

CREATING THE NEXT 2018

Institute Address

August 30, 2018

G.P. “Bud” Peterson, President

Georgia Institute of Technology



Introduction of New Leadership

- **Chaouki Abdallah**, EVP for Research
- **Jim Fortner**, Interim EVP for Administration and Finance
- **Aisha Oliver-Staley**, Interim VP for Ethics, Compliance & Legal Affairs
- **Lora Weiss**, Interim Senior VP & Director of GTRI



Georgia Tech has been in the news -

and it hasn't been good.

I have been embarrassed, and so have our faculty, staff, students, and alumni.

As President, this is my responsibility, and we are taking steps to correct it.

I know that we can and that we will!



AJC

News Politics County by County Things to do Life Sports More

72°

Hi, ge



Torpy at Large: Georgia Tech's long, hard road to finding ethics

NEWS CENTER

CALENDAR CATEGORIES MEDIA CONTACTS EXPERTS DAILY DIGEST THE WHISTLE

campus and community

Tech Releases Reports Documenting Conflicts of Interest, Ethics Concerns

By Institute Communications | JULY 26, 2018 • ATLANTA, GA



© DOWNLOAD IMAGE

The following reports concern the results of special reviews conducted by the University System of Georgia and Tech's internal auditor.

Aug. 20 update: President Peterson has posted his response to Chancellor Steve Wrigley detailing progress toward the recommendations from the special reviews.

RELATED LINKS

[University System Review of Conflict of Interest](#)

[Internal Review of Employee Activities in Campus Services](#)

[University System Review of GTRI Policies](#)

[Response on Recommendations from Special Reviews](#)

Strengthening our Focus on Ethics and Compliance

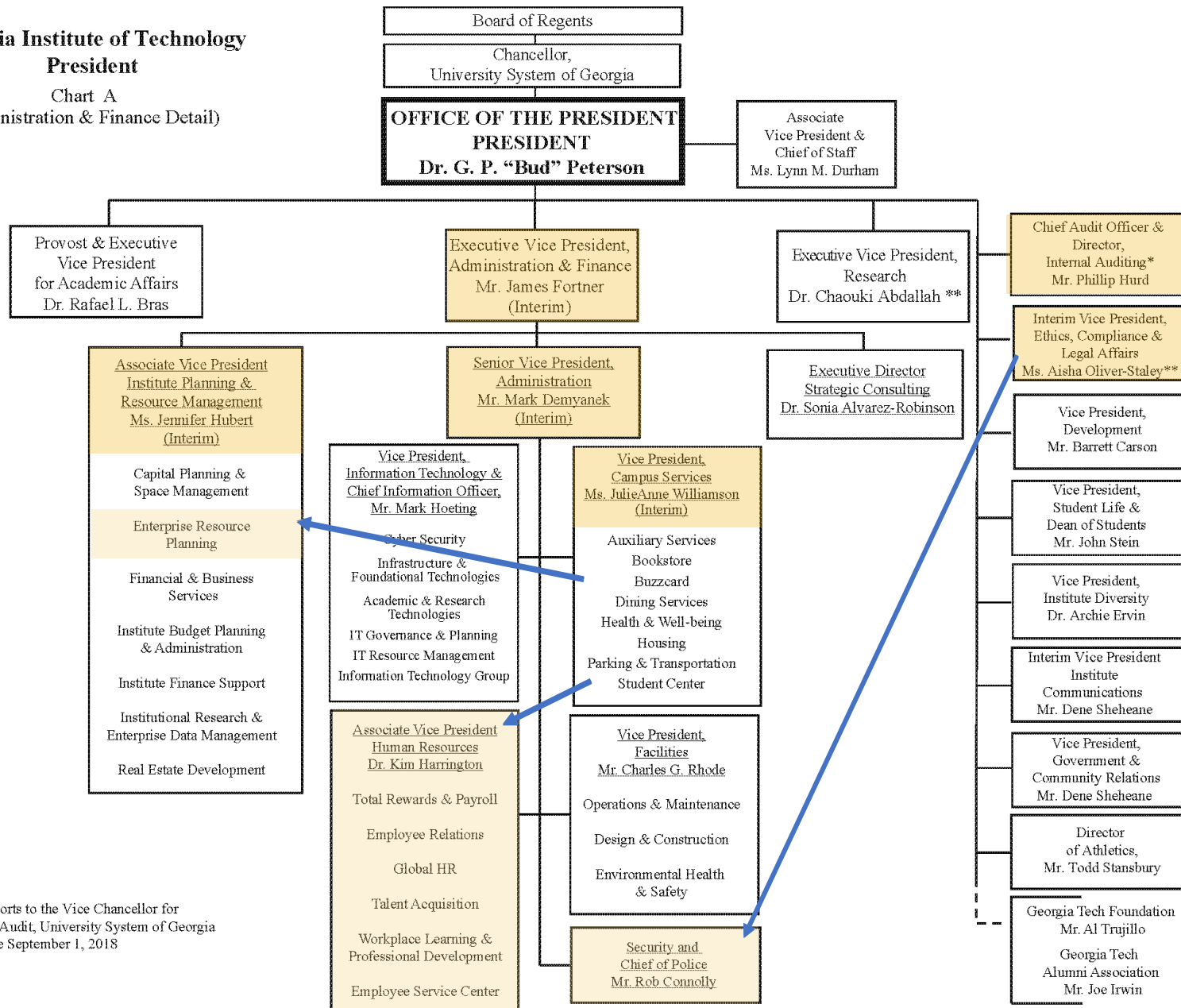
- Recent events have revealed a number of issues.
- Immediate action:
 - Personnel decisions
 - Organizational changes
 - Additional safeguards
 - Aligning processes throughout the Institute
- Ongoing:
 - Increased Training
 - Enhanced Communication
 - Making an ethical culture a priority throughout the organization
 - Leadership Focus vital to success
 - Restoring the public trust



Organizational Changes -

Georgia Institute of Technology President

Chart A
(Administration & Finance Detail)



* Also reports to the Vice Chancellor for Internal Audit, University System of Georgia
** Effective September 1, 2018

Actions Taken or Underway

Reviewed and discussed the recommendations from the 3 audit reports and the Chancellor's memo at the Leadership Convocation two weeks ago – Report is online.

1. Elevated and centralized the role of an ethics officer on campus.
 - Chief audit executive now reports to president.
 - Expanded the role of the VP for Legal Affairs and Risk Management to become VP for Ethics, Compliance and Risk Management.
2. Reminded Georgia Tech leadership on the binding nature of legal advice from the Office of Legal Affairs.
3. Separated duties for operations to ensure that no VP will control the entire procurement process with the ability to override legal or relevant advice from other units.
4. Substantively revised several policies to ensure they are fully consistent with Georgia Tech and University System guidelines.
5. Working with Univ. of North Georgia's BB&T Center for Ethical Leadership on Ethical Culture Indicator survey in early fall.
6. Highlighting and focusing on individual and collective responsibilities during USG Ethics Awareness Week, Nov. 11-17, 2018.
 - Campus team formed to plan weeklong activities.
 - Opportunities for robust discussions/events for faculty, staff, and students.

Most Importantly – It is up to us.



As an Institute we must:

- **Model ethical behavior in everything we do.**
- **Identify and correct lapses or issues when and where we see them, and do so promptly.**
- **Create a culture of ethical responsibility, a responsibility that transcends position, title and role at the Institute.**
- **Work to regain the “Public Trust.”**

As an institution of higher education supported by the state, it is imperative that we — both as individuals and collectively — act ethically, deal with issues openly and honestly, and never do anything to erode the public trust that we have been granted.

People, Programs and Platforms

People

- Outstanding Students, Faculty & Staff



Programs

- Putting a Georgia Tech education within reach of qualified students
- Creating and expanding outstanding programs
- Innovation in Education



Platforms

- New and renovated facilities



Students: 2008 vs. 2018

Undergraduate Applications

10,150 | 35,600

Percent Admits

61% | 23%

Total Enrollment

19,400 | 32,500

Women in First-Year Class

32% | 40%

Graduate Applications

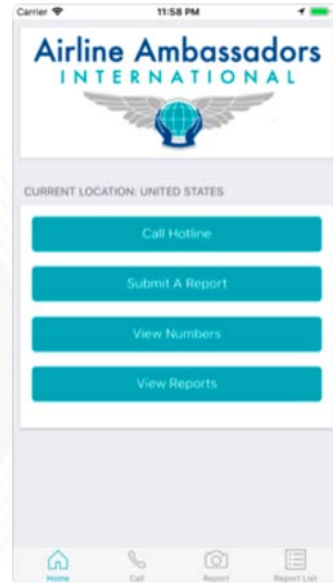
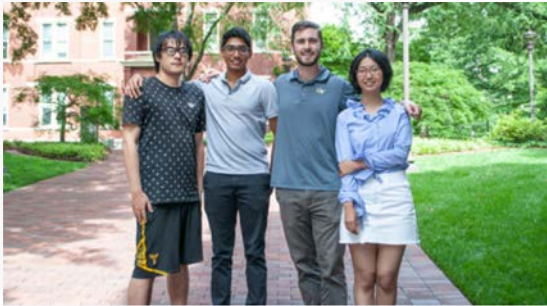
2008 vs. 2018

10,500 | 19,700



- 97% will return for their 2nd year
- 52% will study or work abroad
- 40% will co-op or intern
- 40% will study a foreign language

Students: In Summer 2018 . . .



- Enhanced app for airline employees to report suspected human trafficking
- Drove their solar-powered vehicle on 1,700-mile race along the path of the Oregon Trail
- Were finalists in Boeing “GoFly” competition
- Did international service projects:
 - Vietnam – treating children in a mobile clinic
 - Belize – building a clinic
 - Kenya – conducting energy and clean-water needs assessment

Students: 450 Student-Athletes

Highest NCAA Graduation Success Rate 5 years running – 88% this past year

Placed 201 student-athletes on the 2017-18 ACC Academic Honor Roll

Adidas contract – new uniforms

New Football Locker Room



Faculty: 2008 vs. 2018

Tenured/Tenure-Track Faculty

954 | 1056

Number of Research Awards

2,591 | 3,871

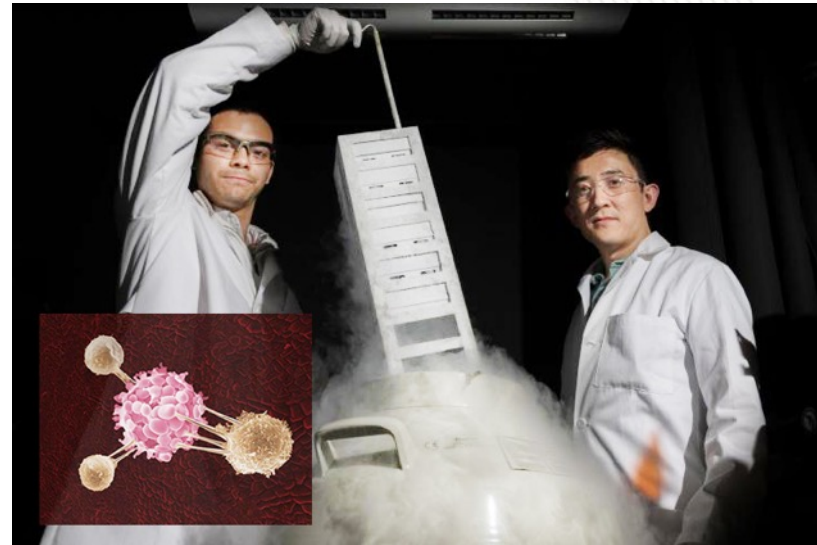
Total Research Awards in Dollars

>\$445M | >\$854M

Value, New Industry Sponsored Awards

\$70M | \$111M

Collaboration: 1,000 of our active research projects list co-PIs; 500 of our active research projects are with other universities and research institutes



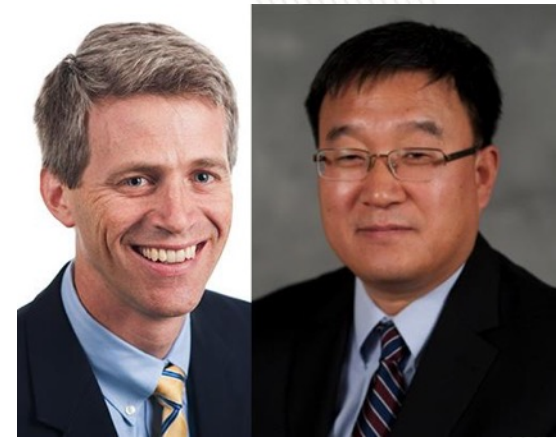
Faculty: Nationally Recognized

AAAS 2017 Fellows:

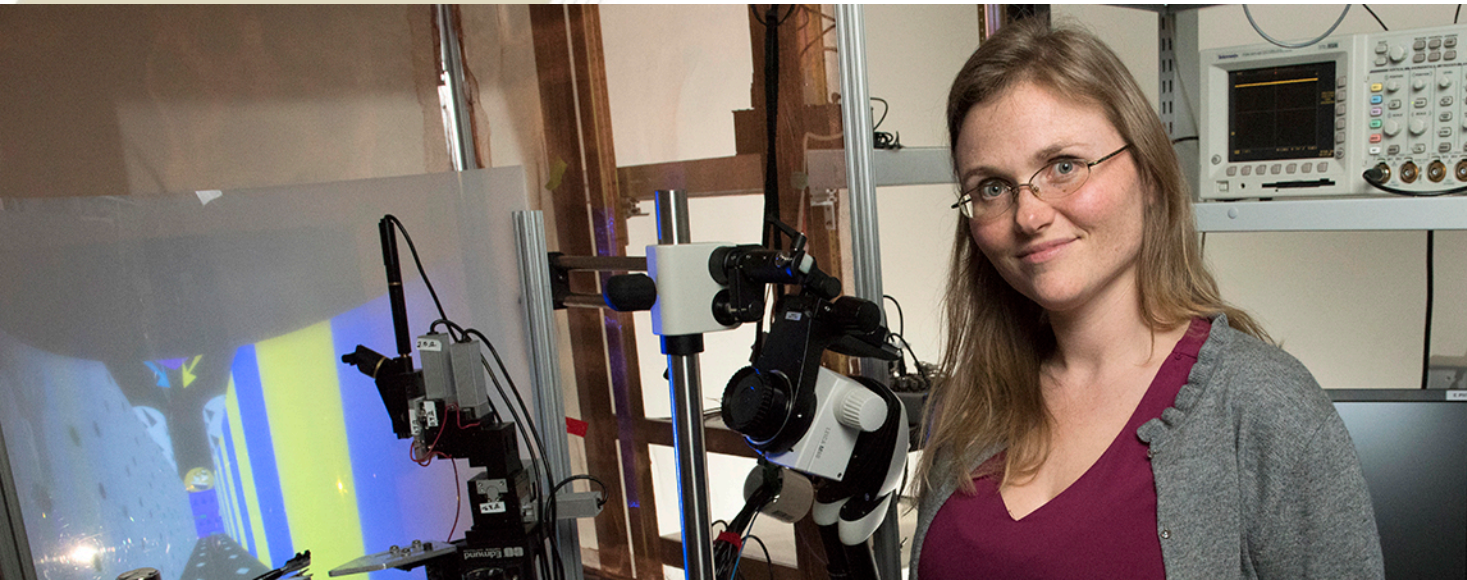
Baratunde Cola, ME, known for engineering the first-ever optical rectenna, or rectifying antenna.

Mary Frank Fox, IAC, nationally recognized as a leader on issues of diversity, equity, and equity in science.

Joshua Weitz, Biological Sciences and director of the Interdisciplinary Graduate Program in Quantitative Biosciences, uses models to predict the effects of viruses on populations and on ecosystems



New NAE members
Tim Lieuwen and
Jianjun (Jan) Shi



Annabelle Singer, BME,
2017 Packard
Fellowship for
Science and
Engineering

Staff: Donald “DJ” Jordan



Fourth generation
landscaper



Programs: Increase Accessibility



Focus on merit and need-based scholarship resources in our Initiative 2020, with a \$150M goal.

- G. Wayne Clough Georgia Tech Promise
- REACH Program
- APS Scholars Program
- Georgia Tech Scholars introduced last fall



Programs: Research – Cybersecurity

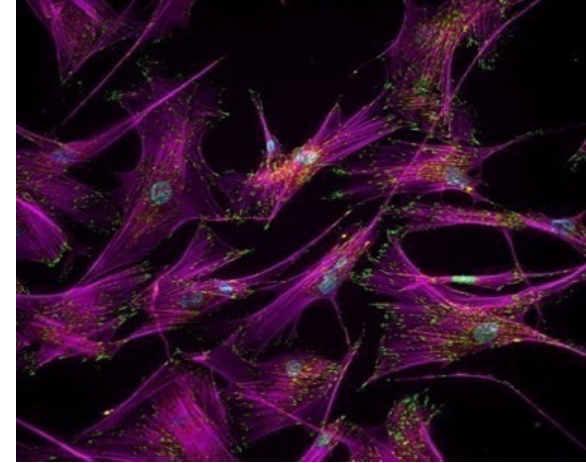
- **20+** years of cybersecurity support
- **7** units engaged
- **13** cybersecurity-related labs and centers
- **600+** cybersecurity researchers
 - Example: GTRI and ECE are working to advance the science behind new attribution techniques
- **\$144M** in cybersecurity research in FY18
- **100** malware samples analyzed daily for industry and government partners



Programs:

NSF ERC – Cell Based Manufacturing

- NSF awarded \$20M to consortium led by Georgia Tech – Phase II (\$20M)
- Builds on Marcus Grant (\$16M)
- State of Georgia support (\$20M)
- Industry support (\$25M)
- Partnering with UGA, Augusta University, Technical College System of Georgia, University of Wisconsin-Madison, University of Puerto Rico, etc.
- Total investment ~ \$100M



Programs (CNE): Commission on Creating the Next in Education



To thrive in the future, we must provide alternative educational models that simultaneously

- reduce costs,
- improve the effectiveness of our current methodologies,
- meet the needs of workforce development,
- increase the opportunities and accessibility to learners for their lifetime.

CNE: Deliberate Innovation, Lifetime Education



The Georgia Tech
Commitment to
Lifetime Education



The Initiatives –

- Whole Person Education
- New Products and Services
- Advising for a New Era
- AI and Personalization
- Distributed Worldwide Presence



The Culture –
Becoming Deliberately
Innovative

Read the report:
gatech.edu/ed-innovation

Programs: Enterprise Transformation

The Enterprise Transformation portfolio is building “The Next” platform of innovative solutions



Financial

Transforming Georgia Tech's legacy financial system to cloud-based Workday



HCM

Synergizing Georgia Tech's HR system with the USG One Connect Initiative



LITE

Providing trusted, consistent, and accurate data and reporting for campus

Platforms: Price Gilbert Library Renovation



Platforms: Kendeda Building for Innovative Sustainable Design

- Living Building Challenge 3.1 certified facility — only one in Southeast
- Leverage talent, knowledge, and resources to demonstrate what Georgia Tech thinks about building a more sustainable environment.
- Facilitated by a \$30M Gift from The Kendeda Fund



Platforms: Campus Safety, Eco-Commons

Campus Safety Facility



Dalney Street Parking Deck



**First phase of
Eco-Commons
implemented in
conjunction with EBB**

Platforms:

Tech Square – the Momentum Continues



CODA



Strategic Plan: Designing the Future

Living document has already helped guide:

- revised curricula
- new methods of teaching
- interdisciplinary research partnerships
- new living-learning communities
- global expansion
- innovation neighborhoods
- CREATE-X
- Areas for innovation such as the planned Weper Design Commons





A Path Forward — Together

- 3 action teams, 180 recommendations
- 55 objectives assigned to project leads, being acted upon and reported quarterly to Path Forward Together Advisory Group.
- Town Halls Sept. 4 (Student & Community Life)
Sept. 6 (Health & Well-being), Sept. 11 (Academics)
- The conversation is continuing, and we encourage you to be a part of it.
- Go to www.president.gatech.edu/path-forward-together for updates.

Our Commitment – Create a Safe and Inclusive Environment Focused on Support, Health and Well-being

Success stories:

- Intake center for mental health services (projected opening in January)
- Health and Well-being Advisory Council
- Hired new Counseling Center and Disability Center directors
- LGBTQIA Resource Center – Student Alumni Association gift of \$35K from 7,000 student donors
- Graduate Student Convocation



Path Forward Video



This year we have a chance to change the “Culture at Tech”

To change it to one:

- More focused on ethics and compliance
- More intent on creating a welcoming and inclusive environment,
and
- More concerned about the health and well-being of our community.



Thank you! Questions?

