

# SIBS DAY

Saturday, February 11, 2017



## 9:00 a.m. – 10:00 a.m. Check-In

*Clough Undergraduate Learning Commons – First Floor*

All participants must check in at this location to receive their schedule, basketball ticket, Sibs Day t-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' Reck!

## 10:00 a.m. – 10:30 a.m. Welcome & Review of Schedule

*Clough Undergraduate Learning Commons - Auditorium 144*

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.**

## 10:30 a.m. – 11:15 a.m. Georgia Tech Campus Tours

Follow along with one of our Alumni Ambassadors or Admissions Tour Guides and enjoy this 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 Clough 144 into groups for their campus tour. The tours will end at the North Avenue Dining Hall.

## 11:30 a.m. – 1:00 p.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. Make a GT waffle, grab a burger and just enjoy some time with your family.

## 1:15 p.m. – 2:00 p.m. Yellow Jacket Experience Session One

Choose one educational workshop from the list below to attend during this time. Some sessions have limited capacity. We will send out push notifications through Guidebook with session updates as needed. If the session you selected is full, we suggest attending another session.

### Session 1

**Mock Admission Session – This session is only offered at 1:15pm**

*Clough Undergraduate Learning Commons, Room TBD*

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:** Jessica Curtis, Senior Admission Counselor, Undergraduate Admission

## Session 2

### **Minecraft: LearnToMod (Ages 7-12) – This session is from 1:15 – 2:00pm**

*College of Computing, Room 345*

**Minecraft (Ages 7-12):** Minecraft is not just a game but a powerful educational platform. During this workshop, students will use Minecraft to learn fundamental coding principles and functionality. They will utilize the LearnToMod software, which uses JavaScript (one of the world's most widely used programming languages) to create personal modifications in the Minecraft world. **Session limited to 18 participants.**

**Presenters:** Dominic Ajagba and Gilbran Essa

## Session 3

### **Mini Drones, Program it! Fly it! (Ages 13-17) – This session is from 2:15pm - 3:00 pm**

*College of Computing, Room 347*

Today drones deliver our packages, take videos for movies, and even deliver our food! In this 45-minute workshop, groups of students will learn how to program and fly mini-drones to complete an indoor obstacle course! **Session limited to 15 participants.**

**Presenters:** Alexandra Marlette and Kwaku Mensah

## Session 4

### **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 5

### **Georgia Tech Invention Studio Tour**

*Manufacturing Related Disciplines Complex (MRDC), 2<sup>nd</sup> 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 40 people.**

## Session 6

### **The LEGO Brick – More than a Toy**

*Clough Undergraduate Learning Commons, Room TBD*

The quintessential LEGO brick is a 4x2 brick. Eight of these bricks can be combined 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. But, 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 7

### **The Biochemistry of Beeswax – all ages**

*Clough Undergraduate Learning Commons, 4<sup>th</sup> floor, Room 473*

The Georgia Tech Urban Honey Bee Project keeps bees on the roof of the CULC and studies how urban habitats affect honey bees. 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:** Dr. Jennifer Leavey, Georgia Tech Urban Honey Bee Project

## Session 8

### **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 on Sibs Day, Saturday February 11th from 1:15pm-2:00pm & 2:15pm-3:00pm. 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 9

*Clough Undergraduate Learning Commons, Room 144*

### **GHOST Demos**

School of Materials Science & Engineering

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 10 – To Be Determined**

**Session 11 – To Be Determined**

**Session 12 – To Be Determined**

**Session 13 – To Be Determined**

**Session 14 – To Be Determined**

**2:15 p.m. – 3:00 p.m.                      Yellow Jacket Experience Session Two**

Choose another session to attend from list on above. **If you are not interested in attending a second session, this is a great time to have some 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 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.

**3:00 – 4:00 P.M.                              CRC/FREE TIME**

**4:00 p.m. – 5:00 p.m.                      “Cloudy with a Chance of Meatballs” Dinner**

Georgia Tech Hotel Ballroom

Hop on a Stinger Bus at the Student Center to head over to the Georgia Tech Hotel located in Tech Square. Enjoy a spaghetti and turkey meatballs dinner and grab some Georgia Tech spirit gear before heading over to the basketball game! NOTE: Buses will also take students from the Georgia Tech Hotel to McCamish Pavilion.

**5:30 p.m. – 7:30 p.m.                      Georgia Tech Men’s Basketball vs. Boston College**

*McCamish Pavilion*

Show your Yellow Jacket pride when Georgia Tech takes on Boston College! Don’t forget to put on your basketball beads before entering the McCamish Pavilion. GO Jackets! NOTE: After the game, look for buses to take you back to the Student Center.

**7:00 p.m. – 10:00 p.m.                      Bowling, Games, Snacks and Fun!**

*Tech Rec*

Bowl with your sibling(s), play a few games, and have some fun! We will also have some delicious cookies from Insomnia Cookies, fresh fruit and other items available to keep you buzzin’ along and having fun!

**8:00 p.m. - 9:45 p.m.                      Movie Time: WALL-E**

*Student Center Theater*

After you grab a snack next door at the Student Center, join us in the Student Center Theater (ground floor across from Tech Rec) to watch WALL-E. Food and Drink are permitted.

**9:30 p.m. – 10:15 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.

**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 at the main entrance to McCamish Pavilion to check out and also just outside of Tech Rec on the ground floor of the Student Center.

**NEED ASSISTANCE?**

Please call the Parent & Family Programs Special Event Phone at **404-210-8094** throughout the day for assistance. The phone will be answered from 8 am – 11 pm. Call GTPD at 404-894-2500 if you have an emergency.

**Don't forget to tag your photos #GTSibsDay17 to share your memories!**