Isaacson, Miller
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Georgia Institute of Technology

Search for the Chief Research Operations Officer
Georgia Institute of Technology
Atlanta, GA

The Georgia Institute of Technology, also known as Georgia Tech or the Institute, a top-ranked public institution and one of the nation's leading research universities, seeks a strategic, visionary, and innovative leader to serve as its inaugural Chief Research Operations Officer (CROO). The CROO will serve in a critical leadership role to facilitate and direct Georgia Tech's large and growing research activities. In FY 2022, Georgia Tech funded research programs totaled over $1 billion, making it one of the largest funded research programs of any university in the nation. The new CROO will embrace a strong operational focus, overseeing Research Integrity Assurance, Research Administration, and Research Development and Operations. The CROO will join a leadership team charged with furthering Georgia Tech's mission as a top-tier research institution.

Reporting to the Executive Vice President for Research (EVPR), Dr. Chaouki Abdallah, the CROO will optimize research operations, improve compliance, and support infrastructure improvements, including the identification and implementation of best practices to enhance research efficiency and productivity at Georgia Tech. The CROO also serves on the EVPR's leadership team and serves as the EVPR's deputy, providing direction and oversight on the EVPR's behalf and representing the EVPR to internal and external constituencies regarding matters of research operations and administration. The CROO will partner with the EVPR in developing and articulating a long-term research vision and strategy consistent with the aspirations of the Institute Strategic Plan and Research Next, the Institute's vision for the future of research operations, compliance, and administration at Georgia Tech. The position will oversee professional and support staff and will motivate, support, lead, and retain a high-performing team to ensure success in a research support environment characterized by growth and change. The CROO will represent Georgia Tech in the broader national and global conversations regarding research policy, operations, and administration.

The successful candidate will have significant leadership and management experience in a research environment, excellent written and spoken communication skills, process improvement experience, strategic planning knowledge, a service-oriented mindset, and the ability to foster key relationships with

internal and external constituents. A commitment to diversity and inclusion is a priority as Georgia Tech works to address the intersections of sustainability, social justice, and community.

Georgia Tech has retained Isaacson, Miller, a national executive search firm, to assist in this recruitment. All applications, inquiries, and nominations should be directed, in confidence, to the search firm as indicated at the end of this document.

GEORGIA INSTITUTE OF TECHNOLOGY

The Georgia Institute of Technology is a public research university established by the state of Georgia in Atlanta in 1885 and committed to developing leaders who advance technology and improve the human condition. --Georgia Tech Mission Statement

Background and Culture

The Georgia Institute of Technology, also known as Georgia Tech or the Institute, is a top-ranked public college and one of the leading research universities in the USA. Founded on Oct. 13, 1885, the Georgia School of Technology opened its doors in October 1888 to 84 students. The School's creation signaled the beginning of the transformation of the agrarian South into an industrial economy. During its first 50 years, Tech grew from a narrowly focused trade school to a regionally recognized technological university. In 1948, the School's name was changed to the Georgia Institute of Technology to reflect a focus on advanced technological and scientific research. Women students were admitted in 1952, and in 1961 Georgia Tech became the first university in the Deep South to desegregate without a court order.

In recent years, Georgia Tech has been a national leader in managing the global transition from an industrial economy to an information economy. Throughout its long history, Georgia Tech has focused its efforts on preparing students to use their innovative skills and strong work ethic to solve real-world problems and improve the lives of people around the globe. From the world-famous "Ramblin' Wreck" fight song to the innovative student and university culture, the Tech campus is steeped in time-honored traditions that students embrace from generation to generation.

Today, Georgia Tech provides a technologically focused education to undergraduate and graduate students in fields ranging from engineering, computing, and sciences, to business, design, and liberal arts. Georgia Tech is also one of the nation's largest industrial and engineering research agencies. Georgia Tech, having its main campus in downtown Atlanta, Georgia, also has campus locations in Metz, France, and a new campus in Shenzhen, China.

Academic Excellence

The Georgia Institute of Technology, or Georgia Tech, is one of the top public research universities in the U.S., developing leaders who advance technology and improve the human condition. The Institute

offers business, computing, design, engineering, liberal arts, and sciences degrees. Its more than 46,000 students, representing 50 states and more than 150 countries, study at the main campus in Atlanta, at campuses in France and China, and through distance and online learning. As a leading technological university, Georgia Tech is an engine of economic development for Georgia, the Southeast, and the nation, conducting more than $1 billion in research annually for government, industry, and society.

The Institute is ranked 8th among Most Innovative Schools and 15th among Top Public Schools according to *U.S. World Report's* Best College rankings of public universities in the nation. Georgia Tech also ranked #45 out of over 2,000 institutions worldwide in the 2022 Times Higher Education World University Rankings. Georgia Tech ranked #4 in Best Undergraduate Engineering Programs, with all Tech's graduate engineering programs ranking in the top 5. Georgia Tech's academic programs also reach to industry and professionals via Georgia Tech Professional Education. This academic division enrolled more than 190,000 individuals in FY2021, from over 900 organizations around the world, bringing faculty research and industry needs together in an education setting.

Campus & Athletics

Georgia Tech's beautiful 400-acre, tree-lined campus is located in midtown in the heart of Atlanta, Georgia. The Institute generates a collegiate atmosphere incorporating sports, campus traditions, more than 500 student organizations, 13 honor societies, and more than 50 Greek organizations. Georgia Tech's NCAA Division I intercollegiate athletics program is one of the oldest and most renowned in the country, and Tech students are passionate cheerleaders for their beloved Yellow Jackets, who compete in 17 different sports within the Atlantic Coast Conference (ACC). Georgia Tech is also ranked among the Top 50 Green Colleges by *The Princeton Review*.

Innovation & Entrepreneurship

Georgia Tech fosters a culture of innovation and entrepreneurship, evidenced by many examples impacting business and society. Georgia Tech's Enterprise Innovation Institute (EI2) is the nation's largest university-based program of business and industry assistance, technology commercialization, and economic development, supporting the launch of hundreds of startups that, combined, have raised over $1.5 billion in investments. The Advanced Technology Development Center (ATDC) is recognized by Forbes magazine as one of 10 incubators "changing the world." Founded in 1980, ATDC is the oldest technology incubator in the U.S. with more than $12 billion in revenue generated by 190 graduates. Locally, the Institute helped Georgia companies secure $592 million in government contracts and create or save an estimated 11,850 jobs. It also served 1,440 Georgia manufacturing companies and helped them increase sales by $219 million, create or save 1,910 jobs, and slash operating costs by $40 million. The Institute also served 505 technology startup companies that generated capital activity (venture capital investment and mergers/acquisitions) of more than $270 million. Additionally, the Institute assisted 96 minority entrepreneurs in receiving $93 million in new contracts, increased sales, and securing new bonding/financing.

Georgia Tech further cemented its role as an entrepreneurial hub when it created the Office of Commercialization in 2020. The newly established Office brings together commercialization and technology transfer activities from across the Institute. The vision is to attract and nurture the best entrepreneurial minds while redefining commercialization in academia as a thought leader.

Georgia Tech recognizes technology is important for delivering value in the real world and provides a wide-ranging suite of commercialization-focused programs. These programs and resources include VentureLab, and the popular student-focused business startup program, CREATE-X, providing the knowledge, skills, abilities, and experiences that will give Georgia Tech's faculty, researchers, students, staff, and alumni the confidence to create their own future and confidently pursue entrepreneurial opportunities.

Georgia Tech's bold vision to be the number one commercialization campus in the country underpins its thriving entrepreneurial ecosystem. The Office of Technology Licensing receives an average of about 250 invention disclosures a year, stimulating Georgia Tech's ability to move intellectual property out into the marketplace. With more than a billion-dollar research program, Georgia Tech strongly believes in providing a pathway for everyone associated with the campus community to help turn ideas into reality. The Office of Commercialization leverages collaboration with investors, companies, corporate partners, and others, to advance Georgia Tech's mission to improve the human condition for not only the State of Georgia but for the nation, and the world.

Diversity

The Institute is consistently rated among the top universities in the nation for graduation of underrepresented minorities in engineering, physical sciences, and architecture and planning. Georgia Tech graduates more women in engineering disciplines than any school in the United States. With more than 60 chartered student organizations exploring religious, racial, sexual, and ethnic identity (but open to all), Tech students find a way to celebrate, strengthen, and share their part of the robust cultural melting pot that thrives on the campus community. Georgia Tech further demonstrates its commitment to diversity through the Minority Business Development Agency (MBDA), which helps Minority Business Enterprises (MBEs) access capital, increase profitability, create jobs, and become sustainable. The MBDA Business Center – Atlanta has created more than 3,700 jobs and assisted minority businesses in receiving nearly $600 million in financing, contracts, and sales.

LEADERSHIP

President Dr. Ángel Cabrera

Dr. *Ángel* Cabrera was appointed as the 12th president of Georgia Tech on June 12, 2019. Dr. Cabrera formerly served as president of George Mason University (GMU), a top-tier research institution and the

largest public university in Virginia, since 2012. His efforts at GMU led to improving student outcomes, enhancing research, strengthening community partnerships, and doubling philanthropic contributions.

During Cabrera's tenure, GMU joined the top tier of research universities in the Carnegie Classification and established the Schar School of Policy & Government, the Institute for Biohealth Innovation, a U.S. Dept. of Homeland Security Center of Excellence, the Potomac Center of Environmental Studies, the Point of View Center for Conflict Analysis and Resolution and a campus in South Korea. Under Cabrera's leadership, the university established partnerships to expand online programs and international recruitment, built several new facilities, adopted a new budget system, and received a credit rating upgrade. Philanthropic contributions have more than doubled, and a $500 million campaign was successfully completed in December with a total of $690 million.

Cabrera earned his Ph.D. and M.S. in cognitive psychology at Georgia Tech—which he attended as a Fulbright Scholar—and his B.S. and M.S. in computer and electrical engineering at Universidad Politécnica of Madrid, which has awarded him an Honorary Doctorate. Prior to becoming president of GMU, Cabrera led Thunderbird School of Global Management (now part of Arizona State University) and IE Business School in Madrid.

Chaouki Abdallah, Executive Vice President, Research

Chaouki Abdallah joined the Georgia Institute of Technology in September 2018 as the Executive Vice President of Research (EVPR). In this role, Abdallah provides leadership, oversight, and direction for the Institute's $1 billion portfolio of research, economic development, and sponsored activities, including the Georgia Tech Research Institute (GTRI), 10 interdisciplinary research institutes (IRIs), and related research administrative support units. For more information on the EVPR units, please visit the Appendix.

Since Abdallah assumed the role of EVPR, the Institute took occupancy of Coda, a first-of-its-kind, mixed-use facility in the heart of Tech Square, designed to create opportunities in interdisciplinary research, commercialization, and sustainability. Under his leadership, Georgia Tech also launched the "Commission on Research Next," a process that will map a comprehensive future for research at Tech. The initiative will also develop the Institute's strategy to bolster commercialization efforts and tech transfer initiatives, and grow critical collaborations with industry, government, the national labs, and foundations. Abdallah came to Georgia Tech from the University of New Mexico, where he served as the university's 22nd president, provost, and executive vice president for academic affairs, as well as department chair of the Electrical and Computer Engineering (ECE) Department.

Abdallah began his college career at the Faculté d'ingénierie of the Université Saint-Joseph in Lebanon, then obtained a Bachelor of Engineering (B.E.) degree from Youngstown State University in 1981, and an M.S. and Ph.D. in electrical engineering from Georgia Tech in 1982 and 1988, respectively.

Strategic Planning at Georgia Tech: Inclusive Innovation for a Better Future

Under President Cabrera's leadership, the Institute began the first phase of a strategic planning process in October 2019. *A Vision for Georgia Tech: 2020-2030 Inclusive Innovation for a Better Future* outlines Georgia Tech's future as an example of inclusive innovation and a leading technological research university relentlessly committed to serving the public good.

Research Next at Georgia Tech

Launched by Executive Vice President for Research Chaouki T. Abdallah in early 2020, the Commission on Research Next (CRN) is a planning initiative that creates a new strategy for the future of the research enterprise at Georgia Tech. Faculty, researchers, staff, and students at Georgia Tech are building a cohesive plan that assesses the current research landscape and will outline a new approach to address the world's largest challenges. The goals are to discover the issues that will define the future of research, uncover new opportunities for engagement with peers, partners, and others, and build the necessary infrastructure to make it all possible. CRN is working in alignment with the mission, vision, values, and strategic themes from the Institute's strategic plan.

Phase One of the initiative assessed the current landscape for research-intensive universities. The CRN tapped the knowledge and expertise of Georgia Tech faculty, staff, and students to analyze what the research landscape will look like ahead, for Georgia Tech and for other research-intensive universities. A second team of faculty, staff and students worked on Phase Two of the effort, which developed a strategy for how Georgia Tech's research enterprise will – in alignment with the new institute strategic plan – respond to these challenges and move forward into the decades ahead. Phase Three is now underway. Four implementation project teams have been assembled to create strategies around the 16 goals, with an additional three being launched in FY23-24. These projects include project management support, strategic & operational expansion of HBCUs and MSI research partnerships, research faculty engagement and career development, organizational structures, and pathways of interdisciplinary research, among other initiatives.

Sustainability at Georgia Tech

Georgia Tech intends to lead by example in sustainability and to promote action and awareness through education, research, partnerships, and practice. Georgia Tech's 2020 – 2030 Strategic Plan for Sustainable Practice is a 10-year roadmap to create a sustainable campus. The plan was developed by an interdisciplinary campus cohort facilitated by the Office of Campus Sustainability and nominated by executive leadership. Focal areas include energy and emissions, water, built environment, materials management, and commitment and engagement.

RESEARCH AT GEORGIA TECH

Georgia Tech consistently places among the top U.S. universities in the volume of research conducted, and in 2020, the Institute attracted more than $1 billion to help address critical challenges in computing, engineering, design, the sciences, liberal arts, and business. Core research areas include: Bioengineering and Bioscience; Data Engineering and Science; Electronics and Nanotechnology; Energy and Sustainable Infrastructure; Manufacturing; Trade and Logistics; Materials; National Security; People and Technology; Public Service; Leadership and Policy; Renewable Bioproducts; and Robotics and Systems. Georgia Tech is one of the South's largest industrial and engineering research agencies and plays a leading role in the Georgia Research Alliance, a centerpiece of the state's economic development strategy.

Georgia Tech conducts research for federal government agencies, companies, private organizations, the state of Georgia, and other organizations. Among top federal research sponsors are the Department of Defense agencies, the National Science Foundation, the National Institutes of Health, the Department of Energy, NASA, the Department of Commerce, and the Department of Health and Human Services. Both basic and applied research are conducted by experts throughout the Institute, including Georgia Tech's six colleges (engineering, sciences, computing, design, liberal arts, and business), its ten interdisciplinary research institutes, and GTRI.

Office of Research Integrity Assurance

The Office of Research Integrity Assurance works with faculty oversight committees and boards to promote the ethical conduct of research and to ensure compliance with regulatory requirements relating to research involving human subjects, vertebrate animal subjects, rDNA, synthetic nucleic acids, and dual-use research of concern. The committees supported by this office include an Institutional Review Board, the Institutional Animal Care and Use Committee, the Institutional Biosafety Committee, and the Institutional Review Entity.

Research Administration

The Research Administration function at Georgia Tech oversees all operations of research administration and sponsored programs and identifies sponsored research opportunities to grow the Georgia Tech research enterprise. Those in the Research Administration function ensure all research conducted at the Institute stays in compliance with state and federal rules and regulations, securing Georgia Tech's status as a top-tier research university.

Office of Research Development and Operations

The Office of Research Development and Operations is responsible for supporting and developing the research enterprise, operating the internally funded research programs in collaboration with the colleges, overseeing core facilities and research space, and managing policies related to research operations. The

unit includes the Office of Research Development whose mission is to support the development of large-scale research funding proposals, providing strategic guidance as well as practical support for the development of large, complex proposals. Services include strategy, project management, and proposal content and review, working closely with other campus units to help ensure timely submission of strong funding proposals.

THE CHIEF RESEARCH OPERATIONS OFFICER

As a senior research officer on campus, the Chief Research Operations Officer reports to the Executive Vice President of Research and is a member of the EVPR's leadership team. The CROO collaborates with the Institute's research leaders in management of the campus's research operations and development, administration, and research integrity and assurance. In this role, the CROO will envision and implement business processes and policies that balance the EVPR's objectives of promoting research growth while minimizing risk and providing outstanding customer service to stakeholders across the Georgia Tech research enterprise. As a part of the EVPR's leadership team, they will make high-level decisions and action plans to ensure the overall success of Georgia Tech's research operations, including training and education programs for research participants and research support staff. The CROO will also ensure that the reporting offices provide effective customer service to researchers, staff, and students across Georgia Tech's research enterprise and develop an operating infrastructure that ensures the efficient and effective delivery of research support.

The CROO will enhance and sustain a robust, service-oriented research operations organization, ensuring that the infrastructure and support for research evolve to meet the needs of the Institute as the total research portfolio grows. Internally, the CROO oversees the development, coordination, and implementation of programs and operational strategies for regulatory compliance issues to ensure that current policies and procedures are sufficient to minimize and reduce the risk of non-compliance. They will be responsible for ensuring a research environment across Georgia Tech that promotes safety, integrity, and ethical behavior and abides by the evolving regulations and requirements established by federal, state, and local funding agencies.

The CROO will manage and supervise three direct reports: the Vice President for Research Development and Operations; the Associate Vice President for Research Administration; and the Associate Vice President for Research Integrity Assurance. These units are collectively referred to as the Research Operations team. As a leader in the research enterprise, the CROO will promote collaboration and facilitate a culture of respect among and between members of the Research Operations team and those they support.

The CROO will have oversight of research compliance, contracting, and operations related to the academic research units and functions at Georgia Tech. The GTRI Chief Operating Officer will have oversight of these areas as related to GTRI's research units and function. The CROO will frequently interact and collaborate with the GTRI Chief Operating Officer on matters related to research compliance, contracting, and

operations, which intersect with overarching Institute, University System of Georgia, state, and/or federal policies and procedures.

KEY OPPORTUNITIES AND CHALLENGES

The CROO will be a strategic, service-oriented professional with exceptional collaborative skills who is dedicated to the learning, teaching, and research mission of Georgia Tech. A forward-thinking leader, a calculated risk-taker, and a thoughtful manager, the CROO will build on the Institute's innovative culture and long-standing and rich traditions, while embracing and balancing the need for change. As Georgia Tech enters an important and exciting period of future planning, the CROO will interact with campus stakeholders and external partners in the attainment of goals that are determined in the Institute's strategic and research plans. The CROO will be expected to be a trusted advisor to the EVPR, a respected and credible source of information for faculty and staff, and a steadfast advocate for the entirety of the Georgia Tech research enterprise.

To succeed in this role, this individual will be expected to address the following key opportunities and challenges:

Exercise leadership and bring vision, direction, and a strategic view

The CROO will work in concert with Georgia Tech leadership to strategize new ways to meet the ongoing and evolving needs of a growing research enterprise. The CROO will be responsible for implementing a comprehensive plan that streamlines the research administration, compliance, and operations supporting Georgia Tech's research community. The CROO will further hone Georgia Tech's research infrastructure to ensure it not only supports but encourages innovation, while also maintaining fiscal health, and balancing risk and compliance demands. In order to do so effectively, the CROO must thoroughly understand what is involved in sustaining a research-intensive environment. Functioning in a proactive and forward-thinking manner, the CROO will stay abreast of current research and scholarship trends and integrate appropriate responses to them into day-to-day operations and overall strategic planning. The CROO will also oversee the identification and reporting of critical mission metrics that focus both on research operations and faculty satisfaction.

Assess existing and develop, as appropriate, new research operations to fully support campus research activities

The CROO will provide excellent support across Georgia Tech's many disciplines, schools, centers, and institutes by continuously assessing how to sustain the service-oriented culture the office has established with Georgia Tech investigators. As the campus looks towards a new era of innovation and research, the CROO has a unique opportunity to evaluate both the infrastructure support for research to create greater efficiencies and ensure that it continues to meet Georgia Tech's current and future needs, paying special attention to the increasing Institute-wide demand for appropriate space, strong informatics, and data

management resources. The CROO will assess campus research facilities, technology, infrastructure, and resources including capacity, structure, and quality to improve maintenance and evaluate future sustainable development of space, core facilities, technical staff, and equipment.

This will also be a chance for the new CROO to streamline operational efficiency and reduce the administrative strain on researchers and their staff. As part of the effort to improve efficiency of research and equitable support of discovery-driven research across all disciplines, the CROO will review the extensive collection and structure of the research institutes, centers, and departments to capture the substance of the units and better support the cross-disciplinary research behind these endeavors that are unique to the Georgia Tech campus.

Continue to build a supportive environment for diverse, talented researchers, students, and staff

The CROO will develop and promote research support policies, practices, and programs that encourage recruitment and retention efforts and will enable the Institute's schools, colleges, and divisions to continue to recruit diverse, top-tier individuals now and in the future. The CROO will provide clear direction across all reporting units to ensure high performance and continuous process improvement. Moreover, the CROO will foster a culture that rewards innovation and creativity among staff, embraces change management, and sustains the open exchange of ideas.

Serve as a trusted, effective partner to all campus constituents and an external ambassador outside the Institute

The CROO must be a passionate and persuasive communicator with a genuine intellectual curiosity and the ability to articulate the goals and programs of campus research to a broad swath of stakeholders. This includes working with campus leadership on initiatives designed to improve the ease of research on campus while serving as a coalition builder around both the research agenda and in strengthening rapport with external stakeholders—including state, corporate, legislative, and philanthropic partners. The next CROO will need to understand and track the current and evolving research interests and capabilities across Georgia Tech in order to support strong multidisciplinary collaborations both internally and externally.

QUALIFICATIONS AND SKILLS

The ideal candidate for the role of the inaugural Chief Research Operations Officer will be an exemplary leader, effective manager, and strategic thinker with the ability to formulate a vision and inspire faculty and staff to collaborate to achieve it. The individual will demonstrate evidence of a strong record of research and scholarship consistent with the rank of tenured full professor or Principal Research Scientist/Engineer and will embody the mission and core values of Georgia Institute of Technology, including a commitment to supporting diversity and inclusion.

To this end, Georgia Tech seeks an experienced and innovative CROO with the following:

Required experience, skills, knowledge, and abilities

- A Ph.D. or other terminal degree in a discipline of relevance to Georgia Tech's research programs;
- 10+ years of job-related experience;
- Significant leadership and management experience within a research-intensive organization of similar size and complexity;
- Possess advanced skills and abilities in written and spoken communications;
- Excellent interpersonal skills, the ability to organize resources and establish priorities;
- Creative problem-solving skills with the ability to find flexible solutions to challenging administrative issues and thrive in a dynamic environment;
- The ability to bring structure to new and complex initiatives, and to build high-performing collaborative teams; and
- Ability to foster transparent and collaborative working relationships among a diverse set of stakeholders and demonstrate a commitment to support diversity, equity, and inclusion efforts.

Preferred qualifications

While no one person may embody all, the successful candidate will bring many of the following professional qualifications and personal qualities:

- Ability to use data to inform important decisions;
- Skill at managing an organization and its people during a period of change;
- Ability to identify examples of programs, initiatives, and decisions that demonstrate leadership and vision in operational design;
- Success in administrative leadership roles and an intellectual leader among the faculty;
- Ability to build rapport with stakeholders and others in the division and at the Institute;
- Possess empathy, compassion, integrity, and an ethical mindset;
- A balance of a practical perspective and visionary thinking;
- Persuasive skills in representing Georgia Tech externally in interactions with federal agencies, not for profits, and industrial/commercial partners;
- Dedication to the teaching, learning, and research mission of Georgia Tech.

APPLICATION PROCEDURE

Confidential review of applications and nominations will continue until an appointment is made. Applications, nominations, and inquiries should be directed electronically in confidence to:

Rebecca Kennedy, Partner (she/her/hers)
Dan Rodas, Partner (he/him/his)
Iliana Gonzalez, Senior Associate (she/her/hers)
Katie White, Associate (she/her/hers)
Cortnee Bollard, Senior Search Coordinator (they/them/theirs)
Isaacson, Miller
https://www.imsearch.com/search-detail/S8-689

Georgia Tech is an equal education/employment opportunity institution dedicated to building a diverse community. As part of our commitment to diversity, equity, and inclusion, we strongly encourage applications from women, minorities, individuals with disabilities, and veterans. We strive to be and promote a family-friendly environment and recognize that supporting this culture, at times, includes assisting dual-career couples with employment needs.

Appendix

Georgia Tech Research Institute

More than half of Georgia Tech's research is conducted in the Georgia Tech Research Institute (GTRI), Georgia Tech's nonprofit, applied research organization. Established in 1934 as the Engineering Experiment Station, GTRI's science and engineering expertise is used to turn ideas into systems applications that provide a significant technological advantage over other approaches.

GTRI's researchers combine science, engineering, economics, policy, and technical expertise to solve complex problems for the U.S. federal government, state, and industry. GTRI is a designated University Affiliated Research Center (UARC) and leverages its science and engineering expertise, in collaboration with Georgia Tech, to enhance the impact of its collective research output. As a non-profit research institute, GTRI is an objective partner that delivers workable solutions and manufacturable products. Highly specialized laboratories and interdisciplinary research centers allow GTRI to bring the right mix of talent, experience, and creativity to every project. GTRI has eight dynamic laboratories: Advanced Concepts Laboratory (ACL), Aerospace, Transportation and Advanced Systems Laboratory (ATAS), Applied Systems Laboratory (ASL), Cybersecurity, Information Protection, and Hardware Evaluation Research (CIPHER), Electro-Optical Systems Laboratory (EOSL), Electronic Systems Laboratory (ELSYS), Information and Communications Laboratory (ICL), and Sensors and Electromagnetic Applications Laboratory (SEAL).

GTRI and Georgia Tech combine applied and basic research to solve the innovation equation on behalf of clients. This combination provides unsurpassed expertise, technical solutions, and new levels of capability for the armed forces, federal and state sponsors, industry partners, and collaborators worldwide. GTRI is headquartered on the Georgia Tech campus in Midtown Atlanta. In addition to facilities throughout Atlanta, GTRI has field offices located around the nation in Alabama, Arizona, California, Colorado, Florida, Hawaii, Maryland, Massachusetts, Missouri, Ohio, Texas, Virginia, and Washington DC.

With more than 2,000 full-time engineers and scientists, as well as additional faculty members, part-time students, consultants and support personnel, GTRI's team-based approach gives researchers the flexibility to solve problems creatively as well as advance careers. GTRI is also the largest employer of Georgia Tech graduate and undergraduate students.

Interdisciplinary Research Institutes

Interdisciplinary Research Institutes (IRI) bring together a mix of researchers – spanning colleges, departments, and labs – around a single multi-disciplinary research area. Most IRIs offer grant proposal support services for multi-PI proposals within their area of interest. Some also offer core equipment centers. With staff knowledgeable about broad research areas, these institutes provide single points of contact for organizations conducting research at Georgia Tech. The Interdisciplinary Research Institutes primarily work in ten major areas: bioengineering and bioscience, data science and engineering, electronics and nanotechnology, energy, manufacturing, materials, people and technology, renewable bioproducts, robotics and intelligent machines, and sustainable systems.

Office of Commercialization

The Office of Commercialization serves as the central engine that drives commercialization and entrepreneurship efforts on campus. The primary focus of the office is to inspire and support Georgia Tech faculty, students, and staff in their pursuit of commercialization activities. Thus, its functions range from evangelizing the commercialization and tech transfer pipeline, to filing invention disclosures, patent applications, licensing, prototyping, and launching startups. Comprised of the Office of Technology Licensing and VentureLab, the commercialization office also serves as the hub bringing together the various internal and external commercialization entities in the ecosystem.

Office of Corporate Engagement

The Office of Corporate Engagement fosters a collaborative ecosystem and connects companies with leading faculty, staff, and students to generate talent, ideas, and solutions with unmatched impact and scale to help define and address the most critical problems of our time, locally and globally. They partner to design, implement and sustain a mutually beneficial engagement to deliver on a corporation’s goals and objectives to drive collaboration that produces truly innovative results.

Enterprise Innovation Institute

The Enterprise Innovation Institute (EI2) at the Georgia Institute of Technology is the largest, oldest, and most successful economic development organization at any university in the country. It is home to more than a dozen economic development programs that (1) build and scale startups, (2) grow existing small and medium-sized enterprises, including manufacturing firms, and (3) energize ecosystem builders (communities, governments, universities, and non-profits). These programs serve the State of Georgia, with programmatic reach across the Southeast region, the United States, and five continents around the world.

Reporting through the Office of the Executive Vice President for Research at Georgia Tech, EI2's 14 programs help entrepreneurs, industry, and the public sector be more competitive and increase economic impact in Georgia, nationally, and globally.

Georgia Tech's Research Corporations

The Georgia Tech Research Corporation (GTRC) is the contracting entity for all sponsored activities for colleges and other units at Georgia Tech that are not part of the Georgia Tech Research Institute, the applied research division of the institute. It also licenses all intellectual property developed at Georgia Tech through its Office of Technology Licensing. The Georgia Tech Applied Research Corporation (GTARC) provides contracting, grant, and research administration services for the Georgia Tech Research Institute (GTRI), a business segment of Georgia Tech committed to applied research.