



THE WHISTLE

WORK AND LIFE AT GEORGIA TECH • August 29, 2022

Georgia
Tech.

Vol. 47, No. 17
whistle.gatech.edu

AN EVER-EVOLVING CAMPUS



Photo by Rob Felt

Students enjoy Rock, Ramble, 'n Roll at the new John Lewis Student Center and Stamps Commons on Sunday, Aug. 14. The new venue is now open to the campus community.

What's Happening in Campus Construction

CATHY BRIM
INSTITUTE COMMUNICATIONS

This year has been a pivotal one for Infrastructure and Sustainability (I&S), the unit behind many of the campus improvement projects under construction on the Georgia Tech campus.

From Tech Square to Science Square, construction has been active on all corners of campus. Take a look at what was recently completed and what's to come.

COMPLETED OR SOON TO WRAP UP

Campus Center

The John Lewis Student Center and Stamps Commons opened the week of Aug. 1. As part of the Campus Center Project, this final phase consisted of the renovation of the original part of the Student Center building, the addition

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Nominations Open for Staff Council

Nominate Yourself or Someone Else by Sept. 2

KRISTEN BAILEY
INSTITUTE COMMUNICATIONS

The Georgia Tech Staff Council is now accepting nominations. This year, elected member nominations and committee member applications are being accepted simultaneously.

Eligible employees must have been employed at Georgia Tech for at least one year (hire date no later than Aug. 15, 2021). Elected representatives will be expected to serve a three-year term.

Committee members serve a one-year term and must have been employed at Georgia Tech for at least one year at the time they begin their service on a committee (hire date no later than Feb. 15, 2022).

In accordance with Staff Council bylaws, 23 total Staff Council seats are allocated between the five categories that make up the Job Classification and Compensation System (JCCS) structure. This year's election will fill nine representative spots.

Nominations are open until Friday, Sept. 2. Learn more and nominate someone at staffcouncil.gatech.edu/staff-council-elections.

HAPPY HIRING



Photos by Rob Felt

Human Resources held its annual student hiring event Aug. 17-19 in the Clough Undergraduate Learning Commons. The event gives students an easy, in-person way to complete paperwork for their on-campus jobs for the year.

Sustainable Covid-19 Response Helps Keep Community Safe

RACHAEL POCKLINGTON
INSTITUTE COMMUNICATIONS

With the start of the fall semester, it is a good time to remind ourselves of Georgia Tech's recent operational shifts to help keep the community as safe as possible while we move from a temporary emergency Covid-19 response into an ongoing, sustainable Covid-19 response. Read all updated guidance at health.gatech.edu/coronavirus.

As part of Georgia Tech's continued monitoring of the overall health of the campus community, we have transitioned from individual surveillance testing to wastewater surveillance testing. Over the past 18 months, Georgia Tech's Covid-19 testing team has validated the use of wastewater testing for Covid-19 detection and has

put in place the infrastructure necessary to conduct broad-based wastewater surveillance. As such, Georgia Tech has created new dashboards to track and report the status of wastewater testing as well as symptomatic positives (students only) from Stamps Health Services.

About Wastewater Testing

- Wastewater testing, or wastewater-based epidemiology (WBE), is an emerging field used to understand infectious disease transmission and other human health trends evident in sewage or wastewater.
- While wastewater testing has existed for more than 40 years, it has rapidly come to the forefront of disease surveillance with the Covid-19 pandemic.
- Wastewater testing detects and quantifies the presence in sewage

of the genome (RNA genetic material) from the virus that causes Covid-19, SARS-CoV-2.

- This data helps identify trends of increasing or decreasing community spread of the virus as well as potential "hotspots."
- Higher SARS-CoV-2 genome counts reflect higher rates of Covid-19 infections and, hence, an increased risk to public health.

Beginning this summer, Georgia Tech deployed eight autosamplers across campus that are programmed to pump small volumes of sewage from a given site at regular time intervals throughout the day, yielding a composite sample of sewage that represents a sample collected over multiple days. Currently, samples are taken for analysis on Monday and Thursday mornings.

Read more at news.gatech.edu.

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of a brand new three-story building in place of the original Stamps Commons, and upgrades to the Kessler Campanile and its plaza.

The iconic Campanile and surrounding plaza are being reconfigured to improve accessibility around the site. Its water feature will be updated to become more sustainable so that beloved campus traditions that occur in the space can safely continue. These improvements are on track for completion later this fall.

10th Street Electrical Substation Improvements – Phase 2

Improvements have increased the electrical resiliency of the plant by upgrading its four electrical substations to protect capacity required for campus cooling. This electrical substation powers the 10th Street chiller plant that provides chilled water to the campus and currently operates 24 hours a day, 365 days a year. Originally constructed in 1995, the plant has been expanded and currently houses seven chillers with a total capacity of more than 15,000 tons.

828/830 West Peachtree Demolition

The demolition of two buildings along West Peachtree is complete, and the space is currently being used for campus parking. During the fall semester, the space will house food trucks and serve as additional parking for gameday visitors.

Howey Physics – Lecture Hall 5 Renovation

Following the successful renovation of the four large lecture halls in the building, Lecture Hall 5 is now complete. Flexible seating was installed, along with new windows to allow daylight into the revitalized space.

IN PROGRESS

Ramblin' Wreck Garage

Constructed to house and display the Institute's mechanical mascot, the nearly all-glass structure with



Rendering of the Ramblin' Wreck Garage

showroom-quality lighting and rooftop solar array will foster community spirit in the heart of campus. The garage houses a tool bench, vehicle turntable, and lift for students to maintain the Wreck. Located near the Campus Center and the Campanile Plaza, the garage will showcase the Ramblin' Wreck and offer outdoor programmable space. The Wreck will also be in a direct line of sight from the Little Theater in the Student Center, where prospective student tours depart, reinforcing the connection between the students and Georgia Tech's rich traditions.

Boggs Building Electrical Project

This resiliency project will replace the existing network transformers, panels, and switchgear that support the electrical distribution systems throughout the facility that houses laboratories and offices spaces for the College of Sciences. The upgraded system will increase preparedness and the ability to respond to electrical disruptions. The expected completion date is May 2023.

Coliseum Annex Renovation

Adjacent to McCamish Pavilion, the Coliseum Annex will undergo renovations to its student-athlete track and field and cross country locker rooms, coaches' locker rooms, the training room, and storage and support spaces. A lounge, nutrition space, and hydrotherapy space are also planned.

The third-floor renovation will consist of two new smaller locker rooms for officials and visiting teams. Project completion is slated for December 2022.

Access Control Upgrade

In progress since 2015, the implementation of a single, campuswide physical access control service is planned for completion by the end of the year. The scope of work includes the replacement of existing access-control hardware systems for an estimated 4,000 entrances to academic buildings, residence halls, research space, and athletic facilities. Research has begun on a mobile credential program, which would allow doors to be opened via a mobile phone or smartwatch.

Community and Chefs Garden Expansion

The Community Garden, located on the east side of the Instructional Center, will be upgraded to add accessible pathways and garden plots as well as increase the number of individual plots. The installation of cooking instruction tables and facilities will allow for chef demonstrations. More trees will be planted in the orchard area, and a new composting area, shed, and fencing will also be installed. This project is scheduled to be completed in October.

PROJECTS, from page 1**JUST GETTING STARTED****Science Square**

Twenty acres of mostly undeveloped land just off North Avenue near Northside Drive will be transformed into a new research community. Science Square will expand Tech's biotech and life science research space and help revitalize and nurture new opportunities on Atlanta's west side. A 13-story tower will feature labs, clean rooms, and research space as well as retail space and affordable housing. Science Square is slated to open in 2024.

Aerospace Engineering Aircraft Hangar

The Aircraft Hangar facility is proposed to be in the North Avenue Research Area (NARA) adjacent to the Techway building complex. This project will primarily focus on creating a facility to house small aircraft for the Daniel Guggenheim School of Aerospace Engineering research. The facility will be approximately 10,000 gross square feet and consist of two floors. Design planning is underway.

D.M. Smith Building Renewal

Renovations will include several upgrades to the building's infrastructure, including strengthening compliance with the Americans with Disabilities Act of 1990 by creating a permanent wheelchair access feature and adding an elevator. New mechanical,

electrical, and plumbing systems will increase occupants' health and comfort, as well as the building's energy efficiency. A virtual lab and hoteling spaces will be created for members of the School of Public Policy. The outer structure will remain largely intact, and all proposed changes will respect the historical character of the building. Renovations to the building are planned to begin in late 2023 and conclude in Spring 2025.

Georgia Tech Veterans Walk of Honor

Located outside the Veterans Resource Center, this tribute project will honor all Georgia Tech alumni, students, and staff who have answered the call to service in the United States armed forces. The walkway leading to the Veterans Resource Center will feature granite inlays and mounted wall plaques recognizing the six branches of the military. Each inlay will include a portion of Morse code representing the branch's slogan, encouraging discovery and reflection.

Adjacent elevated signage will display the core values of military service: honor, courage, commitment, respect, duty, valor, service, and integrity. An upper plaza reflection area will feature an American flag and overlook Griffin Track and McCamish Pavilion, with the city skyline in the distance.

COMING SOON**Student-Athlete Performance Center**

The 115,000-square-foot facility will be built in the footprint of the current Edge/Rice Center in the northeast corner of Bobby Dodd Stadium. The Center will house strength and conditioning, nutrition, sports medicine, ticket sales, and academic support. It will also include new expanded space for Georgia Tech football, featuring a dedicated football-only strength-and-conditioning area, players' lounge, and meeting spaces. The student-athlete performance center will also include premium seating for Georgia Tech football games and other events held inside

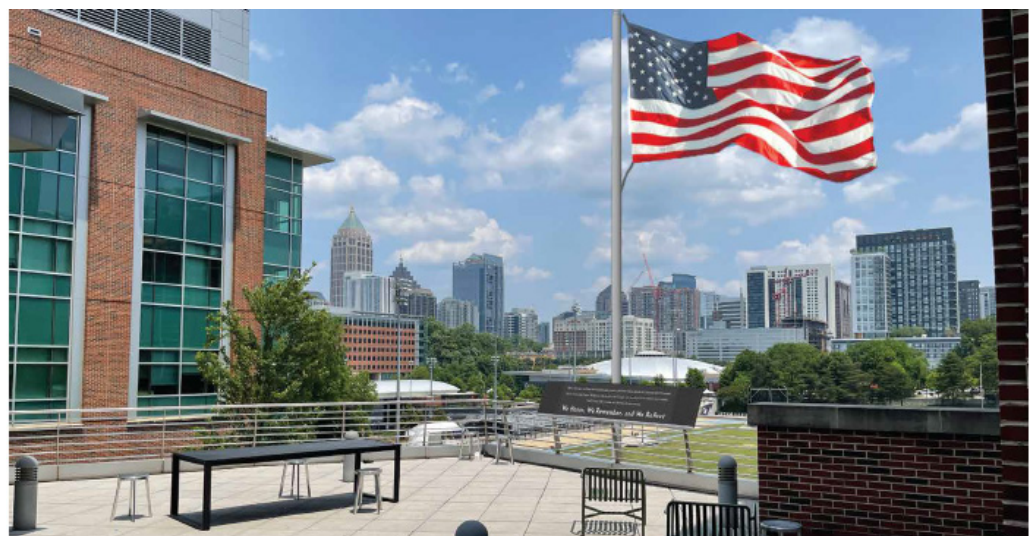
Bobby Dodd Stadium. The estimated completion date is early 2026.

East Campus Streetscape

Renovation of sidewalks and roadways will improve pedestrian and cycle access, safety, and connectivity to the east side of campus and Tech Square. Current sidewalks, curbing, and roadway paving will be improved. Designs are underway with phased construction planned for next summer and full completion projected for Fall 2024.

Ferst Drive Realignment and Cycle Track

Realignment of Ferst Drive at Regents Drive will allow the elimination of the traffic signal and enable connectivity to the planned bicycle infrastructure southwest of campus. A cycle track will be installed along Ferst Drive, providing improved safety and separation between cycles and buses at the bus stops. This project is also in the design phase, with construction planned for next summer.



Rendering of the Veterans Walk of Honor