

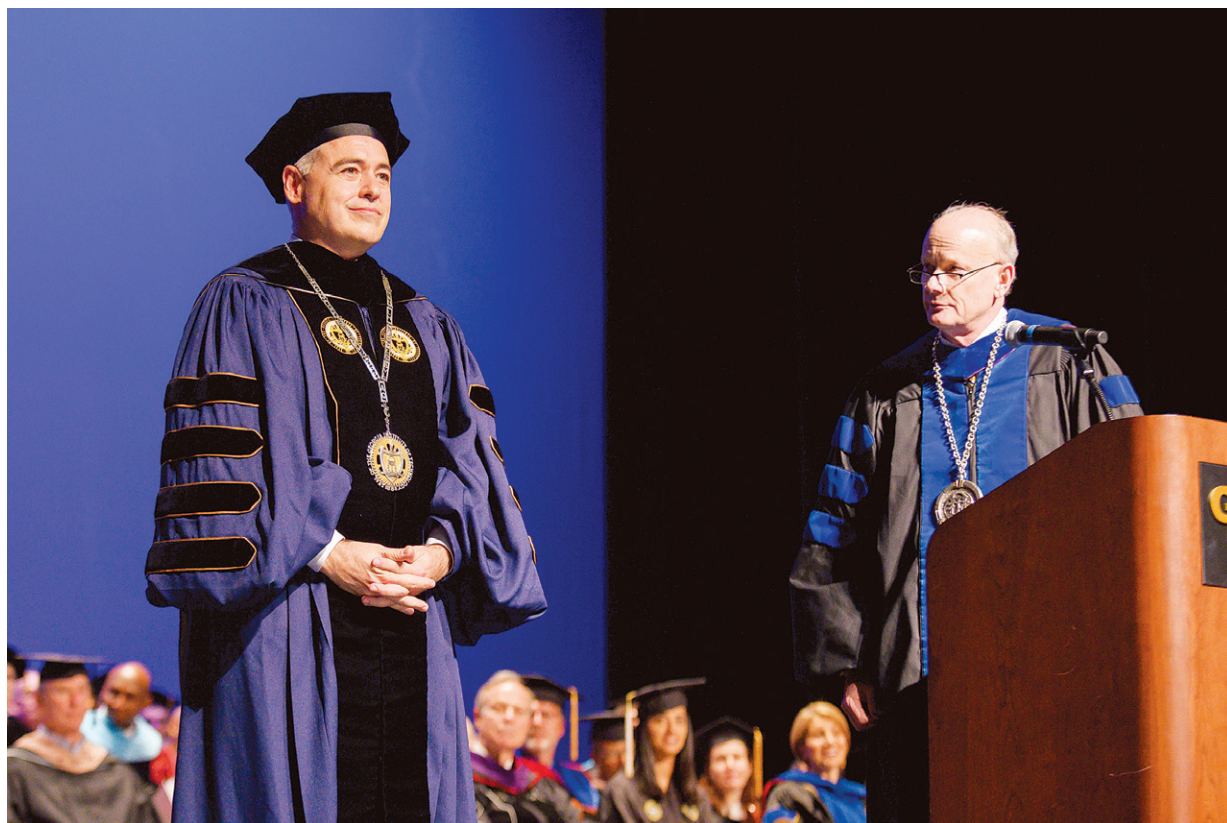
# The Whistle

WORK AND LIFE AT GEORGIA TECH • November 11, 2019

Georgia  
Tech

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## MAKING IT OFFICIAL



University System of Georgia Chancellor Steve Wrigley (right) formally confers the rank of president on Ángel Cabrera at the Oct. 28 Investiture ceremony. Take a look at more moments from Investiture on page 3.

Photo by Christopher Moore

## 25 Years of Keeping Tech's Past Alive

MELISSA FRALICK  
GEORGIA TECH ALUMNI MAGAZINE

Over its 134-year life-span, the Institute can claim scientific and technological advancements and incredible alumni who've changed the world. But it wasn't until 25 years ago that someone stepped up to record firsthand accounts of these achievements in one place. The Living History Program, established in 1994, has been going strong for the last quarter century collecting, preserving, and presenting the stories, history, and traditions of Georgia Tech. It all started when a phone call that no one quite knew how to handle ended up at the desk of Marilyn Somers, Honorary Alumna 2008, who at the time was serving as the Georgia Tech Alumni Association's director of communications and public relations. A nursing home in Baltimore had reached out in search of a recording



Photo by Scott Dinerman

Living History staff Marilyn Somers (front) and Scott Dinerman (right) with student interns Jamie Johnson and Steven Corrales.

of the Ramblin' Wreck fight song to play at the birthday celebration of a 100-year-old Tech alumnus. "I of course agreed and said that I would

send him a little birthday present and a recording," Somers says.

see **HISTORY**, page 2



Photo courtesy of Getty Images

Your Thanksgiving table doesn't have to look this good to be a Home for the Holidays host.

## Give Students a Home for the Holidays

VICTOR ROGERS  
INSTITUTE COMMUNICATIONS

The holidays can be stressful, especially for many international and out-of-state students who are unable to travel to their homes. But Georgia Tech's Student Government Association (SGA) has a solution. The SGA facilitates a program called Home for the Holidays, where Georgia families may volunteer to host a student for a Thanksgiving meal. Host families and students come together to celebrate and enjoy the holiday with their fellow Yellow Jackets. If you would like to host a student, or if you are a student in need of a host for Thanksgiving, visit [sga.gatech.edu/HFTH19](https://sga.gatech.edu/HFTH19). The application deadline is Nov. 15. If you have questions, email undergraduate SGA's chief of staff, Alice Francis, at [acfrancis@gatech.edu](mailto:acfrancis@gatech.edu).

## How Georgia Tech's Budget is Affected by the State Budget

RACHAEL POCKLINGTON  
INSTITUTE COMMUNICATIONS

Georgia Tech has completed the first quarter of the Fiscal Year 2020 budget. While this year represents Tech's largest budget submission to date — with all funds totaling a record-breaking \$2.02 billion — as a state entity, there is reason to be mindful of how Georgia Tech's budget is affected by the state of Georgia. Jamie Fernandes, executive director for Institute Budget Planning and Administration, helps provide clarity on this issue.

see **BUDGET**, page 2

## NEWS BRIEFS



### Putting Ethics First

This week marks Ethics Awareness Week, part of a statewide effort across the University System of Georgia. See what's happening on campus and get a refresher on Tech's core values at:

[gatech.edu/about/ethics](https://gatech.edu/about/ethics)



### Storytelling Crawl Returns for Second Year

Transformative Narratives returns this year with storytelling workshops this week, as well as digital and in-person curated stories of members of the Georgia Tech community. Plan to attend an event or learn more at:

[c.gatech.edu/tnsc](https://c.gatech.edu/tnsc)



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EVENTS

ARTS AND CULTURE

Nov. 17

The Georgia Tech Chamber Orchestra performs holiday music from 3 to 4:30 at the Ferst Center for the Arts.  
[music.gatech.edu](http://music.gatech.edu)

Nov. 19

Georgia Tech's Concert Band and Symphonic Band perform from 7:30 to 9 p.m. at the Ferst Center for the Arts.  
[music.gatech.edu](http://music.gatech.edu)

Nov. 20

Georgia Tech's Jazz Combos will perform from 7:30 to 9 p.m. in Room 175, West Village.  
[music.gatech.edu](http://music.gatech.edu)

Through Dec. 31

The Astounding Elements exhibit will be on display in Crosland Tower, featuring chemical elements in fiction and highlighting objects from Georgia Tech periodic table events throughout the year.  
[periodictable.gatech.edu](http://periodictable.gatech.edu)

SEMINARS AND LECTURES

Nov. 20

The Center for International Strategy, Technology, and Policy and Global Change Program host "Double Jeopardy: Combating Nuclear Terror and Climate Change" from noon to 1:30 p.m. in the Alumni House Ballroom. The event features Daniel Ponemon, former deputy secretary of the U.S. Department of Energy, current senior fellow with the Belfar Center at the Harvard Kennedy School, and president and chief executive officer of Centrus Energy Corp.  
[cistp.gatech.edu](http://cistp.gatech.edu)

Nov. 22

The ADVANCE Program hosts a Demystifying Georgia Tech session on Institute Communications Strategy and Execution from noon to 1 p.m. in Room 343, Student Center. RSVP at:  
[advance.gatech.edu](http://advance.gatech.edu)

WORKSHOPS AND TRAINING

Nov. 14

The Center for Teaching and Learning hosts "Teaching with Technology Spotlight: Video Based Quizzing" from 11:30 a.m. to 1 p.m. in the Piedmont Room, Student Center. Register to attend at:  
[ctl.gatech.edu](http://ctl.gatech.edu)

EVENTS continued on page 3

BUDGET, from page 1

How is Georgia Tech's budget funded?

The \$2.02 billion budget for FY 2020 is funded by five major revenue sources.

- Sponsored funding equates to \$683 million, or 34% of the total, and this component has been growing steadily year after year. This revenue source also includes funding from the Georgia Tech Foundation for scholarships and other uses.
- Tuition accounts for \$412 million, or 20% of the total revenue. To date, the Institute is within 1% of the projected tuition revenue, which is very positive.
- State appropriations total \$361 million, or 18% of the total budget. It is important to understand the sensitivity/vulnerability of this source, which has been increasing along with Tech's enrollment but declining as a percentage of the total budget for nearly a decade. This year, tuition revenue exceeds state appropriations for the 10th year.
- Indirect cost recoveries from sponsored funding account for \$238 million, or 12%, of this year's annual budget. This revenue is basically "reimbursement" revenue from costs incurred related to the work that is funded by sponsors (e.g. grants and contracts).
- Finally, Auxiliary Services, which consists of revenue-generating entities on campus including housing, dining, health services, parking, transportation, and retail, contributes \$171 million or 8% to the total budget.

These sources represent 92% of Tech's total budget. At the moment, we are working on our budget-to-actual revenue analysis. As part of this analysis, we review how revenues have

materialized, as compared to projections, and adjust the budget up or down accordingly. In addition to tuition revenues, our overall revenues are looking positive.

How is Georgia Tech affected by the state budget? How healthy is the state budget?

Georgia Tech is considered a sub-agency of the Board of Regents (BOR), and it receives state appropriations through the Teaching Formula in the BOR's budget. The BOR is funded through the Appropriations Act, passed annually by the Georgia General Assembly and signed by the governor. The FY 2020 budget for the state was built on revenue growth of just over 3% from FY 2019. In order for the state to achieve this 3% revenue growth, it would need to generate an additional \$50 million per month above the FY 2019 budget. So far, this has not materialized. Through September (only the first quarter into the new fiscal year) the state has generated an additional \$21.1 million total, meaning the state is already under budget by some \$130 million for the year. Even though it's the beginning of the fiscal year, it is easy to see why Governor Kemp is being cautious about proceeding to spend the budget as originally passed this spring and why he is calling for agencies to develop proposals of a 4% cut in the current fiscal year and 6% cut in FY 2021.

What does this revenue shortfall and request for budget cuts mean for the University System of Georgia (USG) and specifically Georgia Tech?

The BOR is required to submit reduction plans for nonformula-driven programs throughout the system. At Tech, this applies to the Georgia Tech Research Institute (GTRI) and Enterprise Innovation Institute (EI²) since they are funded

through a separate program in the appropriations bill that is not tied to the instruction formula. Consequently, GTRI and EI² are submitting reduction proposals for their state appropriations funding in both FY 2020 (4%) and FY 2021 (6%). The Teaching Formula, which supports the Institute's primary Resident Instruction budget, is currently exempt from these requirements. The USG will continue to work with the governor's Office of Planning and Budget throughout the fall budget process for further guidance. The governor will release his budget recommendation in January, and we will know at that time how GTRI and EI² will be affected.



Fernandes

What could be the broader implications if revenue collections don't improve?

Due to the current budget climate, we are carefully watching the state budget revenues. While our formula funds are currently exempt from the governor's budget reduction exercise, if state revenues remain lethargic, then it is possible our formula funds may be affected. As such, we are asking the Institute to remain conservative in spending and be prepared to plan for a 2% contingency on budgets funded with state funds. We will continue to keep the Georgia Tech community aware of the state budget process and how it will impact campus, as we continue through the budget cycle.

HISTORY, from page 1

From there, Somers could have easily crossed it off her to-do list and moved on. But she began thinking about this 100-year-old Yellow Jacket and the interesting stories and memories he must have from his time at the Institute so long ago. A fan of the informational kiosks at state parks, Somers thought that the Alumni Association may be able to implement something similar to share stories and interviews with alumni. When she pitched the idea, her boss at the time wasn't initially sold. But a member of the Association's Board of Trustees caught wind of it and liked the idea so much that he offered to donate recording equipment from his business to get the project going. Not knowing exactly where to start, Somers reached out to the National Park Service for guidance, and was connected with Suzanne Williams, an oral historian teaching at Reinhardt University for the summer. Williams thought Somers had a great idea, and agreed to come to Atlanta to help kick off the program. Williams

introduced Somers to the intricacies and legal parameters of collecting oral history, and put her in touch with national oral history organizations. The program, established as the Georgia Tech Oral History Program, was quickly taking shape. Somers assembled a list of alumni who graduated before 1925, and sent out postcards asking them to share their stories. A handful of Georgia Tech students were hired to interview alumni, with Somers overseeing the program. Somers followed industry best practices to set up Tech's oral history program, with one exception. The standard at the time was to capture stories by audio recorder. "The one thing I deviated from was that I didn't think it should only be audio," Somers says. With video cameras becoming lighter and more portable by the mid-1990s, "I decided to do video, because what could the harm be?" Several interviews in, it became clear that using multiple students as interviewers provided inconsistent results, so Somers began conducting the interviews herself.

She's done more than 1,150 since. For several years, Somers split her time between interviews for the program and her public relations role at the Alumni Association. But by 1999, the program had grown, and Somers transitioned into the role of Living History director full-time. In 2005, Scott Dinerman, STC 2003, was hired to capture the stories of his fellow Ramblin' Wrecks as the Living History program's video producer and editor. He's since captured more than 600 interviews, editing the program's fascinating documentaries and producing other multimedia projects. Though students no longer conduct interviews, they are still an integral part of the Living History team. Each year, a handful of students work for the program transcribing and indexing video interviews. Thanks to their hard work, each of the Living History interviews can be searched by keyword and is available with a written transcript and timeline. "What we're trying to do is record as many interviews as we can and get those in a word-searchable database so that researchers can

find first-person accounts of just about any subject they can think of," Dinerman said. Today, the Living History team records an average of one interview a week, for a total of 40-50 a year. They travel to their subjects, and Dinerman has compact recording equipment that fits onto a hand truck for transportation. "We prefer to go to their homes so they are more comfortable," he said. Somers' Living History interviews are expansive. They cover their subjects' entire lives — before, during, and after their time at Georgia Tech — to give a complete picture. This provides details that, while not Tech-specific, are fascinating in their own right. "Some of our tales told as secondary stories are just priceless," Somers said.

This story has been edited for length. To read the rest of the story, visit [gtalumnimag.com](http://gtalumnimag.com).



# AN INVESTITURE TO REMEMBER



Photos by Allison Carter, Rob Felt, and Christopher Moore



Georgia Tech's 12th Investiture began with a breakfast the morning of Oct. 28. President Ángel Cabrera greeted guests, including some who had traveled from Universidad Politécnica de Madrid, Cabrera's alma mater in Spain, to attend the event. Two of Tech's first African American students, Lawrence Williams and Ralph A. Long Jr., also attended the Investiture events. David Brown, electrician and chair of the Staff Council, spoke on behalf of the Georgia Tech staff at the ceremony. The ceremony itself was a mix of formal and fun, and included a step performance from the National Pan-Hellenic Council. As part of the festivities, all of campus was invited to celebrate on Tech Green to enjoy food and refreshments, meet the president, and leave him welcome notes. Cabrera's family attended the event, including his wife and fellow Tech graduate Beth Cabrera, son and Tech graduate Alex Cabrera, and daughter and Harvard University student Emilia Cabrera.

To see more photos from the event and watch the ceremony in its entirety, visit [news.gatech.edu/features](http://news.gatech.edu/features).

## EVENTS

### Nov. 20

The LGBTQIA Resource Center hosts a Level Up Ally Training from 9 to 10:30 a.m. in Room 319, Student Center. This training expands on the skills learned in Safe Space training. Learn more and register at: [lgbtqia.gatech.edu](http://lgbtqia.gatech.edu)

### Nov. 22

The Center for Teaching and Learning hosts a workshop for graduate students and postdoctoral fellows on Writing Learning Outcomes from 9 to 10:30 a.m. in Room 319, Student Center. [ctl.gatech.edu](http://ctl.gatech.edu)

### Dec. 2

The End Suicide initiative hosts a Question, Persuade, Refer (QPR) Training from 3 to 5 p.m. in Room 117, Smithgall Student Services (Flag) Building. Register at: [endsuicide.gatech.edu](http://endsuicide.gatech.edu)

## MISCELLANEOUS

### Nov. 13

A U.S. Passport Fair will take place from 9 a.m. to 3 p.m. in the Peachtree Room, Student Center. Representatives from USPS will be on site to take passport photos and to help with applications. Register for the free event at: [c.gatech.edu/passport2019](http://c.gatech.edu/passport2019)

### Nov. 16

Georgia Tech football hosts Virginia Tech at 3:30 p.m. at Bobby Dodd Stadium. [ramblinwreck.com](http://ramblinwreck.com)

### Nov. 21

Realities of Resilience will feature Georgia Tech leaders Lynn Durham, John Stein, and Charles Isbell sharing insights on building personal resilience. The event will take place from 11:30 a.m. to 1 p.m. in Room 1116W, Klaus Advanced Computing Building.

### Nov. 21

Georgia Tech football hosts N.C. State at 8 p.m. at Bobby Dodd Stadium. [ramblinwreck.com](http://ramblinwreck.com)

### Nov. 27-29

Classes will not meet. Campus will close for the Thanksgiving holiday Nov. 28-29.

### Nov. 30

Georgia Tech football hosts the University of Georgia at Bobby Dodd Stadium. Game time TBA. [ramblinwreck.com](http://ramblinwreck.com)

### Dec. 4

Reading period will take place for the fall semester.

### Dec. 5, 10

Reading period will take place for the fall semester from 8 a.m. to 2:20 p.m.

### Dec. 5-12

Final exams will take place for fall semester.

For a more comprehensive listing of events, or to add your own, visit [calendar.gatech.edu](http://calendar.gatech.edu).



# INQUIRY IN ACTION



Photos by Allison Carter and Rob Felt

During the past several weeks, students, faculty, and staff have been sharing their thoughts on what they envision for Georgia Tech's next 10 years at appreciative inquiry sessions. The sessions are part of a strategic planning effort launched by President Cabrera last month.

## Upcoming Strategic Plan Visioning Sessions

The following visioning sessions are open to all students, faculty, and staff. Additional sessions are also being offered for students only. For those dates, and to RSVP for a session, visit [strategicplan.gatech.edu/events](https://strategicplan.gatech.edu/events).

<b>Wednesday, Nov. 13</b> 11 a.m. to noon Online (webinar)	<b>Monday, Nov. 18</b> 10 to 11:30 a.m. Crescent Room, Student Center	<b>Tuesday, Nov. 19</b> 11:30 a.m. to 12:30 p.m. Online (webinar)	<b>Monday, Dec. 2</b> 10 to 11:30 a.m. Student Center Ballroom	<b>Tuesday, Dec. 3</b> 9 to 10 p.m. Online (webinar)
<b>Thursday, Nov. 14</b> 1 to 2:30 p.m. Room 314, Scheller College of Business	<b>Monday, Nov. 18</b> 9 to 10 p.m. Online (webinar)	<b>Thursday, Nov. 21</b> 9 to 10 a.m. Online (webinar)	<b>Tuesday, Dec. 3</b> Noon to 1 p.m. Press Rooms A and B, Bill Moore Student Success Center	<b>Tuesday, Dec. 4</b> 10:30 a.m. to noon Banquet Room 175, Technology Square Research Building

## FACULTY AND STAFF ACHIEVEMENTS

**Adjo Amekudzi-Kennedy**, professor in the School of Civil and Environmental Engineering and the School's associate chair for global engineering leadership and entrepreneurship, has joined the ranks of the nation's most distinguished engineering and construction professionals as one of the newest members of the National Academy of Construction. An induction ceremony took place in October.

**Erin Buckley**, assistant professor in the Wallace H. Coulter Depart-

ment of Biomedical Engineering, received a Hidden Gem Award from the Emory University School of Medicine. This award recognizes faculty members who have been nominated by their departments in recognition of their outstanding, but often unnoticed or unrecognized, contributions to Emory.

**Hao Chen** and **Deepak Divan** won the first place prize paper award for 2018 in the IEEE Transactions on Power Electronics. They were presented with the award

at the IEEE Energy Conversion Congress and Exposition in Baltimore, Maryland. Chen is a recent Ph.D. graduate from the School of Electrical and Computer Engineering, and Divan is the John E. Pippin Chair Professor in the School of Electrical and Computer Engineering and a Georgia Research Alliance Eminent Scholar.

A paper coauthored by **Saad Bin Nasir**, a recent Ph.D. graduate from the School of Electrical and Computer Engineering, and **Arijit**

**Raychowdhury**, professor in the School of Electrical and Computer Engineering, was selected as a Top Pick Paper in Hardware and Embedded Security from papers submitted to multiple industry conferences.

**Willie Pearson**, professor in the School of History and Sociology, was reappointed to the National Science Foundation's Social, Behavioral, and Economic Sciences Advisory Committee.

## 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

Roommate wanted for new 2BR/2BA fully furnished basement apt. in W. Cobb near Marietta Square. Ideal for staff, student, or visiting scholar. \$800/mo., some utilities included. Available Dec. 1. Contact dgray2000@yahoo.com, 770-687-8993.

3BR/2.5BA townhome off 14th and Holly St. Walking distance to Tech via path by Grad Housing and Turner. Two deeded parking spaces. View listing at <https://tinyurl.com/14th-nearGT>. Contact Maggie, 404-804-6405.

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.

### MISCELLANEOUS

Interested in owning partial 2020 Braves season tickets (2 tickets)? Section 35: behind visitor dugout, aisle seats, \$104/ticket (list price). B11 parking option each game. Contact Aaron, aaron.fowler@gatech.edu.

Free yellow jacket nest removal. Nests to be used for research in the School of Biology. Email michael.goodisman@biology.gatech.edu to arrange a pickup.

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.

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](mailto:editor@comm.gatech.edu).