Inside:

THE WHISTLE

FACULTY/STAFF NEWSPAPER | Volume 33, Number 34 • October 13, 2008 | THE GEORGIA INSTITUTE OF TECHNOLOGY

Sciences reorganized for energy research

Robert Nesmith
Communications & Marketing

Professor Thomas Orlando, former chair of the School of Chemistry and Biochemistry, has joined the College of Sciences administration to help organize the College's efforts in Institute-wide energy research. Regents' Professor Charles Liotta will serve as interim chair.

Thomas Orlando

Dean Paul Houston made the appointment in early September, hoping to align the College to be better able to respond to calls for energy-research proposals from both the Institute's Strategic Energy Initiative (SEI) and national research organizations.

"When I arrived at Tech in July, many of the directions that needed to be pursued by the schools within the College were clear to me, but it was less clear how the College would contribute to Institute initiatives such as energy," Houston said. "We certainly had some major researchers in this area, but, while successful on the individual investigator level, we had not yet responded successfully to National Center of Excellence opportunities. With alternative energy likely to be a major initiative of the coming federal administration, we need to position the College so that it is organized to compete."

Charles Liotta

Liotta cites Orlando's own research interests as reasons for the appointment.

Sciences *continued, page 3*

Tech duo honored for 50 years' service

Robert Nesmith
Communications & Marketing

When Ruthie Beck started working at Georgia Tech, Dwight D. Eisenhower was a year away from succeeding Harry S. Truman, Sean Connery was 11 years away from starring as Ian Fleming's James Bond and Studebaker and Packard automobiles were still in production. A deli server at the Student Center's food court, "Ms. Ruthie" is still going strong after 56 years.

At a reception last week, her daughter, granddaughter, nephew and more than 30 of her friends from the New Horizon Senior Center attended a celebration of her "lifetime of service" to the Institute. In addition to a certificate of service from Interim President Gary Schuster, an engraved clock and a $100 VISA gift card, the renovated deli counter in the food court was officially unveiled as Ms. Ruthie's. (The Student Center held a contest to rename the deli after renovations. Chris Dreger, box office manager at the Ferst Center for the Arts, suggested the new name.)

Submitted photos

'Ms. Ruthie' Beck (left) and Dot Whitaker were recognized for their service to Georgia Tech over the last half-century. The deli counter in the Student Center was named for Beck and the café in Brittain Dining Hall was named for Whitaker. Also pictured are Todd Schram, general manager of Georgia Tech Dining, and Rosalind Meyers, associate vice president of Auxiliary Services.

Auxiliary Services Associate Vice President Rosalind Meyers joined managers from Sodexo Campus Services in saluting the 82-year-old Beck—who still hasn't planned on retiring. "At Ms. Ruthie's 50th anniversary a few years ago, (former Tech President G. Wayne) Clough said, 'She was working here when I

Service *continued, page 3*

A conversation with ...

Professor Adam Stulberg discusses events surrounding the Georgian–Russian conflict

Sam Nunn School of International Affairs Associate Professor Adam Stulberg gives some insight into the recent conflict between Georgia and Russia. He will serve as moderator for the second panel of the "Workshop on the Russo-Georgian War," held at Emory University Oct. 16.

In August, Georgian forces shelled the South Ossetian capital of Tskhinvali, which spurred Russia to move into the region the following day. Within the next few days, Russian forces moved through Southern Ossetia into Georgia. Following a tenuous cease-fire, Russia officially recognized Southern Ossetia and Abkhazia—two breakaway enclaves of Georgia—as independent nations, complicating relations with Georgia.

What precipitated this conflict?

In days leading up to the conflict, there was some escalation of attacks on Georgian police, and some firing coming from within Southern Ossetia targeting different villages (within Southern Ossetia) that had predominately Georgian nationals. Georgia marshaled a response to that—albeit a disproportionate one—by shelling indiscriminately within Southern Ossetia. This provided the pretext for Russia to respond disproportionately. Russia went and surrounded Gori (in Georgia), and then there was a push from the western part of the country, via the sea and Abkhazia.

I would say there's enough responsibility—or guilt—to go around. The Georgian leadership had their own political agenda, which ended up pushing the issue, to get a settlement on their territorial integrity. The Ossetians and Abkhazians were inflaming the situation with their attacks on Georgian police.

Georgia *continued, page 2*

Imaging system would aid in disaster response

Abby Vogel
Research News

Georgia Tech Research Institute (GTRI) researchers have developed a low-cost, high-resolution imaging system that can be attached to a helicopter to create a complete and detailed picture of an area devastated by a hurricane or other natural disaster. The information retrieved can be used to estimate the number of storm refugees and assess the need for health and humanitarian services.

Photograph by Gary Meek

Researchers Gary Gray (left) and David Price insert a USB drive loaded with mission parameters into an imaging system they developed to estimate refugees after a natural disaster.

Aid organizations currently are without a quick and accurate way to determine how many people need assistance. Satellites can collect images of affected areas, but restrictions and cloud cover can prevent image collection.

"Without a real-time map, it's very hard

Images *continued, page 3*

"QUOTE-UNQUOTE"

"If we make conscious robots, they would want to have rights and they probably should. There will be people who can't distinguish that, so we need to have ethical rules to make sure we as humans interact with robots in an ethical manner so we do not move our boundaries of what is acceptable."

—Henrik Christensen, director of the Robotics and Intelligent Machines Center, speaking on the need for ethics during the pursuit of artificial intelligence. (DigitalJournal.com)

Tech's philanthropic generosity sets Institute apart

The following was written by Interim President and Provost Gary Schuster for his "Notes from the Hill" blog, which is updated weekly. Visit **www.gatech.edu/blogs/president**.

Over the last couple weeks, I attended and participated in meetings of the Georgia Tech Foundation and the Georgia Tech Advisory Board. Both groups are comprised of individuals who have given selflessly of their time, advice and, in some cases, personal resources, to support Tech and to guide us to higher levels of achievement and recognition. Philanthropy takes many forms and we are fortunate that so many have given so kindly of their advice, money and guidance for so many years.


Gary B. Schuster

I have often felt that many at Tech think of philanthropy as the icing on a cake that is primarily made of state support, tuition and research revenue. In my view that conclusion is largely invalid. The support we've received from alumni, friends, corporations and foundations has made Georgia Tech what it is today—one of the nation's top 10 public universities. Those attributes that distinguish us from many other public universities—the biotechnology complex is one prime example—wouldn't exist if not for philanthropy.

It is philanthropic generosity that provides funding for the endowed chairs held by some of our most distinguished faculty members. Those endowments provide discretionary funds to explore new ideas, support deserving students and enhance the educational experience. Those chairs and the faculty who hold them help to define Georgia Tech and have built the reputation we are so proud of today. It is philanthropic generosity that supports our President's Scholars, Tech Promise program and many other student scholarships. Our campus is enriched by the diversity of students whose attendance is made possible or supported by the gifts of others.

Interestingly, the Greek root of the word "philanthropy" means love of humanity. Philosophers (by the way, from the Greek word for love of knowledge) tell us that philanthropy and altruism are deeply rooted in our culture, a special human value that benefits both giver and receiver. At Georgia Tech we proudly acknowledge the generosity of our friends and alumni.

The Georgia Tech community knows the value of giving and the value of altruism. This is a community that understands that with the privilege of receiving the philanthropic support comes the responsibility of giving to the members of our larger communities who are least able to sustain themselves. The annual statewide Charitable Campaign offers the ideal vehicle for doing so. The Charitable Campaign is a very well managed and broadly based program that allows faculty and staff members to support a wide variety of valuable organizations and causes throughout metro Atlanta and beyond. My wife and I are regular supporters of the Charitable Campaign, and in this year of challenged economies we will increase our support. It's important for us to give more now because the needs are greater than they have been in the past.

I can appreciate the stress posed by the current economic climate, but I also hope that all of our faculty and staff members will consider the unprecedented challenges now facing some of our friends and neighbors and respond with enthusiasm, generosity and philanthropy to the Charitable Campaign.

Georgia Tech

THE WHISTLE

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Photos by Rob Felt, unless noted

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Georgia Tech
Communications & Marketing
Wardlaw Center
177 North Avenue
Atlanta, Georgia 30332-0181

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Georgia, *cont'd from page 1*

The Russians, of course, responded disproportionately to this, and were eager to extend their operations from pure defense and rescue of Southern Ossetia to extending their perimeter of safety.

Do you think this was a message to Ukraine or any other nations in the region?

All of these conflicts have their own internal logic. One of the interesting puzzles of the region is that you have a number of frozen conflicts—Azerbaijan, issues in Georgia and Moldova and Ukraine. I would argue this problem with Southern Ossetia stems from the collapse of the Soviet Union and the subsequent politics that have emerged with the change in leadership, and the rancor between Tbilisi and Moscow.


Adam Stulberg

I think the message being sent is that Russia's national interests need to be taken into account. There has to be a sensitivity to balancing between respect for Russia's national interests and pursuit of any other opportunity—be it toward another country, toward the West or toward NATO. And as you get closer to the former Soviet space, those lines become more prominent for Russia.

What part did the West play—or not play—in this event?

Ultimately, I think this (scenario) was avoidable, that all parties acted irresponsibly and that diplomacy had basically broken down, certainly on our side. Our policy toward the region has been absent. We sent mixed signals, and at best, our policy toward the whole region—the former Soviet space in general—is really derivative of other conflicting principals and actions in other areas. We don't have a coherent policy toward Russia and the former Soviet space, despite the fact that it's that part of the world that can exacerbate and in some cases be decisive in affecting our No. 1 security interests, such as nonproliferation, and our concerns about terrorism, energy and international security. In that part of the world, Russia plays a very important role.

Yet we don't look at Russia in that area of the world as drivers of these issues, we look at them as effects of these other issues. I think we have a diplomacy toward the region hamstrung by internal debate within Washington. And so, we send conflicting signals.

What about looking forward? What should we be looking for?

There's a cease-fire accord. Russia complicated it by not only dragging its feet in pulling out of the territory of Southern Ossetia, but it has now officially recognized Southern Ossetia and Abkhazia as independent entities, leading to a much more complicated international crisis. There are three things that have to be kept in mind moving forward: respect, proportionality and responsibility.

The Georgian leadership needs to respect Russian national interests, as do the United States and the West. This is the Caucasus, where Moscow doesn't always have complete control and they're very sensitive about that. Russia needs to respect territorial integrity and Georgia's sovereignty.

Obviously, the Georgians overreacted to the problems coming from Southern Ossetia, and the Russians overreacted to what the Russians did. And now there's the threat that (the United States) is going to overreact to the Russians in that we're threatening sanctions, not interacting with them in NATO, not inviting them to participate in the WTO and possibly kicking them out of the G8.

So what then should the U.S. do?

We need to walk Russia back from this recognition of the independence of these enclaves, and we need to do it in a way that works through existing international institutional mechanisms, so that we don't add another complicated or conflicting precedent into the mess. That's only going to escalate tensions.

"A conversation with ..." runs occasionally in The Whistle. For more, visit **www.whistle.gatech.edu**.

Workshop on the Russo-Georgia War

Held Oct. 16, in the Cox Hall Ballroom at Emory University.

"Perspectives on the Caucasian Conflict," from 4 to 5:30 p.m.

"The Conflict's Shockwaves," from 7 to 8:30 p.m.

For more information and to RSVP, visit **www.inta.gatech.edu**.

Services, *cont'd from page 1*

was a student.' We're thrilled that our new deli will be named for her, because that way her name will be around here for a long time—even if she does ever decide to leave."

Across campus, a lunch and reception in Brittain Dining Hall honored cook Dot Whitaker for her 50 years of service. In addition to a certificate, gifts and a plaque honoring her service, the dining hall café where she works was christened "Ms. Dot's Café."

Both women received a plaque, to be mounted at the deli and café. It reads, in part, "We make a living by what we get, we make a life by what we give."

Sodexo General Manager Todd Schram said it was unique to have two individuals pass the half-century mark. "I've worked with a few 30- to 35-year employees, but I've never worked with a 50-year worker, let alone two of them."

A few weeks ago, Schuster held a private lunch honoring the duo's century of service to Tech.

"Ms. Ruthie and Ms. Dot are special examples of staff members whose commitment to Georgia Tech has helped to make us the institution we are today," Schuster said.

"Much of what we have accomplished is dependent upon the dedication, hard work and loyalty of staff members.

They each have inspiring stories of sacrifice and determination that have brought them to this place and time. I'm proud to have them among our community and as mentors to our staff, faculty, and students."

When asked about all the commotion for her service, Beck answered simply. "It's too much ... it's too much," she said.

Interim President and Provost Gary B. Schuster hosts a lunch for Ruthie Beck and Dot Whitaker, celebrating each of their 50 years of service to Georgia Tech.

Images, *cont'd from page 1*

to do population estimates and demographic estimates to figure out where people are, how they're moving, how they're spaced out and even how many people you have on the ground," said Benjamin Sklaver, a project officer from the Centers for Disease Control and Prevention (CDC) International Emergency and Refugee Health Branch. "This technology does not exist currently, so GTRI's imaging system is really an innovative project."

The imaging system was developed with funding from the CDC, and agency officials expressed interest in using this device as soon as possible. After responding to the devastation caused by hurricanes Hanna and Ike, the CDC asked GTRI to accelerate delivery of the imaging device.

"We plan to package the system for use on Coast Guard UH-60J Black Hawk helicopters, which were among the first to fly over Haiti following Hanna's devastation," said David Price, a GTRI senior research technologist.

The imaging system—designed by Price and senior research engineer Gary Gray—is called the "Mini ModPOD," which stands for "Miniature Modular Photographic Observation Device." It consists of a Canon Digital Rebel XTi digital camera, a global positioning system receiver, a small circuit board that uploads mission parameters and a unit that measures the aircraft's rate of acceleration and rotational changes.

"During the first test flight, we wanted to test the clarity and resolution of the images collected during the run, and we were very pleased," said Price. "We could see tennis balls on the ground and people reading books at outdoor tables. This was sufficient detail to allow accurate counting of the number of people in an area."

For more information...

Georgia Tech Research Institute
www.gtri.gatech.edu

Sciences, *cont'd from page 1*

"Dean Houston thought that Thom would be a natural leader for the development of energy initiatives in the College," said Liotta, the former vice provost for Research and dean of Graduate Students. "The College had not yet made a really big concerted contribution to (SEI). As his research directly deals with energy, he is the ideal person for this."

According to Liotta, while several College of Sciences faculty are part of and contribute research to SEI, the majority of researchers are from the College of Engineering. "Since Georgia Tech's culture is one that emphasizes interdisciplinary research in order to address real world problems, it's very important that we work with those in Engineering and other disciplines, and Thom will provide the leadership necessary to bridge these groups."

As an example, Orlando was involved in coordinating one of three recent submissions to establish a Department of Energy–supported Energy Frontier Research Center (EFRC), which would focus on developing novel nano-structured surfaces, interfaces and devices for the production of molecular hydrogen using mostly solar photons. The center, with a proposed budget of $22 million for five years, involved 10 faculty members from the College of Sciences, eight from the College of Engineering and seven faculty and research scientists from collaborating universities and DOE National Laboratories.

Other Institute submissions were led by Professor David Sholl in Chemical & Biomolecular Engineering and Professor Kenneth Sandhage of Materials Science and Engineering. These focused on transportation fuels for a carbon-constrained world and bio-enabled assembly of nanostructures, respectively. According to Houston, even if unsuccessful, these proposals accomplished much in taking steps to organize and bring together Tech researchers.

Orlando, who said he normally maintains five major research programs a year (three funded by NASA, one funded by DOE and the other from the National Science Foundation), has been engaged in energy-related research for some time. For more than a decade at the DOE and for nearly the same amount of time at Tech, he investigated the fundamental transformations of surfaces and interfaces under non-equilibrium conditions. These conditions can be in the outer solar system, in star-forming regions, in plasmas, or in radioactive materials.

"(At the DOE), when we considered nuclear waste issues, the uncontrolled production of hydrogen was somewhat of a problem," he said. "Now we have the opportunity to use the fundamental information regarding water splitting at interfaces to 'reverse engineer' the problem. If we are successful, we could be able to make useful amounts of hydrogen on demand and efficiently."

Orlando also said that in addition to helping the Institute coordinate teams and research programs in energy research, he is interested in helping faculty members and the Institute develop cross-College educational programs in energy.

Orlando, also an adjunct professor in the School of Physics, spent roughly a decade at the Pacific Northwest National Laboratory, where he was active in the DOE's Office of Science–supported energy research programs. He joined the Tech faculty in 2000, and was appointed chair of the School of Chemistry and Biochemistry in 2003.

Liotta has been with the Institute for 44 years, and still enjoys both teaching classes and conducting research. "I love teaching," he said. "Interacting with students is what makes being a professor so much fun.

"My goal as interim chair is to continue the forward momentum started by Thom Orlando when he was chair," Liotta said. "He's done an outstanding job, bringing both excellent faculty members and research to the School." In addition to serving as interim school chair, Liotta says he will help Orlando in his appointment in any way. "(The School of) Chemistry will be a big part of this," he said. "The best way to move forward on this is to build bridges with joint opportunities."

For more information...

College of Sciences
www.cos.gatech.edu

IN BRIEF:

Faculty/staff appreciation at CRC

During the week of Oct. 20, Tech faculty and staff who are not currently members of the Campus Recreation Center can visit the CRC at no cost.

Events throughout the week include free chair massages, fitness center orientations, a "Fit Fitness into your Schedule" Lunch n' Learn and drop-in group fitness classes.

Participants must have a valid BuzzCard and can sign a liability form at the CRC Member Services desk. For more information, visit **www.crc.gatech.edu**.

Road closures ahead for 14th St.

As part of the city's 14th Street Bridge Improvement Project, removal of old power line poles and installation of new poles on 14th Street will require lane closures throughout the month of October. For specific information and lane closures, visit **www.14thstreetbridge.com**.

Tech alumni on next shuttle

When the space shuttle Endeavour blasts into orbit on Nov. 14, nearly half the crew will boast Georgia Tech pedigree.

Alumni Eric A. Boe, 44, Robert Shane Kimbrough, 42, and Sandra H. Magnus, 44, are among the seven astronauts scheduled for the 15-day mission to the International Space Station.

All three astronauts earned their post-graduate degrees at Tech during the 1990s. Boe earned a master of science degree in electrical engineering in 1997, Kimbrough a master of science degree in operations research in 1998 and Magnus a doctorate from the School of Materials Science and Engineering in 1996.

The mission focuses on delivering equipment and supplies designed to double the crew size of the station from three to six in May 2009. The station's two Solar Alpha Rotary Joints will also be serviced by the crew.

CAMPUS EVENTS

Arts & Culture

October 16–18
DramaTech Theater presents an evening of improvisation with "Let's Try This!" starting at 8 p.m. each day. For more information, visit **www.dramatech.org**.

October 17
The Ferst Center for the Arts presents Abigail Washburn and the Sparrow Quartet, featuring Bela Fleck with Casey Dreissen and Ben Sollee, starting at 8 p.m. For more information, visit **www.ferstcenter.gatech.edu**.

October 18
The Joe Sample Trio, featuring Randy Crawford, plays the Ferst Center for the Arts, starting at 8 p.m. Pianist Sample and vocalist Crawford are renowned in the jazz arena. For more information, visit **www.ferstcenter.gatech.edu**.

Through November 14
The Robert C. Williams Paper Museum at Georgia Tech presents "Cutting Fine, Cutting Deep: Cut Paper Works from Switzerland and Atlanta," from 9 a.m. to 5 p.m. For more information, visit **www.ipst.gatech.edu**.

Conferences & Lectures

October 14
University of Buffalo Professor David Watson presents "Photoinduced Election Transfer Processes of Self-Assembled Inorganic Nanomaterials," starting at 3 p.m. in room 3201A of the Molecular Science and Engineering building. For more information, visit **www.chemistry.gatech.edu**.

October 15
Lt. Gen. Robert J. Elder Jr., commander of the Eighth Air Force, will be the keynote speaker at the Georgia Tech Information Security Center's 2008 GTISC Security Summit, "Emerging Cyber Security Threats," from 10 a.m. to 12:30 p.m. in the Ferst Center for the Arts. For more information and to register, visit **www.gtiscsecuritysummit.com**.

Atlanta architects and Georgia Tech alumni Ivenue Love-Stanley and William J. Stanley deliver an Architecture Centennial Lecture, from 6 to 7 p.m. in the Architecture Auditorium. For more information, visit **www.coa.gatech.edu**.

October 16
University of Illinois at Urbana-Champaign Professor Scott Silverman presents "DNA as a Catalyst for Bioorganic Chemistry," starting at 3 p.m. in room G011 of the Molecular Science and Engineering building. For more information, visit **www.chemistry.gatech.edu**.

October 17
University of Chicago Professor John Romalis presents "Inequality and Prices: Does China Benefit the Poor in America?" from 11:15 a.m. to 12:45 p.m. in room G-17 of the Habersham building. For more information, visit **www.econ.gatech.edu**.

Western Carolina University Professor Jack Summers presents "Studies of Metal/Anion Interactions Relevant to Biological Oxidative Stress," starting at 3 p.m., in room 3201A of the Molecular Science and Engineering building. For more information, visit **www.chemistry.gatech.edu**.

October 30
James Truchard, president, cofounder and CEO of National Instruments, presents "Founding and Growing into a Billion Dollar Technology-Driven Company," as the annual James R. Carreker Distinguished Lecture at 3:30 p.m. in the Dasher Auditorium of the Van Leer building. For more information, visit **www.ece.gatech.edu**.

Faculty/Staff Development

October 14
The Silver Jackets, Tech's faculty and staff retiree group, meets from 11 a.m. to noon in room 343 of the Student Center. For information, e-mail Maureen Glass at maureen.glass@gmail.com.

October 15
The Office of Sponsored Programs offers the two-part class "Effort Reporting & Cost Sharing: Special Considerations," from 1 to 4 p.m. in the Research Administration Building seminar room. For more information, visit **www.osp.gatech.edu**.

October 24
An ADVANCE workshop, "Scope and Scale: Strategies for Advancement for Women Faculty," will be held from 12:30 to 5 p.m. in the Ferst Room of the Library and Information Center. All faculty, even non-tenured members, are invited to attend. To RSVP, e-mail Donna Redmon, donna.redmon@carnegie.gatech.edu.

The Center for the Advancement of Research Methods and Analysis (CARMA), part of the business school of Virginia Commonwealth University, presents a Web-based seminar of three separate lectures from noon to 4:30 p.m. in room 223 of the College of Management. For more information, visit **www.carma.vcu.edu**.

Ongoing
Georgia Tech Training Services offers the free Emergency Preparedness certificate. For more information visit **www.training.gatech.edu**.

Miscellaneous

October 23–24
In preparation for Homecoming weekend, several Georgia Tech Affinity Groups will hold events and meet, including the Military Affinity Group and the Georgia Tech Bar Association. For more information on these and other Affinity Groups, visit **www.gtalumni.org/pages/affinitygroups**.

October 24
The Women's Resource Center celebrates its 10th Anniversary High Tea and Silent Auction, from 5 to 7 p.m., in the Student Services building. For more information, visit **www.womenscenter.gatech.edu**.

Ongoing
Tours are available Tuesdays through Fridays, from 10 a.m. to 4 p.m., for Tech's Solar Decathlon House, located on the West Architecture lawn at the College of Architecture. To register, visit **www.solar.gatech.edu**.

Techmasters, Georgia Tech's division of Toastmasters, meets each Thursday from 7:30 to 9 a.m. in room 102 of the Petit Microelectronics Research Center. For more information, visit **www.techmasters.gatech.edu**.

CLASSIFIEDS

Automobiles/Motorcycles

2006 Chrysler 300. Cream color, 67,000 miles. 6-CD/MP3 and DVD players. Leather seats. $14,300. Call 404-213-4353 or e-mail foox91@yahoo.com.

2007 Honda CBR600RR, blue metallic/silver, 3,000 miles. Great condition, clear title, garaged, price negotiable. E-mail palacios_heather @yahoo.com.

Motorcycle for sale. 1984 Honda VT 700 Shadow, runs great. 40,000 miles, $1,500 OBO. Call Matt Ryll at 678-235-1670 or e-mail mattryll@hotmail.com.

Real Estate/Roommates

For rent: Furnished house on quiet street in Lake Claire. 2BR/2BA, bonus room, furnished incl. linens, etc. No pets. Lease negotiable, $1,400/month plus utilities. For pics or info. call Beth 404-378-0773 or e-mail playbass.beth@gmail.com.

5BR/3BA in Hampton, 10 min. from Atlanta Motor Speedway. Bridgeport neighborhood, Spacious, full fin. basement, office, 2-car garage, Spa bath. Large fenced-in back yard. $185,000. Call 678-215-8313 or e-mail casshama@yahoo.com.

For sale or rent: Top floor 1BR/1BA condo in Buckhead. Granite, SS appl., HW, covered parking. Close to downtown, Highlands and Marta. $900 (incl. water and sewage) or $138,900. E-mail kwwhitehouse@kw.com.

For sale: 4BR/3BA in north Decatur. Great community, easy access to I-285 & I-85, Emory, CDC and Tech. Renovated kitchen, new patio, new roof. $334,000. Call 404-217-7367 or e-mail byron.coker@mindspring.com.

For rent: 2BR/1BA renovated duplex in Grant Park. Central heat/air, washer/dryer, dishwasher & microwave, fenced back yard. Less than 4 miles from campus, convenient to MARTA. Pets OK. $975/mo. Call 404-806-6096.

For sale: 3BR/1.5BA house. Doraville, off Buford Highway, inside I-285. Hardwoods throughout with tiled kitchen, quick access to I-85/285, international community. 15-min to Tech. $209,000. Call 404-385-0271 or e-mail mahchindi@yahoo.com.

Furniture

Twin mattress and box spring. Wood headboard. Mattress, headboard in v. good shape. Will sell complete set for $50. Pics avail. Call 770-928-7344 or e-mail rita.brown@mirc.gatech.edu.

Queen pillow top mattress and box spring, 2 years old with bed frame $175 OBO. Call Bill, 770-434-9847, or e-mail annette.gaddis@gtri.gatech.edu.

Four conference chairs, $50 each. Pics avail. Call 770-491-9512.

Miscellaneous

Cat lovers: Need a good home for Jazz, a 7-year old, male Tabby. Granddaughter is highly allergic to cats and we must find another home for him. Neutered, has always lived inside, affectionate, house-trained. Call Nancy, 678-665-4680.

AKC yellow Labrador retriever puppies for sale, champion bloodline and bunny white in color. Parents on site. Six weeks old on Oct. 25. Pics avail. Call Scott at 770-616-9432 or e-mail scott.moseley@ae.gatech.edu.

13 y.o. cat free to good home. Neutered, house-trained, declawed, all vaccinations. Very sweet. Call Katie at 706-833-6071 or e-mail katie.tuck@yahoo.com.

Magnum airless ProX7 paint sprayer w/ operational DVD and extra 50-ft. hose. Paid $595 in Jan. '08. Used once; sell for $275. **Also,** Alum. 32-ft. extension ladder. Paid $319 in Jan. '08., sell for $150. Call 770-891-2485 or e-mail jean.gunter@ipst.gatech.edu.

More ads are available at **www.whistle.gatech.edu**. Ads appear and run for three weeks in the order in which they are received. E-mail submissions to **editor@comm.gatech.edu**.