DESIGNING THE FUTURE

FIVE YEARS IN

STRATEGIC PLAN | DRAFTED 2010 | Georgia Tech

It's been five years since Georgia Tech set out to begin "designing the future" with its 25-Year Strategic Plan.

In some ways, not a lot has changed. Georgia Tech is still one of the best institutions of higher learning in the country and world, and is still dedicated to improving the human condition through advanced science and technology. The Ramblin' Wreck is still running, and George P. Burdell is still here.

And in other ways, it's a different place than it was five years ago. Tech is trailblazing in the way it educates students, partners with government and industry, serves its employees, and connects with its local and global communities. Physically, numerous new facilities now exist to serve an increasingly interdisciplinary approach in all areas of academics and research. Demographically, it's more diverse than ever, with this year's freshman class having more women and more African-Americans than ever before, and it's a place where the President of the United States wants to come to cite what is being done right in higher education today.

As we move forward, with 20 percent of the plan's timeline now passed, it is encouraging to look back at the progress made and how Georgia Tech is strategically changing the world. »»»

GEORGIA TECH'S 25-YEAR STRATEGIC GOALS

GOAL ONE	GOAL TWO	GOAL THREE	GOAL FOUR	GOAL FIVE
Be among the most highly respected technology-focused learning institutions in the world.	Sustain and enhance excellence in scholarship and research.	Ensure that innovation, entrepreneurship, and public service are fundamental characteristics of our graduates.	Expand our global footprint and influence to ensure that we are graduating good global citizens.	Relentlessly pursue institutional effectiveness.

GOAL 1

Rocking in Rankings
U.S. News & World Report ranked Tech as the No. 7 public university for 2016. Tech also earned the No. 13 spot in the Most Innovative Schools category and the No. 30 spot in Best Colleges for Veterans.

Innovation Ecosystem Blossoms in Tech Square
AT&T, The Home Depot, Southern Company, Panasonic, ThyssenKrupp Elevator, and NCR all now have innovation centers in Tech's neighborhood. ❯

Freshmen Make Impact in the Face of Grand Challenges
In 2012, the Grand Challenges Living Learning Community began giving first-year students a chance to tackle global issues related to food, water, energy, and health.

Class of 2015 Sets Records for Academics, Diversity
This year's freshman class represents 64 countries, 48 states, 86 Georgia counties, and more than 1,400 high schools. It also has the highest academic profile to date. ❯
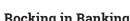
Tech and the K-12 Mission
Tech takes a keen interest in training future scientists and engineers through initiatives such as Project ENGAGES, a high school education program that began in 2013.

Professors Pilot New Teaching Models
Tech faculty and students are at the forefront of new teaching and learning models, such as flipped classes, and the pioneers are sharing tips with others as they blaze the trail.

Tech Launches World's First Massive Online Degree Program
In 2014, we revolutionized online learning through a partnership with AT&T introducing an Online Master of Science in Computer Science degree that costs about $6,600.

Student Experience Survey Shows Gains
Data from the 2015 Student Experience Survey shows that more students are highly likely to recommend Tech to others, find it very friendly, and have a high-quality experience.

❯ TREKKING MOUNT EVEREST

❯ SERVE-LEARN-SUSTAIN

❯ CIVIL ENGINEERS IN BOLIVIA

GOAL 2

Creating the Next Musical Instruments (and Musicians)
Tech's Shimi and Shimon robots took center stage on *The TODAY Show* in May 2015, showcasing Georgia Tech's cutting-edge program in music technology.

Tech Launches Manufacturing Institute
In 2012, Tech created a new Interdisciplinary Research Institute to promote a technologically advanced and globally competitive manufacturing base in the U.S.

Surviving Cyberspace
As cybersecurity becomes increasingly important, faculty and researchers in the new Institute for Information Security and Privacy are focused on finding new ways to keep our data and privacy safe.

Tech Selected as National University Transportation Center
Being named as the lead for one of 10 centers by the U.S. Department of Transportation in 2012 let Tech take a step forward in developing solutions to transportation challenges in Georgia and the region.

Campaign Georgia Tech Surpasses $1.5B
Gifts from Tech alumni and friends, corporate partners, foundations, and others have funded endowed faculty chairs and professorships, student scholarships, new facilities, and research centers. ❯

Tech, Emory Collaborate on Law Master's Degree
A new program began in 2014 that lets students earn both a bachelor's degree from Georgia Tech and a juris master's degree from Emory University in as little as five years.

Investing in Infrastructure
The Clough Undergraduate Learning Commons (opened in 2011) and Engineered Biosystems Building (opened in June 2015) are two new facilities that demonstrate a collaborative approach to academics, research, and campus life. ❯

Honoring and Learning from Tech's Best Teachers
Tech continues to find new ways to cultivate, recognize, and reward great teaching. A new commemorative wall in the Clough Undergraduate Learning Commons is one testament to that goal.

> ENGINEERED BIOSYSTEMS BUILDING

> AT&T FOUNDRY

> CADDELL BUILDING,
> MADE POSSIBLE BY CAMPAIGN GEORGIA TECH

> BEATRICE MTETWA

> APS SCHOLARS

> INTERNATIONAL FOOTBALL CLINIC

> MAKERS AT THE INVENTION STUDIO

GOAL 4

Tech Launches Program in Shenzhen

As of 2014, students from all over the world can study electrical and computer engineering with Tech faculty, gain experience studying and living in China, and interact with multinational companies.

Outdoor Recreation Reaches Mount Everest

One group of students took an expedition in 2014 through Nepal to Mount Everest, encountering a wide variety of Nepalese culture along the way. ›

Social Courage Prize Honors African Lawyer

The 2014 Ivan Allen Prize honored Beatrice Mtetwa, an African lawyer who has devoted herself to human rights, social justice, and gender equality for more than 20 years. ›

Students Host International Football Clinic

In 2013, the Student Government Association began an annual event with Georgia Tech Athletics in which Tech's own student-athletes teach international students to play American football. ›

Scheller Hosts Global Social Venture Competition

This event brings together university teams from around the country to compete for prizes for their business ideas that will make a positive real-world impact. Four Tech teams made it to the semifinals this year.

Civil Engineers Spend Spring Break among Alpacas

Each year, a group of undergraduate civil engineering students travels abroad to apply their research and help communities. The 2015 group tackled air and water quality in Bolivia. ›

Tech Leaders Participate in Summit of the Americas

In April 2015, Tech helped organize the first Forum of University Presidents, which convened around 400 university leaders and high-ranking officials from 35 countries, including U.S. Secretary of State John Kerry.

Soldiers Add OMSCS Stripes

The groundbreaking Online Master of Science in Computer Science is breaking down education barriers to let students from around the world earn a Tech degree, even while on active duty.

GOAL 3

Maker Culture Meets Startup Incubators

Each year, more students are pursuing startups while still taking classes, and new campus spaces and programs are supporting both their academic and entrepreneurial goals. ›

Students, Faculty, Staff Hatch Ideas at VentureLab

This arm of Tech's Enterprise Innovation Institute (EI²) lets members of the Tech community commercialize the ideas that come from their research.

From InVenture Prize to National Maker Faire

While still a student, InVenture Prize winner Jasmine Burton launched Wish for Wash, a startup that could provide access to improved sanitation for billions of people around the world.

Telling the West Side's Story

The neighborhoods surrounding Tech's campus have struggled for decades with drugs, crime, and poverty. In 2011, Tech formed the Westside Communities Alliance to help.

Computing Meets Social Good

In 2014, Tech started its Data Science for Social Good internship program, where students help local organizations use advanced computational power and new analytic methods to improve their work.

Texas Instruments Supports New Maker Space

The new Interdisciplinary Design Commons, now in the design phase, will provide an additional space on campus for students to explore project-based learning and leadership.

CREATE-X Builds Entrepreneurial Confidence

Supported by alumnus Chris Klaus, CREATE-X, launched in 2015, is a collective of programs designed to give students the tools they need to establish startups.

Undergraduate Education Plan Focuses on Sustainable Communities

Tech's new Serve-Learn-Sustain initiative, launched in 2015, gives students the opportunity to make service contributions as part of their academic work and based on their expertise. ›

❯ PRESIDENT BARACK OBAMA

❯ FOUR-LEGGED LANDSCAPERS

❯ CLASS OF 2015

THE FUTURE

When we brought the Georgia Tech community together in 2009 to develop the Strategic Plan, we chose a 25-year timeframe to encourage innovative, long-term thinking. Today, we are making noteworthy progress toward each of the plan's five principal goals through intentional and proactive steps. I applaud our faculty, staff, and students who have worked together to bring the plan to life.

As we move forward, we will continue to focus on student innovation and maximizing student leadership opportunities, and take advantage of technological advances to reach learners throughout the world. Our vision of creating a work-learn-play environment in Tech Square is becoming a reality. Georgia Tech is having a significant impact in the state's entrepreneurial ecosystem, and we are committed to building on what we are already doing to help take it to the next level.

In 2010, we invited Joe Bankoff, then president and CEO of the Woodruff Arts Center and now chair of the Sam Nunn School of International Affairs, to speak about the new Strategic Plan. He gave the unique perspective of looking back from 2035. His closing comments included the following:

"Looking back now — it all seems clear and obvious. But it was much less so back in 2010. It took vision, courage, commitment, and collaboration to move Georgia Tech to the position it occupies today. Now in 2035, the physical university sits in the center of the innovation enterprises that it spawned in research, education, policy as well as technology. The university is also a critical asset in the global creative network. Georgia Tech continues to support an eminent and energized faculty, an amazing body of important research, and innovation fueled by an extraordinary body of students . . ."

With the help and support of our entire community, we are designing the future in ways we only imagined five years ago, and the impact is far reaching.

— President G.P. "Bud" Peterson