

KENDED A OPENS ITS DOORS



Images courtesy of Justin Chan Photography

The Kendeda Building for Innovative Sustainable Design hosted a gathering for those involved in the planning, construction, and design of the building on Saturday, Sept. 21 (pictured above). Around 200 attendees were able to get a preview of the space and enjoy refreshments and educational activities. The building also hosted the Global Climate Action Symposium on Friday, Sept. 27, which brought together scientists, engineers, business and policy experts, artists, and student activists. The event was hosted by Georgia Tech and six European consulates. An official ribbon-cutting for the new facility will take place Oct. 24. Learn more about the building's mission, design process, and construction at livingbuilding.gatech.edu.



Annual Charitable Campaign Underway

VICTOR ROGERS
INSTITUTE COMMUNICATIONS

When it comes to charitable giving, every little bit helps. Charitable Campaign Chair Karen Head knows that firsthand.

Shortly after Head began at Georgia Tech as a postdoctoral student, Atlanta suffered a major tornado that decimated most of the trees in her neighborhood. As she worked with Trees Atlanta in the aftermath of the storm, she learned that the organization was one of many on the list of charities aided by Georgia Tech's annual charitable campaign.

"I didn't have much to give, but I decided I could afford to pledge \$5 a month," said Head, now associate professor and associate chair of the School of Literature, Media, and Communication. "It doesn't sound like much, but I know that I helped cover the costs to plant about 12 large trees and

dozens of seedlings that year. Micro-giving does matter. And, 100% of the gift goes directly to the charity."

The 2019 campaign, which runs from Sept. 26 to Nov. 26, has a goal of \$350,000. Faculty and staff can contribute to more than 1,300 local, state, and national organizations tackling issues from cancer research to animal welfare to children's literacy.

For 12 consecutive years Georgia Tech has received the Governor's Cup for the highest contribution per employee among state institutions of its size.

Employees may pledge to contribute by using TechWorks or by submitting a paper pledge form to their unit's Charitable Campaign ambassador. If you have questions, contact your unit ambassador, email charitable@gatech.edu, or visit charitable.gatech.edu for more information about the campaign.

International Initiatives Launches Online Guide for Responsible Global Activities

SUSIE IVY
INSTITUTE COMMUNICATIONS

The Office of International Initiatives announces the launch of the Georgia Tech Guide for Responsible International Activities, a new online resource regarding guidelines, policies, and procedures around the Institute's global activities and partnerships.

This summer, the Office of International Initiatives convened a working group of

members of the Office of the Executive Vice President for Research and the Office of the Provost to develop a resource to guide educational and research activities that happen abroad. The major deliverables of the working group were designed to help Georgia Tech make decisions and ensure proper planning, compliance, and transparency around all international activities.

"Georgia Tech is proud

see **GLOBAL**, page 4

Flu Shots Available on Campus

The best way to prevent flu illness is by getting vaccinated every year. The Stamps Health Services Pharmacy will administer flu vaccines to faculty and staff on weekdays between 9 a.m. and 4 p.m. No appointment is necessary, and there is no copay for any Georgia Tech employee enrolled in an Anthem Georgia health plan. Flu shots are up to \$32 for others.

Georgia Tech employees enrolled in a USG health plan can also earn \$25 toward their 2019 USG Well-Being credit by getting a flu shot.

More information is available at health.gatech.edu.



NEWS BRIEFS



Athletics Launches Sport Innovation Initiative

The Sports Research, Innovation, and Technology (SPRINT) initiative is being launched in collaboration with the Institute for People and Technology. Learn more at:

c.gatech.edu/sprint



France-Atlanta Events Underway

Georgia Tech is partnering with the Consulate General of France in Atlanta for the 10th annual France-Atlanta event series. Workshops, film screenings, and discussions will take place on campus in the coming weeks. See a schedule at:

c.gatech.edu/franceatl



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EVENTS

SEMINARS AND LECTURES

Oct. 3

Guest speaker Allison Steiner, professor at the University of Michigan, will discuss "The Atmospheric Life Cycle of Pollen" from 11 to 11:50 a.m. in Room L1205, Ford Environmental Science and Technology Building. eas.gatech.edu

WORKSHOPS AND TRAINING

Oct. 1

Human Resources hosts a Be Well session on Leaves of Absence from noon to 1 p.m. in Room 321, Student Center. Register at: hr.gatech.edu/bewell

Oct. 16

The LGBTQIA Resource Center hosts a Level Up Allyship training from 9 to 10:30 a.m. in Room 319, Student Center. An additional session will take place Oct. 25. Register at: lgbtqia.gatech.edu

Oct. 16

Bring your lunch and join a panel of Georgia Tech subject-matter experts as they discuss sexual harassment awareness at the Institute from 11:30 a.m. to 1 p.m. in President's Suite A, Bill Moore Student Success Center. RSVP at: c.gatech.edu/SArsvp

Oct. 16

Human Resources hosts a Be Well session on Education Assistance from noon to 1 p.m. in the Student Center Theater. hr.gatech.edu/bewell

Oct. 17

The LGBTQIA Resource Center hosts a Trans 101 session from 2 to 4:30 p.m. Learn more and register to attend at: lgbtqia.gatech.edu

Oct. 25

The End Suicide initiative hosts a Question, Persuade, Refer (QPR) Training from 11 a.m. to 1 p.m. in Room 210, Curran Living Learning Commons (549 8th Street NW). Register to attend at: endsuicide.gatech.edu

Oct. 25

The Center for Teaching and Learning hosts a workshop on "How Learning Works" aimed at postdoctoral fellows and graduate students preparing for careers in higher education. The workshop takes place from 9 to 10:30 a.m. in the Piedmont Room, Student Center. ctl.gatech.edu

EVENTS continued on page 3

Focused on Students: Meet Renee Jamieson

VICTOR ROGERS
INSTITUTE COMMUNICATIONS

Renee Jamieson, academic program coordinator in the College of Computing's School of Interactive Computing, is laser-focused on students.

"My job begins with getting the students ready before they get to campus," Jamieson said. "I do a lot of planning for recruitment, and I'm the point person for prospective students during the application process."

Jamieson helps organize Interactive Computing's orientation programs, and she answers a host of questions regarding tuition waivers, GRA and GTA hiring, permits to get into a class, and which courses count toward which requirements. She also conducts degree audits to make sure her 300 students are on track for graduation.

"My world centers around the students from the time they apply until they graduate," she said.

Jamieson came to Tech three years ago from Kennesaw State University (KSU), where she was in a similar role for seven years. At KSU she worked exclusively with undergraduates, while her Interactive Computing students here are all in graduate school. She works with doctoral students in Robotics, Machine Learning, Computer Science, and Human-Centered Computing, and with master's students in Human-Computer Interaction.

She doesn't have a "typical" workday because it varies depending on the time of year. But she does have a couple of favorite months on the academic calendar.

One is March, "when we hold our recruitment events for admitted students. I get to meet them for the first time, and I get to know a little more about them and their interests," she said.

Although it's a hectic time, Jamieson also enjoys the beginning of fall semester.

"It's an exciting energy. Current students are returning, and new students are getting settled."

Jamieson introduced a new event this year — a celebration of graduate students at the Interactive Computing Ph.D. Welcome Back Lunch. It's an outgrowth of Graduate Student Appreciation Week, and she coordinated the event with Rosa Arriaga, associate chair for Graduate Affairs in Interactive Computing.

For her, the most rewarding part of the job is seeing



Photos by Allison Carter // Bottom photo courtesy of Renee Jamieson

(Above) Jamieson at work in her office in the Technology Square Research Building. (Below) Jamieson keeps her affinities for both Georgia Tech and theater — specifically Dad's Garage — on display in her office. She's not the only one from the College of Computing to be involved with Dad's Garage. Below, Jamieson is pictured backstage with retired College of Computing Instructor Bill Leahy in 2017. Leahy is the theater's technical improviser and Jamieson is the stage manager.



students succeed.

"Success can mean anything from having a student excel in a class when they were apprehensive about it in the beginning, to seeing a student propose and successfully defend their thesis," she said. "Or it can be seeing a student work through a personal issue and come out stronger on the other side."

Away from the Office

Jamieson grew up in Conyers, Georgia, and was drawn to the stage at an early age.

"I was a performer," she said. "I grew up doing local theater and plays at church and school."

She continued performing while earning a bachelor's degree from Kennesaw State University in theater and performance studies with a concentration in design/tech. She has a master's in public administration with a concentration in government administration, also from KSU.

As an undergraduate she took a production class that required students to branch out into areas not related to their area of concentration.

"I did a lot of backstage crew work and stage management, and I fell in love with it. I had the best time," Jamieson said. "Then I switched my concentration from acting to design/tech."

After graduating, she went to work with Dad's Garage Theatre Company.

"Dad's Garage was the first place that gave me a chance as a professional stage manager," she said. "I have worked for multiple theater companies over the years doing everything from classic musicals to dance productions. But, Dad's was always my home. It's where my theater family is." Jamieson was offered a job in KSU's Theatre and Performance Studies Department a couple of years after graduating. She helped students navigate the curriculum, and she provided career guidance. The position blended the worlds of theater and academia.

Today she still works as a stage manager with Dad's Garage on one or two shows a year. Her next show, *Invasion Christmas Carol*, goes into rehearsal soon. The show is based on Charles Dickens' *A Christmas Carol* but with an



added element of improvisation.

"The show goes off script because of the improvisation, but it always comes back to the play's original ending."

Jamieson also is writing her first book. The working title is *My Ex Wrote a Book*.

"It's a personal narrative about the college days and living on your own for the first time. I recently finished the book, and it's being edited," she said. "After the editing is done, I may be terrified and just leave it on a shelf forever! I don't know. I'll see if I'm brave enough to let anyone see it besides my husband and my mom."

FACULTY AND STAFF ACHIEVEMENTS

James Dahlman, assistant professor in the Wallace H. Coulter Department of Biomedical Engineering and a researcher in the Petit Institute for Bioengineering and Bioscience, is this year's winner of the 2019 Rita Schaffer Young Investigator Award given by the Biomedical Engineering Society. The BMES Rita Schaffer Young Investigator Award is offered each year to stimulate research careers in biomedical engineering.

The American Physical Society has elected **Flavio Fenton**, professor in the School of Physics, and **Carlos Silva**, professor in the School of Chemistry and Biochemistry and School of Physics, to the Society's 2019 Fellows.

Alex Gutierrez, marketing specialist for Parking and Transportation Services, was named Mentor of the year for 2019 at the closing ceremony of MentorTECH.

School of Public Policy Chair **Kaye Husbands Fealing** was among 51 leaders in the field of public administration to be selected for the 2019 Class of Academy Fellows by the National Academy of Public Administration. She and the other 2019 Fellows will be inducted during NAPA's annual Academy Fall Meeting in November.

The Alliance for Corporate Sustainability, an organization advancing rigorous academic research on corporate sustainability issues, has selected **Basak Kalkanci**, associate professor in the Scheller College of Business, for its Emerging Sustainability Scholar Award. The award recognizes a scholar in the area of corporate sustainability who is likely to make significant contributions to the advancement of corporate sustainability scholarship.

The Royal Institute of British Architects named Ensemble Studio, led by **Débora Mesa**, Thomas W. Ventilett III Distinguished Chair in Architectural Design in the School of Architecture, and Antón García-Abril the 2019 Charles Jencks Award recipients. The award recognizes an individual or a practice that has made a significant contribution to the theory and practice of architecture.

John Reynolds, professor in the School of Chemistry and Biochemistry and the School of Materials Science and Engineering, has been named a 2020 Arthur C. Cope Scholar by the American Chemical Society. The award recognizes his pioneering work in the design and synthesis of pi-conjugated molecules, oligomers, and polymers with targeted properties for advanced organic electronic applications.



Photo by Rob Felt

INVESTITURE SET FOR LATE OCTOBER

The Board of Regents of the University System of Georgia and the faculty, staff, students, and alumni of the Georgia Institute of Technology invite you to attend the Investiture of Ángel Cabrera (M.S. PSY 1993, Ph.D. PSY 1995) as the 12th president of the Institute.

Monday, Oct. 28

10:30 a.m.

Ferst Center for the Arts

General Ceremony Information

The entire campus community is invited to attend the Investiture ceremony. Seating is available on a first-come, first-served basis. A general admission ticket is required for entry. Requests for general admission tickets will soon be available at c.gatech.edu/2019investiture.

Campus Celebration

Immediately following the ceremony, a campus celebration will take place on Tech Green. Students, faculty, and staff are invited to attend this free event that will feature food, giveaways, and campus traditions.

Overflow and Additional Viewing Options

Guests may also view the ceremony from Room 117, Smithgall Student Services (Flag) Building; the Technology Square Research Building Auditorium; or via live stream at gatech.edu. A video of the ceremony will be available on Tech's YouTube channel after the event.

Bathroom Scale Could Monitor Millions with Heart Failure

BEN BRUMFIELD
INSTITUTE COMMUNICATIONS

"Good morning, Bill. Please. Step onto the scale. Touch the metal pads." The device records an electrocardiogram from Bill's fingers and — more importantly — circulation pulsing that makes his body subtly bob up and down on the scale. Machine learning tools compute that Bill's heart failure symptoms have worsened.

This is how researchers at Georgia Tech envision their experimental device reaching patients someday, and in a new study, they reported proof-of-concept success in recording and processing data from 43 patients with heart failure. A future marketable version of the medical monitoring scale would ideally notify a doctor, who would call Bill to adjust his medication at home, hopefully sparing him a long hospital stay and needless suffering.

The pulsing and bobbing signal is called a ballistocar-

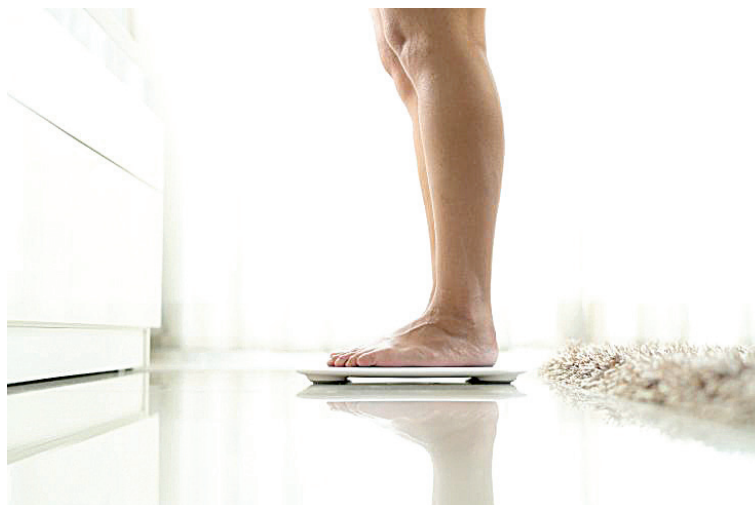


Photo courtesy of Getty Images

diogram (BCG), a measurement researchers took more commonly about 100 years ago but abandoned as imaging technology far surpassed it. The researchers are making it useful again with modern computation.

"Our work is the first time that BCGs have been used to classify the status of heart failure patients," said Omer Inan, the study's principal investigator and an associate professor in the School of Electrical and

Computer Engineering.

Heart failure affects 6.5 million Americans and is a slow-progressing disease in which the heart works less and less effectively. Many people know it as congestive heart failure because a major symptom is fluid buildup, which can overwhelm the lungs, impeding breathing and possibly causing death.

Read the full story at c.gatech.edu/heartfailure.

EVENTS

ARTS AND CULTURE

Oct. 8

The Georgia Tech Jazz Ensemble and Chamber Orchestra host an all-Copland concert, presenting the world premiere of Jennifer Bellor's *High Resolution*. The concert will take place at 7:30 p.m. at the Ferst Center for the Arts. music.gatech.edu

Oct. 8

The Trouble with My Name is a humor-filled one-man show by award-winning English professor Javier Avila that embraces the autobiographical journey of a man who moves between cultures. It provides a fascinating perspective of American Latinos who struggle to dispel misconceptions about their identity and place in the world. The event is part of Hispanic Heritage Month and takes place from 3 to 4:30 p.m. in the Student Center Theater. hispanicoffice.gatech.edu

Oct. 24

Opening festivities for the Clough Art Crawl will begin at 4 p.m. in the Clough Undergraduate Learning Commons. The exhibit will be on display through the fall semester. arts.gatech.edu

MISCELLANEOUS

Oct. 1

The Institute Retirement Dinner will celebrate those who retired during Fiscal Year 2019. The event will take place from 6 to 9 p.m. at the Historic Academy of Medicine. specialevents.gatech.edu/retirementdinner

Oct. 2

The Atlanta Global Studies Center hosts a meet and greet for faculty, staff, and students from Georgia Tech and Georgia State from 4:30 to 6 p.m. in the Habersham Building. agsc.iac.gatech.edu

Oct. 5

Georgia Tech football hosts the University of North Carolina at 4 p.m. at Bobby Dodd Stadium. ramblinwreck.com

Oct. 14-15

Classes will not meet during Fall Break. registrar.gatech.edu

Oct. 17

The Institute for People and Technology (IPaT) was created in 2011 to shape the future of human-centered systems, environments, and technologies to promote fulfilling, healthy, and productive lives. Learn more about IPaT's mission and how it catalyzes and amplifies Georgia Tech's leadership for faculty members, from 3:30 to 5 p.m. in Suite 600, Centergy Building. ipat.gatech.edu

For a more comprehensive listing of events, or to add your own, visit calendar.gatech.edu.



Photo by Rob Felt

Fletcher Moore, senior web developer in Institute Communications, enjoys his bike on the Atlanta BeltLine.

Taking to Two Wheels for ‘Biketober’

For the month of October, events around Atlanta will focus on biking for both commuting and fun. Organized in partnership with Georgia Commute Options, the monthlong Atlanta Bike Challenge has participants form teams, log bike rides, and become eligible to win prizes along the way. Those who want to participate can register at atlbikechallenge.com and join the Georgia Tech team.

“This is not just a competition for commuters,” said Becky James, fitness instructor at the Campus Recreation Center (CRC). “All rides count from Oct. 1–31, so invite your coworker who rides for fitness on the weekend, but also reach out to those who do not yet ride, as team members can ride for as little as 10 minutes to earn points.

Participants can also earn points by supporting teammates with virtual “high fives.”

For more information about bicycling on campus and related resources, visit pts.gatech.edu/bicycling-georgia-tech.

Parking and Transportation Services Opens Tech’s First Bike Room

For those who bike to campus, Parking and Transportation Services (PTS) has opened its first-ever bike storage room as part of the new W22-Dalney Parking Deck.

“More people are biking on and around campus, and we want to encourage the use of greener transportation methods,” said Lisa Safstrom, campus transportation planner with PTS. “We are supporting this trend by including high-quality bike parking in new campus development opportunities.”

Located just inside the deck from the Dalney Street entrance, the bike room features 36 Dero Swerve bike racks that hold two bikes each. The room also includes benches and a fix-it station with a pump.

Users can swipe their BuzzCards to enter and secure their bikes to the racks using their personal locks. Bikes may be stored day-to-day during the fall and spring semesters and for longer periods during the summer. PTS plans to implement a second bike room in the Tech Square parking deck later this year.

Riding Safety Classes

Bike Georgia Tech, the Georgia Tech Police Department, and PTS offer one-hour classes in bike and scooter safety. Attendees receive a free helmet and lights. The next classes take place on:

- Thursday, Oct. 10, 11 a.m. in Room 240, Campus Recreation Center
- Thursday, Nov. 14, 11 a.m. in Room 240, Campus Recreation Center

Bike Helmets

Helmets can be purchased for \$12 at the PTS front desk located at 828 West Peachtree Street NW using credit card, check, or BuzzFunds.

CRC Offering Shower Passes for Bike Commuters

The CRC now offers a Bike Commuter Shower Pass that will allow riders access to locker rooms from 7 to 9 a.m. Monday through Friday for \$5 per month. Smart Park pass holders and those who do not have a parking permit are eligible for the shower pass. For more information and to sign up, visit bike.hwb.gatech.edu/active-commuting.

Bike Commute Listserv

If you want to converse with other bike commuters and learn more about campus resources and Atlanta bike news, sign up for Tech’s bicycle commuter listserv. Send a request to lisa.safstrom@pts.gatech.edu.

GLOBAL, from page 1

to engage with researchers, scholars, and institutions all over the world as an expression of the Institute’s motto of Progress and Service,” said Chaouki T. Abdallah, Georgia Tech’s executive vice president for Research. “We remain wholeheartedly committed to those important global collaborations, but we must safeguard the Institute, and ensure all activities are fully transparent and in compliance with Georgia Tech policies, as well as applicable government laws and regulations.”

Site users can find links to Georgia Tech resources, policies, and relevant campus contacts for offices and units that manage a variety of issues, including export control; managing conflicts of interest; appointments at other institutions; intellectual property; materials, data, and confidential information; the Foreign Corrupt Practices Act (FCPA); international agreements; disclosing foreign relationships; lab tours; hosting foreign visitors; and international travel.

“Georgia Tech promotes a culture of global engagement and believes that our community is enriched through opportunities to study, work, serve, or do research abroad,” said Rafael L. Bras, provost and executive vice president for Academic Affairs. “Thanks to the working group, the guide now provides access to Tech’s standing policies and procedures governing international activities in one centralized location.”

The guide will be maintained by the Office of International Initiatives and will be available on faculty and staff resource pages at several touchpoints, including global.gatech.edu, research.gatech.edu, and provost.gatech.edu, among others.

The working group also refined Georgia Tech’s Guiding Principles for International Activities, a standard set of objective criteria used by the Office of International Initiatives for measuring each international activity’s impact on academic activities, value to the Institute, compliance with applicable policies, sustainability and viability, and risk assessment and mitigation concerns.

Georgia Tech is also in the process of creating an International Advisory Committee comprised of representatives of the administration, faculty, and staff. The committee will be chaired by Yves Berthelot, vice provost for International Initiatives, and will provide guidance and advice about how Georgia Tech engages internationally (e.g. research, MOUs, master research agreements, etc.).

“Our success in international activities must be assessed in full consideration of geopolitical factors, as well as current and potential state and federal regulations and legislation,” said Berthelot. “With those considerations in mind, the work of the committee will prove vital for Georgia Tech as we continue to grow our relationships across the world and explore new opportunities to engage globally.”

Nominations for the committee are currently being accepted through Oct. 7. Faculty and staff are encouraged to submit self-nominations or nominations for a colleague. Details on the final committee roster will be made available, once finalized. To self-nominate or nominate a colleague for the committee, or for more information on the working group’s activities, contact Monique Tavares, director of Global Operations at mtavares@gatech.edu.

CLASSIFIEDS

VEHICLES

2007 Honda CBR 1000RR
9k ml. Original owner, garage-kept, showroom condition, all maintenance done. Chrome wheels, tinted windscreen. \$6,500. No trades. Serious cash buyers only. Contact 404-590-5692.

REAL ESTATE/ ROOMMATES

5BR/3BA home for lease in Atlanta. W/D, 2-car garage, private patio. South Fulton School District. Wonderful neighborhood. Community amenities include pool, tennis court, playground, basketball court. Contact 404-590-6750.

Short-term lease, furnished room for rent in Decatur area. Good commuting to Georgia Tech. Apt. shared with Georgia Tech faculty/staff. Ideal for visiting scholars or temporary stays. \$800/mo. Contact Javier, jpadilla8@gatech.edu.

For rent: 2BR/1BA apt. in Midtown. Reserved parking, washer/dryer in unit, Google fiber. Available Sept. 2019. 4 mi. from Tech. \$1,700/mo. (water/sewage included). 696 Argonne Ave NE. Contact mahajan@gatech.edu, 404-894-9156.

For rent: 2BR/2BA condo in Cross Creek. Morris Brandon School District. Updated, hardwood floors throughout, golf course view. No smoking, no pets. Available Sept. 2019. 4.1 mi. from Tech, no expressway driving. \$1,700/mo. 143 Elysian Way. Email fran.buser@isye.gatech.edu.

2BR/2.5BA beautiful condo for sale in The Atlantic at Atlantic station. Spectacular 14th-floor view of downtown Atlanta. One mile from Georgia Tech. \$599k. Lease possible. Contact Phil, proberts@ce.gatech.edu.

For rent: 3BR/3.5BA spacious house in West Midtown. 2 mi. from campus w/ 2-car garage, bonus room. Perfect for a family. Playground in neighborhood. Text 559-961-7497 or see <https://tinyurl.com/1199-foster>.

For rent: Beautiful 4BR/3BA, 2,300 sq. ft., easy access to Emory/ CDC/Georgia Tech. Hardwood floors, open floor plan, many windows. 0.5 acres, top-of-the-hill lot, trees/ view. Sought-after Oak Grove Elementary School district. Wonderful neighborhood. Minutes to I-85/285, shops, restaurants. Contact Ben, 404-964-4111, bulent2k2@gmail.com.

MISCELLANEOUS

For sale: faux leather sectional and table. Black futon sofa bed couch w/ convertible chaise lounge. Great condition. \$200 OBO. Hand-crafted, modern hightop kitchen table. \$75. Contact Jasmine, 404-539-2918.

Large faux leather charcoal gray couch for sale. Excellent condition. \$150. Contact Rhonda, 404-455-4646.

Table and chairs for sale. Round, modern glass table w/ 4 white leather chairs. \$200 OBO. Excellent condition, practically brand new. Contact Rhonda, 404-455-4646.

10 ft. trailer w/ ramp and lights. Registered with the state, no tag needed. \$500. Contact Glenn, 678-516-4343.

Ads run for at least three issues in the order in which they are received. Submit your 35-word-or-less ad to editor@comm.gatech.edu.