



**Georgia Institute
of Technology**

DEAN of Sciences

The Georgia Institute of Technology invites applications and nominations for the position of dean of the College of Sciences. The selected individual will also hold the Betsy Middleton and John Clark Sutherland Chair.

The College of Sciences consists of the Schools of Biological Sciences, Chemistry and Biochemistry, Earth and Atmospheric Sciences, Mathematics, Physics, and Psychology. The College offers undergraduate and graduate degrees in these disciplines and collaborates with other Georgia Tech colleges on graduate degrees in Bioinformatics, Quantitative and Computational Finance, and Human and Computer Interaction. The College has about 230 tenured or tenure-track faculty members, 70 teaching faculty, 215 research faculty, and 155 support staff executing \$65.7 million in research this year.

Georgia Tech's current fall 2018 enrollment is nearly 33,000 students, split about evenly between graduate and undergraduate students. The College of Sciences enrollment includes 1,592 undergraduates and 893 graduate students. In the 2017-2018 academic year, the College of Sciences granted 251 bachelor's, 153 master's, and 108 Ph.D. degrees.

The College of Sciences is one of six colleges at Georgia Tech, all home to highly ranked programs. The College's mission is central to the institute's future, and it collaborates closely with one of the top-ranked and largest College of Engineering in the nation. Interdisciplinary efforts are encouraged and also exist with the other colleges: the College of Computing, the Ernest Scheller Jr. College of Business, the Ivan Allen College of Liberal Arts, and the College of Design. In addition, there are ongoing efforts and program collaborations are encouraged with the Georgia Tech Research Institute (GTRI) and Georgia Tech Professional Education (GTPE). GTRI is an organization with nearly \$450 million in research per year and 1,800 research faculty and staff. Beyond these internal collaborations, Georgia Tech units, and specifically the College of Sciences, have a long history and commitment to the community to support and advance STEM education in the K-12 sector.

Having long recognized that interdisciplinary research is a key component of the continual growth of the College, sciences faculty and students are leading and engaging in a number of interdisciplinary activities with computing, engineering, liberal arts, business, design, and the Georgia Tech Research Institute.

As chief academic and administrative officer of the College of Sciences, 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 Georgia Tech's Strategic Plan. The dean is part of the top academic leadership of the Institute and should always work with the Institute's well-being at heart. The dean articulates long-range vision, specific strategies, and detailed administrative and fiscal provisions to ensure the excellence of the College faculty, teaching, and research programs, and a culture of diversity and inclusion. In exercising this 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, Students, 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 Sciences 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 students and 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 the College's 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. The dean is responsible for the budgetary discipline within the College.

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 in order to ensure ethical behavior at all times.

- 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'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: Georgia Tech takes pride in its ability to work collegially and collaboratively across disciplines. 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, particularly issues dealing with technology, engineering, and science. The ideal candidate:

- Has proven success in promoting and building a diverse community, and shares Georgia Tech's commitment to diversity, equity, and inclusion of under-represented groups on campus and in the technology workforce.
- Has an outstanding record of scholarly achievement and an international reputation in the broader sciences 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 technology 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; and
- Is uncompromising when it comes to ethical and moral standards;
- Is committed to implementing the Institute's strategic plan, while contributing fresh insight to the Institute's aspirations.

Georgia Tech is a top-ranked public research university situated 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. Georgia Tech prides itself on its technology resources, collaborations, high-quality student body, and its commitment to diversity, equity, and inclusion.

Georgia Tech is an equal education/employment opportunity institution dedicated to building a diverse community. We strongly encourage applications from women, underrepresented minorities, individuals with disabilities, and veterans. Georgia Tech has policies to promote a healthy work-life balance and is aware that attracting faculty may require meeting the needs of two careers.

Application materials, including a CV and an optional letter of interest, should be submitted at
<https://bit.ly/2MZvxmq>

For more information, please consult the search website at
www.provost.gatech.edu/dean-sciences.

While applications and nominations will be received until the dean is selected, **interested parties are encouraged to respond by November 21, 2018**, to ensure optimal consideration.

All inquiries and correspondence should be directed in confidence to the search committee chair:

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