

TOUCHTOMORROW

A FESTIVAL OF SCIENCE, TECHNOLOGY, AND ROBOTS

June 10, 2017
10 am–4 pm

FESTIVAL PROGRAMMING

Events are subject to change. For the latest information, please refer to the TouchTomorrow app or website.

MAIN STAGE ON THE QUAD

10:00 am | Welcome to TouchTomorrow
Opening remarks by Kristin Tichenor, Senior Vice President, WPI

11:00 am and 11:40 am | Animal Adventures: Animal Encounter Show
A live experience with exotic animals and adventure guides from Animal Adventures. Hear interesting stories and get up close with animals such as a snake, alligator, skunk, chinchilla, ferret, hedgehog, degus, lizard, and tortoise. Stick around for special appearances by the African Pale Fox and the North American Porcupine!

1:00 pm | DinoMan: Superheroes of Science
A fast-paced look at science around us! What do the world's fastest toilet paper shooter, quantum locking levitation, and T-Rex have in common? Find out this and more! Suitable for audience members ages 4 to adults.

3:00 pm | Design Squad Challenge
Presented by WGBH
Design Squad teams of middle-school students present their solutions to the Paper Structures Challenge and test the strength of their designs.

MAIN STAGE IN THE RUBIN CAMPUS CENTER ODEUM

10:30 am and 1:30 pm | Mad Science
Mad Science presents a spectacular show that will thrill audiences of all ages with impressive science experiments. This interactive show challenges the audience to explore the scientific method as they observe, hypothesize, and experiment. It's not magic, it's SCIENCE!

12:00 pm and 3:00 pm | Neuroscientist and Engineer, Greg Gage
Greg Gage is passionate about inspiring students to want to know more about how our brains and neurons work. He demonstrates the power of the brain with hands-on experiments, like using one person's mind to move the arm of another—proving that the creative and problem-solving possibilities of the brain are endless.

FOR YOUNGER SCIENTISTS

DISCOVERY CROSSING

Autonomous Vehicles
Physics in Motion
Bio Inspired Robots
Mining Mars
The Energy Boom

SPORTS & REC CENTER

S'mores Packaging
Geometry
Space Lander
Motion Critters

ON THE QUAD

Geodesic Domes
Soda Straw Rockets
Slime
Float My Boat
Arteries
Diaper Science
Kaleidoscope
Squishy Circuits
Edible DNA

WPI RESEARCH EXHIBITS, TOURS, AND ACTIVITIES: SCHEDULED EVENTS

You'll find over 50 faculty and student research laboratories and exhibits across campus! Download the TouchTomorrow app or visit the website for a full listing, more details on each activity, and locations.

The following activities have scheduled demonstration or shows. Some will require advanced, on-site registration on June 10, as they have limited availability.

ALDEN MEMORIAL
Music Perception and Robots | Janet Earle Room
Interactive demonstrations at 10, 11 am, 12 pm

ATWATER KENT LABORATORIES
3-D Magic of Biomolecules | Newell Hall (Room 116)
Shows at 12, 3 pm.

DISCOVERY CROSSING
The Energy Boom: Learn How Fuel Cells Turn Hydrogen and Oxygen into Energy
Interactive demonstrations start every half-hour between 10 am and 4 pm.

GATEWAY PARK – 50 PRESCOTT STREET
Biomanufacturing Education and Training Center Tour | Second Floor
Sign up in the lobby. Space limited to 10.
Tours at 11 am, 12, 1, 2, 3 pm.

Fire Protection Engineering Lab Tour | First Floor
Sign up in the lobby. Space limited to 25.
Tours at 10:30, 11:30 am, 12:30, 1:30, 2:30, 3:30 pm.

GATEWAY PARK – 60 PRESCOTT STREET
Biomedical Engineering Lab Tours | Assemble in the Lobby.
Sign-up required. Space limited. Offered every half hour between 10 am and 1:30 pm.

GODDARD HALL
Experience Biochemistry: Glowing Reactions | Room 109
Sign-up required. Space limited. Offered at 11 am, 12, 1, 2, 3 pm.

Experience Chemistry: Make a Raspberry-Flavored Solar Cell | Room 110
Sign-up required. Space limited. Offered at 11 am, 12, 1, 2 and 3 pm.

Separate Kool-Aid Into Its Component Colors with Electricity | Room 205
Sign-up required. Space limited. Offered at the top of each hour between 11 am and 3 pm.

HIGGINS LABORATORIES
Keeping Things Cool in Space | Room 248
Tours every hour on the hour. Space limited.

OLIN HALL
A Virtual Tour of the Universe | Room 107
40-minute presentation. Shows for all ages at 10 am, 1, 3 pm.
Shows geared to younger ages at 11 am, 12 pm.

WASHBURN SHOPS
Living in Our Materials World | Room 113
Demos every 15 minutes between 10 am and 12 pm.

Get detailed information about exhibits and activities, create your schedule, navigate the campus, and more. Search “TouchTomorrow” in the app store.

 Connect to the WPI network “TouchTomorrow”



 Add a TouchTomorrow filter to your Snapchat

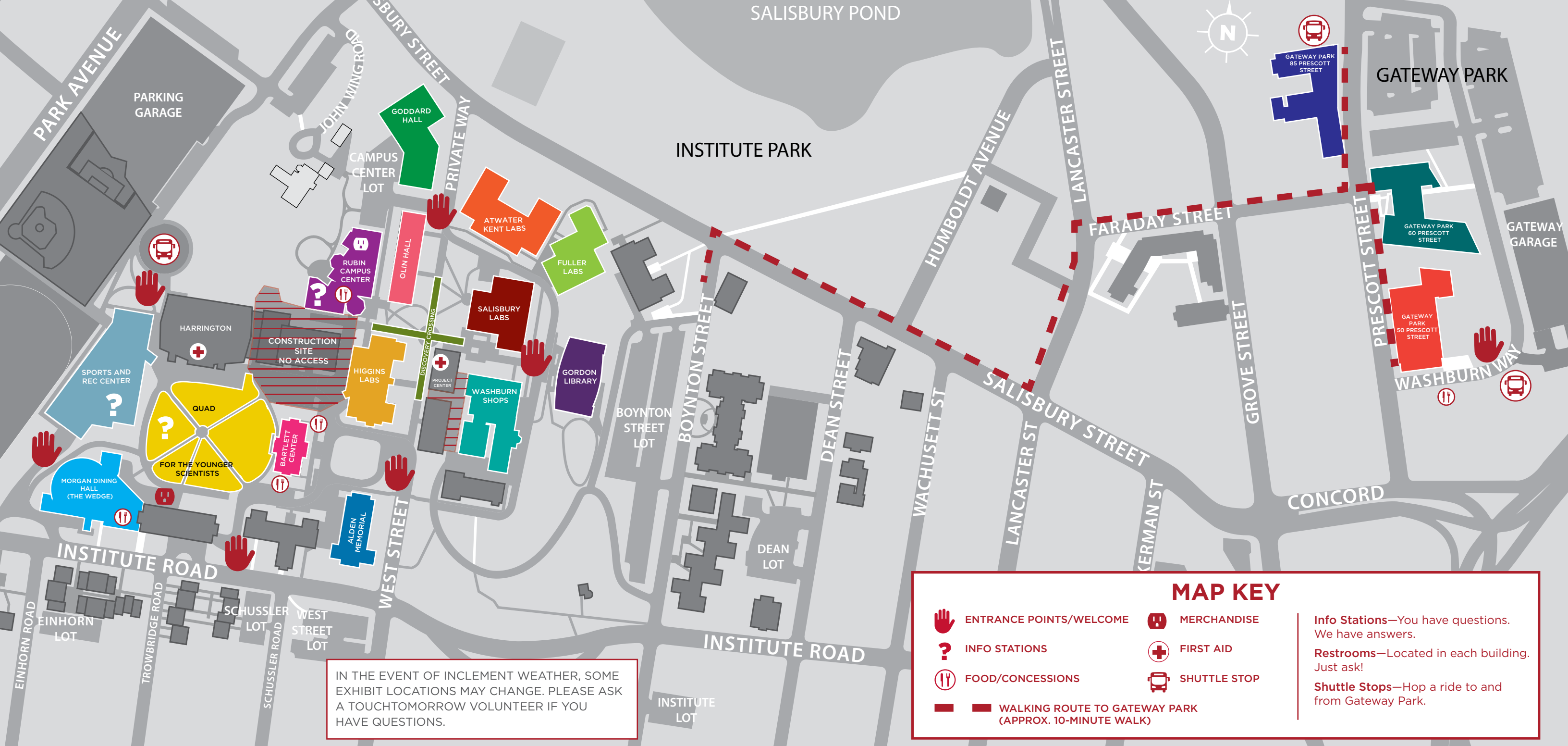


#TouchTomorrow #WPI

WPI works diligently to assure the safety and welfare of our guests. At TouchTomorrow, our security personnel will conduct random checks of camera bags, backpacks, and other large items during the festival. We appreciate your understanding as we undertake this security measure.

THANK YOU
TO OUR PARTNERS
AND EXHIBITORS





TOUCHTOMORROW 2017 FESTIVAL ZONES

- SPORTS & REC CENTER** - Educational, hands-on, interactive demonstrations and activities for all ages from WPI Pre-Collegiate Outreach Programs and community partners.
- MORGAN DINING HALL** - Enjoy lunch in the dining hall!
- QUAD** - Main Stage (see reverse for schedule), BBQ food tents, Alumni tent, activities for younger scientists, and more!
- BARTLETT CENTER** - WGBH@TouchTomorrow is here with brands you know and love! Learn about the Solar Eclipse happening this August and get your NASA-approved solar eclipse glasses.
- GODDARD HALL** - Experience hands-on activities in biology, chemistry and biochemistry, and biomedical engineering.

FULL LIST OF ACTIVITIES AVAILABLE ON THE WEBSITE AND THE APP (SEE REVERSE FOR INSTRUCTIONS ON HOW TO DOWNLOAD THE APP)

- RUBIN CAMPUS CENTER** - Check out the Main Stage programming upstairs (see schedule on reverse). Try an intelligent tutoring system. See a solar house designed by WPI students. Make a spaghetti bridge and see how it holds up to shaking. Visit the bookstore or grab a bite to eat in the food court!
- OLIN HALL** - Take a virtual tour of the universe.
- HIGGINS LABORATORIES** - Learn how engineers keep things cool in space.
- ALDEN MEMORIAL** - See musical robots in action! Meet local robotics teams and operate their robots!
- DISCOVERY CROSSING** - See bioinspired robots, learn about fuel cells and autonomous vehicles, experience physics in motion.

- ATWATER KENT LABORATORIES** - Explore soft robotics and biomolecules and tour the undergraduate robotics labs.
- SALISBURY LABS** - See how scientists are using motion and technology to improve math learning. Learn how we may ride asteroids to Mars. Educator workshops.
- WASHBURN SHOPS** - Learn about material properties and see advanced manufacturing tools in action, including a 3D printer.
- FULLER LABORATORIES** - Demo and view computer games and trailers designed by students.
- GORDON LIBRARY** - Explore the past, present, and future of space exploration.

- GATEWAY PARK - 50 PRESCOTT STREET** - Tour the Biomanufacturing Education and Training Center. Discover the only state-of-the-art fire research lab located at a university.
 - GATEWAY PARK - 60 PRESCOTT STREET** - Tour WPI's biomedical engineering research labs and learn about cutting-edge work in tissue engineering and regenerative medicine.
 - GATEWAY PARK - 85 PRESCOTT STREET** - Robot central. See surgical and assistive robotics, a tele-operated robot nurse, the technology behind driverless cars, and a robot that can paint.
- Enjoy treats at the Gateway Park food trucks from the DogFather, MinuteMan Kettle Corn, and Gifford's Ice Cream!*