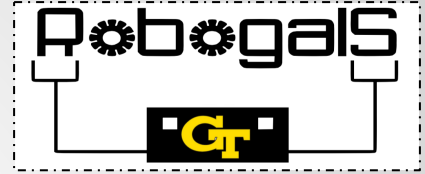




Robogals Info Session

March 10th, 6:30-7pm

WHO WE ARE

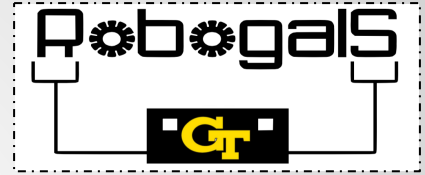


A non-profit, international, student-run organization that engages girls in science and technology via robotics workshops

OUR PURPOSE

To increase the number of young women pursuing engineering in higher education and future careers.

ABOUT



July 2008 - Founded at the University of Melbourne by Marita Cheng

Robogals North America Chapters



California Institute of Technology



Georgia Institute of Technology



Wellesley College



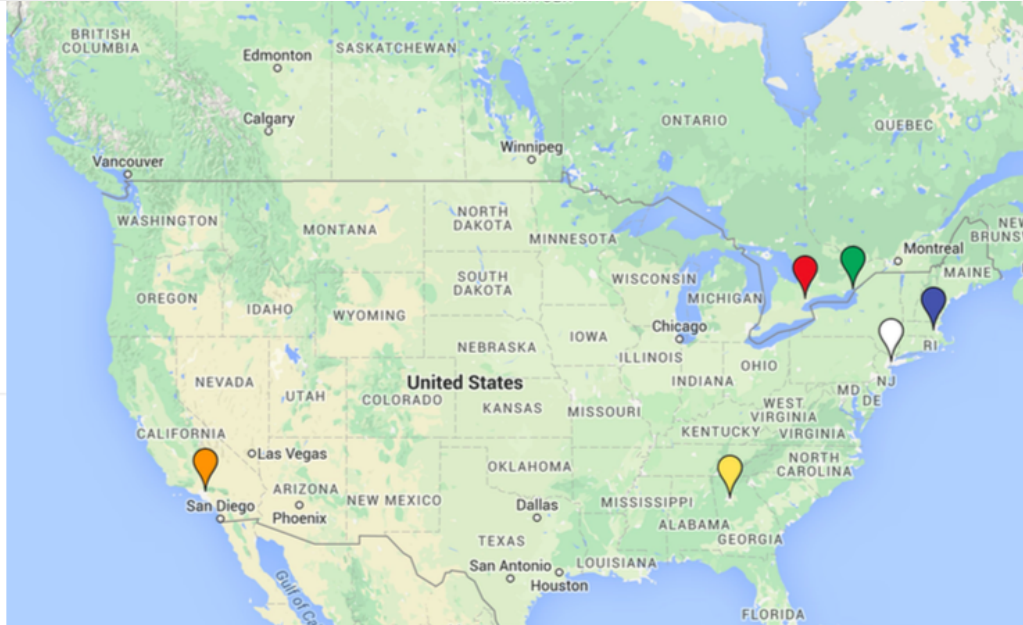
Columbia University



Queen's University



York University



Today -

21 chapters around the world

6 chapters in North America

WHY?



Overall, women have higher college graduation rates compared to men.

However, men disproportionately outnumber women in the number of STEM degrees received.

In 2004, there were approximately 192,900 female engineers in the US compared with over 1,515,000 men. This means that only 11% of the engineering workforce were women.

In 2011, the percentage of women receiving their Bachelor's degree in any engineering field was just 18.4%.

BACHELOR'S DEGREES BY GENDER, 2011



BUT REALLY... WHY?

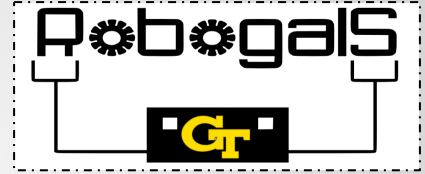


We have a major engineering skills shortage, not just in the US but worldwide.

We are missing out on the engineering inputs, ideas, and innovations of HALF of our population!

“Women’s voices are essential to the problem solving and innovation that is at the heart of engineering. We must re-imagine what an engineer and a leader looks like so we can tap into this critical half of the human talent pool.”

WHAT WE DO



1. **Robotics Workshops at Local Schools - Our Main Activity!**

Consists of an introduction to engineering, building and programming LEGO NXT robots

2. **Engineering Workshops/Events in the Community**

Conduct workshops in community centers, libraries, GT campus, work offices, etc!

3. **SINE (Seminar Inducting New Executives)**

Annual regional conference to train new executives and re-energize returning execs

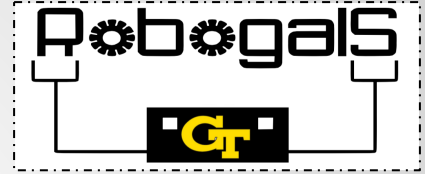
Opportunity for chapters to meet, share best practices, and network

4. **Robogals Science Challenge**

Web-based competition where students conduct a STEM related experiment, document it, and submit it to for a prize!

To be introduced in the North American Region!

WORKSHOPS



Who: K-12th grade with focus on 4th-8th grade girls*

Where: Mainly local schools around Atlanta

What: Focus on robotics workshops using the LEGO Mindstorms NXTs

Alternative STEM workshops include non-tech (spaghetti towers) and high tech (teaching coding skills, 3D modeling software, etc) workshops



*Middle school is a critical decision-making time for female students

COMMITTEES



If you have an idea, start a COMMITTEE!

Committees allow our volunteers to take charge of an idea or goal for Robogals and implement it!

Want to teach a STEM skill not yet discussed?

Want to start a specific STEM program in your local town?

Want to explore alternative robots for Robogals besides the NXTs?

Want to bring the Robogals Science Challenge to North America?

Then start a committee!

UPCOMING EVENTS



- March 23rd - Workshop 1 with GVP (1 class)
3:45pm-4:45pm
- March 24th - Volunteer Training Session: REQ for Workshop 2
6pm - 7pm in Klaus 2448
- March 26th - Workshop 2 with GVP (3 classes)
8:45am - 12pm
- March 29th - Kids@Kollege
10am - 5pm (400+ kids!!)

GVP: The Global Village Project is a special purpose middle school for refugee girls who have had interrupted or no education.

1 hour per class (8-13 girls), robots will be prebuilt

HOW TO JOIN



[Go to my.robogals.org/join/Georgia]*

*currently down

Sign up on our forum: <http://goo.gl/forms/FxJfTa1gHN>

Like us on Facebook: [Robogals Georgia Tech](#)

Look out for FB updates and emails regarding training sessions and workshops!

Remind your friends to join!