Police Apprehend Campus Criminals

KRISTEN BAILEY  
INSTITUTE COMMUNICATIONS

After months of investigations and what Captain Mickey Hembree of the Georgia Tech Police Department (GTPD) calls “good police work,” several criminals who posed a threat to the Tech community have been apprehended and are behind bars.

The first recent success came with the apprehension of Terrance Watley (also known as “Boo Boo”), the second suspect sought in the July armed robbery in the North Avenue Apartments. Working with Crime Stoppers, the service that provides rewards for information leading to arrests, GTPD received tips that Watley was in the Decatur area.

GTPD then contacted the DeKalb County Fugitive Squad, and about 27 hours later, Watley was located outside an apartment complex in the southwest part of the county. “This was one of the first times we’ve used Crime Stoppers, and it was very beneficial in this case,” said Hembree, who serves as commander of GTPD’s Criminal Investigation Division (CID). Five other officers work in CID, and all had a hand in this particular case. “We did a lot of good police work and a lot of video review. It was truly a team effort.”

During the investigation, GTPD also worked with the Atlanta Police Department, College Park Police Department and the Bureau of Alcohol, Tobacco, Firearms and Explosives. “We want the criminal element to know we will exhaust all our means in investigations,” Hembree said. “We take it personally when someone goes after our students.”

In another investigation, Dennis Barry, Thaddeus Howard and Darryl McCrary were arrested for involvement in various incidents of stolen belongings from the Campus Recreation Center (CRC) and its neighboring fields.

McCrary is what Lieutenant Carla Cook calls a “career criminal” and has a history of theft in workout facilities and universities. Police used video footage and undercover patrols to catch McCrary in the act and tracked purchases he made with stolen credit cards to the Target at Atlanta Station.

Despite getting a few of Tech’s most wanted off the streets, police continue to look for the Bunker-Henry Building get its name?

According to Marilyn Somers, director of the Living History Program, Henry Bunger was head of the School of Chemical and Biomolecular Engineering from the 1930s to 1941. A.V. Henry was head of the School of Ceramic Engineering in the 1930s and 1940s. When the Chemical Engineering-Ceramic Engineering Building was built in 1964, it was known by that name until around 1970, when it was renamed the Bunker-Henry Building, in recognition of the men who were the first leaders of these disciplines.

Have a Tech-related question that you’d like answered? Email it to editor@comm.gatech.edu.

NEWS BRIEFS

Tech Honored for Efforts to Increase Minorities in Engineering

The National Action Council for Minorities in Engineering presented its annual University Rising Star Award to the Institute for its commitment to supporting minorities in engineering. Learn more at tinyurl.com/sppj49

Cycling App to Assist City with Decisions

Thanks to a new Tech-developed iPhone app, cyclists can track their rides while providing data to help the City of Atlanta make better decisions to support cyclists’ needs. Read more at tinyurl.com/cvupjsx

Faculty Make Changes to Student Regulations

AMELIA PAVLIK  
INSTITUTE COMMUNICATIONS

Following the Oct. 23 meeting of the General Faculty and Academic Senate, students will now have two hours and 50 minutes to complete all final exams and may be limited in the number of credit hours they can register for during Phase I of registration.

According to the addition to the exam guidelines approved during the meeting, students will have a consistent amount of time to complete exams, unless it is otherwise stated in the syllabus. Students must be notified of any changes to the duration of a final exam at least two weeks prior to the first day of finals week.

This change was made so that students would always know how much time they have to complete an exam, explained Chuck Parsons, chair of the Student Regulations Committee.

With the change pertaining to Phase I registration (the first opportunity students have to register for classes for a given semester), undergraduate students may register for a maximum of 18 credit hours for fall and spring terms, while graduate students may register for a maximum of 21 hours, depending on the needs of the program or school.

“This change was necessary to give all students the best chance at constructing a workable schedule for the next term,” said Registrar Reta Pikowsky. “A registration task force that included students and academic advisors concluded that having this option available would benefit all students by ensuring that the Phase I schedules would be constructed around courses that were deemed necessary to meet degree requirements.”

In addition, Provost and Executive Vice President for Academic Affairs, De, students and alumni — that was founded in 2006 by veterans who have Georgia Tech as a common interest,” said Tim Boone, president of GTMAG and a senior research associate at Georgia Tech Research Institute. “We encourage anyone interested to join us as we strive to honor service to this school and our country.”

The festivities will kick off with a complimentary lunch, for both students and Tech employees who are veterans, at the North Avenue Dining Hall on Monday, Nov. 12.

“‘We are an organization — open to faculty, staff, students and alumni — that was founded in 2006 by veterans who have Georgia Tech as a common interest,’” said Tim Boone, president of GTMAG and a senior research associate at Georgia Tech Research Institute. “We encourage anyone interested to join us as we strive to honor service to this school and our country.”

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FACULTY, continued on page 2

VETERANS, continued on page 3

www.whistle.gatech.edu
**BME Researchers Take on Breast Cancer**

**COLLEGE OF ENGINEERING**

Throughout October, The Whistle has highlighted how Georgia Tech researchers are participating in the fight against breast cancer.

Here are some of the ways researchers in the Department of Biomedical Engineering are contributing to the fight.

**Predicting Which Chemotherapy Treatment will Work Best**

Associate Professor Melissa Kemp is using a computational modeling and systems-level approach to better understand the metabolic pathways of one of the most commonly used drugs for breast cancer treatment, doxorubicin. With this approach, Kemp is able to predict how cancer cells from a patient are going to react to the doxorubicin chemotherapy based upon the individual's enzyme levels.

Professor Ravi Bellamkonda's research group is developing a contrast agent to quantify breast-cancer blood vessel leakiness in mice. This allows the researchers to predict how successful doxorubicin treatment would be. Based on these predictions, the researchers correctly predicted whether administering the drug would significantly shrink breast cancer tumors in the mice.

**Improving Diagnosis With Better Mammography Images**

Professor Brani Vidakovic is developing new methods to enhance the resolution of microcalcifications in digital mammograms. Cancerous cells cause microcalcifications that are usually very small (0.1 mm to 1.0 mm) and difficult to detect. By using a wavelet-transform algorithm, researchers are able to get improved visualization of smaller details.

In a recent study, the new wavelet procedures correctly identified cancerous tissue with 86 percent accuracy, compared to 55 percent from current methods of visual inspection. Vidakovic is working on this research in collaboration with Mary Nowell, a radiologist at Emory University's Winship Cancer Institute.

**Online Institute Policy Library Now Available**

Institute Communications

If you've ever tried to track down an Institute policy, you know it can be a challenge — until now.

A new online Policy Library featuring a one-stop-shop for all policies that impact the Georgia Tech community is now available.

“We realized there was a need to bring diverse volumes of campus policies and procedures together, make them clearer and ensure they are better harmonized,” said Ron Bohlander, secretary of the faculty, who was a part of the Institute Policy Task Force that developed the library. "This Policy Library initiative promotes better collaboration and communication, hallmarks of a great campus community.”

To help users find relevant information, the library is fully searchable and is organized into policy books, including the following: business and finance, campus use and facilities, Faculty Handbook, Information technology, legal, personnel, records and publications, research support and student life.

(Continued from last page)

**FACULTY, continued from page 1**

Affairs Rafael L. Bras asked Pikowsky to examine the issue further to determine if a better way could be found to address the concerns with Phase 1 registration.

In other meeting news:

• Bras announced that a second town hall focused on online learning would be held on Dec. 6 at 11 a.m. in room 1116, Klaus Advanced Computing Building. RSVP for the event at http://provost.gatech.edu/town-hall/rsvp.

• The Georgia Tech Charitable Campaign will run through Nov. 30. For more information about how to make a donation, visit www.charitable.gatech.edu.

• An online policy library is now available at www.policylibrary.gatech.edu. (See the article to the right for more details.)

• Standing committees of the General Faculty and Academic Senate presented their annual reports and pending minutes.

Future meetings will be held on Nov. 27, Feb 19 and April 23 at 3 p.m. in the Student Center Theater. To view the meeting agenda and supporting documents from the October meeting, visit www.facultygovernance.gatech.edu
Carter to Step Down as Leader of Foundation

INSTITUTE COMMUNICATIONS

After almost 30 years of service to Georgia Tech, John Carter will step down from his role as the Georgia Tech Foundation president and chief operating officer (COO) on June 30, 2013.

“I want to thank everyone for their unbelievable support and timely advice over the years,” Carter said. “I promise to continue my connection with Tech. Heck, after many years here as a student and employee, my blood has turned bright gold.”

Carter, who earned his bachelor’s degree from Tech, was hired as director of marketing for the Alumni Association in 1983 and was named vice president and executive director two years later.

During Carter’s time in that role, the Alumni Association was recognized as the best Alumni Association in the country in 1989 and 1990 by the Council for the Advancement and Support of Education.

“The Alumni Association Board of Trustees, the staff and many alumni volunteers set out on a mission to win this award,” Carter said. “I have never seen a group of people band together like these alumni and staff did.”

In 1999, he accepted a role at the Georgia Tech Foundation Inc. as vice president and COO, eventually moving into his current role as president and COO. (The Foundation’s primary role is to manage the Institute’s financial investments.) One of the projects Carter is most proud of from his tenure at the Foundation is the development of Tech Square.

“The Foundation Trustees, together with the Georgia Tech administration, worked tirelessly to think out of the box, while minimizing the risks involved with such a project — and there were many,” he said. “Tech Square has been extremely successful, by any measure, and is proof that Tech alumni can take on difficult challenges and achieve outstanding results.”

www.gtf.gatech.edu

Register for Women’s Leadership Conference

VETT VANDIVER
INSTITUTE COMMUNICATIONS

Whether it’s learning about the benefits of independent travel or how to broaden your leadership horizons, this year’s Women’s Leadership Conference (WLC) offers something for everyone.

“The Women’s Leadership Conference has been noted as one of the best, if not the best, professional conferences faculty and staff can attend,” said Colleen Riggle, assistant dean of students and director of Georgia Tech’s Women’s Resource Center. “The conference offers an array of speakers, topics and workshops that apply to all members of the Georgia Tech community. It is also beneficial for students, faculty and staff to have this opportunity to interact and network over the course of two days.”

For 13 years, the WLC has brought women together to promote leadership. It is open to anyone — whether male or female — from Tech, the Atlanta area and beyond. The event is planned by Tech students who are advised by the Women’s Resource Center.

“I chose to become a part of the planning committee for the WLC because it’s the perfect opportunity for women from a variety of backgrounds to come together and celebrate exceptional achievements and learn new personal leadership skills,” said Megan Sweeney, a fourth year industrial engineering major and chair of the conference.

This year’s conference theme is “Horizons” and aims to broaden the personal, professional and global horizons of all attendees. The event will open on Nov. 2 at 5 p.m. on the third floor of the Student Center with a networking reception, dinner, recognition of the 60th anniversary of women at Tech and a keynote address from alumna Lara Hodgson.

The 2012 Women of Distinction Awards will also be presented, with awards going to an outstanding faculty and staff member, alumna, and graduate and undergraduate student.

The conference continues on Nov. 3 with breakfast and a keynote address from Ann Cramer, director for corporate citizenship and corporate affairs for the Americas at IBM. The lunch keynote will be delivered by Tisha Tallman, president and CEO of the Georgia Hispanic Chamber of Commerce.

Participants will also have the opportunity to attend three breakout sessions. A few of the sessions that will be offered include:

• Sizing up Leaders: How Body Image and an Emphasis on Sizes Influences Women’s Leadership
• Balance Matters: Creating a Life True to Oneself
• Best Practices for Imagining a Future of Feminist Leaders: The Social Change Model of Leadership
• The Benefits of Independent Travel

The cost is $15 for students and $30 for nonstudents. Email Riggle at colleen.riggle@vps.gatech.edu to register, or register on site at the conference. To learn more, visit womenscenter.gatech.edu/wlc.

VETERANS, continued from page 1

the North Avenue Dining Hall on Monday, Nov. 12, from 11 a.m. to 3 p.m. Those interested in attending should contact Arthur Hughes at arthur.hughes@dev.gatech.edu to pick up a ticket.

In addition to lunch at the dining hall, the Georgia Tech whistle will blow at 11:11 a.m. on Nov. 12 to honor the end of World War I, which occurred during the 11th hour of the 11th day of the 11th month. A Veterans Day Memorial will also be held at the Campanile at 11 a.m. to noon.

The week will wrap up with a GTMAG Army, Air Force and Naval ROTC vs. Tech vs. Duke football game (kickoff time is to be announced) on Nov. 17, which will also be Military Appreciation Day. Members of the campus community who are veterans are invited to attend the tailgate, which will begin a few hours prior to kickoff.

Any veteran interested in attending the Nov. 17 game can purchase discounted tickets ($20 for gray area seats, $30 for blue area seats and $40 for yellow area seats) by contacting Maggie Gendernalik at mgendernalik@ttc.gatech.edu.

Camping Teal tech female roommate wanted to share

This year’s Women’s Leadership Conference will be held on Nov. 2 and 3.

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www.womenscenter.gatech.edu/wlc

FORUMS & WORKSHOPS

Wardlaw Center. Learn more at www.oie.gatech.edu. The November forum will honor employees who have or will retire between Jan. 1 and Dec. 31, 2012. For more information, visit www.ohr.gatech.edu/openenrollment.

November 28

The Institute’s Retirement Dinner, which will honor employees who have or will retire between Jan. 1 and Dec. 31, 2012, will be held at 6 p.m. at the Wardlaw Center. Learn more at tinyurl.com/bo7zphq2

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

REAL ESTATE & ROOMMATES

www.ohr.gatech.edu/annualbenefitsopenenrollment

For more information about GTMAG and upcoming events, email Boone at Timothy.Boone@gtri.gatech.edu.

INSTITUTE COMMUNICATIONS

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November 8

The Student Center and Dining Services have partnered to bring local, sustainable food to the Georgia Tech community’s fingertips on Thursdays through Nov. 15 from 11 a.m. to 2 p.m. on Tech Walk.

www.ntinurl.com/4g64sdm

November 9

This is the final day of Georgia Tech’s annual benefits open enrollment period. For more information, visit www.ohr.gatech.edu/annualbenefitsopenenrollment.

REAL ESTATE & ROOMMATES

Furnished home available in hp East Atlanta. 3BR/2bath, screened-in porch, art studio, in-law suite, kitchen and huge backyard. Available Aug. 15 to June 1 (preferable February; $1,450/mo. plus utilities. Contact lara.birn@hts.gatech.edu.

3BR/3BA condo in Vinings. 15 to 20 minutes to Tech. Unparalleled amenities, penthouse level, two parking spaces, upgrades and spectacular views. $499,000. Contact Eanis at 404-931-9922.

Looking for tidy roommate for our newly renovated Atlanta Station home. $350/mo. plus utilities. Fully furnished with new granite countertops, cabinets and gas stove. Email biblical@gt.edu.

Female roommate wanted to share


Commuting Tech female seeks female roommate for studio with room divider next to Tech Square. $650/mo. Available now. Call 404-578-4168.

Room for rent in Kennesaw area. Private bathroom w/washer and dryer, kitchen privileges, free Wi-Fi and DIRECTV/HO. All utilities paid. $450/mo.; no deposit required. Available Nov. 1. Call: 678-697-3984.

www.womenscenter.gatech.edu/wlc
The Children's Campus Day Care Opens

Tech's First Lady Valerie H. Peterson reads to the crowd at the Oct. 16 opening of The Children's Campus, Georgia Tech's newest day care. The facility is currently accepting applications for faculty, staff and student families for all age groups from six weeks through preschool. Call the center at 404-385-2248 for more information.

Classifieds

Classifieds

The American College of Sports Medicine recommends that adults get at least 30 minutes of moderate-intensity activity on most, but preferably all, days of the week. Aerobic exercise is the mainstay of fitness training, but strength training is also important. A fitness program should include both aerobic and resistance training.

Stress Management is Key to Dalton's Success

AMELIA PAVLIK
INSTITUTE COMMUNICATIONS

From making a judgment call to hospitalize a mentally ill student to conducting a one-on-one counseling session with a student with an eating disorder, Irene Dalton's days are filled with listening to and dealing with the stress and worries of others.

"In a job like this, especially when things are hectic around the Counseling Center, self care becomes really important," said Dalton, a psychologist in the center. "Counseling students is rewarding, but it can also be very stressful. And we’re no good to the students if we don’t take care of ourselves."

That’s why Dalton has developed her own coping mechanism for maintaining her happiness — she makes a daily lunch trip to the Campus Recreation Center (CRC).

"I do the stair climbing machine, because I think it’s the most efficient way for me to get a good cardio workout," she said. "Coming to the CRC is a distraction that allows me to recharge."

Taking on the role of graduate student practicum coordinator is another way that Dalton copes with the stress that can come with counseling students.

"Although I enjoy counseling, sometimes it’s nice to change gears," she said. "As a practicum coordinator, I get to focus on training students who want to do what I do. Being able to do this in addition to counseling three to four students a day helps me balance the stress that comes with listening to students talk about their problems."

Read on to learn more about Dalton and her time at Tech.

What did you want to be when you were a child?

In elementary school, I think I took a career test that indicated I should be a pharmacist. Careers in science run in my family, so this made sense. But over the years, my interest shifted to psychology.

What is the most rewarding part of your job?

It would have to be watching the students I work with learn to deal with their problems and grow into successful adults. For example, I worked with a young man who was diagnosed with severe depression. At some point in our conversations, he became more open to medication and taking gradual steps to improve his health — like getting more sleep and exercise. By the time he graduated, the student was doing much better. A few years later, I received an email from him saying that he was married and living a healthy lifestyle. These moments remind me of why I do this for a living.

What is the one piece of technology you couldn’t live without?

My iPhone. I try not to fiddle with it during the day, but I do love to play Words with Friends.

Where is your favorite place to have lunch?

That would be Spoon, and I love the panang curry with tofu and vegetables.

What is the biggest risk you’ve ever taken — did it pay off?

My biggest risk was to pick up and move to Georgia at age 23 to pursue a doctoral program in psychology. I had not moved much up to that point, and all of my friends, family and much of my extended family lived in the Washington D.C. area. So to leave the only place I knew as home to move to a new culture (the South is very different from the D.C. area) where I didn't know anyone was scary. But it paid off — I've lived in Georgia for 21 years and consider it home.

If you could have dinner with one person, dead or alive, who would it be?

I'd want to get to know my maternal grandfather, who I never met. He died of lung cancer. I believe he’d want to emigrate from Armenia, and I’ve always wanted to speak to him about his experience.

Tell us the best advice you’ve received.

It’s always better to listen than talk, meaning you can learn a lot about a person by listening — not by talking at them.

What do you like to do in your free time?

Any spare time my husband and I have is spent with my 10- and 4-year-old daughters.

Looking for handicap-accessible apartment or small house in Atlanta to rent. Cousin was in diving accident and in wheelchair but doesn’t want to move back home. Wants to stay in Atlanta. Email lchewell@gatech.edu or call 404-436-5803.

Thomasville bookcase, twin bed and Junior storage drawers for sale. Great condition. Bed measures 42.5 in. wide by 90 in. long. Bookcase is 12 in. deep. Two junior storage drawers underneath measure 37 in. wide by 39 in. deep by 9.5 in. deep. $175. Email msg624@gmail.com.

Adopt a tame and abandoned GT kitten or cat. All are spayed/neutered with shots. Free adoption for GT employees and students. Visit www.kirazayaboutcats.com or email Marilyn Smith at marilyn.smith@gatech.edu.

Lamond Poprad Cymbiococcus bicyclic, 57 cm, frame, Shimano 105 compo- nents, excellent condition, $700. Riddenrecklesslyonline.com. $800. Email angela2d12@gmail.com.

Old Town 147 canoe, like new. Includes canoe and car carrier, two seats with backs, two paddles and mount for elec- tric motor. Call Joe at 404-849-1193.

Full-size sleeper, $100. Reclining chair w/ ottoman, $75. Brown metal dining glass table w/chairs, $75. Three decorative paintings, $25. Wicker loveseat/ottoman, $100. Microfuzzy, $40. Email angelastrong@gtalumni.gatech.edu.

German shepherd puppies. Black and tan/white available. CKC registered. Call or text 706-410-5883 for more info and pictures.

MISCELLANEOUS

Beautifull sevsa, loveeat and double otto- man for sale. One owner, great condition. Neutral fabric with no tears and no stains. Please email alicia.styler@spcogatech. gatech.edu.

To volunteer, visit www.campusseniorcenter.gatech.edu and click on the first link under “Volunteer.”

The children’s Campus Day Care Opens

In 1997, the first TEAM (Tech Enhancing Atlanta Metropolitan) Buzz Service Day was introduced to unite students, faculty, staff and alumni under Georgia Tech’s motto: “Progress and Service.”

This year’s event will kick off on Saturday, Nov. 3, at 8 a.m. at the Campanile. At 8:30 a.m., groups will go into the community to work on service projects until 1 p.m.

This annual event draws more than 2,000 participants and features service projects ranging from decorating for the holidays in Centennial Olympic Park to assisting the Atlanta Fulton Public Library System with hug-and-painting tasks to working in the Unity Garden at Chattahoochee Nature Center. To volunteer, visit http://main.teambuzz.org