SIBS DAY  
Saturday, February 20, 2016

9:30 a.m. – 10:30 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.

10:30 a.m. – 10:45 a.m.  Welcome & Review of Schedule  
Clough Undergraduate Learning Commons - Auditorium 144  
The Parents Program 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.

10:45 a.m. – 11:45 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 or Bobby Dodd Stadium.

12:00 p.m. – 1:30 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.

12:00 p.m. – 1:30 p.m.  Bobby Dodd Stadium Tours with Buzz  
Bobby Dodd Stadium (enter through the tunnel entrance off of Callaway Plaza on Bobby Dodd Way)  
Before or after your meal in North Avenue, participants will get a chance to come onto the field of the historic Bobby Dodd Stadium, learn some interesting facts about it and take a picture or two with Buzz, our mascot!

Don’t forget to tag your photos #GTSibsDay16 to share your memories!

1:45 p.m. – 2:30 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

Be Bold: Envisioning Yourself as a Bold Leader!
Smithgall Student Services Building, Room 131
In this hands-on workshop, participants ages 7 and older, will be creating a vision board to help you envision what your future as a bold leader will look like. A vision board is a powerful tool to help you to envision what is possible in your life. You can use a vision board to tap into your creativity and envision your future. Presenters: Colleen Riggle, Assistant Dean of Students/Director; Melanie DeMaeyer, Assistant Director, Women’s Resource Center. Session limited to 20 participants.

Session 2

Computer Generated Music
College of Computing, Room 345
Musical expression and computing creativity will be combined to expose students to the auditory side of computing. Students will create their own computerized music created by Georgia Tech professors! Scratch is for ages 7-12
*The elevator may be under repair on this date, so participants may need to use the stairs to access the 3rd floor. Session limited to 24 participants.

Session 3

Computer Generated Music
College of Computing, Room 347
Musical expression and computing creativity will be combined to expose students to the auditory side of computing. Students will create their own computerized music created by Georgia Tech professors! EarSketch for ages 13 and up
*The elevator may be under repair on this date, so participants may need to use the stairs to access the 3rd floor. Session limited to 24 participants.

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

Build Your Own Rocket!
Smithgall Student Services Building, Room 117 and Instructional Center Lawn
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 and aerodynamic high flyer. **Presenter:** Cameron Schriner, Center for Education Integrating Science, Mathematics, and Computing (CEISMC). **Session limited to 30 people.**

**Session 6**
**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 40 people.**

**Session 7**
**SciFi@Tech**
*Clough Undergraduate Learning Commons, Room 152*
Are you wondering how to connect your interest in art and storytelling with Georgia Tech’s focus on science and technology? We’re here to tell you the answer is easy--through the power of science fiction! In this session, Literature, Media and Communication’s Professor Lisa Yaszek and student researchers in The Sci Fi Lab on WREK radio explain why science fiction is the premiere story form of the modern world and answer all your questions about the past, present, and future of science fiction at Georgia Tech. **You don’t want to miss this session! We might even weigh in on the most pressing question of our time: is Star Wars science fiction or fantasy?**
**Presenters:** Dr. Lisa Yasek, Travis Gasque, Chris Carl, and Jamie Kazenstein.
**NOTE:** THIS SESSION IS ONLY PRESENTED ONCE FROM 1:30-2:45 PM

**Session 8**
**3D Printing Workshop**
*U. A. Whitaker Biomedical Engineering Building, Lobby (Bio Quad)*
Come see one of the exciting tools engineers, designers, makers, and artists use to make their ideas come to life. During this session, participants will see 3D printing in action, see some cool examples of 3D printed parts, and experience the steps involved in getting from an idea to a 3D printed part. We’ll also have some Biomedical Engineering students on hand to share their 3D printed projects. **Presenters:** Raja Schaar, Lecturer & Design Instructor, Wallace H. Coulter Department of Biomedical Engineering, and Marty Jacobson, Lecturer & Design Instructor, Wallace H. Coulter Department of Biomedical Engineering. **Session limited to 35 participants.**

**Session 9**
**The Ta-Da of Teams! (Best for Ages 13-17)**
*Clough Undergraduate Learning Commons, Room 125*
Apply the best of your thinking, feeling and doing into a fun, interactive exercise that is bound to generate a lot of laughs, excitement and some ah-ha moments regarding working with others in teams, innovation and creativity. And who knows, you may just identify the marshmallow in your projects! **Presenters:** Stacey Doremus, Assistant Director of Leadership and Development Programs and Systems and two student leaders

**Session 10**

**Mock Admission Session**

*Clough Undergraduate Learning Commons, Room 123*

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 11**

**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 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! **Presenter:** Dr. Jennifer Leavey, Georgia Tech Urban Honey Bee Project

**Session limited to 20 participants**

**Session 12**

**The Art of Paper Marbling**

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

Suminagashi is translated from Japanese to English as, “Floating Ink” because you put drops of ink on water to make designs and then transfer it to paper. The staff at Paper & Clay will show participants how to make marbleized designs on paper. Each participant will be able to take their own piece of marbleized paper art home with them. **This activity is recommended for all ages.** **Presenter(s):** Paper & Clay Student Staff Members

**Session limited to 25 participants.**

**Session 13**

**RITS Lab Tour/Multi-agent Robotics**

*Tech Square Research Building. Meet in the lobby to go to Room 104*

Come see a short presentation about the Georgia Robotics and Intelligent Systems (GRITS) Lab. We will be introducing the robot hardware in the lab, and show 2 - 3 live demos with multiple robots! **Presenters:** Paul Glotfelter (Ph.D. Student, Robotics / ECE), Yancy J. Diaz-Mercado (Ph.D. Student, ECE) and Daniel Pickem (Ph.D. Student, Robotics / ECE)

**Session is limited to 45 participants**
NOTE: This session is located in Tech Square, so it may time you some time to get there and back to main campus, but the Tech Trolleys are running during this time.

Session 14
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

2:45 p.m. – 3:30 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.

3:30 p.m. – 5:30 p.m. Bowling, Snacks, Photos, and Fun!
Tech Rec
Bowl with your sibling(s), play a few games, and have some fun! The Ramblin’ Reck will be outside of Tech Rec so you capture your special day from 3:30-4:30 pm. We will also have some delicious cookies from the new bakery Insomnia Cookies, fresh fruit and other items available to keep you buzzin’ along until dinner!

3:30 p.m. – 5:30 p.m. TekStyles
Campanile (just outside of the Student Center)
Join TekStyles, Georgia Tech’s only freestyle hip hop dance club, between 3:30 and 5:30 at the Campanile for a freestyle dance cypher. No experience in dancing? No worries! The only requirements are an interest in dance and a desire to improve, learn and share what you know. TekStyles: all freestyle, all hip hop, all in. Everybody’s welcome.

3:30 – 5:30 pm The Post Card Project – Artist in Residence Mario Petrirena
Student Center, just outside of Tech Rec
Visit with Atlanta artist Mario Petrirena and see his Post Card Project! Mario Petrirena has been making and sending collaged postcards for over 20 years, throughout which the artist’s approach has evolved from a playful gesture of sending a handmade artwork to friends, into larger, more complex
works on paper. Petrirena encourages you to take one of his postcards with you today and asks that you activate his artwork by sending it to someone through the mail.

4:00 - 5:30 p.m.  **Movie Time:** Hotel Transylvania 2  
*Rhett Smithgall Student Services Building, Room 117*  
After you grab a snack next door at the Student Center, pop over to 117 in Smithgall (aka “the Flag Building” to watch *Hotel Transylvania 2*. Food and Drink are permitted.

5:45 – 6:15 p.m.  **Buses to Dinner**  
Buses will take Sibs Day participants to the GT Hotel and Conference Center. Buses will be on a continuous loop until everyone is at the GT Hotel for dinner.

6:00 p.m. – 7:00 p.m.  **Dinner**  
*Georgia Tech Hotel and Conference Center Ballroom*  
Take a Stinger Bus from the Student Center to the Georgia Tech Hotel and Conference Center to have dinner and grab some Georgia Tech spirit gear before hopping back on the Stinger bus for the basketball game!

8:00 p.m. – 9:45 p.m.  **Georgia Tech Men’s Basketball vs. Notre Dame**  
*McCamish Pavilion*  
Show your Yellow Jacket pride when Georgia Tech takes on Notre Dame! Don’t forget to put on your basketball beads before entering the McCamish Pavilion. GO Jackets!

9:30 – 10:15 p.m.  **Buses to Student Center for Pick-Up**  
Make sure to meet at your drop off location on 10th Street to get the Stinger bus from McCamish Pavilion back to the Student Center Parking lot to meet your parents.

9:45 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.

**GUIDEBOOK:**  
We’ve gone mobile! Visit the Apple App Store or Google Play Store and search for the “Georgia Tech Guidebook” App and download it to see the full Sibs Day schedule, locations of events, and more! We will be giving away prizes throughout the day for those that download the Georgia Tech Guidebook App!

**NEED ASSISTANCE?**  
Please call the Parents Program staff at 404-385-1396 throughout the day for assistance. The phone will be answered from 8 am – 10 pm.
More Athletics Events taking place on Sibs Day Weekend…

**Friday, February 19 – OPENING DAY!**

- 4:00 pm – Baseball vs. Purdue - Russ Chandler Stadium - Tickets range from $6-$10 per ticket. Click this link for Tickets or visit [www.ramblinwreck.com](http://www.ramblinwreck.com)
- 6:30 pm – Softball vs. Ohio State (Mewborn Field – Free Admission)

**Saturday, February 20 – SIBS DAY**

- 1:00 pm – Women’s Tennis vs. Georgia (Ken Byers Tennis Complex – Free Admission)
- 2:00 pm – Baseball vs. Western Michigan - Russ Chandler Stadium – Tickets range from $6-$10 per ticket. Click this link for Tickets or visit [www.ramblinwreck.com](http://www.ramblinwreck.com)
- 3:00 pm – Softball vs. Ohio State (Mewborn Field – Free Admission)
- 5:00 pm – Softball vs. Purdue (Mewborn Field – Free Admission)

**Sunday, February 21**

- 12:30 pm – Softball vs. Purdue (Mewborn Field – Free Admission)
- 2:00 pm – Baseball vs. VCU - Russ Chandler Stadium – Tickets range from $6-$10 per ticket. Click this link for Tickets or visit [www.ramblinwreck.com](http://www.ramblinwreck.com)