



**Georgia Institute
of Technology**

DEAN OF ENGINEERING

The Georgia Institute of Technology invites applications and nominations for the position of the dean of the College of Engineering. The selected individual will also hold the Southern Company Dean's Chair. The new dean will lead the Institute's largest academic unit and one of the nation's top-ranked colleges of engineering. For the past several years, Georgia Tech's College of Engineering has granted more total degrees in engineering than any other college of engineering in the country. It also has granted the largest number of degrees to women engineers and the largest number of graduate degrees to African-American engineers. The fall 2016 enrollment of 13,365 engineering majors — 9,306 undergraduates and 4,059 graduate students — constitutes 50 percent of the nearly 27,000 students attending Georgia Tech and makes the College the largest on campus. The College of Engineering granted 2,141 bachelor's, 1,227 master's, and 346 Ph.D. degrees in the 2015-2016 academic year.

The College of Engineering consists of the Schools of Aerospace Engineering, Biomedical Engineering (joint with Emory University), Chemical and Biomolecular Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Industrial and Systems Engineering, Materials Science and Engineering, and Mechanical Engineering. The College offers undergraduate and graduate degrees in 29 different disciplines, including the recently introduced Online Master's in Analytics, Georgia Tech's second exclusively online graduate degree. In addition, the College hosts a nationally visible maker space community, which supports student innovation via the Invention Studio and Inventure Prize. Executing nearly \$200 million in research a year, the College has about 450 tenured or tenure-track faculty members, including 25 members of the National Academy of Engineering and about 390 research faculty, and 540 support staff.

Having long recognized that interdisciplinary research is a key component of the continual growth of the College, engineering faculty and students are leading and engaging in a number of interdisciplinary activities with sciences, computing, liberal arts, business, design, and the Georgia Tech Research Institute, as well as a number of major initiatives with partner institutions such as the Emory University School of Medicine. International programs have become an important focus of the College, including the development of research and education programs at Georgia Tech-Lorraine, Shenzhen, Beijing, Singapore, Panama, and Costa Rica.

As chief academic and administrative officer of the College of Engineering, the dean is responsible for providing leadership for the following specific activities:

- **Leadership and Strategic Planning:** These responsibilities include directing and overseeing programs of the College as well as developing strategic directions of the College in concert with the Georgia Tech Strategic Plan. The dean articulates long-range vision, specific strategies, and detailed administrative and fiscal provisions to ensure the excellence of the College faculty as well as teaching and research programs. In exercising this planning leadership, the dean works closely with the Institute's senior officers and with other deans on multidisciplinary hiring, and on research and teaching programs. A commitment to promoting the Institute as a whole and participative management and open decision-making are important components of the position. The dean is expected to be a leader regionally,

nationally, and internationally and represent Georgia Tech and the College throughout the world.

- Academic Programs and Faculty: The dean is responsible for ensuring educational quality and pursuing excellence and innovation in education, in and out of the residential classroom setting, and for securing the highest quality student body. Further, the dean oversees the recruitment, appointment, reappointment, promotion, and tenure of faculty in the College. The dean works through the established appointment, promotion, and tenure process of the Institute and is responsible for ensuring the integrity of the process. The dean works with faculty in the context of long-range plans to develop annual recruiting plans for the College of Engineering with the approval of the provost. The dean is responsible for ensuring that the Institute's objectives with respect to the excellence and diversity of the faculty are met and exceeded.
- Budgetary and Administrative Oversight: The dean is responsible for all aspects of the College's budget consistent with the Institute's financial guidelines. The dean is expected to work closely and collaboratively with the Office of the Provost in developing the budget for graduate and undergraduate programs. In addition, the dean is responsible for supervising chairs of College of Engineering schools, associate/assistant deans, and staff, as well as working with the faculty to facilitate extramurally funded research to support faculty research activities and graduate training.

In addition to budgetary oversight, other principal areas of administrative responsibility include: the allocation of academic facilities, planning for future academic and research facilities' needs, responsibility for non-faculty staffing decisions within the context of Institute-wide policies and procedures, and the initiation and development of collaborative teaching and research programs with Georgia Tech's other schools, colleges, and divisions, as well as with other institutions of higher education. Finally, the dean is responsible for the establishment of effective internal controls within the College.

- Stewardship and Development: The dean has primary responsibility for articulating the philanthropic aspirations of the College in conjunction with the long-range plans of the College and the Institute. The dean works collaboratively with the president's leadership team and other academic leaders across campus in planning university wide, as well as College specific, fundraising priorities and goals. The dean engages proactively with Institute development staff in executing those plans, including, but not limited to, the College of Engineering's school chairs, development team, and volunteer advisory boards. In addition, the dean plays a critical role in ensuring that donor funds are well stewarded, advancing needs within the College, as well as in accordance with donor expectations — and communicated fully and in a timely manner in accordance with Office of Development policies and procedures.
- Multidisciplinary Partnerships: The dean is responsible for managing the College's engagement in cross-campus, multidisciplinary partnerships that significantly increase opportunities for true innovation in a range of fields. The College's depth of expertise and celebrated research centers allow graduates to gain broad skill sets that can be applied to any industry and complement any professional interest. By blending research with education in a variety of disciplines, the College is leading this interdisciplinary effort in order to meet the challenges of the future.

CANDIDATE PROFILE

In sum, the ideal candidate will be an intellectual leader among faculty and among peers nationally and globally, a strong advocate for the teaching and research mission of the College, a preeminent university citizen, and an energetic and conscientious administrator, familiar with issues in higher education, engineering, science, and technology. The ideal candidate:

- Has an outstanding record of scholarly achievement and an international reputation in the broader engineering community, appropriate for appointment as full professor in one of the schools in the College;
- Will inspire faculty and students with diverse interests in the future of engineering in society, locally to globally;
- Has a demonstrated ability to build multidisciplinary programs as well as an internationally focused educational experience for students and is committed to developing partnerships around the world;
- Is a seasoned administrator and diplomat with strong team-building skills and a demonstrated success in the oversight of higher education budgeting and fiscal management;
- Has a charismatic communication style and the ability to interact effectively with broad constituents and audiences;
- Is committed to implementing the Institute's strategic plan, while contributing fresh insight to the Institute's aspirations; and
- Has proven success in promoting and building a diverse community, and shares Georgia Tech's commitment to equity and inclusion of under-represented groups on campus and in the engineering workforce.

The Georgia Institute of Technology is situated on an attractive campus in the heart of Atlanta, a diverse and vibrant city with great economic and cultural strengths. The Institute is a member of the University System of Georgia, the Georgia Research Alliance, and the Association of American Universities. The College of Engineering is the premier public engineering college in the state.

Application materials should be submitted at <https://goo.gl/R6UnZz>

For more information, please consult the search website at www.provost.gatech.edu/dean-engineering. While applications and nominations will be received until the dean is selected, **interested parties are encouraged to respond by April 30, 2017**, to assure optimal consideration. All inquiries and correspondence should be directed in confidence to the search committee chair:

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The Georgia Institute of Technology is an equal opportunity/affirmative action employer.