• Last year 173 Georgia Tech student-athletes — nearly half the student-athletes on campus — were named to the ACC Honor Roll for maintaining a 3.0 or better GPA.

• Georgia Tech student-athletes recorded a department-wide school-record Graduation Success Rate of 81 percent in 2014.
Dean Jacqueline Royster named to:

- Board of Directors, World Affairs Council of Atlanta
- Alliance Française d’Atlanta Global Ambassador
- Atlanta Housing Authority Choice Neighborhoods Implementation Advisory Board
Last spring, 40 teams of more than 150 Georgia Tech students submitted CIC projects in the categories of Intelligent & Automated Home, Connected Vehicle, and Smart & Sustainable Communities.
FRESHMAN ACADEMIC PROFILE

- African-American: 7%
- Hispanic: 8%
- Other/Unknown: 7%
- Two or More: 4%
- Asian: 25%
- Caucasian: 49%
Alenka Zajic (ECE) and Milos Prvulovic (CS) examine where information “leaks” originate, even when mobile devices aren’t connected to the Internet. They can then help hardware and software designers develop ways to plug them.
Magnus Egerstedt (ECE) built a system allowing people to control a fleet of robots by swiping a finger on a tablet. This system could be used in manufacturing, agriculture, and disaster areas.
Hua Wang (ECE) developed a cellular sensor that could positively impact semiconductors used in future health care applications, such as home-based diagnostics and drug-testing systems.
Artificial nanofiber pathways to lead cancer cells away from inoperable brain tumors.

“Tumor Monorail” technology being developed at Georgia Tech funnels cancer cells to their demise.

Cancer becomes easier to treat, more curable.
COS — CENTER FOR CHEMICAL EVOLUTION

Georgia Tech’s Center for Chemical Evolution has won renewal from the NSF and NASA for its cutting-edge research on the chemistry that underpins life’s origin on Earth. Professor Nicholas Hud leads the team, which will be supported by a $20 million award for the next five years.
The Coulter Translational Research Partnership Program provides $1.5 million in seed funding annually to accelerate promising technologies developed in research laboratories with the goal of improving patients’ lives.

As a result, nine Georgia Tech and Emory collaborative teams are accelerating their research.
CoE faculty members Deepak Divan (ECE), Vigor Yang (AE), and Ajit P. Yoganathan (BME) were elected to the National Academy of Engineering (NAE), the highest professional distinction accorded to an engineer.
Researchers in Georgia Tech’s Wearable Computing Center are studying how farmers and crop consultants can use drones and wearable technology to improve the production of specialty crops such as pecans.
FRESHMAN ACADEMIC PROFILE

women 40% / men 60%
ENID STEINBART, ADVISOR

- Winner of 2015 NACADA Outstanding Advising Certificate of Merit (Faculty Academic Advising category).

- Presented to individuals who have demonstrated qualities associated with outstanding academic advising of students.

- Will receive certificate October 2015 during NACADA Annual Conference in Las Vegas.
FRESHMAN ACADEMIC PROFILE

APPLICATIONS
27,270

ADMIT RATE
32%

2015 FRESHMAN ACADEMIC PROFILE*

SAT 2060 – 2250
V 680 – 770
M 690 – 790
W 650 – 730

ACT 30 – 33

AP/IB/DE 7 – 12

GPA “A” AVG.
*mid-50% ranges
Bartholdi’s NextBuzz Receives Innovation Award

Georgia Tech’s NextBuzz system, developed by ISyE Professor John Bartholdi and team in conjunction with Georgia Tech’s Parking and Transportation Services office, received the Georgia Transit Association’s prestigious Innovation Award for its innovative ideas and problem-solving techniques in its transit system.
(Pictured) Esther Ezra, Jennifer Hom, Galyna Livshyts, Shahaf Nitzan, and Yao Yao were appointed as tenure-track professors. Seven women were appointed as postdoctoral fellows: Christina Frederick, Maryam Yashtini, Megan Bernstein, Heather Smith, Irina Holmes, Chunmei Wang, and Manuela Manetta.
Georgia Tech’s Interactive Media Technology Center is developing and testing a prototype of an augmented-reality mobile application.

Its purpose: Get kids excited about STEM education by using fun, interactive, and compelling experiences.
ACADEMIC SUCCESS

- For the first time, Georgia Tech student-athletes have posted three straight terms with at least a 3.0 mean GPA (Spring 2014, Fall 2014, Spring 2015).
- Cincinnati Bengals DE Michael Johnson and Brooklyn Nets guard Jarrett Jack returned to Tech and graduated in 2015 as part of GTAA’s Degree Completion Program.
ATHLETICS IN THE COMMUNITY

• More than 40 student-athletes took part in service trips to the Dominican Republic in December 2014 and May 2015.

• The athletic association surpassed its Institute-wide campaign goal of $250 million with a total of $282 million raised.
CREATING THE CITIES OF THE FUTURE

How can we make tomorrow’s cities better?

A $12 million NSF project led by Georgia Tech, University of Minnesota, and Columbia University

Driving factors:

- Environmental sustainability
- Healthy for citizens
- “Vibe” of a great place to live
Several dozen high school students from Georgia and beyond got a chance to “get their aerospace engineering on” during GT-AE summer camps such as TEAM, STEP, and the Zero Robotics Challenge. Lithia Springs High junior Brandon Ringfield holds 3-D printer he made at GT-AE this summer. We hope to see him at Tech some day!
PETER J. WEBSTER — SCHOOL OF EARTH & ATMOSPHERIC SCIENCES

- 2015 Sir Gilbert Walker Gold Medal — Indian Meteorological Society, lifetime achievement award for work on Asian Monsoon, Flood Prediction, and Tropical Dynamics

- 2015 International Award — American Geophysical Union, for using science to benefit society in developing nations
NANOCAGE TECHNOLOGY COULD BENEFIT FUEL CELLS

New fabrication technique that produces platinum hollow nanocages with ultrathin walls could dramatically reduce the amount of the costly metal needed to provide catalytic activity in such applications as fuel cells.
AE Professor Marcus Holzinger and his student researchers secured $110,000 in Phase B funding from the Air Force Office of Scientific Research to design and build RECONSO, a satellite that will put an optical payload in low earth orbit to detect and track new and existing space objects.
An AE team took home a top honor in the 2015 NASA-NIA RASC-AL competition with its design for a colony on Mars.
Southern Company Charitable Foundation and Georgia Power Foundation have announced a $5 million gift to establish the Dean’s Chair in the College of Engineering at Georgia Tech.
Georgia Tech Professional Education approved 18 new massive open online courses (MOOCs) to be developed for Coursera this year. There are currently 20 unique courses running with a combined enrollment of 1,108,644 as of July 2015.
FRESHMAN ACADEMIC PROFILE

countries 64
states 49
GA counties 86
high schools 1,400+
Sandia National Laboratories and Georgia Tech have signed a five-year memorandum of understanding, establishing a strategic collaboration that seeks to solve science and technology problems of national importance.
ATHLETICS IN THE COMMUNITY

Georgia Tech game-day recycling program diverted more than 25 tons of materials from landfills during the 2014 football season, ranking at the top of the ACC with its diversion rate. In seven years of the program, more than 137 tons of materials have been diverted from landfills.
Georgia Tech and NUS launched the new Center for Next Generation Logistics in July. The virtual center will work closely with government agencies and the industry to perform cutting-edge research in logistics and supply chain systems for translation into innovations and commercialization.
GLOBAL ENGINEERING LEADERSHIP MINOR

/ Open to all engineering majors. / Many classes include a study abroad component. / Starts this fall.

CE.GATECH.EDU/LEADERSHIP
Professors Heather Creran, Jelena Vukasinovic, and Michelle LaPlaca are creating a tool for researchers to facilitate drugs’ development fast, easily, and at a low cost.
In addition to being tapped to serve as the editor-in-chief of the *Journal of Spacecraft and Rockets*, AE Professor Bobby Braun was chosen this year to serve on NASA’s review board for Mars 2020. The American Aeronautical Society also chose him to receive its first Space Technology Award.
CREATING THE NEXT
APS SCHOLARS PROGRAM

70% increase in APS freshman applicants

enrolled more APS valedictorians and salutatorians than any other university
HYATT DISTINGUISHED ALUMNI LECTURE SERIES

NATO Supreme Allied Commander Gen. Philip Breedlove, CE 1977, will deliver the School of Civil and Environmental Engineering’s Hyatt lecture in October.

Details as they’re announced at ce.gatech.edu/hyatt
WILBURN APPOINTED TO STATE WORKFORCE BOARD

DR. JAMES WILBURN, GEORGIA TECH PROFESSIONAL EDUCATION MILITARY PROGRAMS DIRECTOR

- Appointed to State Workforce Development Board by Gov. Nathan Deal after developing GTPE Veterans Education Training and Transition (VET²)
- Working with corporate partners, VET² celebrates a 100 percent success rate placing soldiers into employment since its inception in 2013.
TRANSFER ACADEMIC PROFILE

APPLICATIONS: 2,797

ENROLLED: 800 (APPROXIMATE)

ADMIT RATE: 33%

AVERAGES:
- OVERALL GPA: 3.6
- MATH & SCIENCE GPA: 3.6
- CREDIT HOURS EARNED: 67
DHX Electric Machines Inc. is a Georgia Tech startup, developing and manufacturing next-generation ultrahigh torque density electric machines.
Replantable is a Georgia Tech student startup, developing next-generation food and nutrition technology.
Since 2014, the Georgia Tech Police Department has held a series of comprehensive Active Shooter training sessions for officers in other USG schools, first on the Georgia Tech campus and then on other campuses. Attendees had 16 hours of classroom and practical experience in the best practices of keeping the campus safe while apprehending an active shooter during an attack.
Highest number of African-American students enrolling as freshmen since GT converted to semester system.
BBISS DIRECTOR JOHN CRITTENDEN AWARDED CLARKE PRIZE FOR EXCELLENCE IN WATER RESEARCH

• Presented by the National Water Research Institute (NWRI)

• Consisting of a medallion and $50,000 award

• Selected for outstanding contributions to treating chemical contaminants and leadership in addressing water demand for transportation, energy production, and domestic use in a sustainable manner

SUSTAINABLE.GATECH.EDU
$5 MILLION GRANT WILL HELP VIP PROGRAM GROW AT GEORGIA TECH AND AROUND THE U.S.

Georgia Tech’s Vertically Integrated Projects (VIP) Program has been awarded a $5 million grant from the Leona M. and Harry B. Helmsley Charitable Trust to drive systemic reform of STEM education. The VIP Program unites large teams of undergraduates with graduate students and faculty to work together on long-term research projects.
FOUR ISYE FACULTY RECEIVE NATIONAL SCIENCE FOUNDATION CAREER AWARDS

ISyE Assistant Professors Turgay Ayer, David Goldberg, and Enlu Zhou, and Coca-Cola Assistant Professor Sebastian Pokutta all received the prestigious National Science Foundation CAREER Award for their innovative research at the frontiers of science and technology.
Five ISyE students, led by Assistant Professor David Goldberg, are working closely with crime analysts from the Atlanta Police Department and the Georgia Tech Police Department to enhance usage of crime statistics. Preliminary analysis showed decline in criminal activity in recent years; in the next phase students will attempt to predict criminal activity by combining crime statistics with big data.
Westside Communities Alliance (WCA)

Received the Chancellor’s Gold Service Award
ECE’s Russ Dupuis is one of five honorees. He invented the process that is the basis of virtually all production of high-brightness LEDs.

The Draper Prize for Engineering, which annually recognizes engineers whose accomplishments have significantly benefited society, is considered the Nobel Prize of engineering.
• Football captured ACC Coastal title and won the 2014 Orange Bowl while posting its highest GPA ever.

• Golf won the ACC title and finished ninth in the nation. Ollie Schniederjans was named All-American and finished 12th in the 2015 British Open.
Professor Mostafa El-Sayed, Chemistry and Biochemistry, recognized for pioneering research by the American Chemical Society’s highest honor — the Priestley Medal.
The AE team took home first place for its documentation of “Buzz Killington,” a three-pound balsa wood UAV designed and built for the 2015 AIAA Design Build Fly competition. The airplane beat out 81 other teams to take home third place for its flight performance.
A collaboration between AE Professors Mark Costello and Massimo Ruzzene (and their students) developed new “flexible legs” for helicopter landing gear that make it easier and safer to land on rugged terrain or pitching surfaces. The potential applications for this DARPA-funded project are many, including medical transport, aircraft carrier landings, and war-zone rescues.
CONGRATS TO THE BBISS FELLOWS

Strategic advisors direct sustainability research at Georgia Tech.

Fellows foster the culture and community of sustainability researchers, educators, and students.

Baabak Ashuri
Atalay Atasu
Kevin Caravati

Kim Cobb
Bistra Dilkina
Ellen Dunham-Jones

Tom Fuller
Ashok Goel
Randy Guensler

Daniel Matisoff
Juan Moreno-Cruz
Marc Weissburg

SUSTAINABLE.GATECH.EDU
POKUTTA & TEAM WIN SEED GRANT CHALLENGE

Sebastian Pokutta (right), Coca-Cola Assistant Professor in ISyE, and team won a seed grant challenge to develop and field-test, in rural Ethiopia, a portable technology for predicting obstructed labor complications. The 17 award nominees were selected from more than 750 submissions. Initial funding for Pokutta’s project was in the form of a seed grant from the George Family Foundation.
Senior Brandon Lasater ran a 3:59.24 mile this spring, the first sub-four-minute outdoor mile in Tech history and first native Georgian to break four minutes.

Men’s swimming has eight swimmers who have qualified to compete in next year’s Olympic Trials.
Researchers at GTRI and Honeywell International successfully demonstrated a new device allowing more electrodes to be placed on a chip. This is an important step toward a quantum computer that can simulate molecules or perform other algorithms of interest.
Andrew Gerber began working as the new director of GTRI in August. He comes to Georgia Tech from MIT Lincoln Laboratory, where he served as associate head of the Air and Missile Defense Technology Division, which is responsible for programs in air and ballistic missile defense.
Fostering a new generation of globally focused engineers.

So far ...

93 civil and environmental engineering students

6 continents

60+ countries

Students return saying things such as: “life-changing,” “best experience of my life,” and “broadened my perspective.”
INSTITUTE DIVERSITY TEAM ACHIEVEMENTS

Institute Diversity VP Archie Ervin elected president of the National Association of Diversity Officers in Higher Education.

Institute Diversity AVP Julie Ancis elected a fellow of the American Psychological Association in Division 35: Society for the Psychology of Women.

Cheryl Cofield, director of Inclusion and Engagement in Institute Diversity, recognized to “Women Worth Watching” by Profiles in Diversity Journal.

OMED Assistant Director, Outreach Initiatives Andre Dickens honored with a National Role Models Award by Minority Access Inc.
The School of Electrical and Computer Engineering has received a $3.2 million gift from Texas Instruments (TI) to support construction of the Texas Instruments Plaza and Maker Space.

The TI Maker Space will offer a dedicated, project-based lab area for undergraduate courses.
**CAPTURING METASTASIS-ASSOCIATED TUMOR CELLS**

Fatih Sarioglu (ECE) helped design the cluster-chip, which captures groups of tumor cells in the bloodstream. Studying these clusters may aid in understanding their role in cancer metastasis and helping doctors tailor treatments for patients.
NATIONAL MANUFACTURING DAY

The Georgia Manufacturing Extension Partnership will be working with manufacturing plants across Georgia to host plant tours on Oct. 2, National Manufacturing Day.
Modern Languages Assistant Professor Yasha Klots was awarded a Humboldt Fellowship.
GEORGIA TECH HONORED FOR SECURITY EFFORTS

The Defense Security Service honored Georgia Tech and GTRI for Excellence in Counter-intelligence. Georgia Tech is one of only two universities to receive the award since its inception in 2011.
The Georgia Engineering Alliance awarded GTRI the 2015 Georgia Engineering Employer of the Year Award in the Public Sector category.
Under the direction of Professor Dave Spencer, AE students served as “mission control” for the initial deployment of LightSail-A, a solar-powered sail developed by the Planetary Society to power future deep-space travel. Their May 2015 launch prepared them for the September 2016 launch of Prox-1, the first GT-built space vehicle to be deployed in space.
The Georgia Manufacturing Extension Partnership has launched seven “Faces of Manufacturing” and plans to launch five more throughout the remainder of the year. The featured Faces represent people who work within or are affected by manufacturing throughout the state of Georgia.
A major gift from alumnus Chris Klaus helped launch CREATE-X, a collective of programs designed to boost students' entrepreneurial confidence and give them the tools they need to establish startups. Open to all undergraduates across campus, CREATE-X is based on three simple principles: Learn, Make, Launch.
ONLINE, PART-TIME, NONTRADITIONAL STUDENTS MAKE UP 41 PERCENT OF TECH POPULATION

This year, in addition to 23,059 students in residence at Georgia Tech, another 16,479* non-traditional learners earned a credential thanks to Georgia Tech Professional Education. Professional, online, and part-time students now represent 41 percent of Georgia Tech’s total student population.

*3,837 of these individuals are credit bearing, part-time, and/or online students supported by GTPE that appear in GT total enrollment as well.
CoE Dean **Gary May** received a Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring.

The award is given by the White House to recognize the role mentoring plays in the academic and personal development of students studying science and engineering — particularly underrepresented groups.
Intel and Georgia Tech announced a partnership to produce a more diverse, qualified workforce for the technology industry. Intel is investing $5 million in Tech over five years to build a pipeline of underrepresented engineers and computer scientists. The effort is expected to benefit about 1,000 students through mentoring, scholarships, and professional development workshops.
Public Policy Professor Roberta Berry is named to head the Georgia Tech Honors Program.
SEVENTH ANNUAL DIVERSITY SYMPOSIUM

Please save the date

Seventh Annual Diversity Symposium

Wednesday, Sept. 9, 2015

Awards Luncheon Keynote Speaker

Marc Morial, President and CEO National Urban League

Learn more at diversity.gatech.edu/seventh-annual-diversity-symposium
AFRICAN-AMERICAN MALE INITIATIVE

• University System of Georgia Board of Regents Initiative.
• African-American Male Initiative (AAMI) formally began at Georgia Tech in 2011.
• AAMI students are now performing above a 3.0 GPA.
Admiral James “Sandy” Winnefeld joined the Sam Nunn School of International Affairs as Distinguished Professor.
The School of City and Regional Planning teaches students to think globally while solving challenges at a community level.

Our students won the APA Outstanding Student Project Award for tracking the effects of sea-level rise on Georgia coastal communities.
The Georgia Manufacturing Extension Partnership is working with statewide partners to host a supplier-development conference in Savannah in September for the aerospace industry. The conference will link OEMs and small to midsized aerospace suppliers to grow their business and network of resources.
The College of Engineering announced the creation of Georgia Tech’s Grand Challenges Scholars Program (GCSP), which will give self-directed students the chance to participate in a dynamic community of students and faculty in addressing the challenges. The program begins in Fall 2015.
LANDSCAPING DEPARTMENT EARN NATIONAL ACCREDITATION

Recognized by Professional Grounds Management Society, earning three out of four stars.

• Grounds management
• Staff development
• Maintenance plans
The School of Music combines artificial intelligence and robotics with art.

The results influence research communities and music-loving audiences, from *The Today Show* to the Kennedy Center.
The Chapin Building, with renovations to be completed in December 2015, will serve as the new home of the Center for Student Diversity and Inclusion. The Center will initially house:

- Office of Minority Educational Development
- Office of Hispanic Initiatives
- Center for the Study of Women, Science, and Technology
- Office of Outreach Initiatives – Proposed Unit
ATDC LAUNCHES NEW TIER: REFINES AND REBRANDS SERVICE OFFERINGS

To better serve the startup technology community, ATDC rebranded its service-level offerings and created a new service tier. The levels now are ATDC Educate, ATDC Accelerate, and ATDC Signature.
LAFAYETTE INSTITUTE:
A GLOBAL TECHNOLOGY RESOURCE CENTER
New functional reporting relationships established across traditional operational boundaries.

New Finance Councils enhance two-way communication between central and distributed finance personnel.

- Academic/Research
- Administrative
- Affiliate
The School of Industrial Design continues to prove that collaboration is key when it comes to future products such as wearable technology. Our students design wearable wonders that enhance the way we live.
Professors Daniel Matisoff and Juan Moreno-Cruz were appointed fellows in the Brook Byers Institute for Sustainable Systems.
ATDC SERVES ENTREPRENEURS IN FIVE GEORGIA CITIES

ATDC’s mission to help entrepreneurs launch and build great technology companies in Georgia led to the establishment of new partnerships to serve startup communities in Athens and Augusta, thanks to a federal i6 Challenge Grant from the U.S. Department of Commerce. Operations also expanded in coastal Georgia with ATDC@ in Savannah, which joined existing Atlanta and Alpharetta efforts.
More than $250,000 in scholarship funding was awarded this past academic year, mostly from gifts made to the Georgia Tech Foundation.

More than 150 students received study abroad scholarships.
Focus – **Preservation** and **Access**

- Climate-controlled to preserve print book and archival collections for 200+ years.
- Technology-rich environment suitable for on-demand scanning and e-delivery to campus.
- Modular concept, which includes a large reading room.
More than 300 College of Architecture students have positively impacted tens of thousands of Georgians through 18 years of collaborative “Blueprints” studios.

We are the Georgia Conservancy’s 2015 Distinguished Conservationist.
MSE’S Z.L. WANG WINS WORLD TECHNOLOGY AWARD FOR MATERIALS

Z.L. Wang won the prestigious 2014 World Technology Award for Materials. The World Technology Awards are presented in 20 categories for “innovative work of the greatest likely long-term significance” to humanity.
COMPLETION OF ENGINEERED BIOSYSTEMS BUILDING AND ECO-COMMONS PHASE I

High Performance Landscape and Building

- Two complementary cisterns
- Recreated wetlands to filter run-off
- Intelligent light harvesting and controls
Georgia Tech's Parents Program hosted its first-ever Sibs Day in February 2015 for children ages 7-17. More than 300 Georgia Tech students, siblings, and family members from 13 states attended Sibs Day. Participants enjoyed learning more about Georgia Tech and college life, had fun at various events, and, most importantly, created special memories with their Georgia Tech student.
Georgia Tech students attended the 50th anniversary celebration of the Civil Rights Act of 1964 in Washington, D.C., with the Office of Student Diversity Programs.

Photo: Angela Belfort with Freedom Rider Charles Person
EDUCATING TOMORROW’S GLOBAL LEADERS

Undergraduate, Master’s, and Ph.D. programs

Georgia Tech-Lorraine collaborates with French companies and partner schools.

Students stay on track for their degree while gaining a global perspective at Georgia Tech’s European campus in Metz, France.
Office of Information Technology updated and enhanced the campus technology infrastructure.

- Wireless
- Cable
- Networking (software, hardware, and services)

Increasing connectivity to 100 gigabits per second, becoming one of the first universities in the Southeast to increase speed using the SoX network.
ALTERNATIVE SPRING BREAKS: MAKING SUSTAINABLE, SYSTEMIC CHANGE

Alternative Service Breaks (ASB) is a chartered student organization that hosts meaningful community-service immersion trips during Institute breaks. Students are exploring social issues, becoming immersed in communities, and working with community-based organizations to learn about making sustainable, systemic change.

Photo: ASB Trip to Guatemala
The High Performance Computing Center will break ground next year.

This newest element of our innovation ecosystem will foster collaboration and interdisciplinary research between Georgia Tech and industry partners.
What brings you joy? The Georgia Tech Joy Campaign was created by the Office of the Arts to highlight the things, on campus and off, that give our students, staff, and faculty joy. By stopping and taking a minute to remember what brings us joy, we can start focusing on what makes us happy and brings us together as a community.
ADVANCED TECHNOLOGY DEVELOPMENT CENTER LAUNCHES FINTECH INITIATIVE

Worldpay’s $1 million gift to Georgia Tech fully funds a new Financial Technology accelerator at ATDC for the next three years. The accelerator includes hiring a FinTech expert to serve as an entrepreneur-in-residence to mentor startups.
Professor Michael L. Best in the Sam Nunn School of International Affairs is appointed director of United Nations University Institute on Computing and Society.
Student mental health remains of foremost concern for colleges and universities nationwide, including Georgia Tech. This year, a new peer-counseling initiative took shape on campus to let students help one another as they face mental health issues. The idea of peer counseling is focused on students helping students, providing an additional option outside professional counseling resources.
5 REASONS TO STUDY AT GEORGIA TECH-LORRAINE

1. Continue the momentum toward your degree while studying in France
2. Classes taught in English by Georgia Tech faculty
3. Undergraduate and graduate programs
4. Most scholarships and financial aid apply
5. Gain a global perspective and competitive advantage
PROTECTING THE CAMPUS

Office of Information Technology implemented new security and access features including:

- Initiating a pilot project for two-factor authentication of Web applications
- Updating hardware and services with a new border intrusion prevention system
- Enhancing identity management self-service capability via Passport

More than 350 million probes and attacks thwarted every day!
HENRIK CHRISTENSEN EXAMINES SENSOR TECHNOLOGY

“We’re starting to use vision and laser ranging to allow us to build mobile platforms that we can use on the factory floor,” notes Christensen. “The mapping technology is now getting good enough that we no longer need to necessarily bolt the robot to the floor. We can actually have them move around.”
The Office of the Arts scheduled pop-up arts events throughout the year all over campus, infusing art into the daily life of the campus environment. Events included outdoor tap dancers performing on a Saturday game day during tailgating.
SIXTH ANNUAL DIVERSITY ROUNDTABLE

• Secured a more expansive audience in the Ferst Center for the Arts

• Highlighted how lived experiences are important aspects of diversity

• Featured luncheon theme: “Death by 1,000 Cuts: The Impact of Giants ... and Very Small Stings”
The Counseling Center and the Division of Student Affairs joined the national campaign to Change Direction, designed to raise awareness and provide education about mental health issues. Students, faculty and staff learned the five signs of emotional distress and participated via social media.
INTERNATIONAL STUDENTS

• 4,416 F-1 and J-1 international students in 2014-15

• Top Countries of Origin
  • China
  • India
  • South Korea
  • Taiwan
  • France
STUDENT VETERANS RECEIVE GRADUATION STOLES
Helena Mitchell, executive director of the Center for Advanced Communications Policy
Named Regents’ Researcher
Appointed to FCC Disability Advisory Committee
The robotic vehicle was deployed at the end of last year by a team of Georgia Tech scientists and engineers through about 65 feet of ice and 1,640 feet of water to the seafloor in Antarctica.

“We saw evidence of a complex community on the seafloor that has never been observed before,” Britney Schmidt said in a new report about the expedition.
Joseph Bankoff, chair of the Sam Nunn School of International Affairs

Named Chair of Midtown Alliance

Inducted into Morehouse Collegium of Scholars
ARKIN UNRAVELS THE ETHICS OF KILLER ROBOTS

A push to regulate or ban development of robotic weapons is mounting.

Regents’ Professor Ron Arkin says, “It does seem odd to me that people who fear that we can make machines ultimately exceed human intelligence balk at the fact that we can make them possibly more moral than we are, given the relative low bar humans have in adhering to ethical behavior.”
TECH PARTICIPATES IN FIRST AMAZON PICKING CHALLENGE

Ph.D. student Eric Huang, together with three undergraduate students, competed in the first-ever Amazon Picking Challenge using Crichton the robot to pick objects off warehouse shelves.

The event was held in Seattle in May in conjunction with ICRA 2015.
Ayanna Howard has been named as one of the 23 most powerful women engineers in the world by Business Insider. This annual feature recognizes women who are inventing or working with technology or who are leaders at their companies.
Integrated learning and technology infrastructure for evolving future needs:

• Provide space for students and faculty to study, research, collaborate, and learn.

• Remove brick walls and replace with windows for daylight and views.

• Reduce energy use by 60 percent.
INTERNATIONAL EXPERIENCES CONTINUING TO GROW

• 53 percent of undergraduate students studied or interned abroad by the time they graduated (2014-15).

• This is a 5 percent increase from last academic year.
Carol Colatrella, professor and associate dean, named Georgia Tech Diversity Champion.
PARTICIPANTS ABROAD: TOP DESTINATIONS

• Students studied and interned abroad in more than 60 countries during 2014-15.

• Top Destinations:
  • France
  • China
  • Ireland
  • England
  • Spain

• Top employers: BMW Group, NTT Japan, Airbus, General Electric, Siemens
BAKER ELECTED SECRETARY GENERAL OF IACEE

NELSON BAKER, DEAN OF PROFESSIONAL EDUCATION AT GEORGIA TECH

- Elected Sect. General, Int’l Association for Continuing Engineering Education.
- Will represent IACEE in global activities, promote advancement of Continuing Engineering Education (CEE) and inclusion of CEE in the definition of global dialogue around engineering education.