Program Overview

The Center for Law, Science & Innovation (LSI) has been at the forefront of governing emerging technologies for the past 30 years. ASU’s Sandra Day O’Connor College of Law was the first law school in the country to create a center to address the legal aspects of technologies. As more and more emerging technologies are assuming central roles in our lives, economy, and the law, ASU is uniquely positioned to be an innovator and leader in the teaching and application of the technology-based law of the 21st century. The philosophy of the Governance of Emerging Technologies (GET) program is that lawyers and the law should and do play a central role in the development and use of safe and beneficial emerging technologies by managing technology risks, promoting technology benefits, and providing a forum to address the ethical impacts of new technologies. GET pursues these goals through a rich program of course offerings, conferences and workshops, research projects, publications, expert consultations, and outreach activities in which our students actively participate.

Why GET?

Emerging technologies are rapidly transforming both the substance and practice of law in the United States. Every major company in this country is actively developing and applying one or more emerging technologies, such as genetics, nanotechnology, biotechnology, autonomous systems, robotics, the Internet of things, Bitcoin, 3D printers, drones, mobile apps, and brain-machine interfaces, raising novel legal issues with regard to regulation, liability, privacy, intellectual property, and individual rights. Every lawyer practicing law in this country will need to incorporate one or more emerging technologies in obtaining and presenting legal evidence, such as e-discovery, social media, surveillance technologies, neuroscience, and forensic sciences. The GET program is dedicated to training 21st century lawyers who will have the expertise and competitive advantage in managing the cutting-edge legal aspects of emerging technologies. At a time when technology has become all the more pervasive and powerful, law must become proactive and innovative, and opportunities for the modern lawyer are vast.

Faculty Expertise

- 3D Printers
- Anti-Aging
- Autonomous Vehicles
- Big Data/Internet of Things
- Bioethics
- Biotechnology
- Bitcoin
- Drones
- Epigenetics
- Genetics
- Health Care Technologies
- Human Enhancement
- International Coordination
- Military Technologies & National Security
- Molecular Diagnostics
- Nanotechnology
- Neurotechnology
- Pacing Law with Science
- Patenting Policy
- Personalized Medicine
- Precautionary Principle
- Relationships and Technologies
- Robotics/Artificial Intelligence
- Science in Regulation
- Soft Law/Standards
- Sustainable Technologies
- Synthetic Biology
- Technology & Access to Justice
- Technology & Privacy
- Technological Unemployment
- Toxicogenomics

Annual Conference

Since 2013, the GET program has hosted its annual Conference on Governance of Emerging Technologies: Law, Policy and Ethics every spring in Arizona. This distinctive event consists of presentations and discussions on regulatory, governance, legal, policy, social, and ethical aspects of emerging technologies, including nanotechnology, synthetic biology, biotechnology, genomics, personalized medicine, human enhancement technologies, telecommunications, surveillance technologies, geoengineering, neuroscience, and robotics. The conference is premised on the belief that there is much to be learned and shared from and across the governance experience and proposals for various rapidly emerging new technologies. It is a truly interdisciplinary conference of scientists, lawyers, regulators, philosophers, ethicists, and more. Students involved in the program can attend conference sessions and network with renowned thought leaders in areas integral to the career of a modern lawyer, and their opportunities only grow each year as the annual conference increases in breadth, attendance, and national recognition.
# Student Opportunities

The Center for Law, Science & Innovation (LSI) aims to support and connect our students with our programs’ vast resources, including more than 30 Center Faculty Fellows and over 60 science and technology related law school courses. Today, emerging technologies inevitably play a role across all legal fields, and the GET program collaborates with programs including Health Law, Law and Sustainability, International Law, etc. to create an interdisciplinary understanding crucial for the modern lawyer. Specifically, the GET program offers unique opportunities for students that include:

- **Graduation Certificates in Law, Science & Technology**, with the option to specialize in areas including Genomics & Biotechnology, Law & Psychology, and Intellectual Property.
- **Small Research Cluster groups**, where students work closely with faculty peers to research and write a publishable article in the areas of Law & Neuroscience, Personalized Medicine, and Governance of Emerging Technologies.
- **Annual Conferences and workshops on hot topics in Neuroscience, eDiscovery and Digital Evidence, Molecular Diagnostics, and Governance of Emerging Technologies**, with new events each year on emerging issues such as GMOs and Anti-Aging technologies.
- **Editorial positions and publication opportunities with *Jurimetrics: the Journal for Law, Science & Technology*, published by ASU Law in collaboration with the ABA’s Section on Science & Technology Law.
- **Innovation Advancement Program clinical work placements assisting start-up companies from the ASU community with their modern legal needs.**
- **LLM and MLS degree programs**, including a specialized degree in Genomics & Biotechnology, as well as coursework training Health Law and Sustainability Law students, among others, to be fluent in governance and policy issues for fast-evolving technologies.
- **Research opportunities working closely with faculty members or community partners on current projects and publications.**
- **Law and Society Student Association**, which collaborates with LSI to host speakers, events, and networking opportunities based on its students’ areas of interest within the law, science, and technology sphere.

## Alumni Testimonials

“From an in-house perspective, as companies are taking a more modern, technological approach to their business, corporate counsel must be equipped with the tools and mindset necessary to take a modern, technological approach to their practice. The Center, and classes such as High Tech Licensing and IP in Cyberspace, have sharpened me into a 21st century attorney able to adequately represent my company in various technological matters.”

- **Jordan C. Redman, Class of 2010 General Counsel of FacilitySource**

“My law career has taken me from national to global in the fields of health care and medical devices - none of which would be possible without the education I received through the Center for Law, Science & Innovation. In the Silicon Valley, I was surrounded by emerging technologies and it was fascinating, dynamic, and complex. I am now in an emerging technology company and the courses I took in law school have definitely served me well.”

- **K Royal, CIPP/US, CIPP/E, Class of 2004 VP, AGC CellTrust Corporation**

“As a law student, the Center for Law, Science & Innovation gave me the opportunity to see the legal issues cast by emerging technologies. The technology transfer class, for example, exposed me to the nuances of licensing, informed consent, the regulatory process, and related ethical concerns. Moreover, our team project was to determine the viability of marketing a new invention that was submitted to the technology transfer office of the university. It is because of these invaluable lessons that I learned early on in my career of now 10 years that I am still active with the Center both as a fellow and as a member of the Community Board.”

- **May Mowzoon, Class of 2004 Patent Attorney**

“The Law, Science, and Innovation Center inspired me to redirect my law school focus to emerging technologies. The many courses and variety of programs relating to emerging technologies, as well as the opportunities to research, write, and interact with faculty experts in these areas, were so interesting, innovative, and cutting edge that I spent the majority of my time in law school taking these courses and working within the Center.”

- **Blair Moses, Class of 2010 State Bar of Arizona**

“The breadth of emerging technology courses offered at the Sandra Day O’Connor College of Law allowed me to pursue my passion for science, innovation, and the law by preparing me for important issues I was either sure to encounter in my career or that I would find fascinating regardless. I found the courses to be engaging, exciting, and innovative. I appreciated being able to branch out from traditional law school curriculum to better hone my skills in areas of the law I was, and still am, most passionate about.”

- **Justin N. Redman, Class of 2010 Counsel at GoDaddy**