Wave of viruses slows campus network

By Arjun Subramanian
Contributing Writer

Computer worms and viruses have recently become a big problem for Georgia Tech’s network. Last week, the MS Blaster worm, the DCOM (Nachi) worm and the SoBig.F Virus disrupted the ResNet and EastNet, the systems connecting most of the campus dormitories to the central campus networks.

According to Herber Baines, Director of Information Security at OIT, the two worms and one virus are unlike any previous attacks. They have caused more disturbances than ever before. The DCOM (Nachi) worm and MS Blaster are very similar in the way they damage systems. Windows features a protocol called the Remote Procedure Call (RPC) that allows computers to seamlessly execute code on a remote machine. Both the DCOM (Nachi) Worm and the MS Blaster worm exploit a vulnerability in the RPC in Windows NT, 2000, XP and Server 2003, giving an attacker full local system privileges on the machine. The attacker would be able to take actions such as installing programs, viewing or changing data, or creating new accounts with full privileges.

Systems run by the university, such as the academic departments, centralized systems and mail servers, were not significantly damaged by either of the worms.

“The disruptions caused by both worms are mainly because of unpatched, poorly-defended private computer systems,” said Baines.

Over 1,000 personally-managed systems were infected with MSBlaster and DCOM (Nachi), blocking and disrupting network traffic.

Psychology moves into renovated Coon

By David Amick
News Editor

The John Sayler Coon building reopened this fall after undergoing a year of renovation work. Formerly home to the School of Mechanical Engineering, the Coon building now houses the School of Psychology.

“Spectacular,” said Professor Emeritus Edward Loveland of Psychology’s new space. Loveland was the first chair of the School of Psychology when it was founded in 1958.

“The real fear of this building is that [renovators] used every square inch, without turning it into a monstrosity,” Loveland said.

“Getting this building done has consumed two years of my life,” said Randy Engle, Psychology’s current chair. “I think it’s been well worth it. We love it,” he said.

The Coon Building was constructed in 1911 and is one of the oldest buildings on campus. Design planning began in January 2002. Construction began in June 2002 and finished in March. The renovation work was designed to modernize the building while preserving its historic characteristics.

“It was really important to try to make a building that people could be proud of—not over-
Last week’s question:
What do you think of the AA’s new ticket pick-up policy?

This week’s question:
What do you think of Tech’s planned Six Flags event?
Tell us what you think at www.cyberbuzz.gatech.edu/technique.

From the archives...

The Nique’s top stories from:

10 years ago: August 20, 1993—The Bricks for Books campaign began to raise money for the library. Everyone who donated money received a brick from the recently demolished Techwood dormitory. Administrators hoped to sell 2,000 bricks.

20 years ago: August 12, 1983—In a “banner year” for fund-raising efforts, annual donations went up twenty percent to $12,607,367. Corporate gift giving jumped ninety-four percent to $7 million. New $45,000 bonuses allowed professors to supplement their $30,000 salaries and retire.

30 years ago: August 3, 1973—An article reporting on the Nixon impeachment reported that Representative Edith Green wanted to remove the president by a “no-confidence” vote rather than impeachment. Aaron Bertrand was appointed to replace William Spicer as Director of Chemistry, who resigned after 18 years.

We want your opinions!

Let us know what you think about our paper.

E-mail opinions @ technique.gatech.edu
Undergraduate House appoints committee chairs, reps

By Daniel Amick
News Editor

The Undergraduate House of Representatives kicked off a new year Tuesday night. The inaugural meeting for representatives elected last spring focused on appointments of executive officers, committee chairs and undergraduate representatives.

Executive Vice President Danny Puckett’s job is to run House meetings. He opened his first session by asking each representative to fulfill his or her duty by committing to attend as many meetings as possible. Puckett also asked that all reps show respect to each other and their views.

Everyone will have differences of opinion at some point, Puckett said, but “it is the ability to express opinion that forms the foundation of this body.”

President Nate Watson addressed the House for the first time in his new capacity. Watson has “outstanding potential to have a great year,” Watson said.

Dean of Students and UHR assistant William Welch said the recent retreat for representatives was the best she had attended in eight years and a “good indicator” of the year ahead.

Representatives approved numerous appointments. Watson’s officer appointees all passed. Members approved E.W. Looney as executive assistant. Ben Lawder, who ran unsuccessfully for Student Body President against Watson last spring, became Vice President of Campus Affairs, while former HTS representative Tiffany Turner took over as vice president of administrative affairs.

Representatives also approved committee chairs positions. Each student council committee is tasked with tracking attendance and travel time.

President Pelham Norville asked senators to report any concerns grad students have about financial aid.

The Graduate Student Senate also attempted to meet Tuesday night but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.

Members elected Saira Amir as House Administrative Committee chair. This body is tasked with tracking attendance and bringing impeachment motions against representatives. They also elected Mindy Park as Executive Nominations Committee Chair and Sung Park as the House Secretary.

Representatives voted to postpone nominations for House Members-at-Large until next week due to lack of publicity. To find out more about the possibility of serving in the position of Member-at-Large contact the SGA office.

The Graduate Student Senate also attempted to meet Tuesday but could not conduct any business because it failed to reach quorum. Executive Vice President Robin Bechtel asked for input from senators on the constituent area or topic. Some committees include academic affairs, athletic and recreational services, campus services and parking, transportation and facilities committee.

A list of new committee chairs can be found below.
Rankings from page 1

McMath said that the programs outside Engineering and Management are moving up as well, in ways not elucidated in the recent surveys. He said Tech has very strong “niche” programs that focus very specifically on smaller parts of broader subject areas.

Improving teacher quality is also a concern, said McMath. The Center for the Enhancement of Teaching and Learning (CETL) is working with professors seeking assistance on how to teach better.

CETL is hiring more staff to expand its services. Also, graduate schools started to teach basic teaching skills to their students in order to prepare them for teaching after graduate school. McMath said this recent shift will take time to influence the teaching environment overall.

Tech has placed focus on the overall learning environment outside the class in the recent past, but now is slowly shifting focus back towards improving learning in the class; this has become a priority with the administration.

Tech has improved in one area, according to the Princeton Review survey. Last year, Tech’s ranking of second in “Least Happy Students” caused a focus on improving the campus morale, and Tech’s absence on the list suggests the effort succeeded.

Last year’s ranking rose eyebrows all over Tech, including the Dean of Students office. A broad effort was made to raise campus morale, and additional funds were made available to address the issue.

Discussions were held between all levels at Tech, from President Clough to students. Ramblin’ Nights and the upcoming Six Flags night are examples of the effort to enhance the community.

A goal of the Dean of Students office is to enhance both the community and the individual learning experience. “How can we make the experience more meaningful and have students be engaged in order to be successful?” said DiSabatino.

Both DiSabatino and McMath stressed the need to look at the methodology of the surveys, by both strongly comparing the results of these surveys over time, and comparing them to our own office of assessment.

McMath said that Tech’s administration, faculty, and staff are “taking these [rankings] very seriously... and [students] are going to see some results.”

The Office of the Dean of Students will “not let up on the need to address student life.”

Gail DiSabatino
Dean of Students

by Gaurav Nagli / STUDENT PUBLICATIONS

A Solar Jackets member demonstrates his club’s creation. The car was on display as part of this week’s Student Involvement Fair.
OIT’s response team acted to isolate infected systems and shut down vulnerable ports to make sure that the infection rate does not soar.

So far, the strategy has been successful in that the infection rate among personally managed systems has reached a plateau, Baines said.

However, since the time gap between identification, isolation, cleaning and then finally restoring a connection is about 24-48 hours, many students had to go without internet access for a period of time.

“I went to get on [the internet] Thursday night and I got the ‘Error: cannot connect’ message,” said freshman Architecture major Jessie Brenton. “Somebody told me to try to get on my email on someone else’s computer. Reset had sent an email saying my connection had been turned off,” she said. Brenton lost her connection Thursday and did not regain access until Tuesday night.

In order to unlock the connection, Brenton and other affected students had to go to one of the housing offices and get a decontamination CD. The CD removed the virus and also installed antivirus software and a firewall.

“The volume [of people] they were taking in, I think they did a really good job responding to the situation,” said Brenton.

Despite the inconvenience the locking procedure caused, Baines appealed to the students to be patient because, he said, a widespread lock is the only way to prevent a campus-wide network problem. Baines said that, due to OIT’s efforts, the effects of the current strain has not been as widespread and damaging as it could have been.

One of the other incidental problems due to shutdown of some ports is the inability to share files between ResNet and EastNet, which said Baines could not be avoided.

The virus Sobig.F that also hit campus systems was not as damaging, only 28 out of over 30,000 systems were found to be infected with this virus. One of the effects Sobig.F had was to spam Georgia Tech’s central mail servers.

“The server was bombarded with 100,000 spam mails,” said Baines.

The SoBig.F virus can also carry a worm or a Trojan horse, which make a computer vulnerable to later infiltration and use as a platform from which to launch future attacks. Baines said that internet security experts had already blocked the 20 addresses and the chances of any major future attacks are small.

“It is extremely important for students to make sure that their systems have been patched and updated regularly,” said Baines.

“The effects of this incident should ease up now,” said Baines.

But students are encouraged to get in touch with OIT as soon as possible if they detect unusual traffic on their systems.

For a free copy of Hit or Viruse scan antivirus software around the Zeke Farm/Pro firewall, visit software. oit.gatech.edu

The expansion of Bobby Dodd Stadium, which is nearing completion, has added over 10,000 seats. The Tech-Auburn game on Sept. 6 has sold out.
The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.

The Coon renovations included the addition of graduate offices and study lounges, labs and seminar rooms, and repairs to the original slate roof.
Our Views

Consensus Opinion

Virus sickens many

With a computer virus running rampant across Tech’s campus, the Office of Information Technology (OIT) has recently been forced to lock the ports of many students’ computers. More than 1,000 network accounts have been turned off due to infection in the past week, creating quite a hassle for the large number of affected students.

While having personal internet access turned off is a major inconvenience, especially for newer students who might not realize why their service isn’t working, it is commendable that OIT rapidly took the steps necessary to prevent the spread of this detrimental virus. This helped protect further students from being affected.

Although OIT handled the situation well, it does seem slightly ironic that they chose to inform students that their ports were being locked by sending emails to the students’ accounts.

It is recommended that any students who have thus far escaped the spread of the latest virus sweeping across campus download a patch, establish a firewall and be wary of attachments from unknown senders.

Six Flags over Tech

The latest offering sponsored by the relatively new Student Life Fund promises to be one of the best (and biggest) things happening for students, by students, since Ben Folds Five played the Coliseum. Opening the Six Flags amusement park at a deeply discounted price for Tech students is ingenious—not only is it a good way to kick off this year’s installment of Ramblin’ Nights, but it also promises to provide an environment that will foster community.

The fact that this event is occurring within the first three weeks of the semester shows the hard work and extensive planning that must have been done during the summer. Additionally, the timing could not have been better—at this point in the semester, students are not yet swamped with school work and the campus is still excited to be back. The widespread knowledge of the event, even among students who are not normally involved in campus activities, is a testament to the success of the publicity campaign.

A measure of the night’s success will be to look at the number of attendees, the effectiveness of the busing plan and post-event responses by students. If the event provides as entertaining a night as it promises to be, it should become an annual Tech tradition.

Consensus editorials reflect the majority opinion of the Editorial Board of the Technique, but not necessarily the opinions of individual editors.

Editorial Board

Tony Kluemper, Editor-in-Chief
Justin Parulis, Managing Editor
Daniel Amick, News Editor
Jennifer Lee, Focus Editor
Art Savoy, Entertainment Editor
Kimberly Rieck, Sports Editor
Scott Meuleners, Photography Editor
Julia Tappold, Advertising Manager
Jennifer Schur, Opinion Editor

Copyright Notice

Copyright © 2003, Tony Kluemper, Editor-in-Chief, and the Board of Student Publications. The Technique is an official publication of the Georgia Tech Board of Student Publications. No part of this paper may be reproduced in any manner without written permission from the Editor or from the Board of Student Publications. The ideas expressed herein are those of the Editor or the individual authors and do not necessarily reflect the views of the Board of Student Publications, the students, staff or faculty of the Georgia Institute of Technology or the University System of Georgia.

Writing this is like jumping off a cliff

I see you, sitting there. Not really, but I’m going for effect here. You’re thinking ‘oh great, another editorial,’ but this one is different, and I’m recommending you don’t read it. This editorial is about editorials, so that makes it a meta-editorial. This particular meta-editorial focuses on how much I dislike writing editorials. To tell you the truth, I really don’t like writing in general, but editorials have a special place in my dislike for scribing prose.

I think I’m alone on the ‘Nique staff on this. It makes me wonder how my fellow editors go about filling a blank piece of paper with a good opinion piece, or at least decent one…usually. Give me a CLI and Vim, and I’ll tackle code any day rather than lightening with ops pieces in Word. Reports and, to a certain extent, news stories aren’t so bad. Once you’ve cranked through the piece until your word or page count is high enough. You’ve all done it for class and the same holds true here, which, to be honest, is why some of the stories in papers are so bad.

A personal problem I have with writing opinion pieces is that I have a theory, sometimes two, for everything when sitting around and discussing with amigos, but coming up with a topic that is both interesting and germane to the student body as a whole is far more difficult. I always wind up picking everybody I know for ideas but I never get a good answer. Think about it now, if you had to write an 800 word essay that could potentially be read by everybody at Tech, what would you write about?

I could sit here and bore you with discussions on Mozilla’s many virtues, the face that is the SCO debacle or why software patents are evil. I spare you from this for two reasons. One, teams have been written on each of these and, two, those of you who know what I’m talking about already have your own opinions on the matter. As an aside to you geeks out there in lecture: if you haven’t tried the Mozilla Firefox browser, you’re missing out. I can categorically say that the browser ranks right up there with sliced bread on the all-important greatness scale.

Moving on, I could always go with the old standby of the Shaft, Parking, dating, student apathy and whatever else we run over and over. These topics, while always enterprising, simply aren’t enough. I find myself a glutton for copywriting-induced pain. I have this, perhaps foolish, desire to ‘breakout ground’ and to use my 1.600 words per semester to expand the horizons of Tech students. Alas, deadline always rolls around, and I wind up falling back to an easy topic such as the rant you’re currently reading.

After the choice of topic, the second worst aspect of writing these editorials is how long they have to be. Eight hundred words doesn’t sound too bad, but when I sit down to write about a topic, I usually wind up with just about four hundred words. This is unfortunate because it’s exactly half of what is required to fill this space. I don’t know if you’ve noticed, but many publications put their opinions section in a larger box exactly because they want to be able to write a shorter opinion piece and still fill up their space. Otherwise editorial writing isn’t too bad. Once you’ve gotten up sufficient motivation, also known as its deadline and you still haven’t written your-editorial peer pressure, it’s not too difficult to crank out a poorly written piece. It’s sort of like jumping off a cliff, the anticipation is the worst part. Once you’re off, you can enjoy the ride. Un fortunately when cliff jumping, there is usually a bottom and you have to deal with the consequences post-impact. In the case of my editorials, it always comes down to two phrases: ‘I can’t believe I actually wrote this’ and ‘I haven’t tried the Mozilla Firefox browser, you’re missing out.’

Both of these are followed by a solemn promise to myself that the next editorial will be different. I’ll have a wonderful topic and be done days before the deadline.

Don’t take this rant on editorials as a mark against the ‘Nique or any other news organization. I really enjoy being a part of the paper and encourage you to join up. You’ll get to hear all the goings-on around campus every week and the people who work here are great. The more the merrier. Happily, YOU won’t have to write editorials unless you become editor either by hook or, as in my case, by crook. I was serious when I asked for ideas on editorial topics. Feel free to send any and all to online@technique.gatech.edu and if my spam filter doesn’t eat your message, I just might write my Nov ember editorial on it.

Finally, I’d like to take this space to say that the Technique does, in fact, have a website! Visit it! It’s located at http://www.nique.net.
Ten Commandments do not dictate American law

This week, officials removed a 2,500-pound monument enshrined with the Ten Commandments from the rotunda of the Alabama Judicial Building. The chief justice of the state supreme court, Judge Roy Moore, placed the granite block there in August 2001. When asked if the monument violated the principle of separation of church and state, Moore said no. The Ten Commandments, and Judeo-Christian beliefs in general, he said, form the “moral foundation of our law.” A federal district court disagreed.

The court ruled that the monument “represents a governmental endorsement” and was a violation of the Establishment Clause of the First Amendment. The Ten Commandments conflict with the Supreme Court’s rulings on church-state separation.

Moore appealed the decision, lost and then disregarded a court order to remove the granite block. This was a clear case of a judge’s refusal to comply with the responsibility to uphold the Constitution. Moore’s move to place the Ten Commandments in a judicial building was a clear violation of the principle of separation of church and state. His subsequent refusal to comply should disqualify him from serving as a judge in the future.

There is also a broader issue to consider. Judge Moore argues that the Judeo-Christian tradition eventually led to the emergence of liberal democracy in America. This may have some basis in fact— I do not wish to argue the point here. However, I do contest the notion that the Ten Commandments form a foundation for America’s legal system today. At most, three of the Commandments apply.

The First Amendment to the Constitution explicitly rejects the kind of rigid, obey-or-be-damned language found in the First Commandment. “I am the Lord your God… Thou shalt have no other gods before Me.” On the contrary, the First Amendment guarantees my right to worship a graven image, an action explicitly forbidden in the Second Commandment. “Thou shalt take the name of the Lord thy God in vain…” Remember the Sabbath Day to keep it holy.” Again, the Third and Fourth Commandments do not form the basis of any law today. When you take the Lord’s name in vain, you may be sinning, but you’re not violating the law. And how many people do you know who regularly work on Saturday or Sunday (take your pick depending on whether you fall under the Judeo or Christian part of the Judeo-Christian equation)? Why isn’t there a law against that?

The same can be said of the Fifth, Ninth and Tenth Commandments, that cover honoring one’s father and mother, bearing false witness and coveting. No one can use you for fail-safe protection of your parents. I may not be able to lie about something under oath, but I can lie all I want to in my daily life. And when it comes to coveting other people stuff, Americans do nothing better. Indeed, the entire idea of a capitalist economy is based on coveting. I covet your car, your house, your market share and I’m going to do everything in my power to secure it for myself. Laws may prevent me from taking it outright, but they don’t prevent me from wanting it.

This brings me to the three Commandments that I think one could argue could form a basis in America’s legal system. Two are obvious, one perhaps less so. The Sixth, Seventh and Eighth Commandments, “Thou shalt not kill…” Thou shalt not commit adultery…” Thou shalt not steal,” are clearly embodied in law today. Murder and robbery are outlawed. Adultery, including sex between two unmarried people, is still technically illegal in many areas. But how many other societal norms not influenced by Judeo-Christian thought are there? If we turn to alternative yet equally compelling justifications for these precepts it is quite possible that these ideas reflect a fundamental human desire to keep what I have: my life, my spouse and those things in my possession.

The argument that the Ten Commandments form the “moral foundation” for American law is flawed. Therefore, they have no place in a government building.
Through the looking glass

Five-year curriculum best option for engineering

Ask most Georgia Tech students about their four-year trek to an engineering degree and all you get is blank stares and muffled giggling. The reason is not that they haven’t considered what it takes to complete their degree, but rather that the curriculum has steadily grown and changed until it can no longer be called a traditional four-year program.

Simple arithmetic on the number of hours required for a BS in ME or EE shows that a student has to average 17 hours per semester, which is a good deal more than the average student is willing to take. Toss in involvement in student organizations, intramurals and the co-op program or internships, and you’re typically looking at a full five or six years.

The most important aspect to redefining Georgia Tech’s engineering degrees as five-year programs is the opportunity to improve the quality of instruction that we receive.

The most important aspect to redefining Georgia Tech’s engineering degrees as five-year programs is the opportunity to improve the quality of instruction that we receive.

Georgia Tech (and many schools of her caliber) show a gradual trend towards reducing their student’s exposure to the fundamentals (core mathematics, physics, chemistry, etc.) in favor of more immediately applicable skills.

Sure, I like the idea of having more directly marketable skills when applying for jobs senior year, but not by a Faustian pact that trades specific skills upon graduation, for quick relearning of the basics for quick re-learning of the fundamentals.

With the emphasis being removed from the fundamental sciences underlying engineering, students learn far less in their major courses, and virtually nothing in their non-major classes.

I’ll admit I’m guilty of skimming my way through thermo just because I could—had I a better preparation in physics, I probably would have found the class more interesting and paid attention (students in my ECE3710 class, disregard the last comment). The ripple effect is that students are actually less prepared for their “more immediate employment” and will have to relearn fundamentals or simply proceed in ignorance. The better option is to stop squeezing out the fundamentals and redefine the system so that graduating in five years no longer carries a stigma.

What about the preparation for graduate school? I see a distinct disparity among those students in my classes who have adequate exposure to higher mathematics courses and those who do not. As a double major, my only task is to translate mathematical concepts into a form that I can begin grasping the desired engineering concepts.

Most international students are also well prepared in subjects that never see the light of day in U.S. schools, while students without proper preparation are basically up a creek trying to learn two or three courses of mathematics before even competing as an engineer. Quite frankly, a snowball has a better chance in Hades than teaching cryptography, heavy in applied number theory and algorithms, to a student who knows only smatterings of calculus and pseudocode.

There are obvious reasons that the curriculum will not soon be re-recognized as a 5-year degree: a Georgia Tech HOPE program that is already breaking the bank is only one. Re-gretfully, another is that professors whose only interest is to perform research get off easier by dumbing down their upper-level classes (I’ll address grade inflation another day). Appearing the masses with easy grades takes far less effort than preparing and supporting an interesting and engaging presentation of the material. These are not rambling or complaints from a bitter soul, but a call for re-evaluating a system to which I proudly belong.

Georgia Tech has sought ways to compete with schools like M.I.T. and Stanford, but it has the intrinsic liability of being a public institute, dependent on increasingly nonexistent state funds.

The administration is doing a wonderful job of propelling Georgia Tech into the 21st century as a top engineering university.

Many might disagree with what I just mentioned, yet my protest displays mere bits and pieces of the truth that many other residents have witnessed. I guarantee you this much. If this was caused by a mechanical error, then please, no more finger-pointing Housing personnel and staff.

The last issue I would like to stress was the frequency of fire alarms. On Sunday, August 24, I was awakened by a fire alarm at about 7:30 a.m. Later that same day, another fire alarm occurred around midnight. So far, there have been at least four fire alarms in Woodruff alone, according to my memory. This frequency is obviously too high. I am not blaming Housing for this, however, there must be a source of error. If the students, caused the alarm, then my fellow Woodruff residents must be more careful. However, if this was caused by a mechanical error, then please, no more finger-pointing and no more wishing that the system would fix itself.

Many might disagree with what I just mentioned, yet my protest displays mere bits and pieces of the truth that many other residents have witnessed. I guarantee you this much.

Spencer H. wong
gte098w
ME grad students create robotic helping hand for the deaf

With the annual flurry of activity that usually accompanies the beginning of the semester, many events, clubs, and organizations start to blur together. However, there is one new event this fall that is catching people’s attention—a night at Six Flags, exclusively for members of the Tech community.

The evening will take place Sept. 5 from 6 p.m. until midnight, when use of the park is restricted to individuals affiliated with the Institute. Student tickets are $10 until Friday, August 29, and may be purchased at the Ferst Center box office in the Student Center.

SGA has recently been heavily promoting the event, stressing that if at least 5000 students buy tickets, the entire park will be open. However, SGA representatives are confident that at the rate the tickets have been selling, they will reach that quota. After August 29, tickets may still be purchased, but for an increased price of $12.

Student reaction to the Six Flags event has been positive. Some students were surprised that Georgia Tech would organize such an event. Rohit Zacharia, an ME freshman, said, “I really did not expect the Six Flags trip, because what I heard is that this is a pretty studious and academically inclined school.”

Other students were equally as surprised by the discounted price. “Ten dollars is a great deal,” said CS sophomore Damien Perreira. “I really did not expect the Six Flags trip, and tickets to the Tech-UGA Football game areas. Parking is included in the price of the ticket. In addition, all students purchasing a ticket by August 28th will be entered into a drawing. Prizes include a free campus parking pass for one year, and tickets to the Tech-UGA Football Game.

The Student Government Association, Auxiliary Services, the Athletic Association and the Georgia Tech Student Life Fund provided funding for the trip. Without the special discount offered by Tech, regular admission to Six Flags is $40, with additional parking fees ranging from $10 to $12.

The majority of funding for the event comes from the Student Life Fund, an initiative of the Student Government Association to improve student life.

The fund started with $50,000 for spring semester 2003, and continues with $100,000 provided this year and next year. The Office of the President and the Office of the Provost provided the seed money for the fund.

Dr. Lee Wilcox, Vice President of Student Affairs, gave credit to the Student Government Association for promoting the student life fund.

“The Student Life Fund came out of the SGA’s desire to create an endowment for student life activities,” he said. The President and the Provost agreed to provide funds for three years in a row to help support the type of activities that SGA says are needed.

The Student Life Fund contributed $20,000 for Six Flags for the past three years. However, a late start put the event into this semester. Out of the $100,000 currently allotted for this year, $40,000 was given to Ramblin’ Nights, $10,000 to A$SU for a speaker, and $30,000 for a large concert. The rest of the student life funds were saved for spring events.

The Student Life Allocations Board evaluates what proposals should be funded by the Student Life Fund. Four students nominated by student government and two students nominated by Wilcox serve on the board.

Long term goals for student life include raising $5 million in endowments to provide approximately one million dollars each year in student life funds. The current funding scheme only allows funding until the end of fiscal year 2003.

SGA Campus Affairs Vice President Ben Lawder worked with former SGA Undergraduate President Tiffany Massey to develop the Six Flags trip last year and currently serves as the primary organizer for the event.

Lawder believes that the trip will help strengthen the Tech community, saying “every person walking through the theme park next Friday will be connected to Georgia Tech in some way, and I’m thrilled that we are able to connect so many different groups—students, faculty, staff, alumni, families and friends.”

Although Lawder has worked with many persons and organizations to create the event, the administration acknowledged his efforts in implementing the trip. “I give him a lot of credit for getting this going and keeping it alive... the whole fund was his idea, and the Six Flags trip was something he really wanted to work on,” said Wilcox.

Many students agree that having larger programs is a more effective means of improving student life. “People are more inclined to go if more money is spent. It’s not about spending money on something that’s really cool... as opposed to lots of little stuff that people aren’t going to make the effort to go to,” said IE major Sophia Voychehovski.

For more information, check out www.sixflags.gatech.edu.

**by Jay Reinebold**

Contributing Writer

Laboratories often conjure up Hollywood visions of smoke, mechanical contraptions, circuitry and robots, but several Mechanical Engineering graduate students have made this vision a partial reality.

Damien Gaudry, Cindy Perreira and Russell Marzette have developed a mechanical hand which can perform various sign language motions, such as the first few letters of the alphabet and the numbers one through five.

Robots may not yet know how to talk effectively, but these students have created a hand which can be used to communicate through sign language.

The hand was constructed in the ME 6407 class—Mechatronics. The project cost nearly $1,200 to construct.
The fall semester has rolled in, which means that student attention turns to textbook purchasing at the campus bookstore. Though most people equate textbooks with money, have you ever wondered what goes into making one?

Many Tech professors have written, co-authored or collaborated to produce textbooks. Dr. Toby F. Block, co-author of Chemistry: Science of Change, 4th Edition, and Dr. Anthony Hayter, author of Probability and Statistics for Engineers and Scientists, two popular textbooks on campus, recently gave a behind-the-scenes look at textbook creation.

Step 1: The author is inspired and/or encouraged to write the book.

Hayter, who teaches ISYE 3770 (Statistics & Applications), remembered the difficulties he faced with the material as a university student and felt that a book with his own approach to the material would help his students overcome similar obstacles.

“It’s a topic that... a lot of people find confusing,” he said. His approach to writing a textbook, then, involved “getting to the heart of the matter, eliminating material that’s superfluous, and presenting it in a structured way that makes it easy to learn.”

Block, by contrast, first became involved with Chemistry by writing an accompanying lab manual to an earlier edition. When one of the original three authors of the textbook passed away, “I wrote them a very detailed review [of the book], addressing what I thought were their strengths and weaknesses, and they asked me to come in as the third co-author.”

She accepted the invitation, seeing an opportunity to correct some of the flaws she observed and, like Hayter, a chance to impose her own approach to the material. She also felt that Tech students would benefit from a revision more of their caliber.

“It’s a book that assumes that people are comfortable with math and science,” Block said, “and also [that] people want a book that will challenge them, that will show them tools that they will be able to use... later on.”

Step 2: The author plans out the book and coordinates his or her efforts with the appropriate people.

Hayter also received encouragement and support, in his case directly from the publisher. He planned out the book’s scope and discussed it with his editor, who approved it. “Then it was just a question of following from what we agreed,” Hayter said.

Block, writing with a team, had to plan out and coordinate her revisions with the other authors throughout the writing process. “We divided up the chapters, and... there would be sort of a lead writer, and we would be exchanging the chapters until we all came to the agreement as to how we wanted it to read,” she said.

Chemistry was written in Word and sent between authors as e-mail attachments—“really big e-mail attachments,” recalled Block.

Step 3: The author writes the book.

Writing a textbook, according to Hayter, requires a considerable amount of perseverance, discipline, and stamina. It took Hayter three years to write and publish the first edition. “The trick is to keep going and going,” he said, “and then, after... several years, you find yourself writing the last paragraph of the last chapter.”

“The trick is to keep going and going... and then, after... several years, you find yourself writing the last paragraph of the last chapter.”

Dr. Anthony Hayter
ISYE Professor

...several years, you find yourself writing the last paragraph of the last chapter. She also felt that Tech students would benefit from a revision more of their caliber.

“It’s a book that assumes that people are comfortable with math and science,” Block said, “and also [that] people want a book that will challenge them, that will show them tools that they will be able to use... later on.”

Step 2: The author plans out the book and coordinates his or her efforts with the appropriate people.

Hayter also received encouragement and support, in his case directly from the publisher. He planned out the book’s scope and discussed it with his editor, who approved it. “Then it was just a question of following from what we agreed,” Hayter said.

Block, writing with a team, had to plan out and coordinate her revisions with the other authors throughout the writing process. “We divided up the chapters, and... there would be sort of a lead writer, and we would be exchanging the chapters until we all came to the agreement as to how we wanted it to read,” she said.

Chemistry was written in Word and sent between authors as e-mail attachments—“really big e-mail attachments,” recalled Block.

Step 3: The author writes the book.

Writing a textbook, according to Hayter, requires a considerable amount of perseverance, discipline, and stamina. It took Hayter three years to write and publish the first edition. “The trick is to keep going and going,” he said, “and then, after... several years, you find yourself writing the last paragraph of the last chapter.”

Yet for Hayter, the writing itself wasn’t difficult. “In terms of actually getting the material down on the page, it’s very similar to just giving a lecture, and the vocabulary you use as a lecturer just kind of comes through,” he said.

Authors are also responsible for collecting many of the accompanying graphics and illustrations to enhance the text. The photographs and diagrams in Chemistry were, according to Block, accumulated from other professors, an image database and a variety of other sources.

And, of course, there are the exercises and problems. Hayter wrote and solved all of the questions included at the end of each section and chapter in his book.

Block added to and refined the existing problems extensively based on her preferred style of problem-solving. “I like my students to get a feel for how things will vary when the equilibrium changes value... so I like to do a lot of problems like, what is the pH of 10 molar, what is the pH of 100 molar, 1000 molar, etc... seeing the problem in context, seeing what happens to it as you vary the number.”

Block had the added difficulty of clashing with her colleagues over the book’s material and presentation. For example, Block often had to restrain her co-authors from including overly complicated concepts in the text.

“Oxtoby is a physical chemist—very, very intelligent—and sometimes he might want to be more exacting in an explanation,” Block said. “It...”

By Charles Frey / STUDENT PUBLICATIONS
The Barnes & Noble at Technology Square has a shelf full of books by campus authors, which include numerous textbooks written by Tech professors from almost every department and major.

pick up a copy of the technique every friday

By Joshua Cuneo
Senior Staff Writer

Tech professors: masters in art of textbook writing
Bioengineering complex grows with two new additions

With the dust still settling in the Whitaker and ES&T buildings, the Technique’s Anne Wilhoite takes a self-tour of the results.

By Anne Wilhoite
Contributing Writer

Georgia Tech finished construction on two major buildings this summer: the Whitaker Building for Biomedical Engineering and the Environmental Science and Technology Building, both located on the corner of Ferst and Atlantic Drive.

U.A. Whitaker Building

These buildings reflect the innovativeness of one of the main departments they house, Tech’s young biomedical engineering program, actually a joint program between Tech and Emory. By using the resources from both of these prestigious universities, Tech’s biomedical department is a powerhouse for research and education.

Approaching the building, one is taken aback by the gaping windows that cover almost the entire structure. When entering, some vestiges of construction remain on the floors and walls, but the debris is hardly noticeable compared to the bright yellow walls, the fresh light pouring through the windows, and the sound of vibrant chatter coming from upstairs. The large windows give a fantastic panoramic view of campus.

On the second floor, green paint covers the walls in a circular hallway filled with offices. When I saw the first open door, I entered and introduced myself to Wendy Newstetter, the Director for Learning Sciences Research.

Newstetter was very eager to tell me all about the new building, and she even offered to take me on a personal tour. She said, “I’m giving you this tour because we’re so proud of the new building.”

Dr. Wendy Newstetter
Director for Learning Sciences Research

These small rooms actually have writable walls, and students gather in the room to solve long and confusing problems, writing all over the walls and sometimes taking weeks to find solutions. Since this methodology is so new, the rooms have adjoining observation rooms for those who wish to learn more about problem-based learning without disturbing the students at work.

Augustin Lune, a BME senior and self-proclaimed “individual who spends the most time in the biomed building,” had nothing but positive words to describe his experiences in the new building.

“This place is more work-oriented,” he said. Since he previously spent most of his class time cramped in offices spread throughout campus, Lune now feels like he has a place to go when he needs to do research and work. “I have a home!” he said.

Ford Motor Company Environmental Science & Technology Building

From the outside, the ES&T building looks very much like the Whitaker building, with its large windows and modern architecture. The most impressive part of the building is the Gossage Atrium, an open area with light penetrating through windows that covers an entire side of the building.

Students can gather in the atrium...
has to be broken to him that, well, no... you can't put that on first-year students.

Toby Block
Chemistry Professor

“Octoby is a physical chemist—very, very intelligent... It has to be broken to him that, well, no... you can't put that on first-year students.”

Toby Block
Chemistry Professor

“I had developed new examples that I wanted to put in, and a few extra topics that I wanted to put in, and take a few things out that had kind of been modernized a little bit,” said Hayter.

And by that time I had a lot more problems that I could add at the end of the sections and chapters.

Again, you're trying to refine things as needs change,” said Block.

“The fourth edition was where we tried to be more user-friendly... We introduced an algebraic method for solving equations. That’s where we put in the checks and the strategies.”

Block also helped introduce a numerical analysis approach to the material. “Very often you can’t solve things exactly, so we began to talk about using numerical analysis to find ways to solve solutions when you couldn’t solve exactly and then, in that was very valuable, because I think the engineers spend a lot of their time in non-ideal situations, so they have to estimate,” said Block.

Textbook authors also pay attention to feedback from their customers. “Sometimes people make revisions to the next edition to better satisfy the book’s intended audience.”

She and the other authors made a number of changes for the new edition, changes typically made when another edition is introduced.

“We shifted material around, we rewrote to try to make things more pealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.

“We shifted material around, we rewrote to try to make things more appealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.

“We shifted material around, we rewrote to try to make things more appealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.

“We shifted material around, we rewrote to try to make things more appealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.

“We shifted material around, we rewrote to try to make things more appealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.

“We shifted material around, we rewrote to try to make things more appealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.

“We shifted material around, we rewrote to try to make things more appealing, more readable,” she said. “In addition to just giving the solution, we gave a strategy, we gave a check so that people could begin to see those things for themselves.”

“That’s the kind of thing you hear from people who are using the book,” said Block.
Hand

from page 11

There were a lot of late nights, a lot of all-nighters that were put into this... Especially the last week when the project was due.”

Damien Gaudry
ME grad student

Since wiring and programming are not a huge focus of mechanical engineering, students of the mechatronics class often have to learn outside of their majors to pick up the skills necessary to succeed. Such work required time, and several all-night building sessions were needed in the final weeks of the class to ensure the quality of the final product.

Members of the construction team see the hand as part of a new way to educate elementary school students on how to communicate through sign language. “Our goal was to design for younger children, to teach the sign language,” said Gaudry.

“Up until now, such learning has been confined to flipping through a book. Using the new robotic method, elementary school students can observe the various signs directly.

Getting to use a robot for learning is likely to increase interest levels in students, who up until now may never have been aware of both the complexity of mechatronics and the usefulness of sign language.

This in turn could help deaf students learn to communicate effectively with a larger portion of society, as students learn new languages easiest when they are younger. Such developments may give an all new meaning to the phrase “talk to the hand.”

There were a lot of late nights, a lot of all-nighters that were put into this... Especially the last week when the project was due.”

Damien Gaudry
ME grad student

Since wiring and programming are not a huge focus of mechanical engineering, students of the mechatronics class often have to learn outside of their majors to pick up the skills necessary to succeed. Such work required time, and several all-night building sessions were needed in the final weeks of the class to ensure the quality of the final product.

Members of the construction team see the hand as part of a new way to educate elementary school students on how to communicate through sign language. “Our goal was to design for younger children, to teach the sign language,” said Gaudry.

“Up until now, such learning has been confined to flipping through a book. Using the new robotic method, elementary school students can observe the various signs directly.

Getting to use a robot for learning is likely to increase interest levels in students, who up until now may never have been aware of both the complexity of mechatronics and the usefulness of sign language.

This in turn could help deaf students learn to communicate effectively with a larger portion of society, as students learn new languages easiest when they are younger. Such developments may give an all new meaning to the phrase “talk to the hand.”

Since wiring and programming are not a huge focus of mechanical engineering, students of the mechatronics class often have to learn outside of their majors to pick up the skills necessary to succeed. Such work required time, and several all-night building sessions were needed in the final weeks of the class to ensure the quality of the final product.

Members of the construction team see the hand as part of a new way to educate elementary school students on how to communicate through sign language. “Our goal was to design for younger children, to teach the sign language,” said Gaudry.

“Up until now, such learning has been confined to flipping through a book. Using the new robotic method, elementary school students can observe the various signs directly.

Getting to use a robot for learning is likely to increase interest levels in students, who up until now may never have been aware of both the complexity of mechatronics and the usefulness of sign language.

This in turn could help deaf students learn to communicate effectively with a larger portion of society, as students learn new languages easiest when they are younger. Such developments may give an all new meaning to the phrase “talk to the hand.”
Blue Man Group gives Civic Center Complex Rock

By Art Seavey

On tour for their second album the trio joins with Tracy Bonham and Venus Hum to innovate modern music.

“Range” relies on old standards

By Brandon Wilborn

Despite training as a classical performer, Costner should know enough of the old tales as a thoroughly postmodern performer. Their show, often involving inane acts such as seeing how many marshmallows they can catch in their mouths, leads people to wonder, “Why should I pay money to see this?”

Those doubts are swiftly cast aside. Famous for their Vegas Stage trio, the Blue Man Group has jolted to the forefront of entertainment by presenting their odd talents as a thoroughly postmodern performance. Their show, often involving inane acts such as seeing how many marshmallows they can catch in their mouths, leads people to wonder, “Why should I pay money to see this?”

The Blue Man Group, which visited Atlanta earlier this month, made the audience feel as if they were part of the show. In one song the men donned air powered canons shooting confetti and ribbon all over the crowd.

Vinyl offers comforting mix of lounge, live music

By Julia Trapold

Aftter living in Atlanta for several years, a change of scenery— and in this case, music venue—is always a good thing. I had heard of Vinyl when it opened, but I never took the time to go. When a favorite local band of mine was playing there a few weeks ago, I got the motivation I needed to check it out.

Vinyl is located on West Peachtree Street under Earthlink Live. Its large front door opens up to a dimly light bar with trendy decorations and furnishings.

Vinyl records line the entry and columns inside, and the walls are painted a deep red. The bar is located immediately to your right after walking in, separated from the stage and seating areas. There are numerous options of seating. Plush couches are available for those intimate conversations, as well as large tables for groups.

Also, if you’re bored between bands, there are pool tables in the back.

The stage is a good size for such a small venue, and when bands aren’t playing, a large projection screen drops down for extreme sports viewing (or, when I was there, preseason football).

Vinyl provides a well-rounded selection of bands. The first band I saw was a punkish-pop band, which was actually quite good and definitely entertaining.

The second band changed the mood with a good mix of funk and instrumental music.

If the great music and atmosphere doesn’t draw you there, maybe their drink specials will. On Thursdays they have PBR specials and $3 cosmos, which may be appealing to some. They also have a full menu until 10 p.m.

Vinyl is a mix between a Midtown lounge and a Highlands live-music venue. Being a fan of both, I really enjoyed my night out at Vinyl and recommend it fully.

Vinyl is located at 1374 W Peachtree Street. Their cover charge is $5. For more information, including upcoming musical artist names, visit www.vinylatlanta.com or call 404-885-9198.

Range offers predictable Western formula

By Brandon Wilborn

With mediocre lines and an uneventful plot Open Range fails to deliver despite a promising cast including Annette Bening and Michael Jeter.

The voluminous smoke that eerily filled the venue obscured the eager audience’s view of the stage. Families of black lights powdered the cyclorama painted with details of the landscape of a modern metropolis. Without warning, Tracy Bonham strolls from the wings to open the night at the Civic Center for the peculiar, enigmatic blue trio.

“Range” relies on old standards, isn’t any spectacular fights chois¬ing to copy. There are few computerized effects. By Brandon Wilborn

Incoherent Scribblings by Matt Norris

Check it...

What's that?

I, my friend, have started myself an indie rock band. Furious Nut Salvo! That happens to be our new EP. Check out the song titles...

1. Emo Kids (Stop Yer Cryin')
2. Bullet Train to the Bookstore
3. Ratio Girls
4. Aux Services
5. Skiles

Brain Shade Redux (Smooth Jazz Remix)... this is great, Magnus...

Just wait till you see the live show!

Technique
Making Friday Lectures More Interesting
Kings of Leon debuts, breaks routine music mold

By Vivian Vakili
Senior Staff Writer

In a world filled with what seems like a consecutive lineup of crappy band after even crappier band, come Caleb, Matthew, Jared and Nathan. These four men form the group that currently holds the top spot as the best new band in recent memory—the Kings of Leon.

In their debut album, “Youth and Young Manhood,” they prove that indeed there is a needle in the haystack, a diamond in the rough, a reprieve from TRL hell. The chemistry of this band is undeniable, and it is in fact a sort of explainable chemistry—evident by their last names. The band is composed of three brothers and their cousin. And they are not a product of teenage angst, or garage-rock or a will to complain about absolutely everything that did not go their way. They are storytellers—young Dylans maybe, or a blossoming Led Zeppelin. The comparisons are grandiose, yet they are founded. Simply put, their focus seems to be on the music and a graceful telling of life’s twists and turns.

So what type of album is this? Rock, as pure as it gets. Guitar, bass, drums and piano are put together in an unassuming manner. It is not until one has listened to the album and been shocked by its potency that a desire to look back at how such compelling chords were composed is realized. And the vocals do not scream or shout or make one think other unbecoming thoughts until one has listened to the album and been shocked by its potency. The vocals do Caleb’s voice. Each line makes one sympathetic, but feels as though the characters are personal friends.

Perfectly positioned after “Joe’s Head,” telling the story of a particularly memorable girl. The music alone for “Trani” has the ability to bring tears to one’s eyes. Never mind the fact that ten minutes before, the listener was filled with anger and ten minutes later, he will be filled with inexplicable happiness.

Other tracks that stand out include “Genius,” “Dusty” and “Holy Roller Novocaine.” “Genius” begins with an astonishingly simple bass line that serves as underlay for the rest of this fast-paced song. It is a sort of anthem about the over-celebrated.

“Dusty,” with lines such as, “I’m looking for something to sink in my teeth without any crying—but I can’t find no place or nothing where thrills are cheap and love is divine,” has the same calming after-effect as “Trani.”

“Holy Roller Novocaine” has a sort of suspicious feel to it at first—the listener instantly knows there are multiple plots to this incredibly well-composed song. The Kings of Leon are smart, very smart. Their songs are not only intelligent, but also very pleasing to the ear. And it’s not a guilty pleasure—the songs actually are well-written and the musicians really are musicians.

Their debut album could not be better named than “Youth and Young Manhood,” as it acknowledges that this is but the beginning and they will be presenting albums reflective of a life progression. They are incredibly humble and have left praise to the professionals. Rolling Stone named them the third best band to watch this year. I’ll call them the first.

Rating: 5 out of 5 stars.
Kevin Costner tries to relive the success of Dances with Wolves. His less than stellar past performances seem not to hinder his acting ability for this latest Western movie undertaking.

the town doctor. She is the flower on the cactus, the virtuous sophisticate among the pretentious hicks of the town. There always has to be one.

As far as acting goes, Costner, black labeled for his acting, does surprisingly well in this film. Perhaps because his character lets Boss do most of the talking, Duvall carries his (grand)fathery warmth into this role as he worries for everyone younger than himself.

And Bening plays the spinster nurse with little depth. I suppose like other Westerns, this one assumes that women are simple and without parrying. But much of the fighting is off-screen. The first brief conflict we see is an hour in, the attack on the free-rangers, and the murder of Mose is happening elsewhere.

"Like old tragedies, we only see the result. The violence isn’t necessary; it’s the anticipation of the showdown that creates drama.

Along with tension the classic Westerns had a solid, gut knowledge of right and wrong, even if right means shooting someone in the face. Open Range does capture this feeling. There is no litigation here. Right is still right, even in the fading west that “Range” presents. "A man has the right," Boss says, "to protect his property and his life." Sounds like a Constitutional idea. But the specifics seem hazy lately, even contradictory.

Kevin Costner tries to relive the success of Dances with Wolves. His less than stellar past performances seem not to hinder his acting ability for this latest Western movie undertaking.

But the movie also has some good dialogue and unexpected humor. And the broad, paintings views of pasture and forest are like a tourism video for Montana. What violence is in the film is robust, stout and fierce enough to kill Boss’s character. He was that eliminate plot.

Cowards throw sound punches with little parrying. But much of the fighting is off-screen. The first brief conflict we see is an hour in, while the attack on the free-rangers, and the murder of Mose is happening elsewhere.

"Like old tragedies, we only see the result. The violence isn’t necessary; it’s the anticipation of the showdown that creates drama.

Along with tension the classic Westerns had a solid, gut knowledge of right and wrong, even if right means shooting someone in the face. Open Range does capture this feeling. There is no litigation here. Right is still right, even in the fading west that “Range” presents. "A man has the right," Boss says, "to protect his property and his life." Sounds like a Constitutional idea. But the specifics seem hazy lately, even contradictory.
Echo Lounge (515 Flat Shoals Rd.)
(404) 681-3400
www.echotatic.com/echolounge
8/29 Shonen
8/30 The Rocket Summer
9/04 Sparks
9/05 Bill Mallonese CD Release Show
9/07 The Kills
9/12 Independents
9/19 Scenic Dreamers
9/20 Iseu Eruza

Cotton Club (132 Luckie St.)
(404) 681-1293
www.atlantaconcerts.com/cottonclub.asp
9/03 Atenyu
9/05 A Special Evening with Lisa and Dweezil
9/06 The Hoo
9/08 Bosney
9/13 The Dilettist
9/15 Black Rebel Motorcycle Club
9/17 The Dandy Warhols
9/19 Doubleniner
9/21 Damien Rice

The Earl (488 Flat Shoals Ave.)
(404) 522-3950
www.theearl.com
8/29 Blanken Blank, Shaggod, Brat
8/30 The Kingsbury Manx, Tabatha, Snowden
8/31 dunch with the Groundhaws
9/04 Sunday Drive By, Tragic Plastic, Uncome: The Musical
9/05 Hex Error, New Brutalism, Stuckfigur
9/06 Michelle Malone and the Low Down,
Georgia Revue CD Release Party

Variety Playhouse (1099 Euclid Ave.)
(404) 521-1786
www.varietyplayhouse.com
8/28 The Red Pix
8/29 David Olney
8/30 Richard Brinkell
8/31 Donia Roberts 3rd Annual Birthday Party Show
9/04 Sugafland
9/05 Walthouse Aths
9/11 Morganaw
9/12 Yo La Tengo

9/13 Jay Farrar
The Masp dragan (695 North Ave.)
(404) 577-2007
www.masp.com
8/29 Sixth Annual Beer Olympics Day One
8/31 Sixth Annual Beer Olympics Day Two,
Fall Out Boy, Acceptance, Trouble Is
9/01 WERFG Blues BBQ
9/05 Hock of Seagulls
9/06 Lazes
9/11 Type O Negative
9/14 Andrew WK
9/15 Thursday
9/20 The Starting Line
9/23 Poison the Walls
9/24 Samad
9/25 Superdiamond

Star Bar (437 M oreland Ave.)
(404) 681-9018
www.starbar.net
8/29 The Doll Squad, Hillbilly Werewolf,
Groxy Bear
8/30 Tijuana Hercules
9/01 Fifteen Minutes of Fame Karaoke
9/02 Funk Enos
9/05 Dismaywer
9/05 Groove
9/06 The Subsonics
9/07 the Bigaddition

CJ’s Landing (Buckhead Ave.)
(404) 237-7657
www.cjslanding.com
9/19 Spy
9/13 Five Star Iris
9/12 Thomas Reid
9/11 Five Star Iris
9/11 Funk Disco
9/11 Fifteen Minutes of Fame Karaoke
9/11 Type O Negative
9/14 Andrew WK
9/15 Thursday
9/20 The Starting Line
9/23 Poison the Walls
9/24 Samad
9/25 Superdiamond

AtlantaConcerts.com
(404) 681-9018
www.atlantaconcerts.com/cottonclub.asp
9/05 A Special Evening with Lisa and Dweezil
9/03 Atreyu
8/30 The Rocket Summer
www.badearl.com
(404) 522-3950
www.variety-playhouse.com
(404) 521-3600
www.echostatic.com/echolounge
(404) 875-1522
www.smithsoldierbar.com
(404) 688-1193
www.echostatic.com/echolounge
(404) 681-3600
(404) 577-2007
http://www.neatlounge.com/echolounge
(404) 875-1522
(404) 577-2007
(404) 681-3600
www.cottonclub.asp
(404) 681-9018
www.echostatic.com/echolounge
(404) 681-9018
(404) 681-9018
www.variety-playhouse.com
(404) 681-9018
(404) 875-1522
(404) 577-2007
The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

Powerful, yet clean, she sings with a soul like none other.
Her set was diverse, offering ups and downs, but it was dragged out too long for an opening act.
Later she accompanied the Blue Man Group on stage to perform a few of their original works. Despite molding perfectly with the group to begin with, she closed her night with an lukkaster rendition of The Who’s “Teenage Wasteland.”
Backstage it’s easy to miss her. She greets people with a gleam in the eye and a smile and gracefully melds into the background leaving the audience shocked.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

Beware of the Blue Man Group. They say the environment in which they dwell thoroughly affects their music. Armed with several books and keyboards their sound is fresh, but quickly polarizing.
Powerful, yet clean, she sings with a soul like none other.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.

The Blue Man Group combines traditional instruments with oddities like PVC pipes and open pianos to form a unique but recognizable rock sound. They also maintained signature elements from their popular Vegas show.
Well loyal readers, all five of you, it is that time of year again. The beginning of fall semester has come and with it the soul-crushing realization that, “yes, Virginia, you are at Georgia Tech, and, by the way, there’s a major project due next week.”

It is a time to see old friends and for many, get acquainted with your new roommate, a person who you will, by the way, hate with the fiery, burning passion of a thousand suns before this year is out. But I digress, perhaps that’s a story for another Two Bits.

Also, for most of you out there in Georgia Tech-land it means many a sleepless night pondering the question of whether or not the designer of your particular dorm was aware that its residents would be paying actual money—none of that monopoly crap—to stay there. It has been rumored the architect for Alcavity, also known as “the room, which probably looks like it has been rumored the architect for Alicavity also designed East Campus. Believe it.

While taking stock of your dorm room, which probably looks like it began its existence as a walk-in closet, those of you who have lofted beds may notice the ceiling seems to be, well, physically in contact with the surface of your mattress. Do not worry. Teams of scientists, who are, I’m told, technically doctors in Mexico, have taken great care to ensure that you will have a whole two maybe even three inches of clearance in which to slide into bed.

But that is not all. From the relative comfort of your dorm room or a like-to-call-it, the direct result of going with the lowest bidder, you will probably find yourself in need of a trip to your legendary public toilet facilities.

Winning many coveted awards, just like our dining halls, they are renowned far and wide for their exquisite cleanliness or, rather, lack thereof. The thoughts that pass through your head during these outings may include:

"Why do only two of the six shower heads work?"

"What was that yellow stuff?"

"Dear God, what did I just step in?"

It is however, best not to dwell too much on such things as the answers to these questions are so terrible that they would blow the socks clean off your newly gangrenous feet.

For all of you out there stuck with a living space that more closely resembles a car trunk than a room, you have my sympathies. For everyone dealing with grey, metal prison furniture that’s been bolted to the ground (apparently the theft of such stylish items was anticipated by the Housing Department), I extend my most heartfelt condolences.

And, finally, for anyone who has ever had the distinct pleasure of walking into your floor bathroom barefoot, I shed a single, silent tear just for you, while I sit upon my private toilet, sheltered deep within my palatial Woodruff quad.

Welcome home, kids. You know you love it.

And no I’m not being sarcastic. Well maybe, decide for yourself. But seriously, yours truly is one who’s glad to be back at Ma Tech. The place grows on you, like the topplings on the desserts a Brittain.

Take a look one of these weeks. It starts out as a simple, safe, supposedly nontoxic chocolate brownie on Monday. Then by Friday there’s such a wonderful variety of toppings its as if they forgot to re-stock and the attending attendant missed the location of salad bar.

That’s when the realization comes, its the same brownie from five days ago. Delicious.

By the way, these same scientists were the same who decided to forge including any sort of guard rails on those beds because, apparently, a late—night fall from a bed at a height of six plus feet onto a placed—perfectly—to—shatter—your—spinal—column chair wouldn’t really be all that bad. But the reason is not all.

Though the beginning is slow, full of explanatory dialogue and character development, the pace quickens thereafter. With a short learning curve of about half an hour, the game is easy to learn, and a joy to play. All gamers will enjoy the brilliant color range, and perhaps even more surprisingly, the excellent soundtrack. No more beeps and blips; Golden Sun delivers music to the ears.

Simple control interface prevents players from becoming bogged down in controlling the play, and leaves them free to explore the land while on their quest. The dialogue is simple but engaging, allowing players to become absorbed in the world as they travel from town to town meeting villagers and defeating enemies.

Game play revolves around Isaac, a young boy who, like many others around him, possesses special almost magical abilities. Isaac undergoes a tragedy and resolves to remedy the poor situation in his part of the world. Throughout the game, Isaac meets others who join his party and his quest of good.

An interesting twist on the game derives from the hidden complexity built into the magical abilities. Each character possesses certain types of powers, but these can be increased and expanded through battles and by acquiring magical pets, of sorts, that further bestow magical powers.

Different combinations of pets and characters yield entirely different power combinations. What would have been a single layer game thus becomes much deeper and multifaceted. The usual puzzles abound, and in varying degrees of difficulty. Even experienced gamers can lose an hour circling an area searching for the next attack approach. Happily, though, the puzzles are straightforward enough without offering too much help from character dialogue, a welcome blend of exploration and observation.

Uncommon to most role playing games, Golden Sun offers a multiplayer mode in which friends can link up and battle head to head. The multi-player mode also works as a one person mini game in which the player can create battle scenarios and fight enemies in various combinations for a bit of a challenge.

For those not owning a Game Boy Advance, don’t acquire one solely to play this game but for those that do, this is a title sure to be around for some time and would be a worthwhile purchase for anyone looking to fill a few happy hours.
Improved CRC makes permanent home possible for Tech swim teams

By Michael Clarke
Contributing Writer

The new Campus Recreation Center (CRC), formerly known as the SAC, opened on August 18. The CRC features many improvements over the former SAC. The new CRC now features an elevated cardio track above the basketball courts on the fourth floor. The number of basketball courts has increased and there are separate rooms for aerobics, weights and the boxing equipment.

The CRC is also be the new home of the Georgia Tech Swim Team. “I’ve seen pictures of what it would look like for months, but it has surpassed my expectations. The facility is just beautiful,” said coach Seth Baron. “The new facility is a major piece of the puzzle and is vitally important to help draw recruits.”

For the past two seasons, the men’s and women’s swim teams have had to practice at the “bubble pool.” The divers have had to practice at Emory’s diving well. All of the home meets the past two seasons were also held at Emory. Tech swimmers will host seven meets this year. The first meet will be held in October against ACC rival North Carolina State. Later in the season, the teams will be hosting a meet against University of Georgia’s mens and women’s squads.

The swimmers now have their own varsity locker rooms now instead of sharing facilities with other patrons. Baron said the swimmers are “excited about the new facility.” “Their reaction towards it has been phenomenal as it has surpassed even their expectations for what it would look like,” said Baron. The facility will also be a great place for the team to “just lounge around after and in-between classes.” The team held their first practice in the facility on Monday.

“The facility is one of the top five facilities in the United States,” said Baron. “It is also definitely the top facility within the conference.” The competition pool is “one of the fastest in the world.” The pool was used in the 1996 Olympic Games.
Pro Athletes
from page 30

class of 2001, Mark Teixeira never graduated from minor league base-
ball. Never making it past AA ball, he proved to manager Buck Show-
alter he wanted to make the grade, saying "coming into the spring, I
wanted to make the team. I was out there trying to make the team from
the beginning. If I didn't, I'd be cheating myself." Landing the 1B
job with veteran Rafael Palmeiro through a stellar spring, his 2003
totals as of July 31 are a .254 batting average, 15 homers and 49 RBIs –
top 5 in all categories among quali-
fied rookies.

Enjoying the best season of his
six year Major League career, Jay
Payton has produced a .367 batting
average with 13 home runs and 52
RBIs and become a pivotal member of the Rockies’ bid for a wildcard spot. While at Tech, Payton was one of the most prolific batters in
Jacket history setting the record for
most at-bats in a season (297), best
batting average (.434), most base
hits in a season (129), most doubles
(27) and triples (12) in a season, most triples in his career (22), most
RBIs in a season (102) and most
total bases (224). K r i s
Wilson, a major leaguer for 4 years, has been a Royal his whole career, cumulating a 15-7 W-L record and a lifetime 5.28 ERA in 218 innings pitched. Kris is a finesse pitcher who
recently got promoted to a starting
role when fellow pitcher Albie Lo-
petz went down with a groin injury. Wilson is 5-1 with a 5.18 ERA so
far this season.

Tech’s basketball program has
produced a handful of respectable
players, along with perhaps the most
famous athlete to ever take a step on
Skiles Walkway (even if it was only for a semester) – Phoenix point guard
Stephon Marbury. There was not a
soul in the history of Tech that rocked
the house quite like Starbury rocked
“The Thriller Dome” the winner of
‘95-’96, leading the Jackets deep into
March Madness and an end of sea-
son rank of no.13.

In 36 games as a Jacket, he aver-
aged 18.9 points and 4.5 assists a
game earning him the 4th overall
pick that spring. Seemingly a trend for Tech basketball players who are
dubbed ACC Rookie of the Year, Marbury bolted out of the North
Avenue Trade School for the draft bolstering heavy bid with the honors of All-ACC First Team, ACC All-
Tourament Team Pick, and Na-
tional High School Player of the
Year tucked under it. Making the
All-Rookie team in ’96-’97 with 15.8
points and 7.8 assists a game, his
totals have progressed to 22.3 points
and 8.1 assists per game as an 8-year
veteran.

The older of the two Harpring
siblings associated with Tech bas-
ketball, Matt was known at Tech
for his intensity and fiery attitude.
A player with a lot of heart, Matt
became only the second player in
Tech history to earn All-ACC First
Team honors three times. He was
also the second-leading career scor-
er and second-leading career re-
bounder at Tech with 2225 points
and 997 boards, respectively. To
culminate his collegiate career, Har-
ping averaged career highs in points-
per-game with 21.6 and rebounds-per-game with 9.4 as a
senior along with getting his jersey
number 15 retired in his final regu-
lar season game. Only last season
did Harpring finally come mature
into a reliable small forward averag-
ing 17.6 points- and 6.6 rebounds-
per-game with the Jazz.

Other Tech basketball alumni include legendary guard and future
Hall of Famer Mark Price, John
Salley, a true Tech graduate who
has a television career outside of
basketball, Kenny Anderson, who
led Tech to the Final Four in 1990
and was another ACC Rookie of
the Year to bolt early for the draft,
and the now-retired Dennis Scott,
who was part of the “Lethal Weap-
on 3” unit with Anderson and Brian
Oliver that led Tech to the Final
Four.

Undoubtedly Tech’s most dom-
inant program over the span of its
century-plus existence, the football
program has brought home three
national titles (1917, 1928 and 1990). Along with 15 conference champi-
onships and a coveted 20-11 record
in Bowl games, the program is asso-
ciated with such names legendary
coaches John Heisman, after whom
the trophy that is awarded to the
most valuable college football play-
er is named, and Bobby Dodd.

Among the most elite Tech alum-
ni taking their skills to the pro level
include LB Keith Brooking of the
hometown Atlanta Falcons, WR Dez
White of the Chicago Bears, S Lee
Flowers of the Denver Broncos, DE
Marco Coleman of the Jacksonville
Jaguars and RB Dorsev Levens of
the New York Giants.

The all-time leader in tackles at
Ma Tech with 467, Croweta Coun-
try native Keith Brooking recalls his
journey through Georgia as “unbe-
atable the way it worked out. Playing
high school ball in Atlanta, going to
college and playing in Atlanta, and
then ending up with the Atlanta
Falcons; it’s a dream come true.”
Now one of the premier linebackers in
the game, Brooking just recently
was awarded with a six year deal to
keep him in Atlanta earned through
this stellar statline through the last
two years: started all 32 games, 267
tackles, 3 forced fumbles, and 4 in-
terceptions.

Golf legend Bobby Jones would
have been proud of his alma mater.
Graduating with a degree in me-
chanical engineering in 1930, Jones
went on to live one of the most
successful golf careers. Jones com-
pleted the Grand Slam, winning every
Major tournament during the course
of his career and was a founding
member to the Augusta National
Club. If he were around today, he
would have seen Tech make 11 con-
secutive trips to the NCAA cham-
ionship from 1985 to 1995 and four
straight ACC championships from
1991 to 1994. More impor-
tantly, he would have seen Tech
golf successful David Duval, Stewart
Cink, Mark Kuchar and Bryce Molder
score big on the college level and
take it to the next level on the PGA
Tour.

Winner of 13 tournaments and
two major tournaments, David Du-
val is Tech’s most famous and suc-
cessful modern golfing alumni.
Among his most amazing feats in-
clude shooting the lowest score ever
recorded in a single round (59, at
the Bob-Hope Chrysler Classic) and
being the first player since Nick Price
to win three consecutive starts. While
at Tech he was named 1993 Colle-
gate Player of the Year, awarded
the Dave Williams Award, and
became one of four players to be four-
time Division I first-team All-
American.

Other golfing Tech alumni in-
clude two-time winner on the PGA
Tour Stewart Cink, and youngsters
Mark Kuchar and Bryce Molder
who really drove the sport forward
in terms of popularity in the late 90’s.
Elder held one of the more versatile positions for the Jackets last season, playing at guard, forward, and often running the point position when needed. Since Arizona transfer Will Bynum has been added to the basketball team’s roster, Elder’s days as point guard may be as good as over, but he was named to the All-ACC third team as a sophomore after making the ACC’s All-Freshman team the year before. Elder’s 44.4 percent from the three-point arc last season ranked eleventh in the ACC with 16.1 points a game overall and led the ACC in three-point percentage with 44.4 percent. He was named to the All-ACC third team as a sophomore after making the ACC’s All-Freshman team the year before.

For the women’s team, this season is shaping up to be a break-out year. After just three years of existence, Baron is confident that the women’s program will “advance a notch and improve significantly” with the help of new recruits to round out the diving team nicely. Anthony Burkhardt and James Chong.

BJ Elder
Senior
Guard-Basketball

Since B.J. Elder came to Tech from Morgan County, Georgia in 2001, his playing performance has left basketball fans with something to cheer. The 6-4 Elder finished last season ranked tenth in the ACC with 16.1 points a game overall and led the ACC in three-point percentage with 44.4 percent. He was named to the All-ACC third team as a sophomore after making the ACC’s All-Freshman team the year before.

Hugh Reilly
Senior
Center-Football

This big man on campus also stands to be one of Tech’s big men on the offensive line this season. A red-shirt senior, Hugh Reilly is a two-year starter for the Jackets who has solidly filled both the center and defensive lineman positions during his stay at Tech. A six-foot-four 285-pound local boy from Roswell, Reilly started every game for the Jackets last season at center, playing every single snap but three for the year. Reilly racked up an all-ACC honorable mention for his performance and earned a preseason nomination for the Dave Rimington Award as the nation’s top center. Like the snazzy headshot of Reilly? You can also catch him on the cover of Georgia Tech’s 2003 Football Media Guide, along with seniors Ke-yaron Fox, Daryl Smith and John Paul Foschi.

Katie Griffin
Senior
10,000 Meters- Cross Country

One of the ACC’s top distance runners, this pint-sized powerhouse not only set a school record last season, but also automatically qualified for the NCAA Outdoor Championships with a time of 33:57.12 in the 10,000 meters at the Stanford Invitational. She finished nineteenth in the nation and earned all-ACC honors after a third-place finish in the 10,000 at the ACC Championships. A Stone Mountain native and St. Pius graduate, Griffin has been leading teams to successful finishes since high school. Griffin was also one of Tech’s top performers for her freshman season as well, taking the top time in the 3000 at the ACC Championships. She finished last season ranked third in the ACC in the 10,000 meters and seventh in the conference for the 5,000 meters.

Women’s Swimming

For the women’s team, this season is shaping up to be a break-out year. After just three years of existence, Baron is confident that the women’s program will “advance a notch and improve significantly” with the help of new recruits to round out the diving team nicely. Anthony Burkhardt and James Chong.

Crosswords Answers from Page 20

AETNA STOLEN EDIT
STICAL KAHUNA LENO
HOW MANY ROADSMUSTA
RITA IMP HASPED
ALONSOA PAL LIERS
MEN ANNIHILATOR
INTI BORER NASHO
SPIR IT NAG DADD
MAN WALKDOWN BEFORE
USE LETI GAY OASIS
TSPN ERROR IN
TOMSTOPPARDSTS
LATTY STEM GENT
ATTIRE RTO HAMU
YOU CAN CALL HIM MAM
ONDE DANUBE SPELT
NEED STAGEN CERES
Like seeing one’s child grow up to be an adult, the Georgia Tech Athletic Association is similarly the proud parent of its children: former Yellow Jackets who have now become star professional athletes. These athletes have shined as leaders in their respective sport in college and have taken the next step to dominate as professionals.

The baseball program is perhaps Tech’s most dominating sport in the recent past. Among the best in the country year after year, the program has finished in the top 20, according to Baseball America, three of the last five years. Despite never winning the College World Series, the program has spit out future Hall of Famers SP Kevin Brown of the Los Angeles Dodgers and SS Nomar Garciaparra of the Boston Red Sox and has also produced standout rookie 3B Mark Teixeira of the Texas Rangers along with all-star C Jason Varitek of the Boston Red Sox and OF Darren Bragg of the Atlanta Braves; RP Doug Creek of the Toronto Blue Jays; P David Elder of the Cleveland Indians; OF Jay Payton of the Colorado Rockies; and P Kris Wilson of the Kansas City Royals.

Perhaps the most renowned product of Tech baseball is Boston shortstop Nomar Garciaparra. Backwards for his father’s name, Nomar has established himself as one of the premier shortstops in the game. He holds Major League records for the most RBI by a leadoff hitter (98, in 1997), most homeruns by a rookie shortstop (30, same year), and tied for the most grand slams in one game (2, in 1999) not to mention the several Red Sox records he set all in a span of a year – his rookie year, at that.

At Tech, his most notable records include the most doubles in a game with 3 (1994, against UNC) and the most triples in a game with 2 (1994, against Appalachian State). In his last year at Tech, he finished off with an unbelievable stat-line: a .427 batting average, 16 HRs, and 73 RBI. Numbers like these earned him First Team All-America in 1993 and 1994.

Not limited to individual greatness, Nomar, along with fellow Major League teammate Jason Varitek and Rockie Jay Payton, led the Jackets to their first ever College World Series in 1994.

The oldest member of this elite group of athletes is the class of 1986’s very own Kevin Brown, whose career blossomed with age. In his three years at Tech, he compiled a 28-13 win-loss record with a 4.07 ERA in 330 innings pitched, earning him First Team All-America in 1986.

Not till he won the World Series with Florida in 1997 did Brown’s career really lift off. Since then he’s had an average ERA of 2.53 and 15 wins a season minus last year’s injury-filled summer. His accomplishments have earned him one of the highest payrolls in the majors, earning over $15 million dollars a season while making each team he’s played for a serious playoff contender. Brown was named into the Georgia Tech Hall of Fame in 1991.

A part of that memorable team of ’94, Jason Varitek’s claim to fame at Tech is his number 33, which is the only number to ever be retired. Undoubtedly the most amazing catcher to come out the Tech baseball program, Varitek was named First Team All-America from his sophomore to senior years while averaging over .400 in batting for all three of those seasons. At the Major League level, Jason’s poised for his best season ever, accumulating a .292 average with 18 homeruns and 65 RBI – 2 and 11 short of his career best homeruns and RBIs, and it’s only August.

Although part of the graduating
By Ryan Peck  
Senior Staff Writer

Georgia Tech’s Damarious Bilbo is a self-proclaimed “neat freak.” And that label seems fitting after listening to Bilbo describe the décor of his dormitory. "People are always asking me [if] girls live [there],” he said with a smile. "I’ve got trees, a red carpet in the bathroom, candles, blue shower curtains, the whole nine. I can’t wait to get off campus and have my own bachelor pad. I’m one of the cleanest guys around.”

For the guy affectionately known as D-Bo, his spick-and-span life became decidedly cluttered in early August. After an apparent changing of the guard during December’s Silicon Valley Classic, when Bilbo took over for then-starting QB A.J. Suggs, he was abruptly taken out of the running for the starting quarterback job by coach Chan Gailey just days into fall practice.

The sudden move rocked Bilbo, leaving him dejected and confused. He contacted his former high school coach in Moss Point, Mississippi, who began making phone calls on Bilbo’s behalf to Ole Miss and Mississippi State. Transferring home was a real possibility for the 6-3, 225 lb. redshirt-sophomore.

"The situation is hard to explain," says Bilbo, who was named the 2000 Mississippi High School Player of the Year after quarterbacking Moss Point to a State Championship. "I feel like I didn’t get a real chance to prove myself. To me, the ultimate chance would have been to start a game.”

Bilbo saw spot duty last year, performing well at times and erratically at others. He engineered memorable touchdown drives against North Carolina, Wake Forest, and Fresno State, but threw ill-advised interceptions which hindered his case for more playing time. His grasp of the offense was clearly lacking in Gailey’s eyes during the early stages of fall practice, and Bilbo was informed of the change on August 8. Confident freshman Reggie Ball began taking snaps with the number one offense, and a shaken Bilbo was forced to start all over at another position. The only question was, where?

Bilbo’s size and speed helped facilitate the position change. He understands that he was blessed with size and athleticism that the majority of individuals entertaining football aspirations cannot match. "The coaches told me I could possibly play five positions in the NFL: safety, outside linebacker, defensive end, wide receiver, and tailback…Tony Hollings didn’t come out of me [at running back],” quipped Bilbo, “so I’m going to try something else.”

Bilbo has been working with the wide receivers in practice, and coaches have been impressed with his quick adjustment to the position. Bilbo seems to be enjoying his new capacity, and now has a fresh perspective on the art of catching the pigskin. "I respect the position a lot more,” said Bilbo. "It’s not as easy as it looks." (Converted quarterback) Mark Logan is helping me to adjust. He tells me to think like a quarterback out there. I’m still going to have the ball in my hands and I’ve still got to make plays. You get to let loose as a wide receiver, without having to worry so much about keeping your composure like a quarterback does.

A consummate team player, any notions of transferring from Tech were quickly eradicated after meeting with Gailey shortly following the position change. The two cleared the air, and Bilbo seems to accept Gailey’s decision more and more as the days go by. Gailey recently chose true freshman Reggie Ball as his starting quarterback. A.J. Suggs has been named as the backup quarterback.

"I’m behind Reggie, A.J., and [true freshman] Patrick [Cartier] 100 percent,” said Bilbo. "Things are awkward at the moment, but I’m going to be supportive, positive, and stick by them win or lose. To up and leave wouldn’t have been in my character.”

Despite the difficulty of the transition, Bilbo would prefer not to throw a pity party for himself. He understands that he is extremely fortunate to be playing major college football and getting a top-notch education. After witnessing the calamity that has befallen fellow teammate Greg Gathers over the past year, Bilbo realizes that he has things better than most. Gathers, a sure-fire NFL draft pick prior to last season, may never play the game again due to severe kidney problems. "Greg says that God may close the door on some situations, but that windows will remain open,” said Bilbo. "He comes to all the practices and weight lifting sessions. He’s a coach on and off the field. I just have to enjoy life, count my blessings, and it will all come together. I’d prefer to keep the focus off myself and on the team and our season.”

Still, Bilbo appreciates the moral support he has received from Gathers, as well as other members of the program. "Coach Gailey, Coach [Buddy] Geis and [team chaplin] Derrick Moore have been very supportive. The position change hurt Coach Gailey more than it did me. Coach is very honest and I respect and love him.”

As far as the 2003 season is concerned, Bilbo says that the team motto is "redemption." In light of what has transpired in his life over the past month, that motto is especially applicable to D-Bo. "We’re going to play 100 percent for each other," said Bilbo. No matter what position he’s playing.

Earlier this month, Gailey shocked Tech fans when he announced second string quarterback Damarius Bilbo would be moved to another position. Since then Bilbo has been working on adjusting to playing wide receiver.
by the numbers

1,895.77

Distance in miles between Atlanta, Georgia and Provo, Utah where Brigham Young is located. According to Mapquest.com, it would take you 31 hours, 23 minutes to drive to Provo from Tech if you didn’t stop anywhere along the way. A direct flight from Atlanta to Salt Lake City is around 3 hours and 45 minutes. Provo is then 41 minutes drive from Salt Lake City.

24

The number of games Tech’s softball team will play at Glenn Field in 2004. The games include matchups against perennial powers Georgia and Alabama. The team will open up the season at the ULM Mardi Gras Tournament, Feb 7-8.

55,000

The number of tickets sold for the Tech’s softball team will play at Glenn Field in 2004. The games include matchups against perennial powers Georgia and Alabama. The team will open up the season at the ULM Mardi Gras Tournament, Feb 7-8.

18

Age of Tech’s new starting quarterback, Reggie Ball. Ball will turn 19 on Oct. 6. He is believed to be the first true freshman ever to have started as his starter. Ball beat out A.J. Suggs and Patrick Carter for the job.

Fall sports look towards new season

The Nique takes a look at Tech’s top teams, volleyball and swimming, this fall

By John Scaduto Contributing Writer

Before and after football games this fall, Tech sports fans will be able to check out the no. 12 volleyball team in the nation and a top 55,000

The scary thing is that second-year Head Coach Bond Shymansky will be returning the entire squad for 2003. Even new recruits Sarah Hall, Abby Showers and Jacqui Beebe “[will] bring added size and power,” said Shymansky. They will also be able to learn from players such as Keight Vincent, who “anchored” the squad from last year and provided stability for the team’s success.

While maintaining a modest tone, Shymansky said that the team will simply “strive to get better every day… with focus on success and beating the opponent we have next.”

But does the team have the talent to take a run deep into the tournament? “Of course we do,” said Shymansky. It looks like the sky’s the limit for these ladies.

Men’s Swimming

The men’s swimming squad also made a statement in 2003 by completing the run to the NCAA Championships. TWO years ago the team had a “best-ever” year as the team placed second in the 2002 ACC Championships. The team was led by Shilo Ayalon who recently completed his reign with a third All-American award and a seventh All- Conference award. The team also had the highest scoring seniors in the ACC last year with Josh Hersko, Tomonori Tsuji, James Salazar, Robbie Foster and Jorge Oliver.

In contrast to volleyball, the team graduated its highest scoring athlete last year, including Ayalon and Tsuji. Head Coach Seth Baron said they will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persists that the team has maintained a healthy confidence and is “not shyling away from the challenges ahead.”

He is also hopeful that returning swimmers, such as captains Eduardo Oliver and Irai Eden, will lead this effort to “takeover where we left off.” Having freshmen such as Ryan Bishop, who impressed many at the Olympic Qualifiers this summer, as well as incoming recruits, Baron persists that the team will be “dearly missed, but we must move forward.” Even with nine incoming recruits, Baron persiste...