

PUTTING FRESHMEN FIRST



Photo by Fitrah Hamid

Freshmen gather at the inaugural Freshman First event in 2015. Faculty and staff are invited to celebrate first-year students at the second annual event on Wednesday, Dec. 7, at 3 p.m. at Callaway Plaza. The event lets faculty, staff, and upperclassmen give freshmen a spirited sendoff into their first week of final exams as college students. Students will be led into Bobby Dodd Stadium with Buzz, the Ramblin' Wreck, and the Georgia Tech Band, with free refreshments before and after. Learn more at c.gatech.edu/freshmanfirst.

Greener, More Connected Campus Ahead

BENITO NIEVES
DEPARTMENT OF HOUSING

Sustainability and the arts were at the forefront of highlights during the Staff Council's third Inform Georgia Tech event on Nov. 15. The discussion featured plans for new campus projects and efforts to include students in them.

"Prospective students care about having a sustainable environment," said discussion facilitator, Howard Wertheimer, assistant vice president of Capital Planning and Space Management.

In an effort to achieve a sustainable campus, he pointed to a number of initiatives the community could see completed within the next three years, including the installation

of additional bicycle paths, improved stormwater capture and cistern use for irrigation and drinking, and the transformation of a sector of West Campus into what will be known as the Eco-Commons. The sector will expose natural streams that run throughout campus and provide a viable ecosystem, Wertheimer said. In addition to increasing awareness of urban and ecological overlap, he added that he was excited to see students and faculty use the area as a "living-learning lab" for research.

He encouraged attendees to download the GT Eco-Tour smartphone app to learn about sustainability features across campus.

Another upcoming development, Wertheimer said, may have the campus sharing sustainability tips with the City of Atlanta. In a partnership with The Kendeda Fund – a private philanthropic investor focused on the sustain-

ability of communities – Georgia Tech aims to open doors to a Living Building in 2019. The building has a number of imperatives to meet, including net-positive water use and design that optimizes well-being.

"The symbol for the living building is a flower; it is a metaphor asking, 'What would nature do?'" Wertheimer said. He noted that students were involved during the time that architecture firms were competing in an ideas competition for how the building should look and function, and some students are even using the challenges of the project in their capstone academic work this semester.

To achieve Living Building Challenge certification, the building must be operated and fully occupied for a minimum of 12 months. If the Living

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Move-Out Donations Support Students in Need

KAITLYN HOOVER
FACILITIES MANAGEMENT

As the holidays approach, many people look to donate items, food, and time to worthy causes. For Georgia Tech students, moving out of campus housing has become a prime opportunity to help others, including each other.

Earlier this year, the Student Move-Out Recycling Program evolved to not only collect recyclable waste and donations, but also help feed hungry students.

The program, which began in 1998, provides students with multiple methods to divert their unwanted furniture and other reusable or recyclable materials from dumpsters when they move out of campus housing. In 2014, a student-led project called Tech Treasures began partnering with the Office of Solid Waste Management and Recycling to bring Goodwill collection trucks to campus during move-out. These trucks collect the futons, mini fridges, clothes, and other goods that students don't want to move.

While the Goodwill donations provide a service to the Atlanta community, (28,779 pounds were donated in fiscal year 2016), a more recent partnership is also making a significant impact on campus. Klemis Kitchen, a free program that provides pantry items to food-insecure Georgia Tech students, received 534 pounds of non-perishable food from student donations during the 2016 move-out.

"This is not our first partnership, but it is certainly our most meaningful," said Cindy Jackson, associate director of the Office of Solid Waste Management and Recycling.

Food insecurity is not always an issue commonly associated with college students. A 2014 Feeding America study reported that 39 percent of people who acquire food from food banks are having to choose between paying for food and paying for education. The history of Klemis Kitchen reveals that food insecurity is not a recent development among college students, even at Georgia Tech.

Klemis Kitchen is a tribute to Tommy Klemis, former owner of Junior's Grill, which was a mainstay on campus for many years. Before closing in 2011, Junior's was a second home for many Tech students and faculty, but it was especially meaningful to those students who could not always afford to pay for the standard burger and fries. Through his generosity, Klemis often provided free meals to struggling students, establishing a legacy of compassion and generosity.

"This is not our first partnership, but it is certainly our most meaningful."

— Cindy Jackson

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NEWS BRIEFS

Nominations Open for Annual Awards

Each year, outstanding members of the campus community are honored through Institute awards. The awards honor excellence across campus and are presented at the annual Faculty/Staff Honors Luncheon in April. Learn more and submit a nomination at:

c.gatech.edu/fshonors



Tech Graduating More Student-Athletes

Georgia Tech's NCAA Graduation Success Rate has reached an all-time high of 87 percent, according to data released last week. Tech surpassed the Division I average of 84 percent.

c.gatech.edu/gsr



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EVENTS

ARTS & CULTURE

Dec. 9

The Blind Boys of Alabama perform their Grammy-winning Christmas show at 7 p.m. at the Ferst Center for the Arts. Faculty/staff can purchase discounted tickets.
[arts.gatech.edu](#)

Through March 2017

An exhibition of the work of designer Santiago Calatrava combines architecture, sculpture, art, and engineering in the Flex Space of the Caddell Building.
[space.gatech.edu/calatrava](#)

SEMINARS & LECTURES

Nov. 22

Michael Ledford, partner and vice president for client management at Lewis-Burke Associates, will provide his insights on the evolving landscape of federal research priorities and funding likely to emerge under the next White House. The session will be hosted from 11 a.m. to noon via WebEx. Questions may be submitted ahead of time to susan.roche@gatech.edu. Access the webinar the day of at: [c.gatech.edu/fedresearch](#)

Nov. 28

The University System of Georgia hosts a Money Monday workshop from noon to 1 p.m. exploring the topics of managing income and debt. Attend in person in Room 211, Materials Science and Engineering Building, or online. Learn more and register at: [c.gatech.edu/moneymonday](#)

Nov. 29

Learn about the Office of the Executive Vice President for Research (EVPR) and how it oversees the full breadth of the Institute's research and commercialization/entrepreneurship and extension activities. The event is part of the Demystifying Georgia Tech event series and takes place from 11 a.m. to noon in Room 319, Student Center.
[c.gatech.edu/demystify](#)

Nov. 30

The Ray C. Anderson Center for Sustainable Business presents Rahmani Morvaridi, who will discuss *Complementary Product Design and Process Technology Choices in Recycling* from 3 to 4 p.m. in Room 314, Scheller College of Business.
[scheller.gatech.edu](#)

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Celebrate Students at Fall Commencement

KRISTEN BAILEY
INSTITUTE COMMUNICATIONS

Regalia has been bought, rings have been ordered, and tassels are ready to be turned.

Ceremonies and events for Tech's 252nd Commencement take place Dec. 16–17. Robin Thomas, recipient of this year's Class of 1934 Distinguished Professor Award, will address Ph.D. master's graduates on Dec. 16. Freeman A. Hrabowski, III, president of the University of Maryland, Baltimore County, will address bachelor's graduates on Dec. 17. Faculty and staff are invited to volunteer at Commencement on either Dec. 16 or 17. If interested, visit [c.gatech.edu/commvolunteer](#). More information is available at [commencement.gatech.edu](#).

-  **Ph.D. Hooding Ceremony**
Friday, Dec. 16, 10 – 11:30 a.m.
McCamish Pavilion
-  **President's Graduation Celebration**
Friday, Dec. 16, 3 – 5 p.m.
Student Center
-  **Ph.D. and Master's Ceremony**
Friday, Dec. 16, 7 – 9 p.m.
McCamish Pavilion
-  **Bachelor's Ceremony**
Saturday, Dec. 17, 9 – 11:30 a.m.
McCamish Pavilion
Ticketed event

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Building opens its doors on schedule, this project could potentially receive its certification in 2020 — aligning with the 50th anniversary of Earth Day. Learn more about the project at [livingbuilding.gatech.edu](#).

The Engineered Biosystems Building, having had its doors opened just over a year ago, is set to receive a mass public art installation at its doorstep. After a national art search, the campus has selected designs and spaces for them around the building, in an effort to “create curiosity” for everyone, said Wertheimer. He pointed to the success of the Pianos for Peace project, the Einstein statue installation, and the Engineered Art sculptures, in exposing a mostly “left-brained” community to creativity and reflection.

“Art can help manage the stress levels of our students,” he said.

He acknowledged that while expansion over the past decade has been reflective of a “robust appetite,” the concentration has shifted to creating experiences for the community. “Our concern is not so much the space between the buildings, but the places between the buildings and the people connecting there,” he said.

Tech Rec Available for Holiday Rentals

Those looking for a fun location for a festive event can consider Tech Rec in the Student Center for their next event. The space is suitable for all ages and can be customized for the needs of various groups.

Tech Rec offers bowling lanes, billiard tables, games, a video projector, and additional facility space. Rentals can be for part or all of the space. Rentals have a two-hour minimum.

Learn more and fill out a reservation form at [techrec.gatech.edu](#), or contact Teresa Weimann at techrec@stucen.gatech.edu or 404-385-6058.

CREATING THE NEXT WELCOMING ENVIRONMENT



Photo by Rob Felt

Aby Parsons, director of the LGBTQIA Resource Center, is creating inclusive excellence by engaging the campus community in education, advocacy, and outreach for people of all genders and sexual identities. “When students and employees attend our Safe Space and Trans 101 trainings, they’re better equipped to provide a safe and welcoming campus for our LGBTQIA communities,” she said. For more about how Georgia Tech is “creating the next,” visit [gatech.edu/creating-next](#).

Hone New Skills during Employee Learning Week

BETHANY SCHUSTER
HUMAN RESOURCES

Celebrating lifelong learning is a mission all over campus. Georgia Tech Human Resources (GTHR) will celebrate Employee Learning Week Dec. 5–9 to highlight the important connection between learning and achieving organizational results.

The weeklong event includes opportunities for faculty and staff to learn new workplace skills and explore courses that GTHR's Workplace Learning & Professional Development (WLPD) team offers year-round.

Employee Learning Week is part of a nationwide campaign created by the Association for Talent Development and has become an annual Human Resources event.

To kick off Employee Learning Week, the WLPD Street Team will circle campus on Monday, Dec. 5, giving away free professional development and promoting the following upcoming events:

- Managing People, Survival Tips:** (Tuesday, Dec. 6) Discuss management best practices often overlooked — but critical for individual and organizational success.
 - Seasoned Employee Experience:** (Wednesday, Dec. 7) Longstanding employees can feel like new employees again by spending a halfday reconnecting to the mission and culture of Georgia Tech.
 - You Are Not a Fraud: Managing the Imposter Syndrome Within:** (Thursday, Dec. 8) Explore tips for managing self-doubt and stretch yourself to the next level.
 - Service Learning:** (Friday, Dec. 9) Participate in a daylong service learning opportunity through a partnership with Junior Achievement. Registered employees will teach young people about money management and business, while learning something about themselves. This event takes place at the Georgia World Congress Center.
- Learn more and register for Employee Learning Week activities at [ohr.gatech.edu/learningdevelopment](#).

Nominations Wanted for New Cybersecurity Scholarship, Fellowship Programs

The Institute for Information Security & Privacy (IISP) has created a \$5 million scholarship fund and a new Ph.D. fellowship program dedicated to emerging cybersecurity ideas. Both efforts support students who want to pursue cybersecurity careers and research.

The National Science Foundation's CyberCorps® Scholarship for Service will financially support undergraduate, master's, and doctoral students who agree to work for the U.S. government after graduation.

The second effort — the IISP Cybersecurity Fellowship Program — is a new program to support doctoral students from any Georgia Tech unit whose innovative research ideas are under-funded or unfunded. Fellows are expected to complete research, remain in good academic standing, and submit their work to one of the leading academic conferences for cybersecurity.

Faculty are invited to nominate students for both programs. The deadline for the next cycle is Wednesday, Nov. 30.

Learn more and nominate students at iisp.gatech.edu.

FACULTY AND STAFF ACHIEVEMENTS

Joseph Bankoff, chair and professor of the practice in the Sam Nunn School of International Affairs, was elected a trustee for the National Court Appointed Special Advocate (CASA) Association. CASA is a nationwide network that supports and promotes court-appointed volunteer advocacy on behalf of children and youth in the foster care and court systems who have experienced abuse or neglect.

Morris B. Cohen, assistant professor in the School of Electrical and Computer Engineering, has been elected to a two-year term as secretary for the Atmospheric and Space Electricity Group in the American Geophysical Union, effective Jan. 1, 2017.

Nga Lee “Sally” Ng, assistant professor in the School of Chemical and Biomolecular Engineering and School of Earth and Atmospheric Sciences, won the 2016 Kenneth T. Whitby Award from the American Association for Aerosol Research. The annual award recognizes outstanding contributions to aerosol science and technology by a young scientist.

Doug Podoll, director of Global HR for Georgia Tech Human Resources, was awarded the Region VII International Excellence Award by NAFSA: Association of International Educators. This award honors an individual at the culmination of their career who has best exemplified the true spirit of international education.

The Research Engineering Rehabilitation Center on Technologies to Support Successful Aging with Disability (RERC **TechSAge**) was among finalists recognized at *Atlanta Magazine's* fifth Annual Groundbreaker Awards Ceremony.

Rodney Weber, professor in the School of Earth and Atmospheric Sciences, earned the Benjamin Y.H. Liu Award from the American Association for Aerosol Research. The award recognizes outstanding contributions to aerosol instrumentation and experimental techniques.

New Degrees, Changes to Academic Scheduling Forthcoming

VICTOR ROGERS
INSTITUTE COMMUNICATIONS

At its Nov. 8 meeting, the Academic Faculty Senate reviewed committee work from recent months.

President G.P. “Bud” Peterson called the meeting to order and made comments about recent developments at Tech Square and new leadership at the Board of Regents. Minutes from the Oct. 18 meeting were approved.

Professor Emeritus Robert Nerem and Gail Spatt, program manager in the Office of the Executive Vice President for Research, presented an update on the Institute Awards Committee. The committee, formed in 2013, has fostered a significant increase in honors and awards received by Georgia Tech individuals. The focus is national or international awards that go beyond a single discipline.

Nerem presented an overview of nominations for 2015 by unit, gender, underrepresented minority status, and rank for academic faculty. He also highlighted recent successes, and said the units with the greatest level of success are those with a well-developed organizational structure for carrying out nominations. The committee welcomes suggestions.

Registrar Reta Pikowsky presented the degree candidates for Fall 2016: bachelor's – 1,319; master's – 1,130; and Ph.D. – 270. The list of degree candidates was approved.

The School of Civil and Environmental Engineering's Reginald DesRoches presented the annual report of the faculty athletic representative. The report included a look at student-athletes from Fall 2015 and Spring 2016, including graduates and those on the ACC honor roll. One hundred percent of the athletic teams are in good academic standing.

Joe Hughes, professor in the School of Civil and Environmental Engineering, and Steven Girardot, associate vice provost for Undergraduate Education, presented an

update on the Classroom Scheduling Task Force. The task force, co-chaired by Hughes and Girardot, included faculty from all six colleges, students, and administrators whose work involves class scheduling.

The Task Force found that the majority of classes currently occur between 9 a.m. and 3 p.m., causing inefficiencies in the use of campus space. Key recommendations include shifting classroom scheduling from Capital Planning and Space Management to the Registrar's Office.

A new daily scheduling grid also was introduced, which includes:

- Fifteen-minute pass times between classes.
- Two-day-a-week classes meeting for 75 minutes per class (currently 80 minutes).
- Friday flexible block to support a wide range of course types and delivery options.

The anticipated implementation is Fall 2017. Training on the new grid and related procedures is in the implementation process, and is being coordinated by the Registrar's Office.

George W. Woodruff School of Mechanical Engineering Professor Rhett Mayor presented an update from the Institute Undergraduate Curriculum Committee.

Action items approved included new course additions and degree modifications, as well as a new course code, NEUR, to accompany the forthcoming bachelor of science in neuroscience.

Scheller College of Business Professor David Sluss presented an update from the Institute Graduate Curriculum Committee.

- Action items approved included:
- School of Building Construction: new degree, Master of Real Estate Development, one new course;
 - College of Computing, College of Engineering, and College of Sciences: new degree, Ph.D. with a major in Machine Learning.

For full presentations, meeting minutes, and upcoming meeting schedules, visit facultygovernance.gatech.edu.

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Students can request access to Klemis Kitchen by contacting the Division of Student Life or Dana Hartley, Tech's campus liaison for homeless students. Hartley meets with students to understand their needs and identify other ways that Georgia Tech might be able to help.

Many of the resources Georgia Tech provides are programs driven by the hard work and contributions of other students. Hartley believes that, because of this, students often leave her office feeling more connected to the university and the student body.

“It means so much to the students who need help to realize that some of this help is actually coming from their peers and that their peers care,” she said. “It helps them feel less alone.”

According to Hartley, the non-perishable foods collected during student move out helped support the Klemis Kitchen pantry for a majority of the fall semester, a big step in making it a long-term, self-sustainable operation.

Jackson hopes the program will continue to grow as students witness the positive, and at times unconventional, effects recycling can



Photo by Fitrah Hamid

Tommy Klemis (above) attends the ribbon-cutting for Klemis Kitchen in 2014. The event took place at the old site of Junior's Grill, but the location of Klemis Kitchen is only disclosed to its patrons.

have on their campus and their peers.

Learn more about Klemis Kitchen at klemiskitchen.gatech.edu. If faculty and staff are interested in helping or donating to Klemis Kitchen cause or other initiatives that help Tech students in need, visit studentlife.gatech.edu/star or contact Hartley at hartley@gatech.edu.

EVENTS

TRAINING

Dec. 6

The Office of Information Technology hosts a webinar on the new Dropbox for Faculty/Staff service, from noon to 1 p.m. Learn more and register at: dropbox.gatech.edu

HEALTH & WELLNESS

Nov. 30

The Body Image Committee hosts a free yoga class from noon to 1 p.m. in the Peachtree Room, Student Center. Mats are provided. healthpromotion.gatech.edu

Through Dec. 21

The Stamps Health Services Pharmacy is providing flu shots for employees every Monday, Tuesday, and Wednesday from 8 to 10 a.m. Shots are \$25. More information at health.gatech.edu

MISCELLANEOUS

Nov. 24–25

Campus is closed for Thanksgiving Break. Classes also will not meet on Nov. 23.

Dec. 1

Students from the Ideas to Prototype program will showcase their work and innovations from the semester from 4 to 6 p.m. in the Klaus Atrium. createx.gatech.edu

Dec. 2

Graduate students and postdoctoral fellows can learn more about faculty careers and the Tech to Teaching certificate program at this drop-in event from 10 to 11 a.m. in Room 466A, Clough Commons. ctl.gatech.edu

Dec. 5–6

Final Instructional Class Days. No quizzes or tests may be administered.

Dec. 6

Graduating students will showcase their work from the semester at the Fall Capstone Design Expo from 4:30 to 8 p.m. at McCamish Pavilion. expo.gatech.edu

Dec. 7, 13

Reading periods. No classes will meet on these days from 8 a.m. to 2:20 p.m.

Dec. 26–30

Campus closed for winter break.

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



Georgia Tech’s robust student media operation includes a newspaper (*The Technique*), yearbook (*The Blueprint*), art and literary magazine (*Erato*), undergraduate research journal (*The Tower*), open-forum magazine (*The North Avenue Review*), traditions and history handbook for new students (*T-Book*), non-commercial radio station (WREK 91.1 FM), and the Georgia Tech Cable Network (GTCN). Members of the Tech campus and the Atlanta community see and hear the output of these operations every day, but few people see where the work takes place. The Office of Student Media, home to all of the operations except GTCN, is located in the Smithgall Student Services Building. GTCN, which is part of the Office of Housing, has a studio in the Freeman Residence Hall and technology support in the Rich Building.



(1) Victor Pino, a student operator and mixing engineer for Live@WREK, is repairing a turn table. (2) Vidya Iyer, editor of *The Technique*, shares a lighthearted moment with some of *The Technique* staff – David Raji, Harsha Sridhar, Casey Miles, and Nick Johnson. (3) Sophie Gonzalez (left) and Yelena M. Rivera-Vale review photos taken in the GTCN studio. (4) Ashleigh Bunch, an operator-in-training, selects music for her shift. (5) A complicated yet organized system of cables at the Rich Building keeps everything working smoothly at GTCN. (6) Sheena Ganju (right), WREK contest director, is showing the ropes to Connie Yu, an operator-in-training. See more photos at c.gatech.edu/studmedia.

CLASSIFIEDS

VEHICLES

Honda ST1300, 53K miles, GPS, driving lights, top box, handlebar riser with power outlet, highway pegs, and aftermarket padding in the seat. Have new tires for it as well. Contact scott.perkins@oit.gatech.edu.

Original Georgia Tech yellow 1976 L-48 Corvette Stingray. Fewer than 23,000 verified miles. \$13,000, negotiable. Car has been garage-kept for the past 40 years. AC, power steering, power brakes, AM/FM radio, rear defrost, T-Top covers. Selling as-is, no warranty. Contact daniel.schrage@ae.gatech.edu or 404-395-4456.

REAL ESTATE/ ROOMMATES

2BR/2.5BA house for rent in East Cobb/Marietta (30062). Sun room, enclosed patio, two-car garage, pool. Lawn and grounds maintained by HOA. Near wonderful shops and restaurants at The Avenue. Fully furnished and includes utilities. \$1,900/mo. Contact sandra.sheppard67@gmail.com, 770-364-3692.

1BR/1BA condo for rent. Amenities: pool, gym, secure gated parking, 24-hour concierge, on-site laundry. Walking distance to Tech and MARTA. \$1,500, all utilities included. Available Nov. 5. Call or text 404-822-6056.

Roommate wanted to share studio in Buckhead. Close to MARTA bus 110 route. \$680/mo. w/ utilities. Shared bath and room, mostly furnished, pet friendly. Contact 404-904-0202 or durasolopez@gmail.com.

Roommate wanted to share house in East Point (close to MARTA rail stop). \$680/month all-inclusive. Private bedroom, shared bath, W/D in unit. Mostly furnished. Must be pet friendly. Contact 479-883-5540 or ashlee.flinn@oie.gatech.edu.

Visiting scholar seeking short-term housing close to campus through April 30, 2017. Contact tchalakov@gmail.com.

MISCELLANEOUS

Furnishings and appliances for sale. Thomasville sofa, hunter green plaid, 81x34: \$90. LG appliances like new — ultra large top load washer, 4.7 cu. ft., white, and ultra large dryer, 7.3 cu. ft., steam dry cleaning feature, 4 years old: \$995. Refrigerator — large capacity 3-door french door w/ filtered water dispenser and ice maker, 5 years old: \$500. Contact spence.wilkinson@comcast.net.

Items for sale: Three cream-colored leather look counter-height bar stools, good condition. \$75 each or \$200 for set. One L-shaped computer desk w/ pull-out keyboard tray, excellent condition. \$50. One maroon cloth computer swivel chair with arms, excellent condition. \$35. Contact 678-481-8170.

Two twin box springs and king bed frame for sale. All three are only one year old, from a pet-free, smoke-free home. All purchased from Mattress Firm. \$200. Contact calla.talman@scheller.gatech.edu.