SIBS DAY SCHEDULE  
Saturday, February 17, 2018

9:00 a.m. - 10:00 a.m.  Check-In  
Smithgall Student Services Building – First Floor  
All participants must check in at this location to receive their schedule, basketball ticket, Sibs Day shirt, sling bag, nametag & lanyard, and a campus map. A liability waiver must be completed for each participant, including Georgia Tech students, siblings, and other family members. While you are waiting for the opening session, get your picture taken with the Ramblin’ Wreck!

9:00 a.m. - 10:00 a.m.  Welcome & Review of Schedule  
Smithgall Student Services Building, Room 117  
Parent & Family Programs staff will welcome you and review the activities and guidelines for the day. Please note that all minors under the age of 18 must stay with their Georgia Tech student and/or parent/guardian throughout Sibs Day.

9:15 a.m. - 11:15 a.m.  Georgia Tech Campus Tours  
Follow along with one of our Admissions Tour Guides and enjoy a campus tour of Georgia Tech. You will learn more about the Institute’s history, traditions, and some fun facts. Pick – up location: Students and siblings will be guided out of Smithgall, Room 117 into groups for their campus tour. The tours will end at the North Avenue Dining Hall. Tours are 45 minute – 1 hour walking tours.

10:15 a.m. - 11:15 a.m.  Brunch  
North Avenue Dining Hall  
Enjoy a meal in the most popular dining hall on campus! Georgia Tech students enjoy coming to this location to hang out with their friends and roommates. The GT waffles are great!

12:00 p.m. - 2:00 p.m.  Men’s Basketball vs. Virginia Tech  
McCamish Pavilion  
Show your Yellow Jacket pride when Georgia Tech takes on Virginia Tech! Don’t forget to put on your GT tattoos and use your pom poms (found in your sling bag). GO Jackets!

2:30 p.m. - 3:15 p.m.  Yellow Jacket Experience Session One  
Choose one educational workshop from the list below to attend during this time. Sessions are first-come, first-served basis. If a session is full when you arrive, please pick another session. Most sessions are offered twice.
Session 1

**Build Your Own Rocket!**

*Student Center, Piedmont Room and Tech Green*

Come test out your engineering and rocket science skills. We will build 2 liter bottle water rockets that shoot 200 feet into the air. See if you have what it takes to build an aerodynamic high flyer.

**Presenters:** Casey Bethel, Program Director – Campus & Community Coordination, Center for Education Integrating Science, Mathematics, and Computing (CEISMC)

**Session limited to 30 people.**

Session 2

**Mock Admission Session – This session is only offered at 2:30pm**

*Student Center, Room 332*

Join a counselor from the Office of Undergraduate Admission for an interactive mock admission session. In this fun-filled session, participants will learn about the factors admission officers consider and how applications are reviewed. **Recommended for 8th grade and above.**

**Presenter:** Katie Taylor, Assistant Director, Office of Undergraduate Admission

Session 3

**Egg Drop Experiments**

*Skiles Courtyard*

Georgia Tech engineering students will help participants construct a container strong enough to keep an egg from breaking. Student leaders will drop the container from a higher elevation. Will your egg survive the fall in your design? Come find out and have fun!

Session 4

**Georgia Tech Invention Studio Tour**

*Manufacturing Related Disciplines Complex (MRDC), 2nd floor foyer*

The Invention Studio is student-run design-build-play space open to all Georgia Tech students. Come and take a tour of this creative space that has 3D printers, 3D scanners, a laser cutter, various saws, and various other tools used to create and invent prototypes and designs of the future.

**Session limited to 45 people.**

Session 5

**The LEGO Brick – More than a Toy**

*Student Center, 321*

The quintessential LEGO brick is a 4x2 brick. Eight of these bricks can combine in 915,103,765 ways. Children and adults have used this brick and millions of others to build models of their real and imagined worlds for about 60 years. However, did you know that building with LEGO bricks can unleash the imagination and potential that is normally untapped by the logical mind? Through a hands-on, interactive play approach, participants in this session will unlock their potential, enhance
communication and collaboration skills, and have a little fun in the process. **Session limited to 30 participants. Presenters:** Stacey Doremus, Assistant Director of Leadership and Development Programs and Systems and two student leaders

**Session 6**

The Biochemistry of Beeswax – all ages

*Clough Undergraduate Learning Commons, 4th floor, Room 473*

The Georgia Tech Urban Honey Bee Project keeps bees on the roof of the CULC and studies how urban habitats affect honeybees. In this session, you will learn about the awesome physical properties of beeswax and use the scientific method to make the ideal lip balm that you can take home! **Session limited to 20 participants.** **Presenter:** Members of Georgia Tech Urban Honey Bee Project

**Session 7**

Ceramic Glazing

*Student Center, Paper & Clay Studio, Room 303 (By Dining Offices)*

Come share your love for your siblings by glazing a heart ceramic in Paper & Clay. The staff at Paper & Clay will show participants how to use glazes to create beautiful and unique heart ornaments, that each participant will be able to bring home as a keepsake. **Session limited to 25 participants.** **Presenter(s):** Paper & Clay Student Staff Members

**Session 8**

GHOST Demos - School of Materials Science & Engineering

*Smithgall Student Services, Room 117*

Materials science and engineering is a broad discipline that works to understand structure-property relationships. This session will cover table top materials science and engineering demonstrations ranging from bulk metallic glasses (a great material for golf clubs) to sodium polyacrylate (the super absorbent material found in baby diapers). You’ll learn why some pennies melt and others don’t, how heart stents work, and much more! **Recommended for ages 13 and up.**

**Session 9**

Robotarium Tour

*Van Leer Building, 2nd floor 261*

The Robotarium is a swarm robotic test bed dedicated to democratizing robotics. This test bed takes submissions from all over the world and from people of all walks of life. The Robotarium project is pushing to make robots available to expedite research as well as generate interest in STEM education. Come and see the Robotarium in action with around 40 robots performing demonstrations while learning about robotics at Georgia Tech. **Sessions limited to 25 people.**
Session 10  
**Community Service Project and Georgia Tech Trivia**

*Smithgall Student Services, Lobby*

We will be making blankets for Project Linus. The mission of Project Linus is to provide love, a sense of security, warmth, and comfort to children who are seriously ill, traumatized, or otherwise in need. The blankets will go to children at hospitals in the Atlanta area. While making the blankets, participants will learn more about Georgia Tech History and can win fun prizes! Come join us to help someone in need and have fun!

MORE YELLOW JACKET ED SESSIONS WILL BE ADDED TO THE SCHEDULE IN JANUARY.

3:30 p.m. – 4:15 p.m.  **Yellow Jacket Experience Session Two**  
Choose another session to attend from list on above for Session One.

4:00 – 5:00 P.M. **FREE TIME**  
Use this free hour to explore the campus on your own and show your family some of your favorite spots as a Georgia Tech student. You may want to take a nap or relax before dinner. You can ride the Tech Trolley over to Tech Square and visit the Barnes & Noble at Georgia Tech Bookstore. Just remember that the Tech Trolley stops running at 6:30 p.m. on Saturdays.

5:00 p.m. – 6:00 p.m. **“Adventure is Out There” Dinner**  
*Student Center Food Court (2nd floor)*  
Before we play the night away, we will fuel up with buffet dinner. GT Catering will be serving roasted chicken, mac-n-cheese, salad, and dinner rolls.

6:00 p.m. – 9:00 p.m. **Bowling, Billiards, & Buzz!**  
*Tech Rec*  
Bowl with your sibling(s), play a few games, get a crazy balloon hat, and take a selfie with Buzz! Snacks, including flavored popcorn, cupcakes, and fresh fruit, will keep you buzzin’ throughout the night.

7:00 p.m. **Up**  
*Student Center Theater*  
Carl Fredricksen as a boy wanted to explore South America and find the forbidden Paradise Falls. About 64 years later he gets to begin his journey along with a Boy Scout named Russell with help from 500 balloons. On their journey, they discover many new friends including a talking dog and Carl and Russell figure out that someone evil plans. Carl soon realizes that this evildoer is his childhood idol. Will they be able to defeat him and will they find Paradise Falls?
8:30 – 9:00 p.m.  Pick-Up
Coordinate with your Georgia Tech student a place to pick them up at the end of the day. We suggest meeting them outside the Student Center on Ferst Drive. Look for the Sibs Day Pick-up Sign on the corner near the entrance to the surface parking lot – Area 2 next to the Student Center.

CHECK OUT:
MAKE SURE YOU CHECK OUT with the Parent & Family Programs staff by the end of the day. There will be a Parent & Family Programs table outside of Tech Rec on the ground floor of the Student Center.

Get your picture with Georgia Tech mascots!

Ramblin’ Wreck – Outside of Smithgall during check-in
9 a.m. – 10 a.m.

Buzz – Tech Rec in the Student Center
6:30 p.m. – 7:30 p.m.