

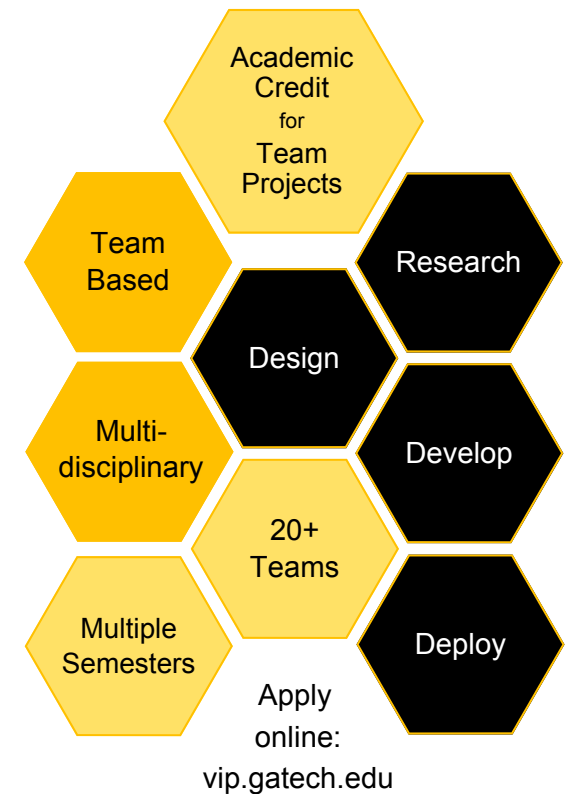
VIP Teams - Spring 2015

Airborne Measurement of Atmospheric Electricity	I-Natural
AquaBots	Intelligent Digital Communication
Augmented Reality Experiences	Intelligent Transportation Systems
BioBots	Intelligent Tutoring Systems
Brain Beats	Open Academic Environment
Concussion Connect	Physics MOOC
Design Space Construction	Predictive Health
EcoCAR	RoboSense
eDemocracy	Robotic Musicianship
Energy Geotechnology	Secure Hardware
eStadium	Sentinel Surveillance
GTRI Robotics	TerraBots
Hands-on Learning	USLI Rocket
Humor Genome	

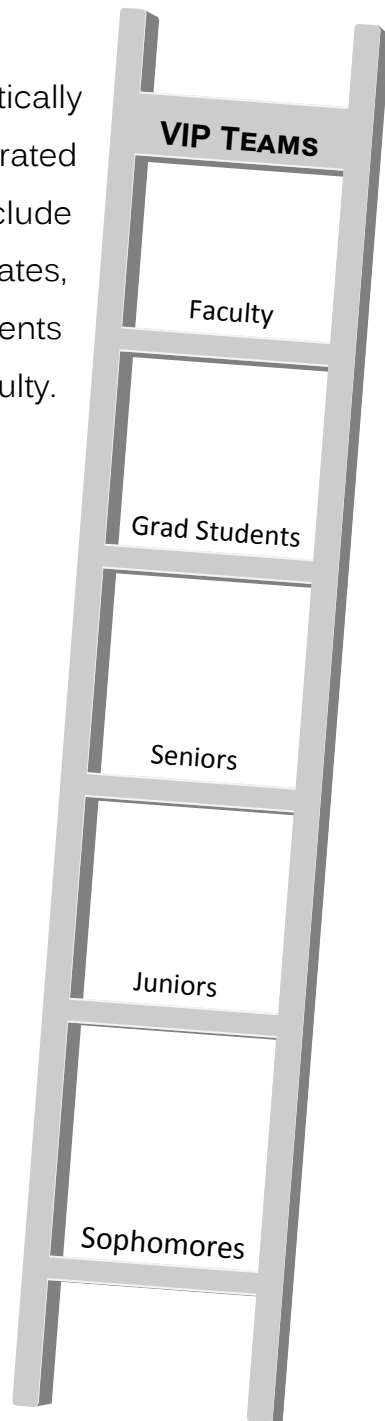
Full team descriptions online: vip.gatech.edu



Vertically Integrated Projects Program



Vertically integrated teams include undergraduates, graduate students and faculty.



“Quite simply, the VIP program is remarkable. It provides a structure for addressing three huge challenges in undergraduate and graduate learning: it enables long-running projects, a true feat in an academic setting; it brings students together in multidisciplinary teams; and VIP projects come from the real world.”


*Professor Ellen Zegura
Computer Science*

“These interactions have a different dynamic than the typical student-teacher relationship, as students are more like collaborators than pupils. The ability to work directly with researchers and graduate students was fantastic.”

*Richard C. Reece
VIP Alumnus*

“Being the teacher and mentor during this process is very rewarding—you see real growth in many aspects of the students’ professional demeanor along with their ability to teach themselves how to learn whatever they need to move the project along.”

*Professor James McClellan
Electrical and Computer Engineering*



Long-term Research & Design Experiences

- Join as early as sophomore year.
- Participate for up to 3 years.
- Earn 1-2 credits per semester.
- Senior Design options.
- Learn & practice professional skills.
- Experience different roles on a large multidisciplinary team.




Cultivates Leadership & Mentoring

- Faculty & graduate students mentor teams.
- Experienced students mentor new members.
 - Students move into leadership roles as others graduate.



Strengthens Faculty Research Portfolios

- Attracts students from across campus, creating multidisciplinary teams.
- Cultivates institutional memory, with students documenting their work and experienced students mentoring new students.
- Enables the completion of large-scale, long-term projects.



Learn more:
vip.gatech.edu