Arrests made in shooting
Atlanta, Tech strengthen police cooperation around campus

ROBERT NESMITH
COMMUNICATIONS & MARKETING

The Atlanta Police Department (APD) addressed recent highly visible incidents of crime in the area surrounding campus at a June 23 press conference. President G.P. “Bud” Peterson, Atlanta District 2 Councilman Kwanza Hall and the Georgia Tech Police Department (GTPD) also spoke to the Atlanta media.

“We’re here for the students of Georgia Tech, but we’re also here for the citizens of Atlanta,” said Hall, whose district includes Zone 5 and part of Home Park.

“This is not just a Tech problem, this is something we’re working on collectively. We want to make sure our students are protected and our citizens are protected.”

During the conference, APD Sgt. Reginald Moorman, supervisor with Zone 5 Investigations, stated that three arrests had been made in the separate shooting incidents of Georgia State University student Carsten Singh and Tech student Patrick Whaley. Two suspects were arrested June 10, while the third had already been in police custody.

Zone 5 Assistant Commander Joseph Spillane said that the APD has met regularly with Georgia Tech administration and police for the last month.

On the day of the conference, APD unveiled a response plan, in cooperation with GTPD, that will ramp up police activity in Zone 5 around the Tech campus. “Utilizing various resources, we’ll be putting this into effect immediately, running it over the next few weeks and reassessing the crime, seeing where we go with the trends and if we impact [them],” he said.

“We are committed in the Atlanta Police Department, on behalf of Zone 5 and Chief [Richard] Pennington, to solving these problems and working closely with Georgia Tech and the Georgia Tech Police Department to make sure the student body, administration and visitors to this area are safe.”

In answering specific questions from Atlanta media, Spillane said he believed that Georgia Tech students were not being targeted as there have been other victims around the city, but that many times they meet a criminal group’s victim profile. “If you read the reports, they happen between 10 p.m. and 4 in the morning,” he said. “If you look at the crime statistics and the number of robberies in Zone 5 and you look at the number of students robbed, the number is relatively low. We’re concerned with robberies everywhere, but we want to make sure the students at Georgia Tech feel safe and that you know that we’re working with [GTPD] to make that happen.”

POLICE, continued on page 3

Tech maintains eighth place in World University Rankings

Georgia Tech has maintained its eighth place ranking as one of the world’s top universities in engineering and information technology, according to U.S. News & World Report.

The ranking was announced as part of the magazine’s Best Colleges and Universities issue, released on June 18. The rankings are based on data from the THE-QS World University rankings that were produced in association withQS Quacquarelli Symonds, one of the world’s leading networks for careers and education.

Last August, Tech was rated seventh nationally among public universities for undergraduates in the U.S. News & World Report rankings. For the past decade, the Institute has been among the top 10 public universities for undergraduates.

In addition, the College of Engineering was ranked No. 4 nationwide for the fifth consecutive year in the publication’s annual list of the best American graduate school programs this past spring.

Coming in Ferst
George Thompson takes the helm of the Ferst Center for the Arts

ROBERT NESMITH
COMMUNICATIONS & MARKETING

George Thompson, former conservatory general manager with the prestigious American Conservatory Theater (ACT) in San Francisco, has been named director of the Ferst Center for the Arts.

He is responsible for overall leadership, administration, coordination and fundraising, along with the successful integration of the Center with the Institute’s academic community and the Atlanta arts community.

“The Ferst Center’s history of performances is solid and has deep roots,” Thompson said. “I want to build upon this history and expand the interaction with the campus and the local community, with the goal of establishing a unique identity for the Center within the Atlanta presenting field.”

Raised in Greenwich, Conn., Thompson’s career in the performing arts—both as manager and performer—spans three decades, with more than 20 years in senior management positions of nationally recognized arts organizations. Thompson began his career in 1979 as a professional dancer for the American Ballet Theatre.

In 1987, he was named business manager and assistant director for Finance and Development for the four-theater complex within the Purchase College Performing Arts Center in Purchase, N.Y.

Thompson served as executive vice president for the Tampa Bay Performing Arts Center in Tampa from 1994–2001, executive director for The Washington Ballet in Washington, D.C., from 2001–2003, senior vice...
At what price intelligence?
Study asks whether cancer is the cost of being smarter than chimps

DAVID TERRASO
COMMUNICATIONS & MARKETING

Are the cognitively superior brains of humans, in part, responsible for our higher rates of cancer? That’s a question that has nagged at John McDonald, chair of the School of Biology and chief research scientist at the Ovarian Cancer Institute, for a while. “I was always intrigued by the fact that chimpanzees appear to have lower rates of cancer than humans,” said McDonald. “So we went back and reanalyzed some previously reported gene expression studies including data that were not used in the original analyses.”

It seems that McDonald is on to something. The new study is available online in the journal Medical Hypothesis and will appear in the forthcoming issue of the journal.

McDonald and his graduate students, Gaurav Arora and Nahim Polivarapu, compared chimpanzee-human gene expression terms in five tissues: brain, testes, liver, kidney, and heart.

They found distinct differences in the way apoptosis—or programed cell death—operates, suggesting that humans do not “self-destruct” cells as effectively as chimpanzees do. Apoptosis is one of the primary mechanisms by which our bodies destroy cancer cells.

“The results from our analysis suggest that humans aren’t as efficient as chimpanzees in carrying out programed cell death. We believe this difference may have evolved as a way to increase brain size and associated cognitive ability in humans, but the cost could be an increased propensity for cancer,” said McDonald.

Like all evolutionary hypotheses, this can’t be proven absolutely, according to McDonald. However, his lab has recently obtained additional direct experimental evidence consistent with the hypothesis that apoptotic function is more efficient in chimps than in humans.

For more information
www.mcdonaldlab.biology.gatech.edu

In Brief . . .

Peterson participates in National Summit

Earlier this month, President Bud Peterson participated in a panel discussion at The National Summit on Competitiveness. He spoke during America’s Competitiveness Agenda, along with Thomas Paul d’Aquino, president & CEO, Canadian Council of Chief Executives; Sen. Debbie A. Stabenow (D-MI); and Deborah L. Wince-Smith, president, The Council on Competitiveness.

According to organizers, the mission of The National Summit is to convene a cross-sector gathering of American economic leaders to promote actions to improve America’s competitive- ness in the global economy.

Huff Chair in CEE established

College of Engineering Dean Don Giddens announced the establishment of the Huff School in the School of Civil and Environmental Engineering (CEE). CEE Chair Joseph B. Hughes will be the initial holder of the Huff Chair. Huff earned his B.S. from Tech in civil engineering in 1968. He is chairman and CEO of CEE.

H1N1 case confirmed

On June 13, the Institute confirmed that a student tested positive for H1N1 influenza. Following established protocols, the student—who is now asymptomatic and back in class—recovered at home.

Goodman briefs House on security

On June 10, College of Computing and Sam Nunn School of International Affairs Professor Seymour “Sy” Goodman briefed the U.S. House of Representatives’ Science and Technology Committee on “Cyber Security Research and Development.”

Goodman serves as co-director of both the Georgia Tech Information Security Center (GTISC) and the Center for National Security, Technology and Policy (CISTP).

For more information regarding H1N1 symptoms and care, visit the Stamps Health Center Web site.

Huff Chair in Civil Engineering, Department of Civil and Environmental Engineering, Georgia Institute of Technology.

Tech, China co-host urban planning event

Tech and partner Sun Yet-sen University will host the 9th Annual International Urban Planning and Environment Association Symposium in Guangzhou, China.

The event is planned for August 2010.

www.cosa.gatech.edu

Ferst Center season announced

The Ferst Center for the Arts announces its 2009-2010 performance season, featuring classical and jazz musicians, dance groups, comedians and Pirates (of Penzance). The season opens Sept. 23 with contemporary jazz musician Keiko Matsui. Five-show ticket packages with a 20-percent discount are offered.

www.ferstcenter.gatech.edu

Research

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THE WHISTLE • JUNE 29, 2009 • PAGE 2
Although Georgia Gov. Sonny Perdue announced on June 10 the state drought was over, Georgia Tech will continue its path of conservation, both by planning landscaping projects to increase the Institute’s green space and expanding upon new water conservation and reclamation methods.

These projects—the Clough Undergraduate Learning Commons, the Challenge Course, the Nano Technology Building, the Old Civil Engineering building and Tech’s Eco-Commons—fall under the Institute’s Landscape Master Plan. Proposed in 2004 and established in 2006, Tech’s Eco-Commons would be at most universities and organizations, striving to develop “an integrated, ecologically based landscape and open space system that helps Tech achieve its goal of environmental sustainability; a landscape that enhances the living, working and learning environment; and a landscape that unifies the campus and gives it a distinct sense of place.”

Specific goals include reclaiming imperious surfaces—parking lots and paved areas—for green space and establishing the goal of 55 percent tree canopy and 22 percent woodlands coverage around the campus.

“It’s a very unique feature,” said Landscape Architect and Master Planner Annikin-Smi-Smith. “Most campuses cite their outdoor furniture—benches, accessories, that sort of thing. Ours explains how we treat the soil in different zones of campus before we plant, and what plants are preferred.”

In addition to separating the campus into zones, Boykin-Smith says the plan defines campus “design corridors” to establish a consistent style among streetscapes throughout campus. The document also helps Landscape Services in Facilities to maintain what has been planned, planted and built.

The Campus Tree Care Plan, required for designation as a Tree Campus USA (for which Tech was nationally recognized in 2008), was established as a collaborative effort between the police and Capital Planning and Space Management.

During the 2004 planning process for the Campus Master Plan, CPSM hired landscape architect and Institute consultant Rob Fisher of Robinson Fisher Associates of Athens to craft the Landscape Master Plan.

Now in its third year, the plan will be updated in the coming months to include lessons learned and other long-range project opportunities.

**PLAN**, continued on page 4

**POLICE, continued from page 1**

Spillane added that robberies overall were down in Zone 5, but that the police were seeing a more concentrated pattern. He also said the robberies were the result of more than one group, as robberies are still occurring despite the recent arrests. “There are other groups of people operating in the city of Atlanta, and their [modus operandi] is to rob people late at night walking either with one or two people or by themselves.” Students can reduce their chances of being robbed, he said, by staying in groups if they go out after 10 p.m.

To combat this, APD will increase roadblocks and traffic enforcement near Tech and in the Midtown area, as well as under cover and covert operations. “You’ll see an increase in the number of police officers around the Georgia Tech campus in the next few weeks, but there will be other people in the area who will change their behavior,” he said. “Hopefully we can see an impact when we look at the crime data [in a few weeks] that we have pushed the crime out of the area.”

The possibility of for- loughs ending for Atlanta public safety employees at the end of the month could add 20 more officers on the streets, Spillane said.

“I want to assure you that the security and safety of our faculty, staff and students are utmost in our concern and foremost in our thoughts,” Peterson told the media in attendance.

“We have reviewed these plans and the actions that have been taken prior to today, over the past month or so, and have identified several additional opportunities that we think can continue to foster the close relationship we’ve had with the Atlanta Police. [Atlanta Mayor Shirley Franklin] continues to assure me that the police department will collaborate with Georgia Tech and with other safety organizations within the area.”

Jurisdiction of the Georgia Tech Police Department extends 300 yards off Board of Regents’ property. GTPD Assistant Chief Pat Wypasek and GTPD Crime Prevention Officer Ian Mayberry look on.

Zone 5 Assistant Commander Joseph Spillane answers questions from those in attendance, as APD Sgt. Reginald Moorman, GTPD Assistant Chief Pat Wypasek and GTPD Crime Prevention Officer Ian Mayberry look on.

**SPORTS/FITNESS/RECREATION**

**EVENTS**

will be reimbursed. Call Claire Yang at 385-8589 or e-mail her at hsiang- yu.yang@coa.gatech.edu.

The Campus Recreation Center, in conjunction with the Arthritis Foundation, is hosting a Blue Tai Chi CM on every Tuesday and Thursday from 11:45 a.m. to 12:45 p.m. www.crc.gatech.edu

For a more comprehensive listing of events updated daily, visit www.gatech.edu/calendar.

**CLASSIFIEDS**
Dining Services increases its stake in sustainability

ROBERT NESMITH
COMMUNICATIONS & MARKETING

Dining Services continues to work toward zero waste, undergoing an energy audit and partnering with a national composting company to assist in campus landscaping.

Since June 1, Britain Dining Hall has been the first on-campus site to participate, stocking only biodegradable and reusable items. National composting company EnviroRelates collects all organic waste discarded by diners and delivers it to a local composting facility. When matured into a rich-soil additive, the compost will be returned to Georgia Tech. Said Marda Linderoth, program coordinator with the Office of Waste Management and Recycling, “We will reuse the compost as a landscaping soil conditioner on campus,” she said.

According to Dining Services Marketing Manager Doris Martin, the composting program will be implemented in other campus dining facilities. “Once the program is going well at Britain, we’ll add Woodruff and then it will come to the Student Center,” she said.

To better regulate its energy usage, Dining Services has contracted The Loyaltown Group and undertaken an energy audit of its facilities. “It’s an extensive audit to identify energy inefficiencies,” Martin said. “It’s our hope that we can reduce our carbon footprint by roughly 26 percent.”

And beginning fall semester, student meal plans will include reusable mugs, which will also provide a discount for purchases of fountain drinks. Since no meal plan is currently available for faculty and staff, they will be able to separately purchase the cups and participate in the discount.

For more information
www.gatechinining.com

PLAN, continued from page 3

“We’re really just cutting our teeth on it,” she said. “Many projects—like landscaping at Klaus, Old CE and others—were well under way when we started the plan. The CULC is one of the first buildings [started] under the plan.

Through the nearly two-year drought, Tech has continued to move toward more sustainable solutions for irrigation, such as using cisterns for capturing rainwater and air-conditioning condensate, as well as using an underground aquifer for watering the stadium.

With the plan, Boykin-Smith and CPSM Director Howard Wertheimer are taking a more strategic look at cistern locations around campus, both above and below ground.

“During the drought, Georgia Tech developed and implemented numerous campus-wide water conservation strategies to reduce our reliance on potable water,” Wertheimer said. “As such, we will continue on our existing course of water conservation, while looking for even greater opportunities to develop new water conservation strategies.

“One such strategy is the development and implementation of a Geographical Information Systems-based Cistern Master Plan where we will systematically capture rainwater and building condensation to meet our landscape irrigation needs and for campus water features, combined with computerized irrigation water management systems that control and monitor real-time environmental conditions such as flows, weather and soil moisture content.”

The current campus approach places cisterns near buildings as they are constructed or renovated. Boykin-Smith said that the strategic plan, utilizing the College of Architecture’s Center for Geographical Information Systems (CGGIS) mapping technology, will place cisterns more regionally, rather than within the limits of a typical building project. Cisterns placed near CULC, for instance, will help water more than just the building-specific landscaping.

“The ultimate goal is to fully eliminate drought irrigation and control the use of potable water to manage our irrigation needs,” Wertheimer said. For a list of completed projects and those under way, visit www.gatech.edu/greenbuzz.

For more information
www.space.gatech.edu

CLASSIFIEDS

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Personnel

For rent: Large 189B/2BA, 830 sf. Midtown condo, located at elegant 800 Peachtree. Light, gym, game room, theater, pool. Covered, secure parking, 2 blocks from Tech, Fox, MARTA. Available July 1, $1,100/month. E-mail apartment. peachwit@gmail.com.

For rent: 289B/2BA townhouse at Cross Creek Condominiums, near downtown. HW floors downstairs, updated kitchen with new appliances, bathroom's updated, large courtyard patio, end unit. Available June 1, $1,400/month. E-mail aptnyc98@hotmail.com for info.

For sale or rent: 489B/2BA, 3.2, 3-level, 3,250-sq. ft. home in a well-maintained swim-tennis neighborhood with convenient access to highways, shopping malls and Tech is available for a reduced price of $510,000. Rent: $2,500/month. For more info call 894-0029 or e-mail krishnah.paranjothy@flhs.gatech.edu.


FURNITURE/APPLIANCES

African Dawn living room set, w/ full size couch, love seat, chair (w/ pillows), ottoman. Like new. Also: five drawer dresser, matching table set (with matching chairs and mattress, three and matching floor arrangements. $675. Call 770-400-8000 for more info.

Bedroom set: headboard, dresser/mirror, night stand, chest, modern style, medium wood tone, exc. cond. $350. Antique bronze chandelier, 9 lights, two tiers. $34/diameter/43 tall. Unique. 599-400-5372 or evandevondex@gatech.edu for pics or more info.

Coffee table, 42” diameter glass top w/ wood trim, exc. cond. $25. Antique bronze chandelier, 9 lights, two tiers. $34/diameter/43 tall. Unique. 599-400-5372 or evandevondex@gatech.edu for pics or more info.

Dining room set. Solid, wood construction; mahogany stained. Table is 74” x 42”, 4 chairs, (2) matching animal print pictures, three (2) matching chairs, and two matching table top covers. $999. E-mail kimwilsonmka@aol.com.

For rent: 2BR/1BA townhouse at Cross Creek Condominiums, near downtown. HW floors downstairs, updated kitchen with new appliances, bathrooms updated, large courtyard patio, end unit. Available June 1, $1,400/month. E-mail aptnyc98@hotmail.com for info.

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MISCELLANEOUS

Apple G4 Quicksilver 800MHz PPC 1.5GHz RAM, two 80GB HDDs, OS X, Tiger 10.4, DVD/CD-RW, Airport Wi-Fi, M-Audio 7.1 USB surround card, keyboard & mouse. 47” Apple TV, $650. For more info, call: 404-310-5970 or e-mail sammartin1987@gmail.com.

Two used large dog-houses for sale. Will hold 100+ lbs dogs easily. New ones cost more than $125. Will sell these used ones for $25 each. For pics or info, e-mail kay.kinard@cox.net.

Check out more ads at www.whistle.gatech.edu. Ad space is available for those interested in running ads on this site at editor@comm.gatech.edu.

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