A Message from Campaign Co-Chairs
Mary R. and John F. Brock III

Philanthropy has been woven into the fabric of Georgia Tech since its founding 125 years ago, and private support has shaped the campus and created the qualitative advantages—in teaching, research, facilities, and student life—that elevate a good university to a great one. They are advantages that state appropriations alone cannot provide.

Our vision for the future is to define the technological university of the twenty-first century. This means leading in innovative research and the commercialization of products to improve the human condition. It means leading in the education of bright young scholars. And it means leading in addressing critical social, technological, and policy decisions of our time.

We are following the path forged by those who have come before us. Larry Gellerstedt, ChE 1945; Erskine Love, ME 1949; Charlie Yates, GS 1935; Ivan Allen Jr., COMM 1933; Pete Silas, ChE 1953; Tom Gossage, ChE 1956; MS ChE 1957; Al West, AE 1964—they have all sat where we sit today. These great alumni were consummate leaders and personal philanthropists. They were champions for Georgia Tech, and they have shown us the way. Now, it is our turn to step forward.

To seize the opportunities that abound, and to make the Institute’s vision a reality, we have launched Campaign Georgia Tech. With the support of our alumni and friends, we can achieve great things.

This is our time. This is our legacy.

Sincerely,

Mary R. and John F. Brock III, ChE 1970, MS ChE 1971
Co-Chairs, Campaign Georgia Tech
A Message from Dean Gary S. May

More than 125 years ago, Georgia Tech opened its doors to 84 mechanical engineering students. That first class could never have imagined the changes that have since transformed not only the campus but the world. Yet their vision of a place that would inspire the motto, “To know, to do, to be,” is as real today as it was in the 1880s.

In 2012, we became the only college in the country in which all of our engineering graduate disciplines are ranked in the top ten. As we look to the future, alumni and friends of the College of Engineering share responsibility for nurturing the next generation of engineers — their ideas, their ambitions, and their dreams.

Groundbreaking research requires first-class facilities. Technologically advanced laboratories produce remarkable breakthroughs and help attract the world’s best scholars at every level. And faculty support is needed to enable our researchers to push the limits, dare to explore, and enrich the quality of our lives.

The College also urgently needs those who understand the importance of advanced education at the master’s and doctoral levels to consider support for graduate fellowships. They are critical to our ability to attract and retain the finest, most dedicated young scholars in the world so they can partner with our faculty and enrich our academic community.

There is no better investment than a scholarship for the next generation of students. Recognizing the links between a socio-economically diverse student body and academic excellence, the College has made access to scholarships a priority. By meeting this financial need, scholarships allow more of our students to keep their focus on what is most important — the pursuit of knowledge.

Your support of the College of Engineering endorses our vision to provide students and faculty with a bright future — one rich with potential to make an even greater difference. When you give back, you are helping us move forward.

Sincerely,

Gary S. May, EE 1985
Dean and Professor
A Tradition of Leadership

Throughout Georgia Tech’s history, engineering has been central to its mission, and Tech has produced generations of exceptional engineers to meet the needs of a rapidly changing society. Today, the College of Engineering is on the leading edge of wide-ranging, technologically advanced research and education that will improve the quality of life and shape the future of the field.

Fostering interdisciplinary research initiatives that tackle the most pressing challenges is crucial. This will be accomplished by strengthening the world-class faculty; attracting the brightest, most talented undergraduate and graduate students from around the globe; and providing premier facilities for engineering research, teaching, and learning.

Philanthropic support of alumni, friends, foundations, and corporations is essential in enabling the College of Engineering to continue its leadership role for generations to come.
Professor and James R. Fair Faculty Fellow Hang Lu in the School of Chemical and Biomolecular Engineering holds a microfluidic chip that is part of a new automated system that uses artificial intelligence and cutting-edge image processing to automatically examine large numbers of nematodes used for potentially life-saving genetic research.
Robert Braun is the David and Andrew Lewis Professor in Space Technology in the Daniel Guggenheim School of Aerospace Engineering and formerly served as NASA’s chief technologist. In 2014 he was selected by the California Institute of Technology for its prestigious Moore Distinguished Scholar Program.
Investing in People

A sustained focus on collaboration, innovation, and entrepreneurship has attracted gifted scholars to the College of Engineering and positioned it as one of the best in the nation. A distinguished, diverse faculty includes members of the National Academy of Engineering as well as Georgia Research Alliance Eminent Scholars.

The faculty is the lifeblood of the College and a major source of its prestige and global recognition. The recruitment and retention of academic leaders is imperative. Establishing a Dean’s Chair and increasing the number of endowed school chairs and professorships will ensure that the College of Engineering maintains its competitive edge.

Outstanding faculty members create the next generation of scholars, engage in cutting-edge research, and explore new ideas with graduate and undergraduate students. Just as important, the opportunity to work with luminaries attracts the most promising early and mid-career faculty members, strengthening the College’s research and teaching at every level.

Mark G. Allen is the Joseph M. Pettit Professor in the School of Electrical and Computer Engineering and Regents’ Professor. His research in microelectronics and microsystems has led to advances in health care technology and the creation of companies and devices that are improving the quality of life.

John Crittenden is the director of the Brook Byers Institute for Sustainable Systems, Hightower Chair, and Georgia Research Alliance Eminent Scholar. He specializes in the development of new technologies for treating and removing hazardous materials from drinking and groundwater.
The College of Engineering is committed to attracting and retaining bright, talented students through a variety of undergraduate scholarships, graduate fellowships, awards, and programs. These initiatives recognize achievement, promote access, and enhance opportunity. In turn, outstanding scholars bring prestige to the College and foster campus leadership and service.

Both undergraduate and graduate students have significant opportunities to expand their education beyond the classroom. Study and work abroad scholarships, undergraduate research awards, and co-op jobs enable engineering students to succeed in a global community, collaborate with faculty, develop leadership skills, and gain practical professional experience.

Technology and engineering know no boundaries, and the College has expanded its footprint around the globe. From logistics centers in Singapore and Central America to joint degree programs in Peking and Shanghai, engineering students at Georgia Tech are able to expand their cultural and intellectual horizons through transformative international experiences.

The College must increase student support in order to remain at the forefront of engineering, and the resources to continually develop more collaborative, interdisciplinary programs. Today’s engineering students will become tomorrow’s leaders, and they must continue to be engaged in the search for knowledge and real-world problem solving.

“I see the transformation of our students as they combine their Georgia Tech education with the cultural experience of a lifetime, living abroad, making lasting international friendships, being challenged with internships or research in a truly global environment. And I know we are preparing them for the 21st century.”

Yves H. Berthelot
Steven A. Denning Chair in Global Engagement and Vice Provost for International Initiatives
Students in the Daniel Guggenheim School of Aerospace Engineering conduct research in a wind tunnel.
Reginald DesRoches, the Karen and John Huff School Chair and Professor in the School of Civil and Environmental Engineering, holds a newly designed smart material used to improve the performance of buildings during earthquakes. DesRoches is a renowned researcher and teacher in the earthquake-resistant design of critical infrastructure.
Innovative Solutions

The College provides the technological engineering education and research that bolsters innovative solutions.

Energy and Sustainability: From biofuels and hydrogen fuel cell technologies to nuclear, solar, and wind energy, engineering faculty members are exploring the development and use of more sustainable energy resources.

Health: Through cutting-edge research in nanotechnology, bioengineering, drug design and delivery, and health care delivery systems, engineers at Tech are developing life-saving solutions to health challenges.

Security: Engineering is vital to improving the protection of global transportation, developing stronger lightweight body and vehicle armor, strengthening infrastructure, and designing and building more effective mechanical systems and aerospace vehicles.

Revitalizing the American Industrial Base: For more than two decades, the College has been a leader in supply chain and logistics research, education, and outreach in trade, manufacturing, humanitarian aid and disaster relief, perishables, and information technology.

Renaissance in Education: The College is committed to enhancing innovative undergraduate engineering education for the 21st century by promoting collaboration, bolstering classroom and research experiences on campus, and fostering diversity.

“This fellowship has afforded me the resources and the opportunity to apply quantitative engineering methodologies to the serious challenges of humanitarian relief, disaster response, and public health.”

Jessica Heier Stamm, John H. Morris Fellow in the H. Milton Stewart School of Industrial and Systems Engineering

Georgia Tech researchers are collaborating with business and industry to help reduce the cost of manufacturing and operating wind turbines for generating electricity.
Building a Brighter Future

As part of its commitment to providing the quality facilities required for a cutting-edge curriculum, the College seeks to renovate, expand, and equip several buildings and laboratories. The Marcus Nanotechnology Building provides 30,000 square feet of space for research that applies nanoscience and nanotechnology to the field of biotechnology. Private support will ensure that the facility is fully equipped and utilized by researchers from around the state, the nation, and the world.

The Engineered Biosystems Building will serve as a signature facility and as the locus for Georgia Tech’s — and the College’s — efforts to improve the quality of life at the nexus of science and engineering. It will make possible the multidisciplinary study of systems biology and its applications within the fields of medicine, high-performance computing, and nanotechnology.

“My initial investment in bioengineering and bioscience at Georgia Tech began in the mid-1980s. Today, to see this facility, and to see the students and faculty, and the things they are doing in the facility—there is no other word for it. It’s overwhelming.”

Parker H. “Pete” Petit
ME 1962, MS ME 1964
The Marcus Nanotechnology Building has one of the nation’s largest cleanroom facilities, providing significant space for multi-disciplinary organic and non-organic research in nanomedicine, nanotechnology, and biotechnology.

The Engineered Biosystems Building will extend Georgia Tech’s existing biotechnology complex, consolidate its biomedical research efforts, and accelerate discovery in the diagnostics and treatment of cancer, Parkinson’s disease, diabetes, heart disease, infections, and other life-threatening conditions.
The Power to Make a Difference

Engineers provide the critical systems and solutions for society and create the advances that propel society into the future. Georgia Tech’s College of Engineering helps prepare the next generation of engineers by giving them the advanced skills and social understanding that will help them meet the needs of tomorrow.

Support from individuals, foundations, and corporations has never been more important. It provides the resources that enable the College to improve the quality of education at all levels, and to secure and build upon its international position as the largest engineering resource for the United States.

In a world of increasing competition and rapid technological change, philanthropy provides the key to unlocking a better, more sustainable future for the nation and the world — and the power to make a difference.

The Path Forward

Georgia Tech has traveled breathtaking distances in a very short time. It is a highly ranked international research university, an incubator for innovation and economic growth, and a leader in engineering and technology, producing well-rounded graduates who go on to make an extraordinary mark on the world.

Today, it is forging a bold path forward. That path leads to a future in which Georgia Tech is known for its diverse, world-class students and faculty; for its innovative research and teaching; for being the institution that top decision-makers turn to in solving major problems; and for having the intellectual agility and vision not merely to face the future, but also to design it.

Georgia Tech is ready to accomplish all of this, and more, with the support and engagement of alumni, parents, friends, and all who share a passion for great ideas, courageous thinking, and the desire to shape the world to come.
Gifts to Campaign Georgia Tech may be in the form of cash, securities, real estate, or personal property. In addition to outright gifts, donors are encouraged to consider multi-year pledges, generally over a five-year period, as well as planned gifts. Certain forms of planned gifts may not be applicable to meet immediate capital construction requirements.

Donors may participate through various life income agreements including charitable remainder trusts and charitable gift annuities. Charitable lead trusts, paying income to the Georgia Tech Foundation for a specified term of years, may be credited. Testamentary gifts in the form of documented bequest provisions and life insurance may also qualify for Campaign participation depending on the age(s) of the donor(s) or the insured. Certain deferred gifts may be discounted to present value in accordance with Campaign accounting guidelines.

All qualifying gifts and commitments to Georgia Tech and its associated foundation made between July 2004 and December 2015 are included in the Campaign. Gifts are deductible to the extent provided by law, and are subject to acceptance of the Institute or its associated foundation. Interested donors are encouraged to consult with their personal legal and financial advisors when contemplating a gift.

For more information about the Campaign or the form of a gift, please contact:

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