

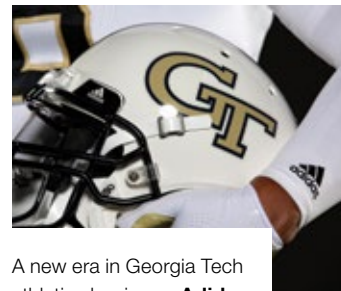
JULY 2018 - JUNE 2019

# THE YEAR IN REVIEW



**Maryam Saeedifard**, associate professor in the School of Electrical and Computer Engineering, receives the **2018 IEEE Industrial Electronics Society J. David Irwin Early Career Award**. The award recognizes a young researcher who has made significant contributions to the advancement of the industrial electronics field.

**Galina Livshyts**, assistant professor in the School of Mathematics, and School of Physics Assistant Professor **Martin Mourigal** receive Faculty Early Career Development (CAREER) awards from the National Science Foundation.



A new era in Georgia Tech athletics begins as **Adidas** becomes the official apparel provider for the Yellow Jackets.

JULY

2018

**Shan Arora** is appointed director of The Kendeda Building for Innovative Sustainable Design. Responsible for the building's program and operation, Arora's ultimate responsibility is to coordinate efforts to achieve the Living Building Challenge 3.1 certification.



**Andres Garcia** is named executive director of the Parker H. Petit Institute for Bioengineering and Bioscience. A Regents Professor who specializes in biomaterials, and cellular and tissue engineering, Garcia joined the Tech faculty in 1998.

Professor **Alexander Shapiro** in the H. Milton Stewart School of Industrial and Systems Engineering receives the **2018 George B. Dantzig Prize**. This award, given jointly every three years by the Mathematical Optimization Society and the Society for Industrial and Applied Mathematics, honors original research that has had a major impact on the field of mathematical optimization.

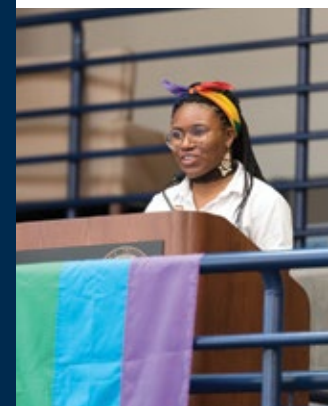


**Georgia Tech Facilities Management** receives the **Association of Physical Plant Administrators Award for Excellence**, considered one of the top industry honors in the higher education facilities industry. The award celebrates comprehensive achievements in efficiency, leadership, customer focus, and innovative practices.

Tech hosts its first **graduate student Convocation** on August 29. The inaugural celebratory welcome was introduced in response to campus feedback indicating that graduate students desire a greater sense of community at Tech.

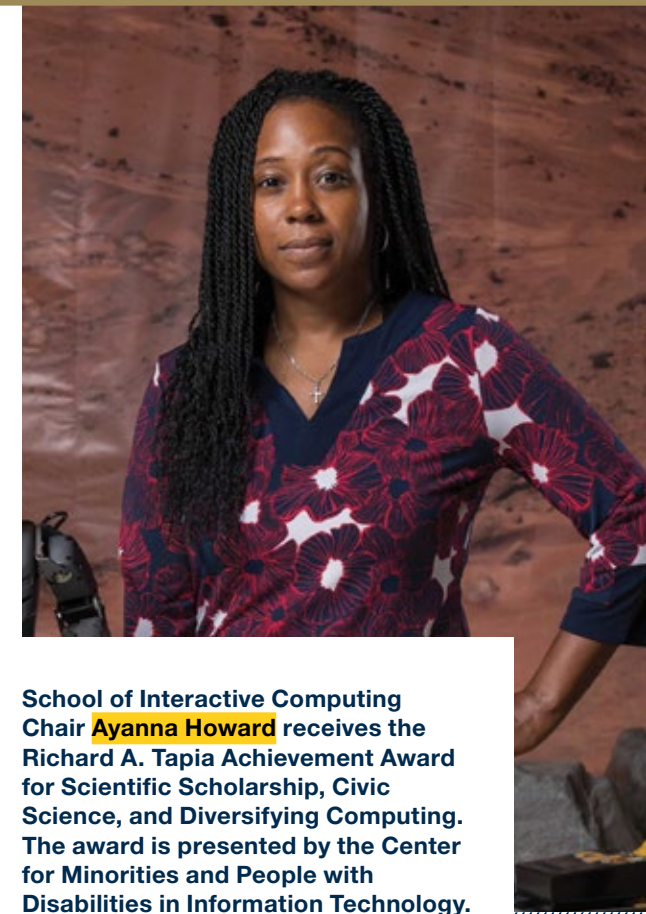
**Seth Marder**, Regents Professor in the School of Chemistry and Biochemistry and Georgia Power Chair in Energy Efficiency, **receives the Humboldt Research Award**, which recognizes a researcher whose fundamental discoveries, theories, or insights have had a significant impact on their own discipline and who is expected to continue producing cutting-edge work.

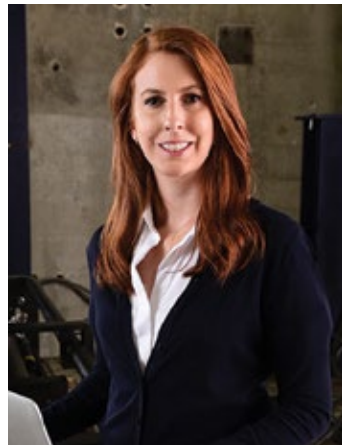
AUGUST



The **LGBTQIA Resource Center** opens its new facility in the Smithgall Student Services Building.

School of Interactive Computing Chair **Ayanna Howard** receives the **Richard A. Tapia Achievement Award for Scientific Scholarship, Civic Science, and Diversifying Computing**. The award is presented by the Center for Minorities and People with Disabilities in Information Technology.





**Lauren Stewart**, assistant professor in the School of Civil and Environmental Engineering, is named to the **National Academies of Sciences, Engineering, and Medicine's New Voices initiative**. The group will help identify activities designed to expand the diversity of expertise used in the convening and advisory functions of the National Academies.

SEPTEMBER

2018

**U.S. News & World Report** continues to rank Tech among the nation's top 10 public universities for undergraduate education. The annual ranking also lists all of Tech's undergraduate engineering programs among the nation's top five.

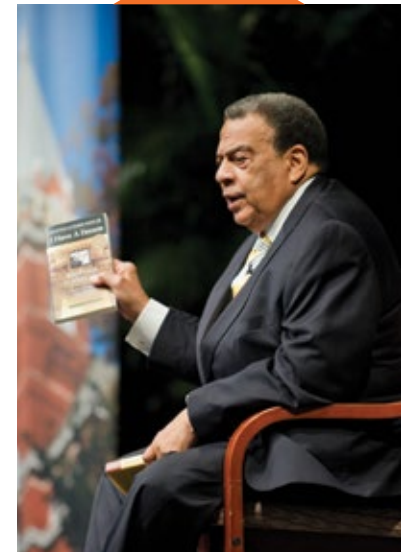
Georgia Tech alumna **Megan Ross** becomes the first woman to be appointed director of Chicago's Lincoln Park Zoo. Ross, who earned both master's and doctoral degrees in psychology from Tech, initially joined the Lincoln Park staff in 2000.



A massive oak near the Student Center, known on campus as "Big Al," spontaneously splits and has to be removed. Students from the Environmentalism and Ecocriticism class incorporate the life of the century-old tree into their classwork.

Civil rights icon **Andrew Young** receives the **Ivan Allen Jr. Prize for Social Courage**. A former Atlanta mayor and United Nations ambassador, Young was a key strategist and negotiator during the civil rights campaigns that led to the passage of the Civil Rights Act of 1964 and the Voting Rights Act of 1965.

**Tequila Harris**, associate professor in the George W. Woodruff School of Mechanical Engineering, receives the **L.E. Scriven Young Investigator Award**. The award is given for outstanding sustained achievements or one-time breakthroughs in the area of continuous liquid film coating science and technology.



**Omer T. Inan**, associate professor in the School of Electrical and Computer Engineering, receives the **2018 IEEE Sensors Council Young Professional Award**.

**James Ni and Hannah Todd** are crowned Mr. & Ms. Georgia Tech. Both undergraduates are from the Scheller College of Business, and Todd also served as the Ramblin' Wreck Driver for 2018. She's the fourth woman in Tech's history to hold that coveted position.

**Pinar Keskinocak**, the William W. George Chair and Professor in the Stewart School of Industrial and Systems Engineering, is chosen as president-elect of the Institute for Operations Research and the Management Sciences (INFORMS). She will assume the presidency of INFORMS in 2020.



The **Van Leer Interdisciplinary Design Commons** opens, offering students a hands-on learning environment to solve technology design challenges. Van Leer is the largest electronics-oriented student makerspace in the country.

**Professor Shyh-Chiang Shen** in the School of Electrical and Computer Engineering is elected to the class of 2019 OSA Fellows. Shen is recognized "for the development and advancement of compound semiconductor optoelectronic devices and integrated circuits."

OCTOBER

The **Ernest Scheller Jr. College of Business** is ranked **No. 2 nationally** and **No. 6 globally** in *Corporate Knights'* 2018 Better World MBA Ranking. Better World is known for evaluating accredited MBA programs' commitment to equipping graduates with the skills necessary to solve pressing business and social challenges in order to succeed in a rapidly evolving global business climate.



NOVEMBER

Scheller College of Business Professor **Jonathon Clark** and lecturer **Jacqueline Garner** are selected as two of *Poets & Quants for Undergrads'* 2018 **"Top 50 Undergraduate Business Professors."**

2018

Leading up to **Ethics Awareness Week** (November 12–16), the campus community is invited to hear from Institute leadership on fostering a campus culture of ethics and integrity in order to preserve public trust.



School of Chemical and Biomolecular Engineering Associate Professor **Julie Champion** and Professor **Dennis Hess**, who holds the **Thomas C. DeLoach Jr. Chair**, win the Association for Iron and Steel Technology's **2018 T.C. Graham Prize**, an international award meant to encourage development of new and innovative uses for steel.

Mary McDonald receives the **Service Excellence Award** from the North American Society for the Sociology of Sport. The Homer C. Rice Chair in Sports and Society in the School of History and Sociology, McDonald also leads the Sports, Society, and Technology program in the Ivan Allen College of Liberal Arts.



**Susan Embretson**, professor in the School of Psychology, receives the **2019 Career Award of the Psychometric Society**. Embretson is the first woman to win the prestigious prize, given for lifetime achievement to individuals whose publications, presentations, and professional activities over a career have had widespread positive impact on the field.



**Arash Yavari**, a professor in the School of Civil and Environmental Engineering, is elected a **Fellow of the Society of Engineering Science**.

**Arkadi Nemirovski**, John Hunter Chair and professor in the Stewart School of Industrial and Systems Engineering, is named a recipient of the **2019 Norbert Wiener Prize** by the American Mathematical Society and the Society for Industrial and Applied Mathematics.

The **Georgia Division of Family and Children Services** begins rolling out a new **panic button safety app** developed in partnership with the Georgia Tech Research Institute. The app provides a means for child welfare investigators and case managers to quickly summon law enforcement officers in cases where they feel such action is warranted.



**William Koros**, a professor in the School of Chemical and Biomolecular Engineering, is named a **Fellow of the National Academy of Inventors**. The honor recognizes academic inventors who have demonstrated a prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on quality of life, economic development, and the welfare of society.



DECEMBER

Construction begins on the new **Center for Assessment, Referral, and Education (CARE)**, a facility intended to significantly streamline the process for students who wish to access campus counseling and psychiatric services.



JANUARY

**Wendy Newstetter, Joseph Le Doux, and Paul Benkeser** — faculty members in the Wallace H. Coulter Department of Biomedical Engineering — are awarded the 2019 Bernard M. Gordon Prize for Innovation in Engineering and Technology. The trio received a \$500,000 award “for fusing problem-driven engineering education with learning-science principles to create a pioneering program that develops leaders in biomedical engineering.”



After a three-year closure, the **Georgia Tech Library** reopens in the refurbished **Crosland Tower**, completing the first phase of the **Library Next** project. The Tower features eight stories of archives as well as classroom, study, and studio space including spaces dedicated to data visualization, high-performance computing, multimedia studies, collaboration, and iterative design.



**Brad Fain**, principal research scientist at the Georgia Tech Research Institute and at the Center for Advanced Communications Policy (CACP), is appointed **executive director of CACP**. Housed in the School of Public Policy, CACP focuses on key issues that influence the development, implementation, and adoption of communications technologies.

After 10 years of service to the Institute, **President G.P. “Bud” Peterson** announces his plans to retire by Summer 2019. Peterson’s post-retirement plans include expanding his research activities and teaching as a faculty member in the **Woodruff School of Mechanical Engineering**.



**Georgia Tech** welcomes **Lt. Gov. Geoff Duncan** and other state legislative leaders to campus for a health summit focused on how technology drives innovation, leads to better patient outcomes, and reduces costs.

**Mae Jemison**, an engineer, physician, and NASA astronaut, serves as the **keynote speaker for Georgia Tech’s 2019 MLK Lecture**. Jemison made history in 1992 when she went into orbit aboard the Space Shuttle Endeavor, becoming the first African American woman to travel in space.

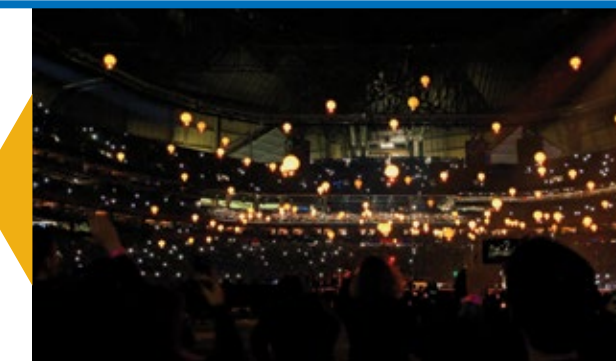


**Jacqueline J. Royster**, dean of the Ivan Allen College of Liberal Arts since 2010, announces she will step down as dean in **August 2019** and retire from Tech in 2020. Royster’s tenure was distinguished by growth in enrollment in the College and new degree program offerings as well as the creation of the Ivan Allen Jr. Prize for Social Courage. John L. Tone, professor in the School of History and Sociology and the College’s associate dean of undergraduate studies, is named interim dean, effective September 1, 2019.



**Four faculty members** are awarded research fellowships from the **Alfred P. Sloan Foundation**: Eva Dyer and Chethan Pandarinath, both from the Coulter Department of Biomedical Engineering; Matthew McDowell, Woodruff School of Mechanical Engineering; and Konstantin Tikhomirov, School of Mathematics.

Students from Tech’s School of Music participate in the **NFL’s Super Bowl halftime show** by helping organize and set up Intel drones. The drones, created to resemble floating lanterns, formed the words “ONE” and “LOVE.” As pop group Maroon 5 began the song *She Will Be Loved*, Intel’s computer directed the 150 drones to float up and over the Mercedes-Benz Stadium field.



A consortium of 12 universities and 10 national laboratories led by Georgia Tech is awarded **\$25 million from the U.S. Department of Energy’s National Nuclear Security Administration** to develop new technologies and educational programs to support the agency’s nuclear science, security, and nonproliferation goals. The effort will focus on three core disciplines: computer and engineering science research through machine learning and high-performance computing, advanced manufacturing, and nuclear detection technologies.

FEBRUARY



**Joseph Irwin**, president and CEO of the Georgia Tech Alumni Association since 1999, **retires from Georgia Tech**. Under Irwin's leadership, Tech's Roll Call fund has raised more than \$100 million in unrestricted gifts in support of the Institute.

## FEBRUARY

2019

Tech's student newspaper, **the Technique**, wins five awards for journalism excellence in the annual Georgia College Press Association Better Newspaper Contest. The awards include first place for best photograph and second place for best sports story.



**Tech faculty claim four spots in Engineering Georgia's List of the Top 100 Influential Women in Georgia.** The honorees are Ellen Dunham-Jones, School of Architecture; Lauren Stewart, School of Civil and Environmental Engineering; Christine Valle, Woodruff School of Mechanical Engineering; and Kari Edison Watkins, School of Civil and Environmental Engineering.



During the Alumni Association's third annual Giving Day, **1,539 donors give more than \$167,000 to Georgia Tech, a new record for the event.**

Georgia Tech hosts many of the leading minds in ocean science and technology during **Ocean-Visions2019: Climate**, a four-day summit that began laying the foundation for establishing a united community of researchers focused on preserving a global resource. Provost and Executive Vice President for Academic Affairs Rafael Bras was among the speakers at the event, which is the first public-facing forum for Ocean Visions, an initiative aimed at using advances in science and engineering to maintain healthy oceans.



Admission staff continue their tradition of **delivering some admission acceptances in person**. In 2019, this included a trip to Cairo, Georgia, where acceptance packets were delivered — along with donations for the area's recent tornado victims.

**The Glide**, a melodic instrument built around an accelerometer, **wins the 21st annual Margaret Guthman New Instrument Competition**. The event was launched in 1996 by the late Richard Guthman, a 1956 Tech alumnus, to honor his wife, Margaret.

## MARCH

**Adam Stulberg**, professor and Neal Family Chair in the Sam Nunn School of International Affairs, is named chair of the School, effective July 1, 2019.



**Georgia Power announces a collaboration with Georgia Tech** to build a new 1.4-megawatt microgrid in Tech Square at Spring and Fifth streets. Microgrids are self-contained power systems co-located with the facilities they serve that include generation resources, storage systems, and energy management systems.



The **Georgia Tech Swim Club** repeats as **national champions**. The women's team finished first overall by defeating the University of Virginia, while the men's team finished in second place behind host Ohio State University.

APRIL

2019

The Student Alumni Association announces that its **2019 Gift to Tech** will be awarded to the **Menstrual Product Program** being piloted by the Center for the Study of Women, Science, and Technology, and the Cultural Diversity and Affairs Committee of the Student Government Association. The project aims to provide sustainable, biodegradable, easily accessible, and free menstrual products for the campus community.



David McDowell, professor of mechanical engineering, receives the **Class of 1934 Distinguished Professor Award**, Georgia Tech's highest faculty honor. The Distinguished Professor is a featured speaker at one of the December Commencement ceremonies.



To provide a single pathway to access campus mental health resources, the Office of Health and Well-Being is expanded and transformed into **Health and Well-Being at Georgia Tech (HW@GT)**, a collective of departments from both Campus Services and Student Life including not only Campus Recreation, the Counseling Center, Health Initiatives, and Stamps Health Services, but also the newly established Center for Assessment, Referral, and Education (CARE).

Lisa Marks, assistant professor in the School of Industrial Design, and her Algorithmic Lace project win the **Grand Prix at the Lexus Design Award Event** at Design Week in Milan, Italy. Marks' inventive design is a post-mastectomy, custom-crafted bra designed to prevent common bra discomforts after surgery.



Registration opens for **Fall 2019 Mini-Mesters**, a pilot program offering courses worth 1 credit hour, meeting two or three times a week for five weeks. The goal of the new program is to bundle education into smaller units and offer a sample of a topic area.

More than 300 representatives of nonprofits, community organizations, K-12 educators, and university faculty members from around Atlanta and the nation gather at Tech for the **inaugural Atlanta Global Studies Symposium**. The event focuses on global education, advanced language learning, international studies, and the United Nations Sustainable Development Goals.





MAY

Georgia Tech announces **Aramark as its new on-campus dining services provider**, effective July 1. The partnership comes after a collaborative RFP process including input from students, faculty, and staff. Aramark serves hundreds of educational institutions, sports teams, and businesses around the world.

2019

The U.S. Navy announces that it will name a future Arleigh Burke-class guided-missile destroyer in honor of former U.S. Senator Sam Nunn, namesake of Georgia Tech's Sam Nunn School of International Affairs. **The USS Sam Nunn** will be capable of fighting air, surface, and subsurface battles simultaneously.



**The Georgia Tech Police Department cut the ribbon for its new state-of-the-art healthy building on July 11.**



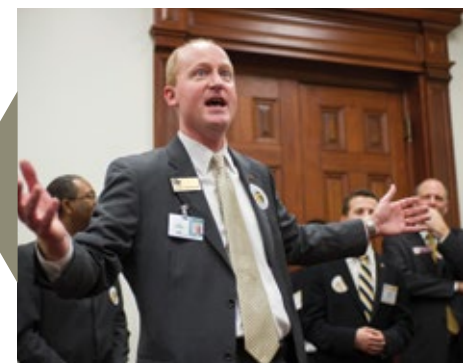
**Michael Toney is named director of Academic Administration**, effective July 1. In this role, Toney directs key programs and projects on behalf of the Office of the Provost, including dean and vice president-level searches and reviews, named faculty position data and processes, and development and management of Office of the Provost processes and policies.

The Institute announces **the appointment of two new vice presidents within the Office of the Executive Vice President for Research**. Raheem Beyah, Motorola Professor in the School of Electrical and Computer Engineering, is named vice president for Interdisciplinary Research. Robert Butera, associate dean for research and innovation in the College of Engineering, is appointed vice president for Research Operations.



**Chris Downing**, who led Georgia Tech's economic development efforts as vice president and director of the Enterprise Innovation Institute (EI<sup>2</sup>), retires after 31 years of service to the Institute. Leader of EI<sup>2</sup> since 2016, Downing leaves a decades-long legacy of leadership experience in technology-based economic development, university outreach and technical assistance, entrepreneurship and startup support, and program management.

**Dene Sheheane**, then vice president of Government and Community Relations at Georgia Tech, is **named president of the Georgia Tech Alumni Association**, effective July 1. A 1991 management graduate of Georgia Tech, Sheheane is also a 1993 MBA graduate of Georgia State University.



JUNE

The University System of Georgia Board of Regents **announces the appointment of four Georgia Tech faculty members as Regents Professors, and one as Regents Researcher**. The Regents Professors are Surya Kalidindi (School of Mechanical Engineering), Gerhard J. (John) Krige (Ivan Allen College of Liberal Arts), Elizabeth Mynatt (College of Computing), and Haesun Park, (College of Computing). The Regents Researcher is Margaret L. Loper (Georgia Tech Research Institute).



**The Board of Regents of the University System of Georgia votes to appoint Ángel Cabrera as the 12th president of Georgia Tech.** A doctoral and master's alumnus of Georgia Tech, Cabrera comes to the Institute after serving for seven years as president of George Mason University, a top-tier research institution and the largest public university in Virginia. His start date is announced as September 1.

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[president.gatech.edu/ar2019](http://president.gatech.edu/ar2019)



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