a children’s home, hatchery and trade school at Project Canaan. A Peace Corps veteran, Hap had served in Africa following graduation from Tech. “When we got engaged, we chose to begin our lives together on Project Canaan because Africa is a special place to us, but also because Project Canaan represents a place of hope and sustaining solutions for vulnerable children and orphans,” Jean Marie says. The Richardsons now live in the Brookhaven area of Atlanta. Jean Marie is a senior marketing manager at Movius Interactive Corp. Hap is a real estate broker with Keller Williams and a partner in Round Here Ventures.

What have you been up to?
To have your news included in the Ramblin’ Roll, send us the details at Ramblin’ Roll, 190 North Ave. N.W., Atlanta, GA 30313, or email us at ramblinroll@gtalumni.org. Photos may be submitted for inclusion in the online Ramblin’ Roll.
In Memoriam

1940s

George W. Adams, ChE 48, of Glencoe, Ala., on March 25. Mr. Adams traveled extensively in a 35-year career with Exxon. He received a master’s degree from Louisiana State University, served in the Army and was active in Civitan.

Otis Alvin Barge Jr., Arch 41, of Atlanta, on March 2. Mr. Barge was a general contractor. His construction firm built many Atlanta landmarks, including the Atlanta History Center’s McElreath Hall and the Freedom Hall complex at the Rev. Martin Luther King Jr. center, as well as buildings on the Georgia Tech campus. A member of ANAK, Sigma Alpha Epsilon fraternity, Scabbard and Blade, Skull and Key and the Navy ROTC at Tech, he was commissioned as an ensign in the Navy upon graduation and was called to active duty in August 1941. He served in the Pacific and was discharged in December 1945 with the rank of lieutenant commander. After returning to Atlanta, he began a general contracting business, Strother-Barge Co., which became Barge and Company in 1956. The company was known for high-rise residential towers, including Park Place on Peachtree. In 1950, he was named one of Atlanta’s 100 Most Influential Young Men. He received the Distinguished Alumni Achievement Award from the Georgia Tech College of Architecture’s building construction program in 1998. He was a past trustee of the Georgia Tech National Alumni Association and a past president of the Georgia branch of the Associated General Contractors. An Eagle Scout, he received the Boy Scouts’ Silver Beaver Award in 1991. Survivors include his grandson Jonathon Barge, ME 00, MS BC 02, and his wife Sarah, IE 00.

Joseph A. Basler, IE 49, of Rhode Island, on March 12. He was an executive for Barrows Industries, a jewelry manufacturer, before founding his own company, Milspec Industries. After selling the business, he worked as a consultant. He was a member of the football and wrestling teams while at Tech. He served in World War II and the Korean War and spent 20 years in the Navy Reserve, retiring as a lieutenant commander. He was a lector and eucharist minister at his church and coached football, baseball and basketball teams in his community. He played full-court basketball until he was 78.

Robert Laird Boehmig, MS CE 47, of Sandy Springs, Ga., on Feb. 22. During World War II, he served in the Army Corps of Engineers in Germany. He joined an Atlanta engineering firm in 1948 and participated in designing Alexander Memorial Coliseum. In 1959, he opened his own engineering practice, at which he designed the first wave action swimming pool in the United States, and he held several patents and wrote technical articles. He was a longtime member of the Masonic Lodge, Sigma Nu fraternity and Veterans of Foreign Wars and a former president of the Consulting Engineers Council of Georgia.

Robert W. Cannon, CE 49, of Maryville, Tenn., on Dec. 5.

William Elbert Cash, Cls 42, of Chattanooga, Tenn., on March 15. Mr. Cash worked for Otis Elevator Co. for 25 years and for Bagby Elevator Co. for 10 years. He served in the Army in Europe during World War II and was a deacon at his church.

Lewis Milner Cobb Sr., Cls 45, of Lancaster County, Va., on Feb. 21. A retired Navy commander, he enlisted as an aviation cadet following the attack on Pearl Harbor and was commissioned in June 1943. He served as a fighter pilot aboard the USS Yorktown and the USS Belleau Wood and was awarded the Distinguished Flying Cross with two stars. During his 24-year naval career, he served in the Korean War and on tours on the USS Coral Sea and USS Ranger during the Vietnam War. Following his retirement in 1966, he entered the Virginia Theological Seminary and after being ordained as an Episcopal priest served at several churches in Virginia. The Rev. Cobb was active in the Lancaster County Democratic Party.

Leonard M. Diana, Phys 48, of Arlington, Texas, on Jan. 23. He received a doctorate from the University of Pittsburgh and taught and performed research in physics at the University of Texas at Arlington from 1965 to 1995, when he retired as professor emeritus. Dr. Diana was a fellow of the American Physical Society and American Association for the Advancement of Science. During World War II, he served in the European theater as a member of the 103rd Infantry Division.


Robert Henry English Jr., ME 43, of Newark, Del., on March 13. He served in the Navy in World War II and in 1946 began a 35-year career with DuPont. He participated in church mission trips for disaster relief and was involved in his local Alzheimer’s Association. His hobbies included golf, photography and storytelling.

Pat Morris Gingles, Arch 48, of Nashville, Tenn., on March 10. He was a partner in the architectural firm Clemmons and Gingles and later Gingles and Gingles, specializing in schools, clinics, churches and courthouses in western Kentucky. Mr. Gingles, who attended Tech on the GI Bill, served as a Navy pilot in the Pacific in World War II, flying a 6f6 Hellcat on 53 combat missions over Japan as a member of Bomber-Fighter Squadron 17. He was awarded the Distinguished Flying Cross, the Air Medal and the Presidential Unit Citation.

Charles Bryant “Begie” Graves Jr., MS CE 49, of Rock Hill, S.C., on March 29. A 1947 graduate of The Citadel, he was an Army veteran and a civil engineer with Daniel International.

John C. Groce, EE 48, of Walnut Creek, Calif., on Feb. 28. He served in the Navy during World War II and later earned a master’s degree in electrical engineering from MIT. He worked as a manager with RCA Records U.S.
Frank Ziegler, Dodd’s Star Fullback, Dies

Frank Ziegler was one of eight children born to Theodore and Elizabeth Ziegler. All seven of the family’s boys would attend and graduate from Georgia Tech. In 1962, the mother of the accomplished Ziegler clan was named an honorary alumna of Georgia Tech.

Frank Richard Ziegler, IM 50, of Gainesville, Ga., died March 6. He was 87.

As a youngster in College Park, Ga., Mr. Ziegler helped his family by running an Atlanta Journal paper route. At 16, he followed in his brothers’ footsteps by enrolling at Tech.

A year later, he interrupted his studies to enlist in the Navy and served nearly four years. His family said in an Atlanta Journal-Constitution obituary that Mr. Ziegler kept himself in shape by spending hours running on the sandy beaches in California.

Upon his return to Tech in 1946, Mr. Ziegler joined the Tech football team. Coach Bobby Dodd called Ziegler “the best fullback Georgia Tech has had since Father Lumpkin.” Mr. Ziegler, an All-Southern team honoree, was nicknamed Zoomer and Ziggy the Cat by Yellow Jackets fans.

In 1948, Mr. Ziegler signed a contract with the Philadelphia Eagles. Despite facing much larger players, he enjoyed success in the NFL. He led the league in yards gained in 1950 and helped the Eagles claim a 1949 championship.

Mr. Ziegler spent the offseason during his pro football career working with his brother Bill, who started Ziegler Tools in 1948. He helped his brother open a store on Luckie Street near the Tech campus. He eventually joined his brother at the business full time and helped secure accounts with Delta, General Motors and Lockheed. Mr. Ziegler served as vice president of Ziegler Tools for 47 years. He was known to be in the office each day by 6 a.m.

Mr. Ziegler was preceded in death by his brothers Waldemar, ChE 32; Carl, ME 35; Fred, TE 39; Walter, ME 40; and John, ME 49. He is survived by his brother Bill Ziegler, IM 41.

Frank H. Gurry Sr., EE 45, Text 48, of The Woodlands, Texas, formerly of Aurora, Ill., on Feb. 6. Mr. Gurry retired as president of Aurora Bleachery Inc. after 40 years with the company. While at Tech, he was an alternate captain of the varsity track team, president of Sigma Chi fraternity and a member of ANAK and Omicron Delta Kappa. He also was a company commander in the Navy V-12 program at Tech. A retired Navy commander, he served as a gunnery officer on the USS Cogswell in World War II and on the USS Rowe during the Korean War. He also served as commander of the Aurora Naval Reserve Unit and was a charter member of Aurora Council 247 of the Navy League of the United States, serving as its president and a director. He was a choir member, deacon, Sunday school teacher and an assistant Scout leader at his church. Survivors include his son Frank Henry Gurry Jr., IE 71, and brother, Ellis T. Gurry Jr., IE 54.

Albert W. Hainlin, ME 47, of Atlanta, on Feb. 15. He served in the Army during World War II and following graduation from Tech went to the University of Miami, at which he...
taught mechanical engineering and earned a bachelor’s degree in electrical engineering. During his career, he worked for the Miami Shipyard, Martin Marietta, McBurney Corp. and Lockwood Greene. After retiring in 1985, he spent about 10 years as a consultant.

William Albert Hansell Jr., CE 41, of Stone Mountain, Ga., on Feb. 18. Mr. Hansell, who earned a master’s degree in public health from the University of North Carolina, was a dairy farmer in Monroe, Ga., before beginning a career with the Georgia Public Health Department. He helped establish the department’s environmental health division. He served in Europe in the Army during World War II and stateside during the Korean War. He had served as an elder, a Bible teacher, a supply minister and a choir member at his church. In retirement, he enjoyed painting. Survivors include his son-in-law Doug McCammish, IE 67.

William Wallace “Bill” Kary, CE 49, of Pensacola, Fla., on Feb. 16. He retired from a 40-year career as a civil engineer. A World War II veteran, he served in the Army Air Force as a navigator/bombardier second lieutenant. He was a prisoner of war in Barth, Germany, from November 1943 until May 1945. He received a Bronze Star and European theater of operations ribbon.

William R. Kennedy Jr., ME 42, of North Augusta, S.C., on March 15. Mr. Kennedy retired from E.I. du Pont following a 31-year career. He worked for the Wright Aeronautical Corp. before joining the Navy in 1944. He served in World War II and retired from the Navy Reserve in 1980.

Charles William “Bill” Kilpatrick, IM 42, of Coral Gables, Fla., on March 9. A Navy veteran of World War II, he served on the USS Alaska and USS Salt Lake City, achieving the rank of lieutenant. His interest in naval history inspired him to write a book, *Night Battles of the Solomon Islands*. He earned a master’s degree in city planning from American University and was active in the Navy League.

Alphee Francis LeBlanc, ME 42, of Oklahoma City, on Feb. 28. He served in the Air Force ROTC at Tech, became an officer upon graduation and was stationed at Wright Field in Dayton, Ohio, as a test pilot during World War II. He retired following a 37-year career as an aerospace engineer with the Civil Aeronautics Administration and Federal Aviation Administration. For 18 years, Mr. LeBlanc and his wife were regulars at a dance studio, at which they learned ballroom and country and western dancing.

George Terry Marchmont Jr., Cls 46, a resident of Dallas, on March 16. Mr. Marchmont retired from General Electric in 1989. He was a member of Alpha Tau Omega fraternity while at Tech and served in the Navy during World War II. He was past master of Hillcrest Masonic Lodge and a member of Keystone Lodge. He was a life deacon at his church and had served as chairman of the deacons’ hospital visitation committee.

Gaillard Ellison “Gill” Mende Sr., Cls 49, of Cumming, Ga., on Feb. 25. Mr. Mende spent his career as a salesman and was a co-owner of the Buckhead restaurant Saccone’s. He attended Tech on a football scholarship and completed his education at Emory University. He enlisted in the Air Force in 1948 through the Georgia Air National Guard and served as a fighter pilot. Survivors include his brother, George R. Mende, Cls 47.

William Oren “Tex” Ritter, AE 45, of Lothian, Md., on Feb. 14. A footballer for the Yellow Jackets, he was commissioned as a Navy ensign in 1946 and received the American area World War II Victory Medal. Upon graduation from Tech and discharge from the Navy, he was drafted by the Washington Redskins. He later played with the Philadelphia Eagles for one year. Mr. Ritter owned car dealerships and worked as an insurance salesman, an aircraft salesman, a car salesman, an aeronautical engineer with Lockheed and a lobbyist in the defense industry in Washington, D.C. A singer, he had performed for seven U.S. presidents.

Rial Edward Rolfe Jr., AE 47, of St. Louis, on Feb. 25. He earned a master’s degree from Southern Methodist University and was an aeronautical engineer. His lengthy career with McDonnell Douglas included work on the Apollo space program. He was an avid reader, a stained glass artist, a bowler and a jigsaw puzzle enthusiast.

Tump Stephen Youmans, ME 41, of Kansas City, Mo., on March 2. He had worked in sales with Salbritth Data Processing.

1950s

Robert Norman Bailey Sr., EE 54, MS EE 61, of Tupelo, Miss., on Feb. 16. He was the production manager for the South Mississippi Electric Power Association before organizing Trinity Materials Inc., a fly ash distributor and material research firm. He was the company’s president until it was sold in 1989. Mr. Bailey was awarded 11 patents and designed a camera tube used by Hollywood studios. He served in the Air Force and Navy, receiving the American Defense Medal and World War II Victory Medal, and retired as a captain in the Navy Reserve in 1989. A deacon at his church, he organized and escorted missions to Honduras, Jamaica, Russia and Ukraine. He was a former president of the Hattiesburg Chamber of Commerce, a Scoutmaster and member of the Boy Scouts District Council and a former chairman of MES Professional Engineers in Industry.

Joseph R. Bernardo, Arch 52, of Fort Myers, Fla., on Feb. 11. Following service in the Army during the Korean War, he joined McDonnell Douglas, designing military aircraft applications. He later worked with McLane & Ranon Architects Inc. in Tampa, Fla., before the formation of Ranon, McIntosh, Bernardo & Ramirez. He worked on large commercial projects and numerous schools in the Tampa area until his retirement in 1989. After moving to Fort Myers, he worked for Sheeley Architects and later Gersdorf & Gersdorf Inc. He was a member of the American Institute of Architects and Florida Association of Architects.

Robert Curtis Bevers, Chem 51, ChE 57, of Doraville, Ga., on March 1. During his career, he was a chemical engineer with General Electric, DuPont, Western Electric and Lucent Technology.

William J. “Bill” Conley II, ME 59, of Tucker, Ga., on Feb. 21. He joined Lockwood Greene Engineering in Atlanta in 1974 and shortly thereafter was named manager of the mechanical engineering department. He retired in 2002 after managing the organization’s Seattle office. A member of Pi Kappa Alpha fraternity and the Navy ROTC program at Tech, he served two years in the Navy as a lieutenant junior grade. Early in his career, he helped design and test nuclear-powered ships for the Navy at Newport News Shipbuilding in Virginia and earned an MBA from George Washington University. He was recognized as the Engineer of the Year by the Atlanta section of the American Society of Mechanical Engineers. He was an Eagle Scout and a longtime Scoutmaster in Hampton, Va.

Charles L. Cook, IM 58, of Atlanta, on Feb. 12. He served two years in the Army before joining Atlantic Steel Co. He retired from the company in 1985 after serving as national sales manager. He enjoyed golf and dancing to the big band music of the 1940s and ’50s.

Richard H. “Dick” Crowe, EE 50, of Cropwell, Ala., on Jan. 26. Mr. Crowe retired in 1982 following a career in sales and management positions with Joslyn Manufacturing Co. He served two years in the Marines before attending Georgia Tech, at which he played football and was a member of Chi Phi fraternity. He became a Mason in 1952 and spent his retirement boating and fishing.

Richard Estes, Chem 58, of Marietta, Ga., on Feb. 12. Also a graduate of Georgia State, he served on the board of directors of the Ducktown Basin Museum and was a member of the Bird Dog Association and American Chemical Society. He was an Eagle Scout and a longtime Scoutmaster. Survivors include son Michael Estes, Arch 88, M Arch 97.

Raymond Cay “Ray” Fleming Jr., CerE 51, of Plant City, Fla., on Jan. 30. Mr. Fleming was a Longtime Georgia Tech researcher Jesse D. “J.D.” Walton Jr., of Atlanta, died Feb. 11 at the age of 85.

Alumnus, Researcher J.D. Walton

Longtime Georgia Tech researcher Jesse D. “J.D.” Walton Jr., of Atlanta, died Feb. 11 at the age of 85.

After graduating from Tech with a bachelor’s degree in ceramic engineering in 1950, Mr. Walton worked for two years at Ferro Corp. in Cleveland before returning to Atlanta in 1952 and beginning a more than 30-year career with the Engineering Experiment Station, which later would become the Georgia Tech Research Institute. During his career at Tech, he received many awards for his research in the field of high-temperature materials and was instrumental in establishing solar energy research.

Mr. Walton continued to receive accolades following his retirement from his alma mater in 1983. He was the recipient of the Prometheus Award at the first U.S.-Japanese workshop on Combustion Synthesis in 1990 and was honored with the Toledo Glass & Ceramic Award in 2008.

Born in Asheville, N.C., Mr. Walton moved to Atlanta at the age of 3. He enlisted in the Navy after graduating from high school and served as a radio operator during World War II. As a student at Tech, he was a member of Beta Theta Pi, Tau Beta Pi and Alpha Chi Sigma.

His career at Tech sent him to Europe, the Middle East, Africa and Asia. He developed a love for travel and took his entire family on a monthlong trip to Europe in 2000 and through the American Southwest in 2003.

Survivors include his sons Jesse “Jay” Walton III, CE 79, and Bruce H. Walton, CerE 87. Memorials in Mr. Walton’s name may be made to the Georgia Tech Foundation.
served in the Navy and was a member of Phi Gamma Delta fraternity, the American Institute of Chemical Engineers and the American Institute of Mining, Metallurgical and Petroleum Engineers.

Richard Speight Fountain, CE 50, of Thomasville, N.C., on March 14. In his nearly 50-year career as a civil engineer, Mr. Fountain, a noted bridge designer, worked with the Georgia Department of Transportation, Portland Cement Association in Chicago, U.S. Steel in Pittsburgh and Parsons Brinkerhoff Quade & Douglas in Raleigh, N.C. He co-authored the book *Composite Construction in Steel and Concrete for Bridges and Buildings* and was the founder of the American Iron and Steel Institute’s steel bridge task force. Mr. Fountain, who also had a degree in naval science from the University of South Carolina, served in the Marines as a second lieutenant during the final days of World War II. In retirement, he worked as a consultant and refurbished American Flyer model trains.

Clifford B. Grimes, IE 58, of Perry, Ga., on March 8. Mr. Grimes retired after 35 years as a civil engineer in civil service at Robins Air Force Base. He also spent 12 years working as an engineering consultant with Madison Research Corp.

John William “Bill” Guthrie, ME 56, of Metairie, La., on Feb. 8. Mr. Guthrie retired from Square D Co. He volunteered at the Ochsner Hospital information desk for 13 years and served on the board of his church, at which he was an usher for many years. Survivors include his brother, George Thomas Guthrie, ME 58.

James O. Hammond, Text 50, of Atlanta, on Feb. 4. A Navy veteran of World War II, Mr. Hammond worked in the textile industry for more than 35 years before entering the insurance business. He was a deacon at his church.

R. Donald Harvey Jr., Text 55, of Rome, Ga., on March 23. Following service in the Army in the Korean War, he worked in the textile industry and ultimately retired from Burlington Industries. A member of Chi Phi fraternity while at Georgia Tech, Mr. Harvey enjoyed sailing and built his own sailboat.

Emory Jenks Jr., IM 56, of Woodstock, Ga., on March 24. He retired from Pacific Mutual Life Insurance Co., at which he was a top producer. He was a member of the basketball team while at Georgia Tech and served in the Army during the Korean War.

Robert C. “Bob” Kirk, CE 56, MS CE 63, of Avondale Estates, Ga., on March 19. In a 33-year career with the Georgia Department of Transportation, Mr. Kirk was a lead planner in the construction of the section of I-75 extending from the Tennessee border to Atlanta and helped lay the groundwork for I-285 and Spaghetti Junction. He spent his last 15 years with the department as its senior highway planner. As an officer in the Army Corps of Engineers, he helped build roads serving American military bases in postwar Germany. He was a Scoutmaster, a ham radio operator and a woodworker.

Walter L. Lamb Jr., EE 52, a resident of Miramar Beach, Fla., on March 31. Following graduation from Georgia Tech, Mr. Lamb served in the Army in the Korean War. He later spent 30 years working for the Bell Telephone Company, retiring as a senior executive. His achievements include the implementation of the 911 system.

John Barnard Law Jr., ME 56, of Gainesville, Ga., on Feb. 8. After graduating from Tech, he joined the Navy and earned his wings. He began a career with Delta Air Lines as an engineer and retired as an international captain in 1995. In retirement, he flew his personal fleet of small airplanes to New Smyrna Beach, Fla. He served as a deacon at his church.

Darryl Jay Leiter, Phys 58, MS NS 59, a resident of Palmyra, Va., on March 4. Dr. Leiter, who earned a PhD in theoretical physics from Brandeis University, taught at Boston College, the University of Windsor, Central Michigan University, George Mason University and the University of Virginia during his career. Dr. Leiter and some colleagues developed the theory of magnetospheric eternally collapsing objects, or MECOs, as an alternative explanation of black holes. Dr. Leiter received numerous research grants, including two senior fellowships at NASA; published more than 100 papers; and, with his wife, authored *A Biographical Encyclopedia of Physicists*.

Daniel Eugene Mahaffey Sr., IE 51, of Midvale, Utah, on Feb. 17. Mr. Mahaffey retired from Eastman Kodak Co. as training director after 33 years with the company. During World War II, he joined the Marine Corps and served nearly two years in the Pacific as an aerial navigator. While at Tech, he inducted into Alpha Pi Mu and Tau Beta Pi engineering honor societies.

William Penland “Pen” Mayson Jr., ChE 51, of Augusta, Ga., on March 12. He worked for DuPont at the Savannah River Plant for 39 years. A member of the student council and Sigma Nu fraternity at Tech, he served two years in the Army Chemical Corps following graduation. Mr. Mayson was a senior warden, treasurer, finance chairman and vestryman at his church. He served on the Augusta City Council for 17 years and was the president of Historic Augusta, Main Street Augusta and the Augusta Symphony League. He also served on the boards of the Augusta Chamber of Commerce, Augusta United Way, Augusta Red Cross, the Salvation Army and the Episcopal Day School. Survivors include his son William Penland Mayson III, ME 83.

Dessie Ford Miller III, Cls 58, of Newnan, Ga., on Feb. 5. Mr. Miller, who received a bachelor’s degree in business from the University of Georgia and later graduated from the John Marshall School of Law in Atlanta, was a claims adjuster for Crawford and Company before becoming a real estate partner at Howerton Properties Inc. He became a contractor and builder of AAA Log Homes upon moving to Newnan in 1975.

Donald Miller, IE 57, of Carson City, Nev., on Dec. 26. He was a Navy commander.

Charles Perkins Moreton, CE 50, of Houston, on Feb. 20. He worked for Arkansas Louisiana Gas Corp. before beginning a 30-year career with Texas Gas Transmission Corp. He became president of the
corporation in 1977 and later was CEO under CSX Corp. Upon retirement from Texas Gas, he started Commet Resources and Gas Transmission Ltd. Mr. Moreton completed his studies at Tech, where he was a member of Kappa Alpha and Chi Epsilon, after serving in the Army at the end of World War II. He was a Scoutmaster, president of the Houston Gas Association and a board member of the American Gas and Southern Gas associations. He was a member of the boards of directors of Conservatek Industries Inc., Entex, Chem First Corp. and Central Lumber Mineral Co. He served on the president’s advisory board at Georgia Tech. Survivors include his son Sam Moreton, IE 82.

**John R. Munger Sr., Chem 50,** of Huntsville, Ala., on March 23. He served in the Philippines during World War II and had worked as a chemist in research and development at Redstone Arsenal since 1950. He had 60 years of service with the American Chemical Society.

**John R. Murphy Jr., IM 56,** of Milledgeville, Ga., on March 8. He was the founder and head of the DeKalb Area Manpower Technical School before teaching at Southern Tech and Georgia Tech. He retired from Tech in 1980. A retired lieutenant colonel, he served in the Army during World War II and was a member of the Old Capitol Area Military Officers Association of America. Survivors include stepson Wade Barnes, A Biol 71.

**Eric Adkins Newsom Jr., IM 59,** of Leesburg, Fla., on March 19. He was the former president of Eric Newsom Associates and a longtime member of the state, regional and national economic development associations.

**William Ralph Thomas “Bill” Oakes Jr., AE 59,** of Potomac, Md., on Feb. 9. He was a member of the Hill Society and the TIGER and GTRI advisory boards at Georgia Tech and a former member of the Institute’s advisory board. Survivors include his son William R. “Billy” Oakes III, Mgt 91. Memorials in his name may be made to the Georgia Tech Foundation for the Oakes chair in aerospace engineering.

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**Yellow Jackets, NFL Star Drew Hill**

When Drew Hill came to Georgia Tech in 1975, he was a 168-pound running back from Newnan, Ga., with little hope of playing time. By the time he left in 1979, Mr. Hill was a cat-quick receiver and key piece of the Yellow Jackets offense.

Mr. Hill, IM 82, died on March 19 at Piedmont Hospital in Atlanta after suffering two strokes two days earlier. He was 54.

After leaving the Institute, he was selected by the Los Angeles Rams in the 12th round of the NFL draft. It wasn’t until 1984, when Mr. Hill was traded to the Houston Oilers, that his pro football career took off. Paired with quarterback Warren Moon in the run and shoot offense, Hill became a dangerous threat.

In seven seasons as an Oiler, Mr. Hill caught 480 passes for 7,477 yards and made two Pro Bowls. He finished his career in Atlanta playing with the Falcons. He retired after the 1993 season with a career total of 634 receptions, 13,332 total yards and 60 touchdowns.

A businessman and artist, Mr. Hill was a member of the Georgia Tech Black Alumni Organization and the Atlanta Chapter of the NFL Players Association.

In 1998, Mr. Hill was inducted into the Georgia Tech Athletics Hall of Fame. He returned to campus last fall to serve as an honorary captain for the Yellow Jackets game against Middle Tennessee State.

“In Drew meant so much to us as a player and as a person,” Moon told the Houston Chronicle. “I counted on him so much. He was the consummate professional. It’s just so sad.”

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**Charles A. Penn, IE 51,** of Marietta, Ga., on July 17. He was a veteran of World War II.

**Benny Rouse, IE 57,** of Houston, and Colquitt, Ga., on Aug. 21. A member of Sigma Alpha Epsilon fraternity while at Tech, he completed the General Electric manufacturing management program in 1960. He served in the Navy during the Korean War, receiving several ribbons and the Cross of Military Service from the United Daughters of the Confederacy’s Dougherty County chapter. He was a past member of the Paul Carrington chapter of the Sons of the American Revolution.

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**William Elliott Simpson Jr., ME 54,** of Chamblee, Ga., on Feb. 28. He received numerous awards and held several patents in a 41-year career as an engineer for Lockheed Martin. He served as a Navy officer aboard the USS Stephen Potter. He was a Sunday school teacher, Stephen minister and volunteer at the Methodist Children’s Home. He enjoyed bike rides on the Silver Comet Trail with his son and cycled more than 1,200 miles while undergoing chemotherapy.

**William Richard Skelley, IM 55,** of South Glastonbury, Conn., and Green Hill Beach, R.I., on Feb. 2. Mr. Skelley worked for LEGO...
In Memoriam

Systems as a director of production/process, retiring in 1998. He also taught courses in manufacturing management at Western New England College. He attended Tech on a football scholarship and received an MBA from the University of Connecticut.

Talbert E. Smith Jr., IE 51, of Sapphire, N.C., on April 19. A member of Chi Phi fraternity while at Tech, Mr. Smith retired from Burford, Hall & Smith.

James F. Tierney, Cls 57, of Greensboro, Ga., on Dec. 21. Mr. Tierney was the former executive vice president of Koll Morgan. He was a member of Pi Kappa Phi while at Tech.

Robert E. Vaughn, ChE 51, of Tampa, Fla., on Dec. 17, 2009. Mr. Vaughn was president of Mechanical and Chemical Equipment Co. and Brandon Chrysler Plymouth. He also was a graduate of MIT and served as an officer in the Air Force. He served on the Georgia Tech advisory board; Barnett Bank board of directors; Hillsborough County Hospital Authority board of trustees; Southwest Florida Water Management District; and the boards of the Boys and Girls Clubs of Tampa Bay and Brandon. He also served on the Hillsborough County education board of the Diocese of St. Petersburg and was a trustee of the Pontifical Josephinum Seminary in Columbus, Ohio. He was an Eagle Scout, pilot, golfer, hunter and marksman.

F. Donald Waller, IE 59, of Cordele, Ga., on March 8. Mr. Waller was an industrial engineer for many years and retired after working as a corporate sales manager in the lumber industry. He served as chairman of his church’s building and grounds committee and was a past president of the Cordele Rotary Club.

William Clyde Whitten Jr., MS IM 50, of Clemson, S.C., on March 15. Dr. Whitten, who earned a bachelor’s degree from Clemson College and a PhD in economics from the University of Alabama, retired from Clemson University as a professor of economics in 1983. A World War II veteran, he served as an Army sergeant in France, Belgium, Holland and Germany before being wounded. He was awarded the Purple Heart and three Bronze Stars. Dr. Whitten researched and wrote genealogy books.

James M. Workman Jr., ME 50, a resident of Atlanta, on Feb. 12. An Air Force veteran of World War II and a member of Tau Beta Pi and Pi Kappa Phi while at Tech, Mr. Workman spent most of his career designing retail interiors for companies such as Rich’s Department Stores. He spent 30 years with MEI in Atlanta and worked with Alvin Ferst, IM 43, and others on the original designs for the Rich’s store at Lenox Square. He was a participant in the Atlanta Ministry with International Students program, hosting many students at his home over the years.

John Arnold Wurz, BS 58, Arch 59, of Atlanta, on March 6. Mr. Wurz was a registered architect in 20 states and a chartered architect in the United Kingdom. He worked for the Rich’s Department Stores planning and design team and was a partner at Heery International before founding Wurz, Weiscarver & Pruitt, specializing in aviation projects, in 1980. He was active in the construction research committee of Georgia Tech. An Eagle Scout, he was a member of Sigma Nu fraternity while at Tech. After graduation, he served in the Air Force at Nuclear Missile Command at Tinker Air Force Base in Oklahoma. Survivors include his son Chase Wurz, Econ 93.

1960s

Thomas B. Clark, IE 67, MS IE 68, of Atlanta, on March 21. Dr. Clark retired in 1999 as professor emeritus of managerial science at Georgia State University. He also was co-founder of YCA, now Project Success Inc., a project management training and consulting firm. A member of the Army ROTC, Chi Phi fraternity and Omicron Delta Kappa while at Tech, he earned a PhD in management from Georgia State. Following service in the Army at the Pentagon and employment as an industrial engineer, he served on the Tech faculty. Dr. Clark was instrumental in the founding of the Atlanta Hospital Hospitality House and was its founding president from 1979 through 1982. A cottage on the grounds of AHHH was dedicated to him. He was a recipient of the WXIA-TV 11Alive Community Service Award and the American Institute for Public Service’s Jefferson Award. In 2004, he was named Volunteer of the Year by the Atlanta chapter of the American Red Cross.

Jon Carlton Ellis, IM 60, of Charlotte, N.C., on March 25. After working for several companies, he started his own firm, Sentury Reagents Inc., in 1974. His hobbies included golf, fishing and woodworking.

Paul Mason Faires, IE 64, of Gastonia, N.C., on Dec. 30. He was the owner and operator of Kluttz Machine & Foundry Co.

Robert Pettigrew Groseclose, MS IE 60, of Springfield, Mo., on March 27. He served as an officer in the Air Force following graduation from West Point in 1950. He was stationed throughout the United States and in Germany and Greece during his 30-year military career and retired as a lieutenant colonel in 1978. He served as Gideon card chairman of the Gideons International ministry in Springfield.

Wayne Lester Hatfield, Cls 63, of McIntyre, Ga., on Feb. 22. Mr. Hatfield was a retired contractor.

Robert S. Muccio, ME 65, of Davie, Fla., on June 26, 2010. Mr. Muccio was the former owner of G&R Auto Brokers.

William Oscar Payne, Cls 60, of Lyman, S.C., on Feb. 10. Mr. Payne was an electrical designer with Lockwood Greene Engineers Inc.

Thomas Patrick “Pat” Rusk, EE 63, of Cumming, Ga., on Dec. 7. Mr. Rusk owned Thomas P. Rusk and Associates LLC for 35 years. Survivors include his son, Timothy Rusk, EE 91, and cousin, Holton R. Parris Jr., IM 51.

Richard J. Schwadron, AE 69, of St. Louis, on Jan. 31. He had worked as a contracts engineer with Douglas Products Division and as an engineering manager with McDonnell Douglas Aerospace. He was a member of Alpha Phi Omega while at Tech.
John Denton Witt, MS CE 62, of Columbia, S.C., on Feb. 2. Mr. Witt received a bachelor’s degree from Notre Dame. After serving in the Navy from 1943 to 1946, he worked as a civil engineer for Exxon. In 1973, he founded Concrete Construction Co., which he operated until his retirement.

1970s

Thomas E. Dean, IM 70, of Mount Juliet, Tenn., on March 14. A member of Sigma Nu fraternity while at Tech, he was a member of the Sports Car Club of America and the National Rifle Association.

Mark Ernest Ehrhardt, ME 75, of Houston, on March 24. Mr. Ehrhardt had a nearly 36-year career with Exxon Production Research Co., now ExxonMobil Upstream Research Co., during which he traveled the globe, earned several patents and mentored younger engineers. He was a life group teacher and choir member at his church. His hobbies included building and flying radio-controlled airplanes.

Larry S. Fishman, EE 70, of Severna Park, Md., on Jan. 24, following a four-year battle with cancer. After retiring from a 34-year career with the National Security Agency, Mr. Fishman worked for Booz Allen Hamilton. He received a master’s degree in computer science from George Washington University in 1972. His hobbies included scuba diving. Survivors include his brother Bob Fishman, EE 74.

William G. Mayer, GMgt 71, of Granada Hills, Calif., on Sept. 2. A member of the basketball team while at Tech, Mr. Mayer worked as a building contractor.

Andrew Frank Stringfellow Sr., IM 70, of Columbus, Ga., on March 2, of leukemia. Mr. Stringfellow earned an MBA from Columbus State University and a master’s degree in operations management from Mercer University. He was an Air Force veteran.

1980s

Andre Hastie, IE 82, of Neptune, N.J., on Feb. 15. Mr. Hastie received an MBA from Monmouth College and had worked as a civil servant in the Department of Defense at Fort Monmouth since 1981. Mr. Hastie became the first male lifetime member of the North Shore area section of the National Council of Negro Women. He was an avid traveler and photographer.

Theresa Norton Ibarquen, Mgt 87, of Boerne, Texas, on Oct. 19. She was the CEO, president and owner of TJ Care LLC, an assisted living and adult day care center in San Antonio. She previously worked in the IT industry.

Craig A. Sands, IE 83, of Niceville, Fla., on March 31. He was 49. An ROTC member at Georgia Tech, he entered the Air Force after graduation. Lt. Col. Sands was a master navigator with more than 124 missions flown. He was nicknamed “Sandman.” Upon retiring in 2007, he served as a senior research scientist for Georgia Tech at Eglin Air Force Base. He enjoyed running and kayaking. Survivors include his brother Charles Sands, MS IE 96.

Bryan Douglas Williams, MS ICS 86, of Lawrenceville, Ga., on Jan. 29. Mr. Williams, also a graduate of the University of Georgia, was a software engineer for IBM Internet Security Systems. He also worked for the Georgia Tech Research Institute.

2000s

Melissa Ann Affatato, Biol 07, of Dallas, in February. Ms. Affatato was a co-op student and a member of the 2007 Solar Decathlon team while at Georgia Tech. Survivors include her brother Joey Affatato, Mgt 10.

Student

Derek B. Benicewicz, 24, formerly of Loudonville, N.Y., on Sept. 29. Mr. Benicewicz was a PhD candidate in the School of Chemistry and Biochemistry at Georgia Tech. He was a 2008 graduate of Rensselaer Polytechnic Institute, at which he majored in both economics and chemistry. He enjoyed hiking, skiing and karaoke and had a third-degree black belt in tae kwon do.

Friends

John R. Kaatz, 80, of Alpharetta, Ga., on March 10. Dr. Kaatz retired from Georgia Tech as an associate professor of economics in the College of Management.

Kenneth Douglas Martin, 70, of Winter Park, Fla., on Jan. 29. Mr. Martin held senior management and executive-level positions with Gillette, Scripto, Allegheny International, Mennen, the Primerica Corp., Nestfamily.com and Tupperware North America during his career. He was a member of Georgia Tech’s national advisory board from 1982 to 1988.

George Rentzepis, 83, of Atlanta, on Jan. 30. He retired from Georgia Tech in 1998 following 35 years as a member of the faculty.

Edward William Salter Jr., 67, of Atlanta, on March 17. Mr. Salter was employed at Princeton University as a painter before moving to Atlanta, where he began a 25-year career painting at Georgia Tech. He loved singing and dancing.

Lisa LeChe Truitt, 39, of Villa Rica, Ga., on Feb. 6. She was an accountant in the business office of the Georgia Tech Athletic Association for the past five years. A native of Baton Rouge, La., she graduated from Southern University Honors College.

Judith Ann DeVore Winzurk, 48, of Suwanee, Ga., on Jan. 29. A graduate of the University of Cincinnati and University of North Carolina at Greensboro, she began her career teaching in the metro Atlanta area. While working with Fulton County Schools, she received the IBM and Technology & Learning Georgia Teacher of the Year award. She later worked as an instructional technology consultant in business and industry and as a program manager at the Georgia Department of Education. In 2006, she joined the staff of Georgia Tech’s CEISMC program as an instructional technology support specialist evaluating grant programs. She recently completed doctoral education coursework at Kennesaw State University. Survivors include her husband, Brandon Winzurk, MS CE 93.
Georgia Tech’s new basketball coach Brian Gregory, second row, first player from the left, played one season for a Navy team that also featured All-American David Robinson, back row, center. Gregory transferred to Oakland University, where he played three seasons. Gregory owns every school assist record and once tallied 25 assists in a game.

Gregory Promises Hard Court Revival
New Jackets men’s basketball coach a former playmaking whiz

By Van Jensen

While a freshman at the Naval Academy, Brian Gregory might not have had the stature of 7-foot-tall All-American David Robinson, but he did have a reputation as a star player all the same.

“He was a smart guy, super disciplined,” said Chris Thomas, who was in Gregory’s class and lived across the hall from him. “He had a great mind for the game even then.”

After a season at Navy, during which the team advanced to the Elite Eight in the NCAA tournament, Gregory transferred to Oakland University in Michigan to finish his playing career. There he had a record-setting three seasons as the starting point guard. Gregory holds all of Oakland’s assist records. He once recorded 25 assists in a game and had 23 twice.

A three-time all-conference selection, Gregory was named an Academic All-American in 1990, the year he graduated from Oakland with a bachelor’s degree in secondary education. He was inducted into Oakland’s hall of fame in 1997.

After his playing days ended, Gregory made a transition into a successful coaching career. His latest stop is Georgia Tech after being named head coach of the men’s basketball team in March.

Upon hearing the news about his classmate, Thomas said he wasn’t surprised.
“He’s a super guy,” Thomas said, “real team player. We were in the same company as plebes, and it was a pretty hard time.”

Before joining the Yellow Jackets, Gregory coached the Dayton Flyers from 2003 to the past season. The team went 172-94 in his tenure and made two NCAA tournament appearances. Dayton won the NIT championship in 2010.

Gregory gained coaching experience as an assistant on the staff of Michigan State coach Tom Izzo from 1999 to 2003, including the Spartans’ NCAA championship season in 2000.

“We looked for a coach who would be a perfect fit, someone with a history of success,” said Dan Radakovich, Tech’s athletics director. “One coach continued to stand out, and that was Brian Gregory.”

At his introductory press conference, Gregory stressed his goals of recruiting talented players, reconnecting with former players and reviving a program that had flagged toward the end of Paul Hewitt’s 11 seasons with the Yellow Jackets.

“This is an elite university,” Gregory said. “I’m going to work so that Georgia Tech basketball becomes once again one of the most elite basketball programs in the country.”

Gregory, a native of Mount Prospect, Ill., earned a master’s degree in athletic administration at Michigan State in 1992. Gregory was accompanied to the press conference by his wife, Yvette. The couple’s two daughters stayed behind in Dayton for school, he said.

In addition to success on the court, Gregory’s players have had consistent success in the classroom. Every Dayton senior graduated under his tenure.

His six-year annual base salary of $1 million is reported to include incentives for his team’s academic and athletic performance.

Several Georgia Tech players are expected to return for the 2011-12 season, including Glen Rice Jr., who will be a junior.

Iman Shumpert, who just completed his junior season, announced via Twitter that he would enter his name in the NBA draft. Shumpert, who led the team in points, rebounds, assists and steals last season, has not hired an agent. If Shumpert withdraws his name from the draft, he will preserve his eligibility for one more season at Tech.

The Yellow Jackets will begin play at a new stadium during the 2012-13 season. The McCamish Pavilion will replace Alexander Memorial Coliseum.

Tech is negotiating with Philips Arena and Gwinnett Arena to host the Yellow Jackets while construction is under way during the 2011-12 season.

Gregory said he will have the Yellow Jackets playing an intense style that will fire up the new Thrillerdome.

“No one’s going to work harder than I am,” he said.
Doctoral Student Kayaks Toward Olympics

Story by Van Jensen
Photo by Brett Heyl

In the world of competitive kayaking, only hundredths of a second separate the elite from the also-rans. The training is intense and goes year round.

In the upper echelons of biomedical academia, graduate students often sacrifice their personal lives to distinguish themselves as researchers.

While either of those would be challenge enough, James Wade, ISyE 10, has planted a foot firmly in each.

Wade went straight from his undergraduate degree into the PhD program at the Wallace H. Coulter Department of Biomedical Engineering at Georgia Tech and Emory University, and he is the G.F. Amelio fellow at the Institute. His research focuses on optimization and molecular biology.

Outside of the lab, Wade is a world-class slalom kayaker and member of the U.S. national team.

Wade, who grew up in Boise, Idaho, got an early start into the sport. “My father was a kayaker. It was one of the main reasons he moved to Idaho from the East,” he said. “I eventually gave it a shot, and things went from there.”

Wade began to make a name as a kayaker while an undergraduate student at Tech. He came to the Institute so that he could study engineering and because there was a national team training group in Atlanta.

In the 2006 U.S. team trial, Wade went into the race knowing he wasn’t among the three fastest competitors, he said. But he had a good race and came in third to claim a spot on the U.S. national team.

Since then, Wade has continued to improve as a kayaker. In 2009, he was the national champion in the K-1 event.

“I’ve worked a lot on my technique, strength and conditioning,” Wade said. “I started kayaking when I was 14 and racing at 15. That’s an older age than most of my competition. In 2006, that was only my fifth year racing. In 2009, I had been racing four extra years, nearly doubling my experience.”

The K-1 slalom event is an intense burst of kayaking. Each race lasts about 100 seconds as a kayaker shoots down a white-water course and maneuvers around hanging gates.

The event is further complicated because kayakers aren’t allowed to practice on the course before the race begins, Wade said. “We have to mentally practice the course, since we can’t do it physically.”

And the level of competition is fierce. During qualifications at the 2009 world championships, the top 30 racers finished within 2.5 seconds of each other.

To prepare for the Olympics, Wade has been living in Boise to practice there. He recently spent two months training in Australia and plans to spend the summer racing in Europe.

Between working out four days a week, Wade squeezes in studying and exams. He said he enjoys classic novels and recreational soccer, but those interests are dormant at the moment. He has his sights set on the 2012 Olympics.

“There are so many steps between here and the Olympics,” Wade said. “There’s so much competition, and only one athlete per country makes it. I think if you get caught up in looking forward to the Olympics, you lose sight of what it takes to get there and you won’t make it.”

Though it’s been plenty of work, Wade hasn’t struggled too much in balancing kayaking and school. He credited the Tech community for helping him through his quest for the Olympics.

“The personal support of so many people at Tech — administrators, professors and friends — and elsewhere has been critical to my success,” he said. “I can’t stress that point enough. You don’t get here without help.”

May/June 2011 Georgia Tech Alumni Magazine
The goal is not to win the Death Race, it is to simply finish. To accomplish that, one must endure 24 hours of physically grueling tasks mixed with an array of mental challenges. Barbed wire figures prominently.

The organizers say it takes a lunatic to enter and a very special person to finish. Each year, only about 10 percent complete the race. Even the race’s website conveys its unpleasantness: you-may-die.com.

Count Chris Olmstead among the lunatics and the special. Olmstead, a metals trader for Societe Generale in London, has competed in the Death Race four times, traveling to Pittsfield, Vt., where the event is held every June. In 2009, Olmstead completed the race for the first time.

Olmstead described his time at Tech as another death race. He enrolled in 1990 but didn’t earn his architecture degree until 1999. He first became interested in the event after reading Ultramarathon Man, Dean Karnazes’ account of extreme athletic challenges. Olmstead searched for events and came upon the Death Race.

“I don’t really have a strong background in athletics,” he said. “I work out to stay fit and for the Death Race and so that when the end comes my family and I will be among the survivors.”

In past years, the race has required participants to run up and down the Green Mountains while toting a bicycle frame and a tree stump. They’ve also had to dive to retrieve submerged bicycle parts from the bottom of a pond. And they’ve had to start a bonfire in order to boil an egg — which they then had to eat.

Olmstead said that while the race is physically arduous, the mental aspect is the greatest challenge.

“There was a time not long ago when everyone in America could do the race,” he said. “Now we are weak and lack the mental endurance to tolerate more than a little discomfort. Sooner or later the pain and discomfort levels off, and then it is just a question of keeping moving.”

Olmstead said he entered the race initially to push himself and try to find his physical limit. Olmstead’s training includes a daily 4.4-mile run to the gym, regardless of the weather.

His wife, Meredith, helps plan logistics and training and travels with him to Vermont to encourage him along the way.

Each year the race organizers incorporate new challenges. One year, for instance, the final race instructions were sent in Greek.

“I like the uncertainty of not knowing exactly what the events will be or if I will finish,” Olmstead said.

This year, one of the challenges given to competitors was to have an article about them entering the race published. Olmstead reached out to the Alumni Magazine.

For those who fail to have an article published, there are three options: Drop out of the race, compete clean-shaven from head to toe or carry a hay bale up 1,500 feet in elevation through a rocky ravine. The ravine, the organizers noted, is infested with insects.

We’re happy to help Olmstead avoid it.
Montgomery Picked 10th in WNBA Draft

Alex Montgomery will be continuing her stellar basketball career. After wrapping up her senior season, the forward was selected 10th overall in the WNBA draft April 11 by the New York Liberty.

Montgomery, from Tacoma, Wash., led the Yellow Jackets with 14.1 points per game and 8.5 rebounds per game.

She is the highest selection ever of a Georgia Tech player in the draft.

“It’s an honor,” Montgomery said in a statement. “I’m very excited to get to New York and work to help the Liberty compete for a [WNBA] championship.”

The Atlanta Tipoff Club named Montgomery the State of Georgia Women’s College Basketball Player of the Year. She also was a State Farm Coaches’ All-America team honorable mention and the Women’s Basketball Coaches Association All-Region 2 player.

She also was named a member of the All-ACC Second Team and the ACC All-Defensive Team.

Montgomery led the Yellow Jackets to a best-ever fifth seed in the 2011 NCAA tournament. Georgia Tech advanced to the second round of the tournament and lost to Ohio State 67-60.

Gomez Sets Tennis Wins Record

With a singles victory on April 10, Yellow Jackets senior Guillermo Gomez set a new men’s tennis record with his 113th career win. Gomez beat Jose Hernandez of North Carolina in three sets.

The record had belonged to Gomez’s coach, Kenny Thorne, IE 89, who compiled 112 wins from 1985 to 1988.

Gomez, an industrial engineering major, maintains a 3.4 grade point average and plans to graduate in December. He grew up in Spain and plans to pursue a career in professional tennis.

Gomez has dominated since his Georgia Tech career began. He was the ACC rookie of the year and qualified for the NCAA championships during his freshman season. Last season, Gomez was a finalist at the ITA indoor national championships and ended the year ranked fifth in the country.

“[Gomez] is the best player to come through Tech, and he deserves to have every record here,” Thorne said. “He’s been winning consistently since his freshman year, but at the same time, he’s really focused on the team and helping us get to where we want to be. Right now, any tournament he enters, you feel like he has a chance to win.”

Volleyball Hitter Named to National Team

Georgia Tech sophomore right-side hitter Monique Mead was one of 36 players named to the 2011 U.S. Volleyball Women’s National A2 Program roster.

The program includes training and competition in the 2011 USA Volleyball Open National Championships.

Mead earned American Volleyball Coaches Association All-America honorable mention honors in her first two seasons at Georgia Tech.

She led the ACC and ranked 18th in the nation in kill average with 4.31 per set this past season.

Freshman Shines for Golf Team

After shooting an opening-round 76 at the Grub Mart Intercollegiate golf tournament in April, red-shirt freshman Seth Reeves sat nine strokes back from the leaders.

But a 6-under-par 66 on the final day of the tournament was enough to earn a share of first place for Reeves, who is from Du-
James White, a junior, has claimed the team’s two other individual first-place finishes on the season.

The Yellow Jackets are headed into NCAA championship regional play, which begins May 19.

**Wren Twins Make Mark on Baseball Team**

Kyle and Colby Wren are particularly notable for being freshman members of the Yellow Jackets baseball team.

There is the curious fact that they are twins, but the Wrens also have a father who is a big name in the Atlanta baseball scene. That would be Frank Wren, general manager of the Atlanta Braves.

Frank Wren played minor league baseball in the Montreal Expos system before moving into Major League Baseball management. He took over for longtime Braves general manager John Schuerholz at the end of the 2007 season.

Kyle and Colby both had standout careers at Landmark Christian School in Peachtree City, Ga. Kyle is a centerfielder, and Colby plays first base. Kyle has earned a starting nod for the Yellow Jackets and was leading the team in batting early in the season. Colby is a backup on the squad.

The ACC tournament begins May 25 in Durham, N.C. The NCAA tournament begins with regional play on June 3.

**Softball Player Finalist for CLASS Award**

Kristine Priebe, who plays first base for the Yellow Jackets, is one of 10 finalists for the Lowe’s Senior CLASS Award in softball.

The award is open to a senior athlete with notable achievements in the community, classroom and on the field. Finalists were chosen by a media committee, and fan voting will determine the ultimate winner of the award.

Voting is open through May 10 at seniorclassaward.com. The winner will be announced June 3 at the Women’s College World Series.

Priebe is off to a dominant start to the season, batting .351 with 10 home runs and 38 RBI through mid-April.

**Bedford Claims Inaugural Burlsworth Trophy**

Sean Bedford, who has completed his Yellow Jackets football career, won the first Burlsworth Trophy, given to the best player who began his career as a walk-on.

Bedford, a starting center for the past two seasons, graduated in December with a degree in aerospace engineering. He was named to consecutive All-ACC teams.

The award is named in honor of Brandon Burlsworth, a former Arkansas walk-on who went on to be an All-American offensive lineman. Burlsworth was killed in a car accident in 1999 shortly after being selected in the NFL draft.

“I am extremely honored to be the inaugural recipient of the Burlsworth Trophy,” Bedford said. “I have a tremendous amount of respect for what Mr. Burlsworth accomplished, and it is humbling to be mentioned in the same caliber with him. I would like to thank the Burlsworth family, my coaches, teammates and friends for helping me earn this award.”
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In Retrospect

Mr. DeMille, Ready for Your Close-up?

In early 1954, Cecil B. DeMille was preparing to begin production on *The Ten Commandments*. Paintings by artist Arnold Friberg depicting scenes from the Bible were tacked to the walls of DeMille’s office. And just below them, scattered across a sofa, were a couple of dozen photographs of lovely young women.

The legendary film director and producer was not in search of his next starlet but rather the prettiest faces to be featured in the Beauties section of the 1954 *Blueprint*.

There’s DeMille in the yearbook holding a headshot at arm’s length in intense study. In one of the photos, Friberg looks over DeMille’s shoulder. Also published in the yearbook is a letter, printed on Paramount Pictures letterhead and addressed to then-*Blueprint* features editor William R. Britton, in which DeMille discussed his selections.

Britton, ChE ’54, MS IM ’55, told the *Alumni Magazine* that he asked DeMille, “the most dominant figure in Hollywood at the time,” to judge the photographs in the hopes of offering a unique approach to the Beauties section.

“I wrote him a letter, and, much to my delight and surprise, he replied by letter that he would be willing to do it,” Britton said. “I bundled up the photos and mailed him the package. I asked him to include a pic of him looking over the photos. He responded, and we kept the project secret until we were ready to distribute the books. Everything was done by mail.”

Britton’s then-sweetheart and future wife, Mary Nell Padgett, unfortunately did not make the director’s cut. Mrs. Britton, who died in 2001, was featured a few pages later as a Fraternity Favorite. While a bit disappointed that his girlfriend was not picked, Britton nevertheless was proud to have DeMille involved in the project.

“The response to the yearbook was really quite positive,” Britton said. “At the time, Cecil B. DeMille was the biggest name in the film business so it was considered a real coup to have him appear in our book.”

— Leslie Overman
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