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, Erskine Love, Charlie Yates, Ivan Allen, Pete Silas, Al West—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 
Zvi Galil

Computing is everywhere. It is woven into every facet of life in the twenty-first century—and everything we do at Georgia Tech. In only two decades, the College of Computing has evolved into one of the nation’s elite programs. Our size and interdisciplinary breadth make us not only unique, but also the home of truly groundbreaking research and education.

We have accomplished a great deal in a short time, but our aspirations are even greater. We want to lead the transformation of U.S. computing education, ensuring that tomorrow’s computer science graduates build careers with endless possibilities. We want to direct agenda-setting research for the country and the world, focusing on critical growth areas such as robotics, cyber security, and high-performance computing. And we want to strengthen and engage our global College community, fostering a lifelong sense of pride and passion for “who we are” and “what we do” that extends well beyond campus.

There is still much work to do. We must recruit faculty members who are at the very top of their fields—the superstars and rising superstars who will enable us to join a handful of the most preeminent programs in the nation that are shaping the computing curriculum and research agenda of the future. Endowed chairs are key to attracting and retaining preeminent faculty. And, to truly achieve greatness, we must continue drawing the brightest, most talented students through graduate fellowships, undergraduate scholarships, and international internships and scholarships.

Thanks to the generosity of our alumni, corporations, foundations, and friends, we are proud to feature the Christopher W. Klaus Advanced Computing Building as our signature facility and the state-of-the-art arena for our progress. We are now planning for the renovation and expansion of the original College of Computing Building to raise it to the same cutting-edge standard.

This is our opportunity to join the ranks of the truly elite and to capitalize on our potential. I hope that you will be inspired to join us in this extraordinary undertaking.

Sincerely,

Zvi Galil
John P. Imlay Jr. Dean of Computing
Professor Richard J. Lipton in the School of Computer Science holds the Frederick G. Storey Chair in Computing and is a member of the National Academy of Engineering. He is one of the nation’s top researchers and a pioneer in computation theory, with practical applications in cryptography, software engineering, DNA computing, and computational nanotechnology. The recruitment and retention of preeminent teacher-scholar-practitioners is essential to propelling the College into the top tier of computing programs in the nation.
Extraordinary Leadership

In a few short decades, the College of Computing has evolved from a degree program to a School, and now to a top-ten College featuring the Schools of Computer Science, Computational Science and Engineering, and Interactive Computing.

From the beginning, strong leadership and bold thinking have set the College apart from its peers—from curricular innovations such as the Threads™ program, which redefined undergraduate computer science education, to groundbreaking research in emerging arenas such as robotics, digital media, cyber security, and humanitarian computing.

Today, the College is poised to take the next step, building upon the success of the past twenty years to reach new heights in interdisciplinary research, innovation, education, and entrepreneurship. With the support of alumni, friends, foundations, and corporations, the College of Computing’s greatest aspirations can be achieved.

The Best Minds

The key to the College of Computing’s continued growth into a top-five program is the faculty. To be recognized as one of the most exceptional computing colleges in the nation, the College must be able to recruit and retain preeminent academic leaders at every level—nothing less than the very best minds in computing.

A world-class faculty drives success, and increasing the number of endowed chairs and professorships for senior scholars will significantly enhance the College’s ability to attract the most talented academic leaders in the country. It will also enable the College to retain its most promising early and mid-career professors.

Strengthening the faculty in important fields within computing makes it possible for the College to initiate new directions. Experts in robotics, high-performance computing, software engineering, and modeling and simulation will lift the College of Computing to new heights and establish it as a globally recognized leader defining the discipline.
The Brightest Stars

The College has already revolutionized computing education through its Threads® curriculum. Threads combines computer science instruction with courses related to particular areas of application. By having students engage with disciplines such as public policy, civil engineering, industrial design, and biomedicine, the College equips them for success in real-world computing.

International experiences also prepare students for success in a highly technological, global society. From dual master’s degree programs to undergraduate study abroad programs, the College of Computing is committed to providing transformative opportunities in classrooms and campuses across the globe.

To make these opportunities accessible to the most talented and deserving students, private support for undergraduate scholarships, graduate fellowships, and international study is crucial. Philanthropy enables the College to attract the highest-caliber students and the brightest stars, and enhances access to those who might otherwise lack the resources to attend Georgia Tech.

Interdisciplinary Innovation

With computing established as an integral part of twenty-first-century life, the College has a vital role to play in meeting complex challenges through interdisciplinary innovation. Collaboration across disciplines in the pursuit of real-world solutions is foundational to the College of Computing’s vision for advancing the field:

- **GVU** is a research center that draws upon the knowledge and expertise of scholars from all six of Georgia Tech’s Colleges to explore the relationships between computing, technology, and human behavior in such areas as educational technologies, human-computer interaction, ubiquitous and wearable computing, gaming, and information visualization.

- The **Center for Robotics and Intelligent Machines (RIM@GT)** brings together researchers from Computing, Engineering, and the Georgia Tech Research Institute in such areas as artificial intelligence, behavior-based robotics, emergency response robotics, human-robot interaction, autonomous and mobile robotics, and more.

“When Georgia Tech was bold and smart enough to create a College of Computing, I looked upon it as one of the best start-ups in which I could invest. They have and will continue to deliver a great return on investment measured by the quality of their faculty and students, and the impact of their research.”

*John P. Imlay Jr., IM 1959*

Top photo: For nearly two decades, Professor Mark Guzdial (above, left) in the School of Interactive Computing has been a leader in the field of computing education. His research team is made up of faculty and graduate and undergraduate students who work on the design and implementation of innovative technology to help improve learning.

Bottom photo: Undergraduate and graduate students are part of one interdisciplinary research team that is tackling problems in computational molecular biology. Their work is an effort to understand RNA viral genomes and how they affect the functioning of viruses, to advance disease detection and treatment and save lives.
Henrik Christensen is a Distinguished Professor of Computing who holds the KUKA Chair in Robotics. He also serves as the director of the Center for Robotics and Intelligent Machines at Georgia Tech. Christensen is an internationally renowned innovator in developing a systems approach to robotics. From mapping and design of mobile robot systems to cognitive robotics and sensor-based manipulation, his research is leading to real-world applications in transportation, manufacturing, homeland security, and healthcare. As a leader within the Computing Community Consortium, Christensen is playing a key role in establishing a national initiative to address the nation’s need for dramatically enhanced research in robotics technology.
Christopher W. Klaus, Class of 1996, is the founder of Internet Security Systems and, more recently, the founder and chief executive officer of Kaneva, a social networking and gaming site. His visionary philanthropy made it possible for the College to catapult into the upper ranks of computing programs in the nation by supporting the construction of a state-of-the-art building, utilizing advanced infrastructure and technology that enable life-changing research and education to flourish.
The Georgia Tech Information Security Center applies a user-centric approach to basic and applied cyber security research, developing new ways to address ongoing challenges and emerging cyber security threats.

The Center for 21st Century Universities is a living laboratory for fundamental change in higher education, with a mission to foster and accelerate the invention, validation, adoption, and deployment of disruptive ideas. As higher education’s answer to the Silicon Valley “garage” concept, C21U offers the opportunity to test new modes of delivery with real students, validate new curriculum approaches in the marketplace, and understand what it takes for new ideas to succeed. C21U is where real innovation in higher education can take place.

In the School of Computer Science, Assistant Professor Nick Feamster’s (standing, center) research focuses on network security. He received the Presidential Early Career Award for Scientists and Engineers for his contributions to improving cyber security and spam filtering.

Rich A. DeMillo is a Distinguished Professor of Computing and the director of the Center for 21st Century Universities, a multidisciplinary center based in the College of Computing that focuses on the impact of new technologies such as social networking and innovations such as open courseware on higher education. In 2011, he published Abelard to Apple: The Fate of American Colleges and Universities. His expertise and passion for education are indispensable to Georgia Tech’s efforts to define the technological research university of the twenty-first century.

Blair MacIntyre is associate professor in the School of Interactive Computing and director of the Augmented Environments Lab, whose research focuses on the design and implementation of interactive mixed-reality and augmented-reality environments. He has a particular interest in the design of prototype applications in education and gaming, and has recently partnered with Qualcomm to establish the Qualcomm Augmented Reality Game Studio, a research and design center that is advancing mobile gaming and interactive media.

A Defining Advantage

Facilities are the foundations of greatness. They provide the spaces and the tools that generate new ideas and turn them into reality. The College of Computing has a defining advantage over its peers with the Klaus Advanced Computing Building, which houses some of the most advanced computing labs and innovative technology in the world, and is designed specifically to support collaboration and entrepreneurship.

As the College continues to grow, so does its need for the best facilities. The Klaus Advanced Computing Building is at full capacity, while the original Computing Building is in urgent need of renovation. Bringing its instructional labs, classrooms, research centers, and collaborative spaces up to the same technologically sophisticated standard as the Klaus Building is crucial to the College’s future.

A top-tier computing program cannot exist without the facilities and equipment that make innovation and leadership possible. Private philanthropy is the key to strengthening the College’s preeminence in research, education, and economic advances.
New Directions

Compared to other fields of research and study, computing is still emerging and rapidly growing, shaping and reshaping global industries and transforming society and culture every day. For the Georgia Tech College of Computing, the mission ahead is to harness this momentum and lead the charge in creating the next breakthroughs in computing research and educating the future leaders of the field.

Staying on the cutting edge of technological education and research requires a significant investment. The support of individuals and corporations has never been more important to the College of Computing’s ability to continuously conceive new directions in computing and produce the people and the ideas that will change the world.

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.

Jasmine Lawrence, CS 2012, is a successful entrepreneur and talented undergraduate pursuing research in robotics and artificial intelligence. She has worked in the lab of Assistant Professor Andrea Thomaz, creator of the robot Simon, who was designed around interaction with humans. Lawrence is one of many bright students in the College of Computing who will become tomorrow’s trailblazers.

Daniel Hooper, CM 2012, is an accomplished video game designer whose puzzle game, Percepto, was selected as Apple’s Game of the Week in dozens of countries worldwide.
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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