Georgia Tech | School of Public Policy
Ivan Allen College of Liberal Arts

Developing Policy Leaders for Our Technology-Driven World

Aaron Levine Named Co-Director of Workforce Development of New $19.6M NSF-funded Engineering Research Center for Cell Manufacturing Technologies

Public Policy's Dr. Aaron Levine was named Co-Director for Engineering Workforce Development at Georgia Tech's new $19.6 million NSF-funded Engineering Research Center for Cell Manufacturing Technologies (CMaT). Levine brings his expertise in ethical and policy issues related to biomedical innovation to collaborate with Georgia Tech researchers and other university and industry partners to implement innovative educational approaches to help strengthen the cell manufacturing workforce. Read more.

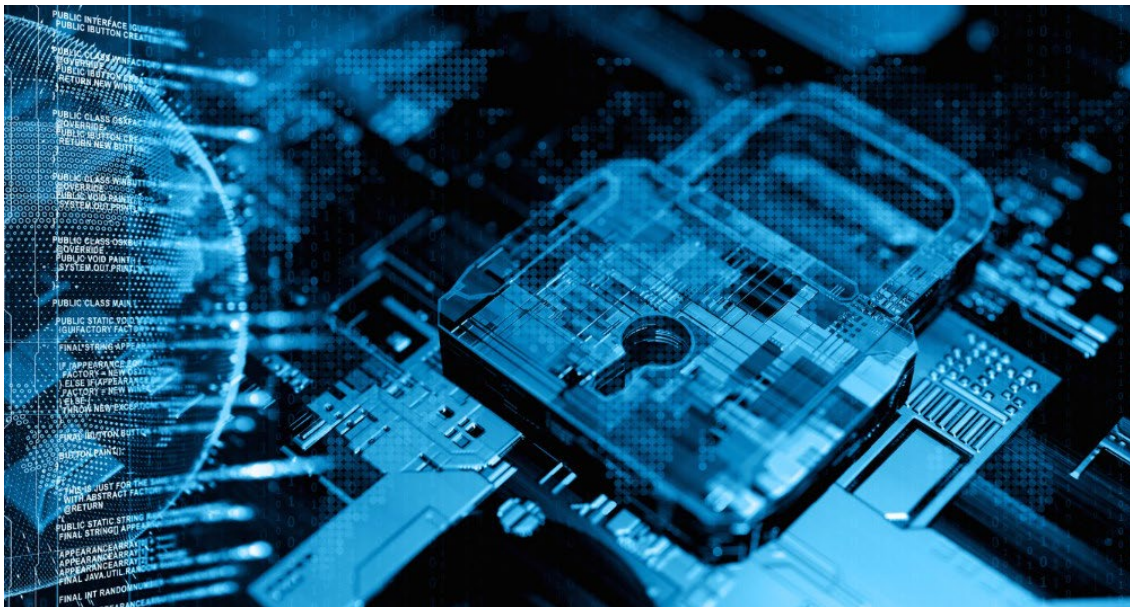## Robert Rosenberger Advocates for Cell Phone Driving Laws to Improve Driving Safety

In commentary and press interviews, Dr. Robert Rosenberger said that laws such as Georgia's new cell phone law undoubtedly save lives, but they also ignore the large body of evidence that hands-free phone use is just as dangerous as fiddling with your phone. A philosopher who studies our engagement with technology, Rosenberger is the author of *Callous Objects: Designs Against the Homeless*. His presentations this year include closing remarks at the Philosophy of Human-Technology Relations Conference at the University of Twente, the Netherlands, where he also presented his paper "On the "Logics" of Hostile Design: An Enumeration of the Forms of Discrimination Built Into Public Space." Read more.

Mary Frank Fox Inducted as AAAS Fellow

AAAS recognized Dr. Mary Frank Fox, a pioneer of gender in science studies, "for distinguished research on women and men in scientific organizations and occupations, and for national leadership on issues related to diversity, equity, and excellence in science." Read more.

IT Management

New Online Master's in Cybersecurity Is Potential Game Changer

Following the successful launch of our M.S. in Cybersecurity Policy degree in Fall 2017, policy is one of three tracks offered in Georgia Tech's new Online Master's (OMS) in Cybersecurity. Our global brand, online scaling, and the $10,000 cost hold promise for addressing the severe shortage in the global cybersecurity workforce. The first online cybersecurity policy cohort matriculates in January 2019. All students in Georgia Tech's OMS Cybersecurity program will take a core policy course to understand the role that government, corporate, and coalition policies can have in stopping cybercrime and enhancing surveillance. Learn more. Our Information and Technology Management Program is currently ranked #2 by *U.S. News & World Report*.

Milton Mueller Delivers Ostrom Memorial Lecture at Indiana University Bloomington

On October 3, Dr. Milton Mueller gave the fifth annual Ostrom Memorial Lecture, which carries forward the legacy of the Nobel Laureate Elinor Ostrom and her husband Vincent Ostrom at the University of Indiana at Bloomington. Founder of the influential Internet Governance Project, Mueller specializes in the political economy of information and communication. His lecture challenged the idea of sovereignty in cyberspace. Learn more or Listen to the full lecture.

Higher Education's Lesson from the EU: Pursue a Global Approach to Cybersecurity Education

Last May, one of the most profound regulations in two decades transformed how international businesses process customer data gathered from the Internet and, says Dr. Milton Mueller, also underscored the need for universities to rethink how they are educating the cyber workforce. Learn more.

Environmental Policy and Management

Marilyn Brown Leads on DOE Electric Vehicle Report

Electric vehicles equipped to pump electricity back into the grid could help make for a more resilient power system and make owners a little cash, to boot, according to a new U.S. Department of Energy report written principally by School of Public Policy Dr. Marilyn Brown. The report, released June 28, 2018, "envisions a future where mobile batteries in electric vehicles could provide power to our homes, back-up power to businesses, and a new source of revenue to vehicle owners." Learn more. Our Environmental Policy Analysis Graduate Program is currently ranked #12 by *U.S. News & World Report*.

Omar Asensio Awarded 40 for 40 Fellowship by the Association for Public Policy Analysis and Management

Dr. Omar Isaac Asensio was awarded the 40 for 40 Fellowship for early career research by the Association for Public Policy and Management (APPAM). Asensio's research focuses on the intersection of data science and public policy, with applications to energy systems and behavior, smart cities, vehicle electrification, and applied machine learning in transportation and mobility. Recent presentations were at APPAM, Carnegie Mellon MLSE, Oxford, UC Berkeley, and at the U.S. DOE Headquarters in Washington on "Behavioral

Insights and Building Energy Efficiency Strategies." Read more. He has been invited to join the editorial board of the Journal of Environmental Studies and Science (JESS).

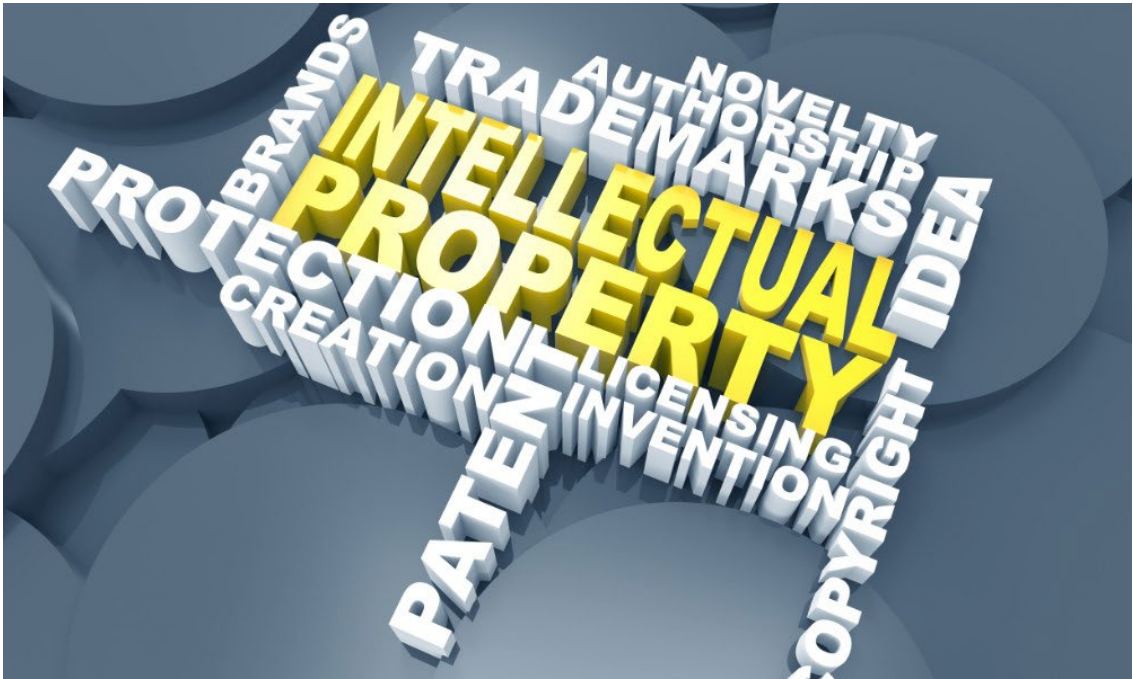
Ganz Co-Authors '*Real Clear Policy*' Article on Carbon Tax

Dr. Scott Ganz and AEI Resident Fellow Alex Brill recently co-authored an op-ed in *Real Clear Policy* that examines the economic incidence of a revenue neutral carbon tax across the roughly 3,000 counties in the United States. In their analysis, the revenue associated with a $25-per-ton tax is redistributed via a decrease in taxes on wages. Read article.

City of Atlanta Adopts Energy Modeling Platform Created at Georgia Tech to Boost Clean Energy

While earning his Ph.D. under Dr. Marilyn Brown, Matt Cox created ATHENIA, an AI-based platform for modeling energy demands on an hour-by-hour basis within 0.1 percent accuracy. ATHENIA is gradually being used to improve energy efficiency throughout the Southeast — the nation's largest consumer of electricity. Now, Cox's consulting firm The Greenlink Group is playing a major role in Atlanta's ambitious effort to transition the entire city — from the tiniest lightbulb to the world's busiest airport — to 100 percent renewable energy by 2035. Learn more.

Science and Technology Policy

Intellectual Property Certificate Critical to Student Careers and Georgia's Innovation Ecosystem

Launched in Fall 2017, our undergraduate Intellectual Property (IP) certificate is crucial to a multipronged effort by Georgia Tech and entities across Atlanta to strengthen the city's innovation ecosystem. The program formalizes IP career pathways for students by providing multidisciplinary understanding of IP's impact on innovation, as well as connections with technology-based sectors including telecommunications, software, the entertainment industry, and government. Learn more.

Chair Kaye Husbands Fealing Appointed to National

Science Foundation Committee

[Dr. Kaye Husbands Fealing](#), professor and chair of the Georgia Tech School of Public Policy, has been appointed to the Committee on Equal Opportunities in Science and Engineering (CEOSE) of the National Science Foundation (NSF). CEOSE is a congressionally mandated advisory committee to the National Science Foundation. [Read more](#).

Center for Urban Innovation Director Jennifer Clark Gives Invited Talk at Seoul National University

[Dr. Jennifer Clark](#) spoke at Seoul National University on "Uneven Innovation: The Economic Geography of Smart Cities." In a country with the fastest average internet connection speeds in the world, Clark said that South Korean "young people have a particularly keen understanding of the potential of smart cities technologies to promote more equitable, sustainable, and efficient cities." [Learn more](#). Professor Clark was named an inaugural fellow of the American Association of Geographers (AAG). [Read more](#). She was also appointed deputy editor-in-chief for the flagship journal *Regional Studies* (RS).
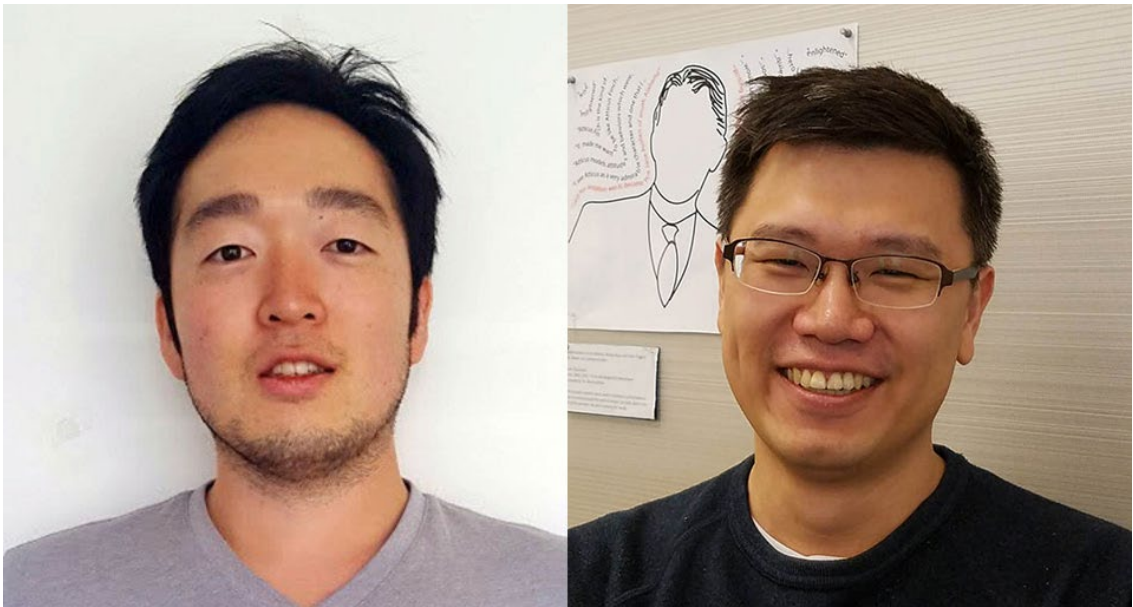
Alan Marco Presents at Federal Trade Commission Hearing on Patent Policy

Dr. Alan Marco spoke on October 24, 2018 at Federal Trade Commission hearings on "Competition and Consumer Protection in the 21st Century." The former chief economist at the USPTO gave introductory comments on patent policy and was a panelist on "Emerging Trends in Patent Quality." Marco specializes in innovation and patent policy, science and technology policy, IP strategy and management, patent valuation, and other related areas. Earlier in the year, he was an invited speaker at the U.S. Chamber of Commerce and the Center for Intellectual Property Understanding. Read More.

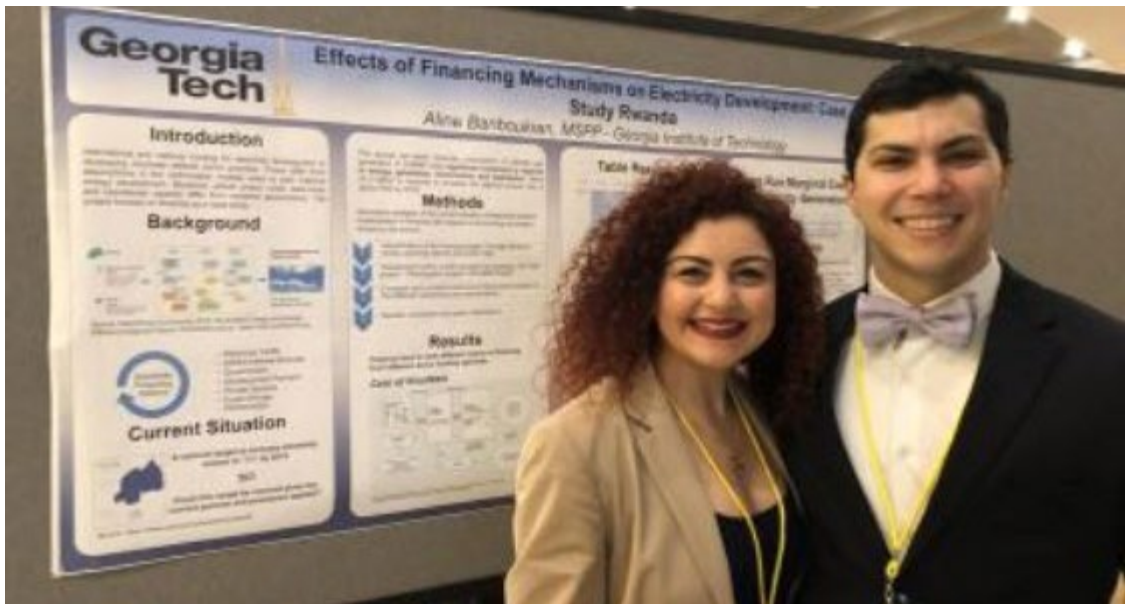## Elie Sung Awarded NSF Grant for Patent Policy Dissertation Research with Dr. John Walsh

Ph.D. candidate Elie Sung was awarded an NSF dissertation improvement grant (#1759991, Co-PI John Walsh) by the Science of Science and Innovation Policy (SciSIP) program for her research "Patent Policy Changes in the Court: A Study of Heterogeneous Impacts on Business Models and Firms' Participation." Learn more

Seokkyun Woo and Seokbeom Kwon Receive Young Scholars Award in South Korea

Seokkyun Woo and Seokbeom Kwon, Ph.D. students in the Georgia Tech School of Public Policy, each received the Young Scholars Award 2018 from the International Schumpeter Society at the society's biennial conference in Seoul National University, Seoul, Korea, from July 2 - 4, Woo for his paper "The role of curiosity in science: evidence from Ig Nobel Prizes," and Kwon

for "Impact of patent ownership transfer on patent holdup risk and innovation of firms." Learn more

Aline Banboukian and Andrew Hanus were recent award winners at CRIDC poster competition

School of Public Policy, Master students Aline Banboukian and Andrew Hanus were recent award winners at the Career, Research, and Innovation Development Conference (CRIDC) poster competition. Aline won the tier one sponsor award from Vantiv with her poster titled "The Effects of Financing Mechanisms on Electricity Development: Case Study Rwanda." Andrew's award was part of the CRIDC's Graduate Education and Faculty Development category which also includes travel funding. His poster was titled: "Racing Towards Self-Driving Cars? Assessment of the DARPA Grand Challenge Program." Learn more

Georgia Tech Public Policy Welcomes the 2018 NASPAA Conference Featuring Raphael Bostic to Atlanta

More than 360 of our peers from around the world joined the Georgia Tech School of Public Policy for the 2018 annual NASPAA conference, which we co-hosted in Atlanta. School Chair Kaye Husbands Fealing introduced keynote speaker Dr. Raphael Bostic, president and CEO of the Federal Reserve of Atlanta. Fealing was recently appointed to the NASPAA Executive Council. Read more.

New IARPA Director Stacey Dixon Lectures on Technology Policy and National Intelligence

On September 6, the School of Public Policy welcomed Dr. Stacey Dixon to campus. The newly appointed director of Intelligence Advanced Research Projects Activity (IARPA) within the U.S. Office of the Director of National Intelligence discussed "Reacting to and Influencing Policy in High-Risk, High-Payoff Research within the Intelligence Community." Dixon also met with members of the Georgia Tech Research Corporation (GTRC), a recipient of several IARPA contracts. Read more.

New Faculty Bullinger and Grubert Bring Expertise in Family Health Care and Energy Policy

Dr. Lindsey Bullinger

- Social policy
- Child and maternal health
- Employment and wage policy

Dr. Emily Grubert (Civil and
Environmental Engineering
with Courtesy Appointment in SPP)

- Infrastructure policy
- Energy-water nexus
- Monetizing societal values

Ed Barker: Public Policy, Robotics and Solving the STEM Teacher Challenge

If given just one word to describe the robotics team mentored by School of
Public Policy graduate student Ed Barker, you wouldn't go wrong choosing

"winner." After all, Barker's Kell Robotics team is just one of 29 teams inducted into the FIRST Robotics Competition Hall of Fame, and serves as a role model to the 61,000 teams worldwide. Learn more

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Georgia Tech School of Public Policy

The Georgia Institute of Technology 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 fully explore our web site (spp.gatech.edu) to learn more about how we are creating leaders driving 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)

Center for Urban Innovation (CUI)

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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