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CREATING THE NEXT®

Georgia Tech

School of Public Policy

Developing Policy Leaders for Our Technology-Driven World

The Georgia Institute of Technology School of Public Policy is highly ranked in Policy Analysis, Environmental Policy Management, and Information Technology Management. We invite you to explore our website at spp.gatech.edu.

Policy Analysis



Georgia Tech Partners with Universities, UN on Sustainable Development Goals

[Mary Frank Fox](#), ADVANCE Professor, School of Public Policy, was among the representatives from leading world universities, including Georgia Tech, who convened in September at Rutgers University - Newark to participate in the University Global Compact (UGC)'s "17-Rooms-U", hosted in partnership with the United Nations in pursuit of sustainable development goals. Georgia Tech President Ángel Cabrera is a founder of UGC. Professor Fox represented Georgia Tech for the sustainable development goal of gender equality." [Read more.](#)



Mary Frank Fox Featured in National Academies' Workshop on Women in Science

[Mary Frank Fox](#), ADVANCE Professor at the School of Public Policy, participated in the National Academies of Sciences' Workshop launching a new study on "Addressing the under representation of Women in Science, Engineering, and Medicine." [Read more.](#)



Study Finds Dramatic Growth in Numbers of "Supporting Scientists" on Research Teams

In a publication from the *Proceedings of the National Academy of Sciences*, [Professor John Walsh](#) and colleagues show a significant drop in median career length, and an increase in the share of researchers in the role of "supporting scientists", who perform essential roles in research and resulting academic publishing – but who never lead production of a journal paper themselves. The share of supporting scientists has grown to the point where they are now the majority among recent cohorts. "These supporting scientists are here to stay as a part of our scientific workforce, but we don't really have a career system that accounts for and recognizes the contributions they make" said Walsh, a professor in Georgia Tech's School of Public Policy and a co-author of the study. [Read more.](#)

Environmental Policy and Management



Georgia Tech Launched State's First Master's Program Focused Exclusively on Sustainability

Georgia Tech has launched the [Master of Sustainable Energy and Environmental Management \(MSEEM\)](#) — the only graduate degree in Georgia fully dedicated to sustainability issues. The highly technical, science-based, and interdisciplinary program — approved by the Board of Regents on Feb. 12, 2019 — will prepare students to deliver fact-based policy expertise through robust analytical techniques and a deep understanding of energy and environmental issues and sustainability practices. [Read more.](#)



Omar Asensio Works with City of Albany on Smart Communities Challenge

[Omar Isaac Asensio](#), assistant professor in the Georgia Tech School of Public Policy, received a new grant award from Environmental Systems Research Institute (ESRI) Inc. for his work on the “Albany Housing Data Analytics and Visualization Initiative for the City of Albany,” one of four projects for the Georgia Smart Communities Challenge. [Read more.](#)



Study Abroad: Sustainable Development and Climate Change in Italy, Summer 2019

For the second year, the Georgia Tech Study Abroad Program on Sustainable Development and Climate Change in Italy brought together a group of students to learn about climate change and sustainable development through a combination of in-class lectures, guest speakers, and instructional field trips throughout the European destination. [Read more.](#)

Information and Technology Management



Georgia Tech Creates Online Cybersecurity Master's Degree

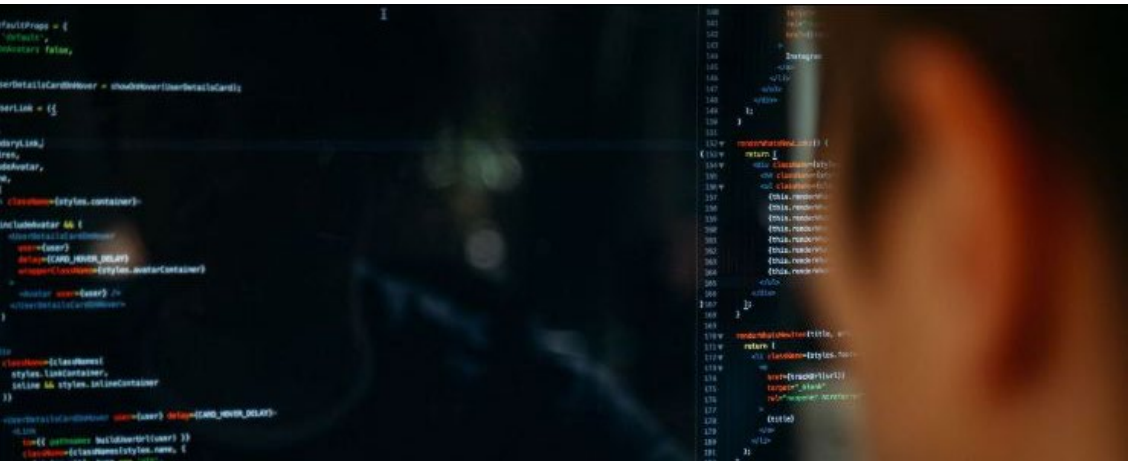
Georgia Tech, in collaboration with edX, has launched a new online cybersecurity master's degree for less than \$10,000. The Online Master of Science in Cybersecurity (OMS Cybersecurity) is designed to address a severe global workforce shortage in the field. According to the 2017 Global Information

Security Workforce Study, the shortage is expected to reach 1.8 million people by 2022. Georgia Tech is the only nationally ranked top 10 university to offer such a program at a tuition rate intended to increase higher education accessibility and affordability. The program is designed to serve working professionals who can study part-time and earn the degree within two to three years. It is richly technical and offers the same three interdisciplinary tracks available on campus, beginning with information security and followed by policy and energy systems. The program is a welcome addition to the School of Public Policy at Georgia Tech, which was [ranked #3](#) in the nation for "Best Undergraduate Management Information Systems Programs" by U.S. New & World Report 2020. [Read more.](#)



Cybersecurity and the Hybrid Workforce

In describing his vision for policy makers who combine technical and human skill, [Milton Mueller](#) says "we focus on the security aspects of the internet and information technology fields. The Policy Track in particular came about because we began to realize the degree to which this revolution caused by technology is not something that is a matter of pure coding or engineering. It's a matter of a social relationships, economic relationships, and of law and policy." [Read more.](#)



Cyber Deterrence and Cyber Attribution: A Georgia Tech/Aspen Institute Event

Georgia Tech's School of Public Policy teamed up with the Aspen Institute in Washington to organize an informative discussion of cyberattack deterrence

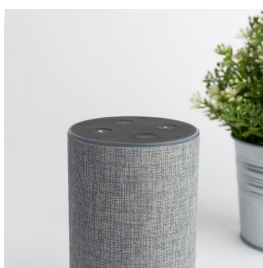
and attribution. The panel included [Milton Mueller](#), the director of the Internet Governance Project, and the current and former directors of the U.S. government's Cyber Threat Intelligence Integration Center, Erin Joe and Tanya Ugoretz, respectively. The discussion was ably moderated by John Carlin, a former assistant attorney general with the U.S. Justice Department's National Security Division, now a partner with the law firm Morrison Foerster in D.C. [Read more.](#)

Homeland Security and Emergency Management



CACP's Wireless RERC Develops iOS Accessibility App

The Rehabilitation Engineering Research Center for Wireless Inclusive Technologies' (Wireless RERC) App Factory project team is pleased to announce the release of the Tactile Graphics Helper (TGH) on the Apple App Store. TGH was developed as a project of the RERC by researchers at the Smith-Kettlewell Eye Research Institute. TGH is a free iOS app that makes tactile graphics more accessible to people with visual impairments. The basic idea of TGH is to track the user's pointing finger as they explore a tactile graphic, like a map or the periodic table, announcing text-to-speech information about the location they are pointing to. [Read more.](#)



Three-Part Video Tutorial Series on Amazon Echo Launched on Wireless RERC's YouTube Channel!

New vision-challenged owners of Amazon's series of Echo devices now have a step-by-step video guide they can reference to set up their Echos without sighted assistance. This new three-part series of videos was produced by the Wireless RERC's consumer outreach team. The videos provide a thorough

tutorial on the setup and overall operation of Amazon Echo.

While the videos are mainly geared toward users with vision disabilities, the videos also feature open captions and American Sign Language (ASL) interpretation to aid our viewers with hearing loss or who use ASL as their primary form of communication. These videos were produced in response to data received from focus groups conducted regarding smart home virtual intelligent assistants. Participants who are blind or have low-vision pointed out their need for sighted assistance in the initial setup of these smart home devices, like the Echo or Google Home. [Read more.](#)



CACP FCC Filing on Wireless Resiliency Cooperative Framework

CACP has a robust record of federal regulatory filings, using basic and applied research evidence to inform policy recommendations. The latest filing in the emergency communications space supported the Wireless Resiliency Cooperative Framework (Framework) as an effective tool for preparedness, response, recovery, and relief efforts, and also recommended including device manufacturers in discussions about how to optimize the battery life of these mobile devices, particularly leading up to and post-disaster. [Read more.](#)



CACP Instrumental in Addressing Accessibility Needs in the Development of FirstNet

FirstNet is a nationwide communications infrastructure tool that will be assisting first responders (fire, police, and EMS) in converting from land mobile radios to a nationwide connected LTE network.

First responders of the future will have technologies available that enable real-time information flow. Such technologies, if designed correctly, could be useful in enhancing safety and security for persons with disabilities. For example, FirstNet could be used to provide resources and tools needed to communicate with persons with disabilities, including those with cognitive impairments.

Real-time communication tools that could be deployed rapidly at the time of need would greatly enhance interactions where communication is difficult.

Finally, FirstNet might be used to provide hyper-local accessible emergency

alerts and two-way communications so that first responders can be directly connected to those being served. The CACP Executive Director, Brad Fain, has significant involvement as he is currently leading the project to build a virtual reality usability testbed for first responder technologies enabled by FirstNet for the National Institute for Standards and Technology (NIST).

Social Policy and Health

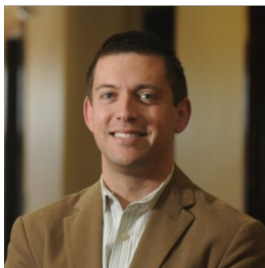


Georgia Tech Scholar Publishes Studies on Paid Family Leave's Impact on Maternal Mental Health, Children Exposed to Opioid Misuse at Home

A study conducted by Georgia Tech School of Public Policy Assistant Professor [Lindsey Bullinger](#) finds improvements in infant health and likely better maternal mental health as a result of paid family leave in California, which was implemented in 2004. [Read more.](#)

In another study in which Bullinger was involved, it was found that since 2002, children living with an adult with opioid use disorder increased by 30%. The number of children living with an adult who uses heroin increased by 200%. These results suggest there are likely current and future challenges facing hospitals, schools, and child welfare agencies regarding childhood indirect exposure to adult opioid abuse and dependency. "This study reveals the staggering extent of the opioid crisis on children in the United States, an epidemic that is likely to have costly long-term implications for child welfare agencies, schools, the healthcare sector, and most of all, on children," said [Bullinger](#), who co-authored the opioid study with Coady Wing of Indiana University. "It is crucial that policymakers and practitioners have this information to understand the extent of child exposure to opioid abuse at home." [Read more.](#)

Georgia Tech Expert Examines Medical Crowdfunding for Advanced Cancer Therapies



Personalized medicines that harness the power of our own immune cells to beat back advanced cancers offer great promise, but also raise concerns about how patients will pay for these costly therapies. A new paper from Georgia Tech Associate Professor [Aaron Levine](#) shows some patients are turning to crowdfunding to access these promising personalized therapies. [Read more.](#)



Robert Rosenberger Speaks at City of Atlanta Distracted Driving Event

In January 2019, [Robert Rosenberger](#), a philosopher and associate professor in the School of Public Policy, gave a short talk at Atlanta City Hall on the topic of driver distraction at the invitation of the Atlanta Mayor's Office of Workplace Safety. Based on research he's been doing for a decade, this event continued Rosenberger's public-focused work (including newspaper and radio interviews, and internet writing) on Georgia's ban on hand-held phone usage in cars, which he strongly supports, but also criticizes for not going far enough. [Read more.](#)

Faculties, Staff, Students, and Alumni

Faculty and Staff Honors

Kaye Husbands Feeling Inducted as



2019 NAPA Fellow

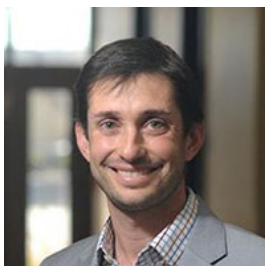
The National Academy of Public Administration (NAPA) recently inducted Georgia Tech's School of Public Policy Chair, [Kaye Husbands Fealing](#) to the 2019 Class of Academy Fellows. She was among 51 leaders in the field of public administration to be selected this year.

Husbands Fealing and the other 2019 fellows were inducted during NAPA's annual academy fall meeting, which took place from November 7 to 8 in Arlington, Virginia. "I am very pleased to welcome our 2019 class of fellows," said Academy President and CEO Terry Gerton. "Our fellows are nationally recognized for their expertise and contributions to the field of public administration, and this year's incoming class is no exception. They are an outstanding group that will enrich our fellowship, especially as we unveil the Grand Challenges in Public Administration and collaborate across the field to find solutions." [Read more.](#)



Alliance to Save Energy Honors Public Policy Professor Marilyn Brown

The Alliance to Save Energy (ASE) named Georgia Tech's School of Public Policy Regents and Brook Byers Professor of Sustainable Systems [Marilyn Brown](#) as a recipient of the 2019 Charles H. Percy Award for Public Service. The ASE presents this award to individuals for outstanding public service in energy efficiency. [Read more.](#)



Daniel Matisoff Honored for Hydrofracturing Teaching Case

[Daniel Matisoff](#) was awarded an honorable mention in the Maxwell School's E-

PARCC Simulation Competition. The hydrofracturing simulation “Hydrofracturing in New Frackillvania” has students role-play in a participatory hydrofracturing policy-making exercise to tackle a range of social, energy, and environmental policy dilemmas. [Read more.](#)



Diana Hicks Inducted as AAAS Fellow

School of Public Policy Professor [Diana Hicks](#) was inducted as a fellow at the 2019 [AAAS](#) annual meeting in Washington, D.C. Dr. Hicks was one of four Georgia Tech faculty members named a 2019 AAAS Fellow. She was recognized for “distinguished contributions to the evaluation of national and international research and development enterprises, and for outstanding leadership in science and technology policy education.” She joined six other AAAS fellow honorees from the School of Public Policy. [Read more.](#)



Aaron Levine Selected as AAAS Leshner Fellow and Elected to ASBH Board

School of Public Policy Associate Professor [Aaron Levine](#) was selected as an [American Association for the Advancement of Science \(AAAS\)](#) Alan I. Leshner Leadership Institute Public Engagement Fellow. He also began a three-year term as a member of the board of directors of the American Society for Bioethics and Humanities (ASBH) on October 25. ASBH is the primary academic organization in the U.S. for scholars and practitioners working in clinical ethics, research ethics, and the health humanities and aims to promote the exchange of ideas and foster scholarship in these fields.



Richard Barke awarded the “Dean George C. Griffin Faculty of the Year”

[Richard Barke](#), associate professor and director of undergraduate studies in the Georgia Tech School of Public Policy, has been named by the Georgia Tech Student Government Association (SGA) the “Dean George C. Griffin Faculty of the Year.” Barke was also named Faculty of the Year by the SGA in 2008.



Leslie Ross Selected for NACADA 2019 Class of Emerging Leaders

[Leslie Ross](#), academic program manager in Georgia Tech's School of Public Policy, has been named by NACADA, The Global Community for Academic Advising, as one of only 10 who have been internationally selected for its 2019 Class of Emerging Leaders. The Executive Leadership Program is a two-year program in which Leslie will gain skills, experiences, and knowledge needed to move into elected positions in the association and to be productive in research, publications, presentations, and other areas in NACADA. [Read more.](#)

Student Honors



Public Policy Undergraduate Students Win JUMP into STEM Competition

Taylor Strickland and Rachel Wexler, two undergraduate students in Georgia Tech's School of Public Policy, have been named winners of the "JUMP into STEM" national competition in Golden, Colorado for their projects on smart/connected communities and building energy performance.

The winners of the final round of the competition, which took place from April 12–14, received internship offers at the National Renewable Energy Laboratory and Oak Ridge National Laboratory (ORNL), respectively. ORNL and the U.S. Department of Energy sponsored the competition as well. The students represented two interdisciplinary teams of Georgia Tech undergraduates who competed in JUMP into STEM as a key component of School of Public Policy Assistant Professor [Omar Asensio's](#) Data Science and Public Policy course (PUBP 4803). Asensio's students were organized into two teams, both of which submitted research proposals for the Round 1 topic, entitled "Connecting the Right Data at the Right Time to Improve Residential Building Performance." Both teams submitted research designs with the aim of identifying and designing approaches to influence homeowner decisions to optimize their energy use. The student teams, their associated majors, and their proposal titles are listed in the full article. [Read more.](#)



Nature, Governance, and Sustainability in Costa Rica - An Interdisciplinary Experience

Georgia Tech students experienced both nature and policy in action in the study abroad program, "Nature, Governance and Sustainability in Costa Rica". The program took place from May 10 to June 1. It was co-taught by [Juan Rogers](#), professor of public policy and Michael Goodisman, associate professor of biology. [Read more.](#)



Tech Students Explore the World of Law

This year, several Tech students took the summer time to pursue their interest in law, working across the legal spectrum — from patent and intellectual property law, to the nonprofit sector, to working as paralegal assistant.

Mary Kat Kennedy, a rising fifth-year mechanical engineering major, and Zachary Shear, a rising fourth-year mechanical engineering major, both participated in the EDGE Internship with Michael Best & Friedrich LLP. Edouard Goguillon, a rising third-year international affairs major, has a longer history with law, having been interested in it since he joined his high school's mock trial team in ninth grade. He currently works as a paralegal assistant for Martenson, Hasbrouck & Simon LLP, where he also interned last summer. Shekinah Hall, a rising fifth-year public policy major, is spent her summer with The Leadership Conference on Civil and Human Rights in Washington, D.C. "Given my background in public policy and interest in constitutional and civil rights law, I wanted to explore the overlap between the two and work on policy initiatives that addressed civil rights issues," she said.

While Georgia Tech does not have a pre-law major, there are still several ways for those interested in the field to get involved. The School of Public Policy offers both a law, science, and technology minor and a pre-law certificate. There are also several preprofessional advising programs through the Center for Career Discovery and Development. [Read more.](#)



Georgia Tech's Mock Trial Team: One of the Nation's Best

Georgia Tech's mock trial team — housed in the Ivan Allen College of Liberal Arts — ranks among the nation's best. The team has appeared in the semifinal round of the national tournament two of the last three years, narrowly missing a trip to the 2017 championship round that was eventually won by Yale University. That resurgence, after a decade away from the top spots in the mock trial world, helps explain why a record 32 new students tried out for the team in 2018 — despite the fact that Georgia Tech does not offer a law degree or provide scholarships for mock trial students.

"We have kids who may be deciding between enrolling at Tech and Georgia or Tech and another school, and they are choosing us because of how good our team is and has been," said Will Warihay, an attorney and lecturer in the School of Public Policy, who is the president of the American Mock Trial Association, and one of the Georgia Tech team's two coaches. [Read more.](#)



Anne Hardin Awarded Stamps President's Scholarship

Anne Hardin, a third-year Public Policy and Business double-major was recently named a walk-on Stamps President's Scholar. The Stamps President's Scholars Program "seeks to recruit the most promising students from across the nation to foster their development as scholars, leaders, and citizens of the greater community through purposeful programming, mentoring, and enhanced educational opportunities." This scholarship includes a full-ride for

undergraduate studies, as well as other benefits such as access to the Stamps Scholars national network and enrichment funding. She's excited to travel to New Zealand and Australia with the Stamps President's Scholars program at the end of the spring semester as part of this year's Academic Search for Knowledge trip, which focuses on sustainability.

Alumni Honors



Fatimot Ladipo Appointed as New Director of Intergovernmental Affairs for the City of Atlanta

Former School of Public Policy alumna, Fatimot Ladipo, was appointed by Atlanta Mayor Keisha Lance Bottoms as the director of Intergovernmental Affairs. In Ladipo's role, she oversees the City of Atlanta's state and federal government affairs team along with the legislative team that represents the Mayor's administration before Atlanta City Council. She has also received the Georgia Tech School of Public Policy Alumni Award. [Read more.](#)



Leisha DeHart-Davis Receives IAC Award

[Leisha DeHart-Davis](#) is a professor of public administration and government at the School of Government at the University of North Carolina-Chapel Hill. She holds a Ph.D. from Georgia Tech's School of Public Policy. She received the 2019 Ivan Allen College Distinguished Alumni Award.



Budgeting Session for Students Led by Melody DeBussey

On October 2, Melody DeBussey, director of the Georgia State Senate Budget

Office came on campus to lead a skills building workshop for public policy students. The session focused on developing critical analysis and problem solving skills from a public policy perspective. It was an experiential learning opportunity that helped students establish a mental model of what policy-making requires. The Senate Budget and Evaluation Office provides the Senate with an independent capacity to evaluate the state of Georgia's annual budget. The office is committed to the production and development of accurate, thorough, and nonpartisan budget and policy analysis for the Georgia State Senate.

Georgia Tech School of Public Policy



The Georgia Tech School of Public Policy is a multidisciplinary school offering bachelor's, master's, and Ph.D. degrees. In addition to our cross-cutting focus on data analytics and sound research design, our policy areas include:

- [Science, Technology, and Innovation \(STI\) Policy](#)
- [Information and Technology Management/Cybersecurity Policy](#)
- [Environmental Policy and Management](#)
- [Ethics and Philosophy of Science and Technology](#)
- [Public Management and Leadership](#)
- [Urban and Regional Economic Development/Smart Cities](#)
- [Science and Engineering Organizations, Education, Careers, and Workforce](#)

I invite you to explore our website (spp.gatech.edu) to learn more about how we are creating leaders who drive solutions at the intersection of technology and public policy.

- *Kaye Husbands Fealing*
Professor and Chair

Affiliated Interdisciplinary Centers and Labs

[Center for Advanced Communications Policy \(CACP\)](#)

[Center for Ethics and Technology \(CET\)](#)

[Climate and Energy Policy Lab \(CEPL\)](#)

[Internet Governance Project \(IGP\)](#)

[Science, Technology and Innovation Policy \(STIP\)](#)

[Technology Policy and Assessment Center \(TPAC\)](#)

[The Center for the Study of Women, Science and Technology \(WST\)](#)

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