# WHAT'S
# NEXT

**THE YEAR IN REVIEW**
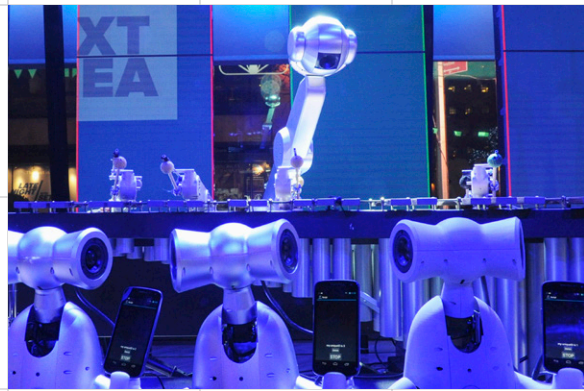**2015 - 2016**

**Georgia Tech**

**Archie W. Ervin,** vice president of Institute Diversity, is elected president of the National Association of Diversity Officers in Higher Education (NADOHE). As the preeminent voice for diversity officers in higher education, NADOHE's vision is to lead colleges and universities toward inclusive excellence through institutional transformation.

**Georgia Tech's Living History Program celebrates its 1,000th interview with none other than the Institute's most famous student, George P. Burdell. Marilyn Somers has directed the Living History Program since its inception in 1994.**



**Zvi Galil** is appointed to a second five-year term as dean and John P. Imlay Chair of the College of Computing. Galil was commended for his creative and forward-thinking leadership in launching the Online Master of Science in Computer Science program as well as his strong commitment to undergraduate education and excellence in research.

A team of robots and researchers from Georgia Tech's **Center for Music Technology** plays a concert at the historic Kennedy Center in Washington, D.C. The performance is part of the Smithsonian Institution and Kennedy Center's 25/40 celebration commemorating the 25th anniversary of the Americans with Disabilities Act and the 40th year of VSA, the international organization on arts and disability.



The Center for Community Health and Well-being hires Katy Berteau and Jennifer Gagen as Georgia Tech's first full-time **sexual assault victim-survivor advocates** in the Office of Health Promotion. The two are tasked with providing ongoing support, crisis counseling, and advocacy services to students who have experienced sexual violence and unwanted sexual advances.

**Julie Ancis,** associate vice president of Institute Diversity, is elected a Fellow of the American Psychological Association in Division 35: Society for the Psychology of Women. Ancis was previously a professor in the Department of Counseling and Psychological Services at Georgia State University.

Twelve faculty members are selected for the inaugural class of Fellows with the **Brook Byers Institute for Sustainable Systems.** The new group will serve as advisors to the Byers Institute and work to foster a culture and community of sustainability researchers, educators, and students at Georgia Tech.

JULY

The **incoming freshman class of 2015** sets new records in diversity and academic prestige. The group is 41 percent female — the first class ever to top 40 percent. The class also has 35 percent more African-American students than the previous year.

**Aby Parsons — director of the Lesbian, Gay, Bisexual, Transgender, Queer, Questioning, Intersex, Asexual, and Ally (LGBTQIA) Resource Center — implements a new curriculum for the Institute's longstanding Safe Space training program.**

**John M. Stein,** dean of students and interim vice president for Student Affairs, is appointed vice president of the newly named Division of Student Life. Stein, who remains dean of students, came to Tech in 2002 as director of Success Programs and in 2006 became dean of students and assistant vice president of Student Affairs. He was promoted to associate vice president in 2013.

Jerry Qi and Ting Zhu, both associate professors in the Woodruff School of Mechanical Engineering, are named Fellows of the **American Society of Mechanical Engineers.**

**Georgia Tech Professional Education** wins six awards from the University Professional and Continuing Education Association: Silver winner in the categories of Strategic Recruitment Marketing Plan, Streaming/On-Demand Content, Miscellaneous Interactive Media, Single Ad, and General Catalog or Tabloid; and Bronze winner in the Annual/Anniversary Report/Magazine category.

Georgia Tech announces the appointments of three **Georgia Research Alliance (GRA) Eminent Scholars:** Deepak Divan (John E. Pippin Chair Professor, Electrical and Computer Engineering), Stanislav Emelianov (Joseph M. Pettit Chair in Microelectronics, Electrical and Computer Engineering), and Ravi Kane (Garry Betty/V Foundation Chair, Chemical and Biomolecular Engineering). These appointments bring the Institute's total of GRA Eminent Scholars to 22.
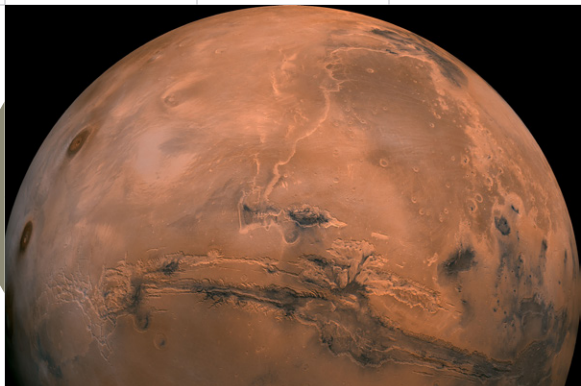
**Andrew Gerber** begins serving as director of the Georgia Tech Research Institute (GTRI) and senior vice president of Georgia Tech. Gerber comes to GTRI from MIT's Lincoln Laboratory, where he served as associate head of the Air and Missile Defense Technology Division responsible for programs in air and ballistic missile defense.

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Georgia Tech joins more than 80 other public and private colleges and universities to form the **Coalition for Access, Affordability, and Success.** The new group is committed to making college more affordable and accessible for students from diverse backgrounds and to help students earn degrees.

The Institute dedicates the **Engineered Biosystems Building** (EBB), a facility that consolidates Georgia Tech's biomedical research efforts in the prevention, diagnosis, and treatment of cancer, diabetes, heart disease, infections, and other life-threatening conditions. The building, located on 10th Street, provides nearly 219,000 square feet of multidisciplinary research space and enhances the Institute's partnerships with Children's Healthcare of Atlanta and Emory University Hospital.

**David Hu,** an assistant professor in the Woodruff School of Mechanical Engineering, is awarded the Ig Nobel Prize for his research on the hydrodynamics of mammal urination. The award is given by Improbable Research, which celebrates research that "makes people laugh and then think."
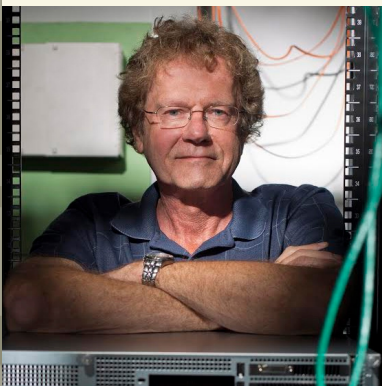
**A new study led by Georgia Tech scientists provides the strongest evidence yet that there is intermittent flowing liquid water on modern Mars. Doctoral students Lujendra Ojha and Mary Beth Wilhelm co-authored the paper presenting evidence of the presence of water on Mars.**



Georgia Tech is among a dozen institutions that are part of the $20 million **Center for Sustainable Nanotechnology,** which is awarded an additional five years of funding from the National Science Foundation to expand its existing operations. Georgia Tech's contributions to the Center are in the areas of theoretical computational chemistry and assessment of the Center's overall impact.



Regents Professor **Karsten Schwan**, a prolific researcher and faculty leader in the School of Computer Science, dies on Sept. 28 following a battle with cancer. Schwan, who had taught in the College of Computing since 1988, was co-director of the Center for Experimental Research in Computer Systems and of the Interactive High-Performance Computation Laboratory.

Georgia Tech receives the 2015 **Higher Education Excellence in Diversity Award** from *INSIGHT Into Diversity.* For the second consecutive year, the Institute is recognized for its comprehensive approach to diversity and its efforts to make the campus accessible to all groups of underrepresented students, faculty, staff, and administration.

SEPT

**Georgia Tech beats out more than 30 other employers to win the 2015 Atlanta Bike Challenge. The competition was hosted by Love to Ride, a nonprofit that works with local communities to advocate cycling.**
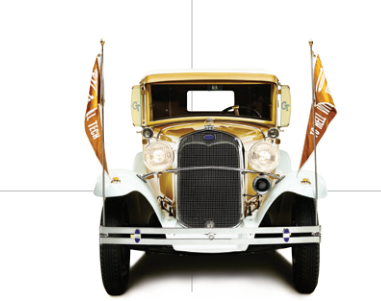
**Morehouse College** and Georgia Tech co-host the Platform Summit, an event that explores ways to diversify the innovation economy and connect underrepresented entrepreneurs and futurists.

**Samuel Ledbetter** — Georgia Tech's oldest living graduate at age 103 — takes his first-ever ride in the Ramblin' Wreck. During the ride, Ledbetter pulls up right beside Tech Tower for a visit with President G.P. "Bud" Peterson, who helps complete the guest of honor's wardrobe with a Georgia Tech pin.

**An iconic sculpture of Albert Einstein** by renowned American sculptor Robert Berks is dedicated at its new home near Tech Green. The dedication is a watershed moment for the arts, and their convergence with science and human rights, at Georgia Tech. At the foot of the sculpture is engraved in granite a star chart depicting the Atlanta night sky on December 10, 1948 — the date of the signing of the United Nations' Universal Declaration of Human Rights.

Global technology company Siemens names Georgia Tech a **Center of Knowledge Interchange** (CKI) partner. As a CKI partner, the Institute joins a global group of eight elite research universities, including the University of California, Berkeley. The CKI designation expands a longtime research relationship between Georgia Tech and Siemens focused on developing the next generation of scientists and engineers.

**Thomas Russell,** director of the Army Research Laboratory (ARL), visits with Georgia Tech leadership and faculty in an effort to boost interest in the lab's Open Campus initiative. A collaboration among defense laboratories, industry, and academia, the framework aims for ARL's scientists and engineers to work side-by-side with visiting scientists in ARL's facilities, as well as serve as visiting researchers in collaborative institutions.

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The **Professional Grounds Management Society** presents Georgia Tech with an Honor Award in the Society's 2015 Green Star Awards competition. The award is given in the University and College Grounds category for exceptional grounds maintenance.

Georgia Tech receives the 2015 **Georgia Urban Forest Council's (GUFC) prestigious President's Award** for its comprehensive urban campus tree inventory and management practices. The GUFC is a nonprofit organization dedicated to sustaining Georgia's green legacy by helping communities grow healthy trees.



**Jeffrey Hales,** associate professor of accounting, is appointed to the Financial Accounting Standards Advisory Council by the Board of Trustees of the Financial Accounting Foundation.

NOV

**Mark Hay,** Teasley Professor in the School of Biological Sciences, receives the Lowell Thomas Award from the New York-based Explorers Club, which cited his pioneering of innovative and effective new approaches for coral reef conservation. Hay has dedicated his career to understanding what is killing the world's coral reefs.

The LGBTQIA Resource Center, Student Center, and Student Diversity Programs host **Transgender @ Tech** — the first workshop of its kind — to explore what it's like to be transgender at Georgia Tech. During the workshop, attendees recognize Transgender Day of Remembrance and learn appropriate language specific to the transgender community.

**Kim Harrington** is named associate vice president of Human Resources. Harrington had previously served as director of the Georgia Tech Student Center since 2012. Under Harrington's leadership, Human Resources has instituted and streamlined the process for campus reorganizations and has placed a renewed emphasis on providing quality customer service.

**Professor Godfried Augenbroe** in the College of Design's School of Architecture earns a Lifetime Achievement Award from the International Building Performance Simulation Association. Augenbroe has a 35-year track record of teaching and research in the modeling and simulation of buildings at various scales.

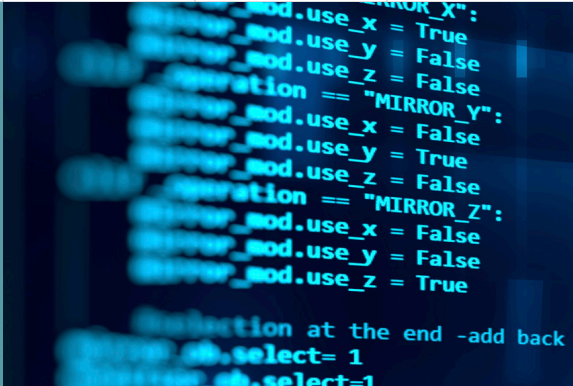KIM HARRINGTON

DECEMBER 2015

Georgia Tech becomes the second university in the nation to be certified as an affiliate of **Bee Campus USA,** a program designed to marshal the strengths of educational campuses for the benefit of pollinators. As a Bee Campus USA-certified school, Georgia Tech will serve as an invaluable resource for other institutions and individuals seeking to protect vital pollinators.

**Peng Qiu,** an assistant professor in the Coulter Department of Biomedical Engineering, receives a National Science Foundation CAREER award. The awards — among the most prestigious a junior faculty member can receive — go to newer faculty members who exemplify the role of teacher-scholars through research, education, and the blending of the two fields.

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**Questions submitted by Georgia Tech students Josh Jacob and Ashley Tofil — both international affairs majors — are selected for inclusion in a Republican Presidential Debate broadcast on CNN.**

Less than two years after its launch, Georgia Tech's first-of-its-kind **Online Master of Science in Computer Science** program produces its first graduates. The program — a collaboration among Georgia Tech, Udacity, and AT&T — is the first program from a top-ranked, accredited university to combine the instructional style of massive open online courses with a deeply discounted price (about $7,000 for most students).

**ASHLEY TOFIL
ATLANTA, GEORGIA**
REPUBLICAN PRESIDENTIAL DEBATE                    #GO

**JOSH JACOB
ATLANTA, GEORGIA**

**Suzy Harrington** begins serving as the first director of the Georgia Tech Center for Community Health and Well-being. Harrington's responsibilities include overseeing the Campus Recreation Center, Stamps Health Services, and Health Promotion.

SUZY HARRINGTON

The **Dorothy M. Crosland Tower,** also known as Library East, closes on December 31 for a two-year period. Extensive renovations will transform the facility by adding electrical infrastructure, renewing building systems, and creating inspiring new spaces to support learning in the heart of campus.

DEC

**Seven young people with ties to Georgia Tech appear on *Forbes* magazine's 2016 list of the brightest minds in America under the age of 30. The list includes Josh Allen, Allen Chang, Alec Manfre, Candace Mitchell, Lujendra Ojha, Paris Rouzati, and Emily Woods.**

**Craig Womack,** assistant dean and director of Undergraduate Programs in the Scheller College of Business, is named GT1000 Outstanding Instructor of the Year for 2015.

The Institute of Paper Chemistry Foundation and the Georgia Tech Foundation announce a $1 million grant to establish the **Institute of Paper Chemistry Legacy Endowment Fund.** The fund is established in recognition of the Institute of Paper Chemistry's educational and leadership legacy and will be maintained as an endowment fund for support of Georgia Tech's Renewable Bioproducts Institute (RBI).

**U.S. Treasury Secretary Jack Lew** visits Georgia Tech to discuss the national economy and meet with technology entrepreneurs at the Advanced Technology Development Center. Lew, who was joined by Atlanta Mayor Kasim Reed, also touts the Treasury Department's myRA (my Retirement Account) program, a key initiative designed for individuals who want to save for retirement but don't have access to traditional, employer-sponsored retirement accounts.

**Ryan Gravel,** the Tech alumnus whose master's thesis inspired the Atlanta BeltLine, is chosen by Atlanta Mayor Kasim Reed to head up the Atlanta City Design Project, which is aimed at envisioning what the city will look like in decades to come, as well as guide future decisions on the city's growth and development.

JAN

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**During Georgia Tech's Black History Month lecture, Benjamin Crump, partner of Parks & Crump Law Firm, delivers a keynote speech on "The Criminal Justice System, #BlackLivesMatter, and College Student Activism Today." Crump is known for his involvement in cases with civil rights implications.**

**Nancy Parrish,** a humanitarian activist who advocates for a military culture free of sexual assault and violence, receives the 2016 Ivan Allen Jr. Prize for Social Courage. In 2011, Parrish founded Protect Our Defenders, which works to transform the culture of harassment and rape within the military through legal reform, advocacy, education, and free legal and case assistance for victims.

The Andrew W. Mellon Foundation awards Georgia Tech a $1 million grant for a new learning center that will serve as an innovation engine driving digital humanities education and scholarship. The **Digital Interdisciplinary Liberal Arts Center,** located in the Ivan Allen College of Liberal Arts, equips undergraduates with the technologically advanced tools and methodologies they need to participate in team-based research projects, civic engagement projects, and other learning opportunities under the guidance of faculty and graduate student mentors.
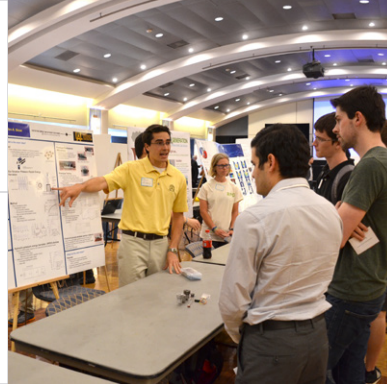
**Georgia Tech's green cleaning program** is certified by Green Seal for its leadership in sustainable cleaning. Green Seal is a nationally recognized organization that provides stringent standards and certification to protect human health and the environment. Georgia Tech is one of only six higher education campuses in the nation to earn the Green Seal Standard for Cleaning Services (GS-42) certification.

**Tony Zivalich** joins the Institute Planning and Resource Management team as executive director of Real Estate Development. Zivalich comes to Tech from Cushman and Wakefield, where he had recently worked with Georgia Tech on the planned high-performance computing center project.

TONY ZIVALICH

FEB

Georgia Tech is awarded a Level II Accreditation by the **ArbNet Arboretum Accreditation Program** and the **Morton Arboretum** for achieving particular standards of professional practices deemed important for arboreta and botanic gardens. In addition, Georgia Tech is now recognized as an accredited arboretum in the Morton Register of Arboreta, a database of the world's arboreta and gardens dedicated to woody plants.



Georgia Tech's annual **Energy Expo** helps attendees learn more about the latest technology, policy, and business topics related to energy. Keynote speakers are Anya Cherneff, co-founder and executive director of Empower Generation, and Jeff Roberts, program leader for Sustainable Energy Systems and deputy program director for Energy at Lawrence Livermore National Laboratory.
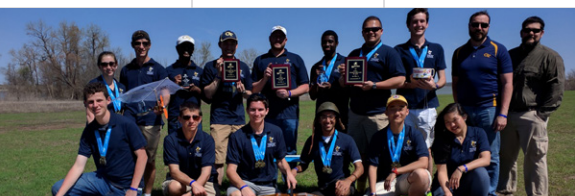


In *U.S. News & World Report's* **annual ranking of graduate programs,** Georgia Tech's College of Engineering ranks No. 7 (No. 3 among public universities), while all 11 of the graduate engineering programs are ranked in the top 10.

Glenn Lurie, president and CEO of AT&T Mobility and Consumer Operations, gives a presentation focused on creating competitive advantage through business analytics at Scheller College's **Business Analytics Forum**. The event also included sessions focused on business intelligence solutions and advanced analytics and modeling.

The inaugural **National MBE Manufacturers Summit** is held on the Tech campus. Hosted by the U.S. Department of Commerce Minority Business Development Agency (MBDA) and its MBDA Business Center Network, the summit explores the rapid change and technological innovation the manufacturing sector is undergoing.



**A team of Aerospace Systems Design Lab students wins the overall first place award in both the Advanced and Micro classes at the Society of Automotive Engineers 2016 Aero Design East Competition.**

MAR

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**The Georgia Tech Counseling Center announces the inauguration of its Peer Coaching Program. The program was developed to provide Tech students with another way to seek and receive support for academic, social, or other personal concerns commonly faced by college students.**



In recognition of being Georgia Tech's **20,000th student to study abroad,** mechanical engineering major Kyle Lucas receives free airfare to study at Yonsei University in Seoul, South Korea. Airfare costs are covered by Tech's Office of International Education.



NASHLIE SEPHUS

TERRI ROBL

**Terri Robl,** director of economic policy and summit coordination in the U.S. State Department's Bureau of Western Hemisphere Affairs, visits campus to study the ways that Georgia Tech works with entrepreneurs. Robl explores the Enterprise Innovation Institute as well as the Advanced Technology Development Center.

Regents Professor **Ajeet Rohatgi** is named a Fellow of the National Academy of Inventors. A School of Electrical and Computer Engineering faculty member since 1985, Rohatgi has led the University Center of Excellence for Photovoltaics Research and Education since 1992.

APRIL

Regents Professor **Robin Thomas** in the School of Mathematics receives the Class of 1934 Distinguished Professor Award, Georgia Tech's highest honor bestowed on a faculty member. Thomas is director of Tech's Algorithms, Combinatorics, and Optimization program, an interdisciplinary Ph.D. program linking the College of Computing, the School of Mathematics, and the Stewart School of Industrial and Systems Engineering.

**Bonnie Ferri** receives the 2016 Regents Scholarship of Teaching & Learning Award from the University System of Georgia Board of Regents. Associate chair for undergraduate affairs in the School of Electrical and Computer Engineering, Ferri receives the award for her longstanding commitment to engineering education and innovative use of technology, her prolific publication record, and her influence on other faculty at Georgia Tech.

MAY 2016

**The College of Architecture officially becomes the College of Design. The new name is a more accurate reflection of the wide range of academic programs and work that occurs in the College's research centers and five schools.**

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U.S. Department of Energy **Secretary Ernest Moniz** visits Georgia Tech, delivering the keynote address for the second installment of the Quadrennial Energy Review. Moniz also tours the Southern Company's Energy Innovation Center, the Enterprise Innovation Institute, and the Carbon Neutral Energy Solutions Laboratory.

Georgia Tech receives the U.S. Department of Education **Green Ribbon Schools** recognition award. Recipients are awarded based on their commitment to and demonstration of innovative efforts to reduce utility costs and environmental impact, improve health and wellness, and ensure effective sustainability education.

MBA students **Trevor Clark, Maggie Lovatt,** and **Cory O'Brien** are selected for *Poets & Quants'* list of the 100 best and brightest MBAs from around the world. The global honor recognizes MBAs from the Class of 2016 who reflect the best of their schools in terms of academic prowess, extracurricular involvement, personal excellence, and innate potential.

The Committee on Real Estate and Facilities of the University System of Georgia Board of Regents approves the demolition of the building at 490 10th Street. The demolition is part of Tech's long-term **Eco-Commons** plan on North Campus and will eventually be the site of a new headquarters for the Georgia Tech Police Department.



Alumna **Wendi Sturgis,** chief customer officer at Yext, is named chair of the Georgia Tech Advisory Board (GTAB), a group of senior leaders who serve as a source of strategic vision for Tech's president and senior leadership.

A study commissioned by the Board of Regents of the University System of Georgia (USG) shows that Georgia Tech has a **$2.87 billion impact** on the state's economy. Georgia Tech's total impact was first among the 31 institutions that constituted the USG in 2015.

MAY

**The Scheller College of Business hosts the Women in Business: North America Summit, featuring Consul General Louise Blais from the Consulate General of Canada in Atlanta, representatives from Business Women in International Trade, the U.S. Small Business Administration, the U.S. Department of Commerce, and ProMexico.**

LOUISE
BLAIS

Lockheed Martin and Georgia Tech sign a contract on a real estate deal that includes four buildings and 52 acres on Lockheed Martin's south campus in Marietta. Co-located with five buildings occupied by the **Georgia Tech Research Institute** in Cobb County, the additional space for conducting and administering applied research will relieve crowding in Georgia Tech's rapidly expanding research enterprise.

**Gisele Bennett** is named associate vice president for Research Faculty Interaction, effective Aug. 1. Bennett previously served as director of the Electro-Optical Systems Laboratory at the Georgia Tech Research Institute (GTRI). She is tasked with spearheading increased engagements between GTRI and the colleges.

**Chris Downing** is named vice president and executive director of the Enterprise Innovation Institute (EI²). A 28-year Georgia Tech veteran, Downing had served as interim leader of EI² since Stephen Fleming's departure the previous fall.

Georgia Tech receives the 2016 Governor's Cup, awarded annually to the state institution with the highest average contribution per employee in the **State Charitable Contributions Program.** For the 2015-16 campaign, 1,135 individuals from the Tech community contributed or pledged a total of $351,604 to 390 charitable organizations.

**Jilda Garton,** vice president for research and general manager of the Georgia Tech Research Corporation, testifies before the U.S. House of Representatives Committee on Science, Space, and Technology Subcommittee on Research and Technology. Garton discussed how two federal programs — Small Business Innovation Research and Small Business Technology Transfer — support startup companies seeking to commercialize intellectual property that results from university research.

JILDA
GARTON

JUNE

# CREATING THE NEXT®

## Georgia Tech

**president.gatech.edu/ar2016**