



GTMI Strategic Planning

"The Committee will:

- 1) provide key *"operating characteristics and imperatives"* for the next version of the GTMI strategic plan,
- 2) help effectively *communicate the principles of GTMI strategic plan to the GTMI EAB at its November meeting and GTMI IAB, and*
- 3) receive *feedback from the EAB and IAB to modify the characteristics and imperatives, as necessary"*.

Dr. Ben Wang

Committee

- Rick Cowan (GTMI)
- Diana Hicks (IAB)
- Bill Kessler (Chair & EAB)
- Mike McGrath (EAB)
- Ben Wang (GTMI)
- Chip White (IAB)



Committee Report

- ➔ • Georgia Tech's Vision and Strategy
- GTMI Strategy and Operating Approach
- GTMI Strategy Execution
- Summary and Next Steps

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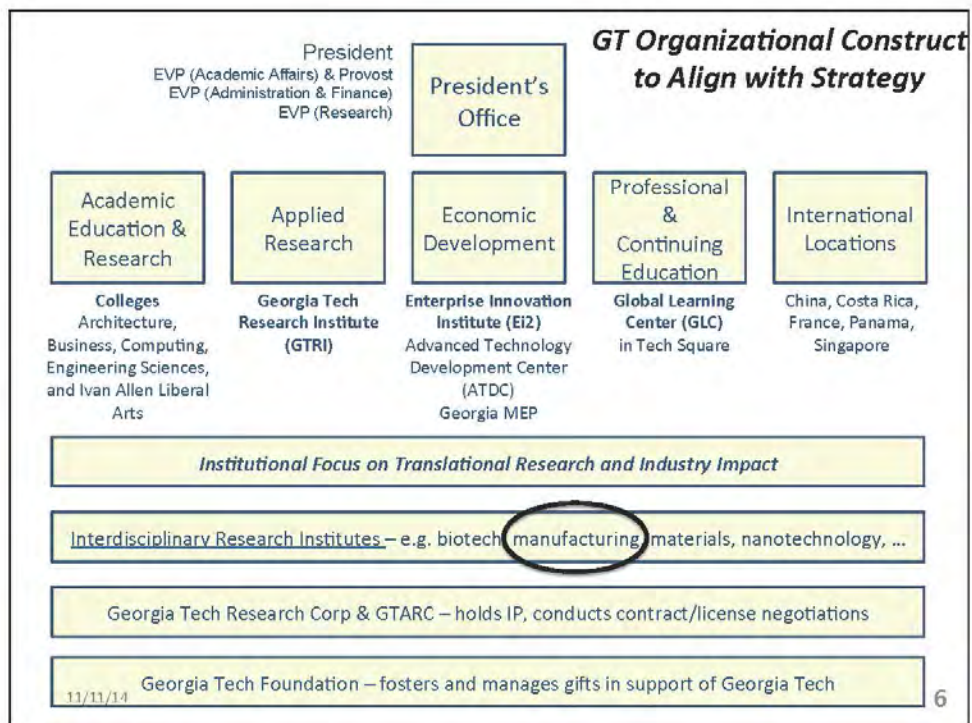
Georgia Tech's Vision

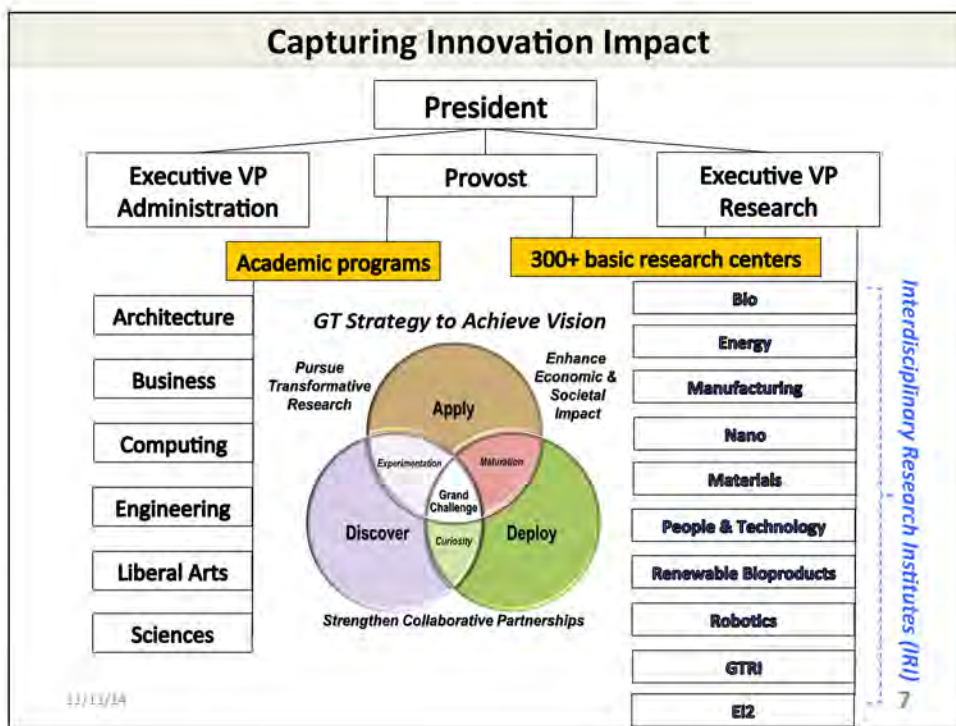
Georgia Tech will define the technological research university of the 21st century.

As a result, we will be leaders in influencing major technological, social, and policy decisions that address critical global challenges.

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GTMI Vision

GTMI will be the world's premier institution anticipating needs and providing solutions on the frontiers of manufacturing research, application, and deployment.

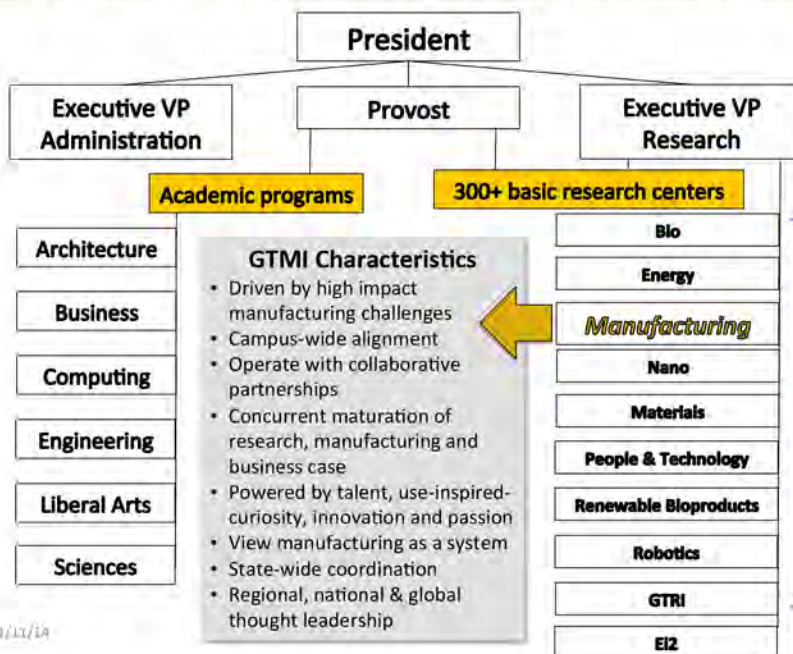
GTMI Mission

To pursue knowledge and skills that accelerate the translation of manufacturing-related research into high impact products and manufacturing systems

A Major Outcome

As a result, we will be leaders in major technological, social, and policy decisions that address critical manufacturing challenges.

GTMI's Mission-Driven Operating Characteristics

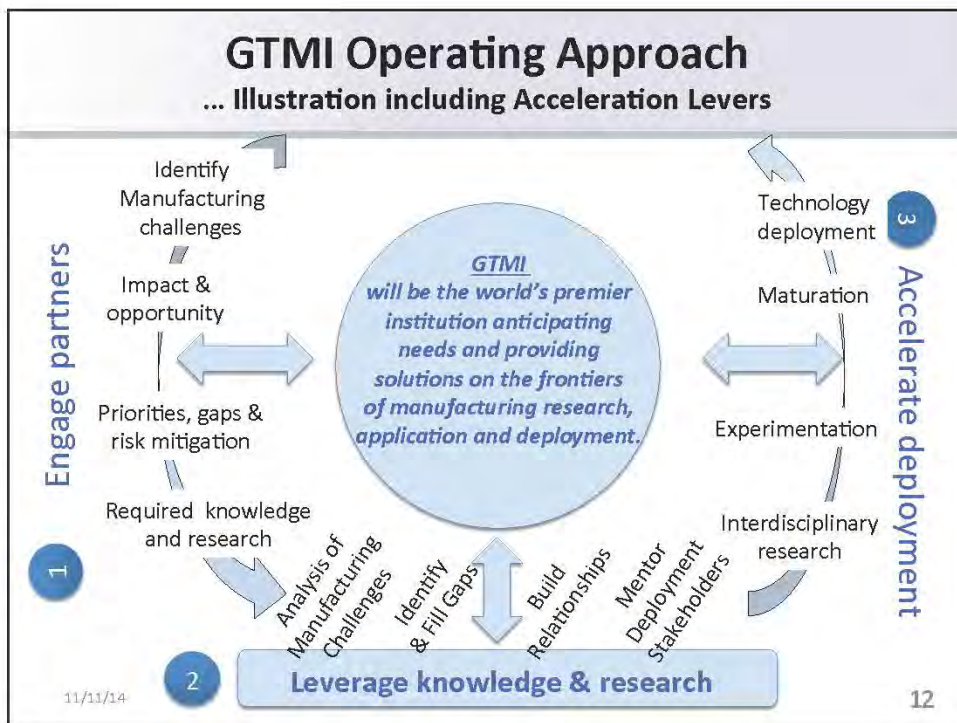


GTMI Strategic Imperatives

...Mission-Driven

- Engage partners to foster and sustain manufacturing capabilities networks aligned with opportunities to address high-impact manufacturing challenges.
- Leverage and champion Georgia Tech's tradition of excellence in across-campus manufacturing-related knowledge, basic research and interdisciplinary applied research.
- Accelerate application and deployment of manufacturing innovation by collaboratively, concurrently, and aggressively maturing technology, manufacturing and business case readiness.

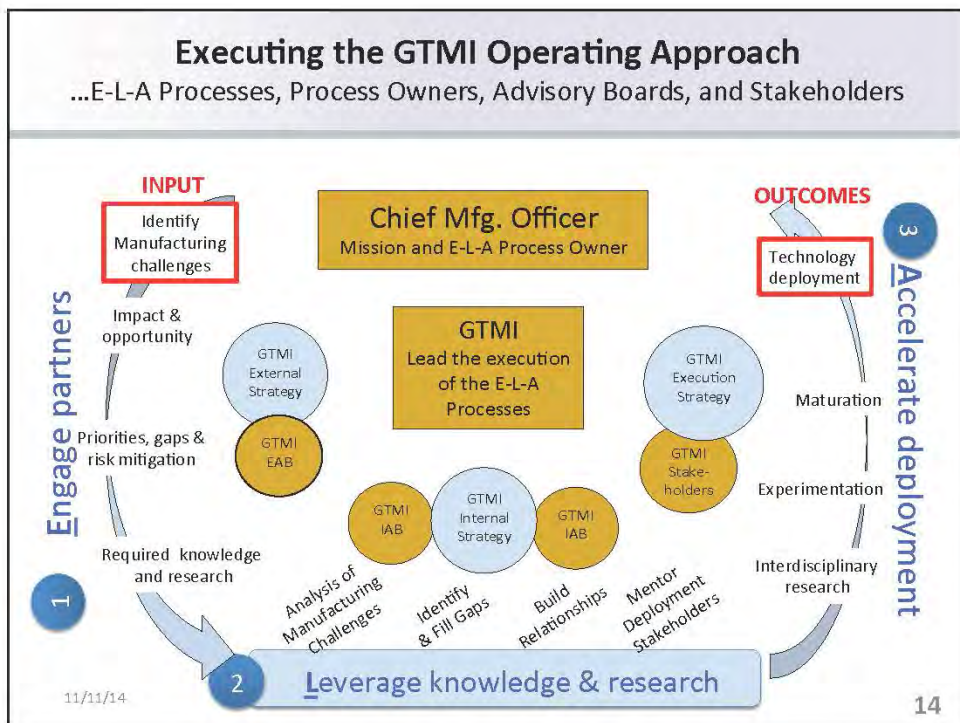
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Agenda for Committee Report

- Georgia Tech's Vision and Strategy
- GTMI Strategy and Operating Approach
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GTMI Strategic Planning Committee ...Summary and Next Steps

- SPC Report Summary
 - GTMI vision, mission, strategy and operating approach are aligned with GT's vision of a 21st Century technological research Institute
 - GTMI mission success will provide new offerings to GT customers and catalyze new knowledge, skills and thought leadership among our stakeholders, faculty and students
 - Execution of the GTMI operating approach, including 12 initial acceleration levers, is in early deployment
- Recommended Next Step
 - "Alpha-test" the execution of the GTMI operating approach, with its 12 initial acceleration levers, at the November EAB

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GTMI Internal Advisory Board (IAB)

Strategy Execution Roles

INTENDED ROLES

Advise and assist the GTMI Executive Director in:

- establishing an inventory of GT leaders and their across-campus manufacturing-related research (on-going effort).
- the execution of the GTMI mission and strategy, including:
 1. Analyzing and prioritizing Manufacturing Challenges.
 2. Identifying existing skills, capabilities and gaps in knowledge and resources needed to address each challenge
 3. Building relationships with other institutions having capabilities that fill key gaps.
 4. Mentoring GTMI stakeholders to enable accelerated technology deployment.
 5. Working with the GTMI EAB in evaluating what is needed to address each challenge (including external capabilities and potential sponsors)

MEMBERSHIP

The IAB shall consist of 8-12 members. To be a GTMI IAB member, eligible to serve on the IAB, one must share and embrace the idea of conducting collaborative research and support the vision, mission and strategic imperatives of GTMI

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GTMI External Advisory Board (EAB)

Strategy Execution Roles

INTENDED ROLES

Advise and assist the GTMI Executive Director in:

- assuring the EAB skill sets are aligned with the scope of GTMI needs (on going)
- the execution of the GTMI mission and strategy, including:
 1. Identifying and prioritizing Manufacturing Challenges.
 2. Clarifying the impacts and risks associated with addressing each challenge.
 3. Structuring partnerships and skill sets consistent with the GTMI Strategy.
 4. Building external relationships with other institutions having capabilities that fill key gaps.
 5. Working with the GTMI IAB in evaluating what is needed to address each challenge (including external capabilities and potential sponsors)

MEMBERSHIP

The GTMI EAB shall consist of 10-15 members. To be an EAB member one must share and embrace the ideas of viewing manufacturing as a system, and identifying high impact manufacturing challenges that drive collaborative and concurrent technology development in support of the GTMI vision, mission and strategy.

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