

# TECHNIQUE

"The South's Liveliest College Newspaper"

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Serving Georgia Tech since 1911 • Volume 88, Issue 12 • 28 pages

Will *Knock Around Guys* knock your socks off? Look inside for our review.

ENTERTAINMENT page 19

Is Buzz the best? Tech's favorite mascot competes to be America's #1 mascot.

SPORTS page 28



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## Homecoming deadlines today

Applications for Homecoming events are due today. Ugly Man on Campus submissions are due at 3 p.m. in the Alpha Phi Omega box. Submissions for the Talent Show, Outlaws, and Tech Trivia are all due at 4:30 p.m., and Ramblin' Reck Parade and Mini 500 applications are due at 5 p.m.

## Bill Maher signs book October 25

Bill Maher will be signing his new book, *When You Ride Alone You Ride with Bin Laden* Friday, Oct. 25 from 5-6 p.m. at the Georgia Tech Bookstore. Maher is the former host of *Politically Incorrect*.

## Homecoming Formal at the Fox

The Homecoming Formal will be held Friday, Oct. 18th. Organized by RHA, the formal will be at the Fox Theater's Egyptian Ballroom and starts at 8 p.m.

Student tickets are \$15 and will be available at the Student Center Box Office.

## Coming Out Week Tech embraces differences



By John Hersman / STUDENT PUBLICATIONS

State Representative Karla Drenner and Decatur City Commissioner Kecia Cunningham spoke at a recent event during Tech's Coming Out Week describing how it feels to be a homosexual in an elected political position.

## Funds unavailable for bookstore space

By Sriram Narasimhan  
Senior Staff Writer

Financial concerns have developed recently regarding the allocation of the Houston building to students and student organizations after the bookstore relocates to the Technology Square project.

Plans to renovate the space had already been conceived approximately a year and a half ago by the Student Center Expansion Task Force, which felt that the quality of student life needed to be increased through additional organizational and meeting space. The opportunity to procure a facility had not arrived until that time.

"We are desperately short on meeting space," said Rich Steele, Student Center director and chair of the former Task Force. "We are creating an area where it is conducive for students to share resources in order to meet their needs. It is really to create a center to provide for student life."

In fact, according to Steele, the Student Center is only about half the size it needs to be. Most

of the central student facilities at Tech's peer institutions have nearly three times the square footage per capita available. Additionally, the large increase in the number of student organizations in recent years means fewer rooms available during the course of the year, especially for those groups meeting on a Tuesday or Thursday.

The task force, as a result, identified in its final report six major functional attributes for the future Houston building that would be made available, including meeting and lounge space, organizational space, individual or group study space, a greater variety of food services, entertainment and performance space and finally service areas, such as a resource center and large restroom facility.

Once the report had been submitted, it recommended that the bottom floor be transformed to provide most of those attributes under the jurisdiction of Auxiliary Services, which already maintains seven different retail services

See *Space*, page 5

## Solar Jackets plan for cross country race

By Chester Ong  
Contributing Writer

Approximately 2076.8 miles. Ten hours of driving a day. No air-conditioning. No gas. A very wild road trip by college students? Not for the helluva engineers at Georgia Tech. Come summer 2003, Tech will compete in its first national solar car race. Hosted every two years by the American Solar Challenge and with over 100 teams com-

peting, this daunting race begins in windy city Chicago and finishes in sunny Los Angeles.

Because of time and speed constraints imposed by the Solar Challenge on the teams for safety reasons, the race usually lasts three weeks. Teams can be formed by any college, organization, or even major corporation. Stanford, MIT, international colleges, hobbyists, and sometimes even companies such as General Motors, the cre-

ator of the Solar Challenge, enter the race.

The idea to enter a Tech team into the competition began in Spring 2002 with the plans of a graduate student and several juniors. The graduate student's specialty is solar cell technology, and after several extensive meetings, including a three-day American Solar Challenge Conference held at the University of Michigan, a final decision was made to begin de-

signing a road-worthy solar car for the 2003 Competition.

Currently, the Tech solar team, now known as the Solar Jackets, has kept in-synch even with their compressed timeschedule. With much of the actual chassis complete and electronic steering, suspension and brakes scheduled for next month, the dimensions of the GT solar car stand at 6 m long; 2 m wide; and

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## Clough reflects on past year, outlines future

By Daniel Amick  
Senior Staff Writer

Georgia Tech President Wayne Clough delivered his annual State of the Institute address to faculty, staff and students at the Faculty Senate meeting Tuesday. In the speech, Clough highlighted important events at Tech over the past year and outlined his vision for the future. He also focused on Tech's role in a world full of emerging challenges.

"We live in a world of new realities, where a naive sense of innocence has been replaced by a harder edge," said Clough. Terrorism, new diseases, economic troubles and future environmental problems demand "new leaders who can effectively use

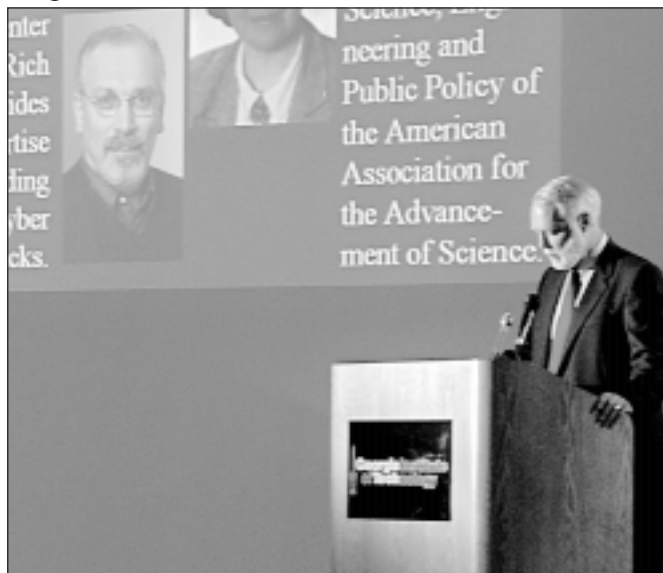
technology and manage it."

"Politics will not solve these problems. Technology is often the key. The world is increasingly looking for leaders who can put forward responsible technological solutions to the complex problems we now face," said Clough.

He described a recent speech given by Secretary of State Colin Powell to the President's Council of Science and Technology Advisors, of which Clough is a member. Powell emphasized the urgent need for technologically-savvy leaders in the State Department.

"That sounded to me like a ringing endorsement of the educational offering that we have

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By Charles Frey / STUDENT PUBLICATIONS

President Clough gives his State of the Institute address to the Faculty Senate. Clough will address the student body in late Nov.

## U.S. poet laureate to speak on campus

By Katie Neal  
Sports Editor

This month promises to be an exciting one for Georgia Tech's School of Literature, Communication and Culture. The school is instituting the first annual Bourne Poetry Reading, which will be held Oct. 28 in the Ferst Center for the Arts. The event will include some of the major literary names presently available, such as Billy Collins, Lucille Clifton, Stephen Dobyns and Rita Dove.

Billy Collins is the country's bestselling poet and is currently the poet laureate of the United States. Lucille Clifton is a past poet laureate of Maryland, a National Book Award winner and the chancellor of the Academy of American Poets. Stephen Dobyns, an acclaimed poet, novelist and fiction writer, has had his novels translated into twenty languages, along with two becoming films. Rita Dove, a winner of both the Pulitzer Prize and the 2001 Duke Ellington Lifetime Achievement Award, was the poet laureate of the United States from 1993 to 1995.

The poetry reading is just a small component in the greater plan for the direction of Georgia Tech's LCC department. Although LCC offers undergraduates 35 different humanities courses each fall and spring semester, many students don't understand the extent of the department's services and assets.

"Every other semester or so, we plan to

See *Poet*, page 4

**Technique Online** Voice Your Opinion!

Last issue's poll garnered 114 responses to the question: "What effect will Coming Out Week have on Tech?"

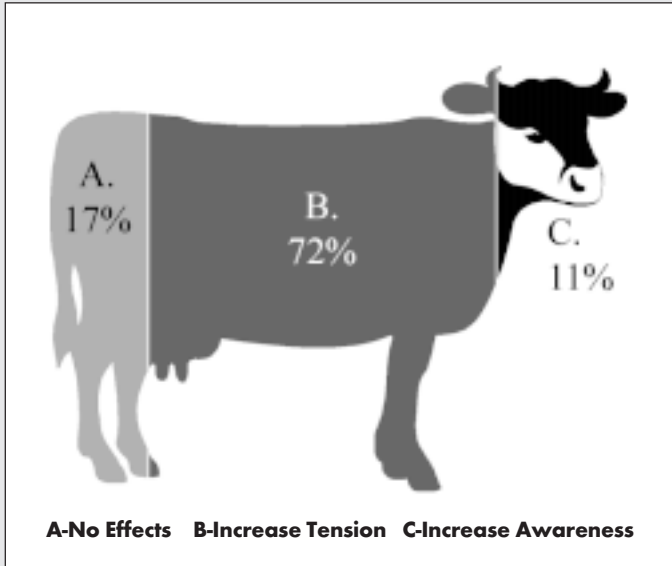


Image by Ian Clark / STUDENT PUBLICATIONS

This week's poll is related to fall break plans. What did you do over the four-day weekend provided by the break? Tell us what you think at [www.cyberbuzz.gatech.edu/technique](http://www.cyberbuzz.gatech.edu/technique).

# From the archives...

## The Nique's top stories from:



**10** years ago: October 16, 1992—Dan Quayle, Al Gore and James Stockdale, the three major candidates for vice-president, came to Georgia Tech to participate in the fourth vice-presidential debate in American history. The debate lasted an hour and a half and had many heated moments.

**20** years ago: October 15, 1982 -- Delta Sigma Phi fraternity organized a successful blood drive in the Student Center Ballroom. Between Tuesday, October 5 and Thursday, October 7. Students and faculty donated a total of 620 pints of blood.

**30** years ago: October 13, 1972—Tech President Joseph Pettit reviewed the first organized Student Conduct Code at a joint meeting of the graduate and undergraduate SGA. Pettit explained that the new code served to organize and clarify rules and regulations. Changes included the allowance of private alcohol consumption and the addition of a Student Faculty Appeal Board.



## Senators revisit TEAM Buzz bill

By Tony Kluemper  
News Editor

Although usually considered the calmer group in SGA, a slightly heated debate broke out in the Graduate Student Senate over a bill from the preceding week's meeting.

The bill in question concerned the allocation of funds for the purchase of T-shirts for TEAM Buzz, which was failed by the graduates but was passed by the House at their meeting last week. Under the enactment ratio, which gives UHR the power to overrule a decision by GSS if there is enough support, the money was allocated to TEAM Buzz.

However, a small group of senators questioned Tuesday whether the representatives from TEAM Buzz had found the lowest possible price for the production of the T-shirts and presented evidence of lower estimates they had received. The group then made a motion to reconsider the bill at a lower amount than was first requested.

This motion resulted in one of the most heated debates of the year. According to senator Pelham Norville, the motion was both "ludicrous" and "childish". "As a body, SGA has already made a decision on this issue, and we shouldn't try to change it now" said Norville.

Senator Joesph Jeong agreed with Norville in that the motion was not the best way to approach the situation.

"We should email the representatives (from TEAM Buzz) and tell them about the prices we have found rather than amending a bill that has already passed," said Jeong.

Throughout the debate, there was little support voiced for the motion and when a vote was called, the motion failed by a large majority.

In other business, the senators allocated funds to support the RHA Homecoming Formal that will take place Oct. 18 at the Fox Theater. RHA President Ryan Spanier expects between 300 and 500 students to attend.

## Council Clippings Senate and House



By Kevin Shattuck / STUDENT PUBLICATIONS

Leaders from various sports organizations on campus debated the JFC policy changes at Tuesday's meeting of UHR. The House representatives discussed the changes and possible alternatives but were unable to reach a consensus opinion.

### Bills Considered

#### Undergraduate House of Representatives

Appointments to JCOC	Author: Tiffany Massey	passed
Appointments to JCOC	Author: Tiffany Massey	passed
Joint Allocation to RHA	Author: Chris Rankine	tabled

#### Graduate Student Senate

Joint Allocation to RHA	Author: Brian Timberlake	passed
Allocation to GSS (Graduate Picnic)	Author: Alan Michaels	passed
Joint Chartering of Tech Korean Assoc.	Author: Tim Cailloux	passed
Joint Chartering of the Acapella Club	Author: Tim Cailloux	passed
Joint Chartering of Buzz Studios	Author: Tim Cailloux	passed
Joint Chartering of Philosophical Society	Author: Tim Cailloux	passed
Joint Chartering of Sophomore Summit	Author: Tim Cailloux	passed
Joint Chartering of Inter. Business Club	Author: Tim Cailloux	passed
Joint Chartering of Chinese Christian Club	Author: Tim Cailloux	failed
Joint Chartering of Asian Stu. Int. Assoc.	Author: Tim Cailloux	passed

## JFC policy debate attracts crowd

By Daniel Amick  
Senior Staff Writer

Tuesday night's issue meeting of the Undergraduate House of Representatives was unusually crowded. Apparently, the topic up for discussion, "Changes in Joint Finance Committee (JFC) Policy," had generated significant interest among the student body.

The JFC's job is to look at budget requests from student organizations and then decide what student government can afford to fund. Last year, JFC members noticed two problems that prompted the changes that were up for discussion.

"We saw that JFC [budget] requests were ballooning," said David Maybury, last year's Vice President of Finance. This year, budget requests rose \$500,000 over last year. The number of organizations requesting funding was also increasing, rising from 58 in fiscal year 1998 to 93 in fiscal year 2003. JFC needed a way to curb the increases in a systematic way.

The second problem was a perceived inconsistency in the organizations that received funding. "The [JFC] rules are intrinsically skewed toward sports organizations," said Maybury. The numbers seem to back up that assessment. Chris Webb, this year's Vice President of Finance, reported that last year, sports organizations requested about \$300,000 in funding and received about \$234,000. Non-sports organizations requested about \$150,000 in funding and received just \$30,000.

So, to solve both problems, JFC policy was changed. Student organizations can now only ask for funding of five trips in their JFC budget requests. To get additional travel funding, the organization would have to submit a bill directly to the UHR.

Tuesday's turnout suggests that not everyone at Tech agrees with the changes. One after another, presidents, treasurers and other representatives from various sports

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## Poet

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bring in a new major writer and continue to respond to whatever the student needs are," said Dr. Peter McGuire, an Associate Chair of LCC. "A student who is here for four years should be able to be exposed to a nationally prevalent novelist or poet at least every semester."

This series will be one of five major poetry events at Tech this year, each featuring some of the nation's, most celebrated and distinguished poets. Every series is free for Tech students.

"Every time a major poet or novelist shows up and says that the last place he went was Georgia Tech and the students there were really dynamite, that puts us a step forward in the direction we need to be

going nationally," said McGuire.

While the LCC program is nationally recognized for its research and degree programs, the department is still trying to expand its breadth of humanities availability and offerings. LCC is preparing to not only offer a Humanities Minor in collaboration with other units on campus who offer humanities courses, but also hire on three new tenure-track professors in humanities this year.

"We want all the courses offered in the department to be available to every student here at Tech, resulting in a broader education for the Georgia Tech graduate," said McGuire.

*For information and tickets call 404-894-9600 or visit LCC's website at [www.iac.gatech.edu/poetry](http://www.iac.gatech.edu/poetry).*

## Solar

from page 1

80 cm high. Carrying two passengers, the solar car is expected to have a minimum speed of approximately 30 mph and a maximum speed of about 75 mph.

Though accidents are not common and the solar car will travel with a caravan, the trip from Chicago to Los Angeles is on a regular highway with no special accommodations made for the solar cars.

In fact, this past year in Canada's solar race, a registered automobile collided with the University of Toronto's solar car, crushing the frame and totaling the solar arrays. Fortunately, the Solar Challenge guidelines are stringent enough that both drivers walked away with minimal bruises.

Regardless of the many design problems, Chief of Operations Justin Alspaugh comments that sponsorship and finances for solar car materials are the most difficult problem, as the minimum cost of the solar car without sponsorship is \$75,000.

While teams normally have an 18 month timeline, the Solar Jackets have less than eight months to finish their solar car, Ramblin' Wreck. However, the Tech solar team has received the full-fledged support of the ME, ECE and AE schools as well as various sponsorships from corporations such as Shell Electric and General Electric. The notable support spawns from the GT University Center of Excellence for Photovoltaic Research and Education (UCEP). Directed by Dr. Ajeet Rohatgi, ECE Regents' Pro-

fessor, UCEP is a nationally-ranked research center in solar cell technology.

"I'm very excited about the opportunity to build a solar car that will have silicon solar cells which is the focus of our program. We [at UCEP] work on silicon solar cells, and we plan to use crystalline solar cells for the car, which is entirely consistent with our goal," said Rohatgi.

Rohatgi also mentioned that the Solar Jackets "gives an opportunity to students from different disciplines to get involved and build a system with expertise from different disciplines."

According to ECE Associate Professor Dr. Christina Honsberg, the solar competition helps to prepare students for what projects will be like when they enter the work force.



## Clough

from page 1

here at Georgia Tech. Our goals [as an Institute] can help, as never before, to serve the needs of our nation and the world in a time of crisis," said Clough.

Clough also recited a litany of improvements, accomplishments and events at Tech over the past year. Georgia Tech's student body is the largest in institute history, and student "caliber is increasing with enrollment." Freshman retention rates climbed to 91 percent, and the number of graduate students continues to rise. This year, the Institute also celebrated the 50th anniversary of women at Tech.

"We need [women's] participation, perspective, talents and leadership if this country is going to succeed," said Clough.

Clough also lauded Georgia Tech athletes for numerous accomplishments, both on and off the field. 38 percent of all athletes made Dean's List or had Faculty Honors, and the average athletes' GPA was equal to the average GPA of the student body. "For many people across the nation, athletics is their introduction to Georgia Tech," said Clough.

According to Clough the value of Tech research awards is increasing and "even accelerating" even as the market for such funding becomes more competitive. "This says to me that our students, faculty and staff form a team that is just hard to beat," said Clough.

Georgia Tech ranks ninth among public universities in the nation. Clough stated that Tech was proving itself to be a top university by

continuing to receive high rankings. "Getting to the top was only half the battle," said Clough. "We're now showing the sticking power to be able to stay in that top tier."

He described how last year's academic honor code violations have been resolved and how the Institute has used this problem as "an opportunity to engage in a broader discussion of how to improve our approach to teaching computing, and to academic misconduct."

In his update of ongoing construction projects, Clough described progress on SAC II, Technology Square, and the Life Sciences Complex. He also outlined the steps to creating a new open space extending from the Student Center to the Library. Demolition of the Hightower Building and creating the West Commons area in the library are just preliminary measures. Upcoming steps will include the renovation of the Houston building now housing the bookstore to give student groups "24 hour access to high quality space."

A landscaped quadrangle will fill the area where Hightower once stood, and in two to three years construction will begin on the Undergraduate Learning Center. Clough called the ULC "one-stop shopping" that will include all freshman labs, academic support, and a "graduated version" of the West Commons area.

Clough concluded by stating that a call had gone out for leadership in a technological age. "Georgia Tech's strengths and abilities give us the unique opportunity to answer that call and open the door to a future not defined by pessimism and withdrawal, but by optimism and hope."

## Space

from page 1

on campus. The upper floor, similarly, would be renovated and used as open space to accommodate many of the student organizations under Student Affairs.

Of course, these services will require funding: about \$4.6 million for the Auxiliary Services aspect of those functional attributes, and an additional \$850,000 for the Student Affairs aspect. After a year's delay, the Board of Regents finally approved the Auxiliary Services funding, which signifies that architectural programming inside the building can now begin.

The catch, however, is that funding for the student organizations space is simply not available, even though it needs no approval from the Board of Regents since it is below a million dollar budget.

It is not possible for Auxiliary Services, even if it could, to donate funding for the student organizational space. Under the Board of Regents guidelines, Auxiliary Services is charged with funding its own capital program but not the programs of departments, according to Rosalind Meyers, Associate Vice President of Auxiliary Services.

The Institute is aware of the need for this funding and is in the process of searching for a donor, but an available source has yet to be identified. The administration has, however, offered a mitigating solution: to include some of the functional services of the top floor in the funding of Auxiliary Services. This refers mainly to restrooms and other services that could still be used to accommodate student life.

"It may not be the original vision, but the work on the first floor will still affect the second floor and make it usable space," said Steven Swant, Associate Vice President for Budget and Planning.

The second floor contains a total of ten thousand square feet of space, half as much as the bottom



By Peter Jensen / STUDENT PUBLICATIONS

The space currently occupied by the first floor of the bookstore will be turned over to Auxiliary Services once Technology Square is completed.

floor. Both floors will be equally assessed by an architecture firm that will work with several student-driven focus groups, faculty and administration who are responsible for the actual programming and planning that will take place within the Houston building in the upcoming months. Only after the evaluation will the firm release a bid for the exact cost of construction.

"We haven't done the design yet, but as we begin to do the programming, we'll assess how much funds are actually needed," said Swant.

The costs will also depend on the market situation when it is time for construction. An unfavorable outlook on the economy will most likely mean lower renovation costs for Tech, but expectations are, on occasion, incorrect. In any case, however, it is too soon to predict the required expenses.

"Until the design has been completed and constructors have had a chance to view the costs, we won't know the full scope of the project," said Les Saunders, a professional

within Capital Planning and Space Management. "To say that the renovations are not being done is grossly premature at this point."

The fact that the numbers are only cost estimates does not exclude the fact that there is a lack of funding. "Ideally this project would be done in its entirety. Ideally the architecture firm would be hired to work with us...and recommend a program to best use the space to meet the [students'] needs, without starting with a preconceived idea," said Dr. Lee Wilcox, Vice President of Student Affairs. "The ability of the architects to recommend this is now limited. The availability of funding is influencing the configuration of the space."

If the programming element of the allocation project continues on schedule, the bid for construction will be released next April, with the actual construction to begin July or August after the bookstore moves to Technology Square. The renovated building should be unveiled by the early part of 2004.

## UHR

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organizations rose to challenge the changes, questioning the policy and proposing alternatives.

Captain of the GT Ice Hockey team Roland Sperlich also addressed the House. Ice hockey equipment and fees are high, and the GT team receives about \$20,000 per year from SGA.

Sperlich questioned the idea of selectively cutting some organizations just because their activities cost more than others.

"It's not our fault that we chose hockey instead of something else," said Sperlich. "Blindly cutting an organization with 30 years of suc-

cess—it's going to kill us."

Throughout the meeting, representatives and guests offered suggestions for reaching a compromise. Jessica Smith, President of the Women's Lacrosse team, suggested an overall budget cut that would let organizations decide for themselves what to fund. Other possible compromises were presented as well.

Deciding that they had no consensus on what, if anything, should be done about the JFC policy changes, representatives decided to create an Ad Hoc committee, headed by BME Representative Jen Hinkel, to solicit opinions from the student body and report back with recommendations in three weeks.