



[STEM@GTRI](#) is excited to announce a partnership with [The Flying Classroom's](#) Captain Barrington Irving to develop and deliver a series of virtual interactions between our world class faculty and K-12 students and teachers across Georgia.

D2D with Captain Barrington Irving will engage students in GSE-aligned learning related to the research and engineering of the Georgia Tech Research Institute and Georgia Institute of Technology. Ranging in grades 4 – 8, these interactions anchor a miniseries of research-related STEM learning experiences developed by our STEM@GTRI team.

Each interaction will last approximately 45 minutes – 1 hour, featuring live conversations between Captain Irving and our researchers focused on STEM connections between authentic research and classroom learning. We've optimized our virtual meetings to be accessible for students in face-to-face and virtual classrooms, making it possible for any student to engage in this year's D2D interactions.

The STEM instructional toolkit surrounding each D2D will focus on authentic and timely math-science connections in each grade level. Each interaction will also feature a problem-based learning experience centered around computer science to further support authentic STEM learning in Georgia's classrooms. Teachers will be supported in using these curricular resources with just-in-time synchronous and asynchronous professional learning.

Our first interaction, ***Severe Storms and Hurricanes*** is quickly approaching on September 17th. Aligned with 4th grade GSE, Captain Barrington will be joined by John Trostel and Jessica Losego of the Severe Storms Research Center at GTRI to explore how storms form and are detected by state-of-the-art research and technology. Register for this opportunity at:

https://gatech.co1.qualtrics.com/jfe/form/SV_5gOWdiP3Fa7Zd2Z

You can also find out more about the program and see the entire slate of topics for this school year at <https://gtri.gatech.edu/stem/d2d-captain-barrington-irving>

About STEM@GTRI

STEM@GTRI is the Georgia Tech Research Institute's K12 outreach program. Funded by the State of Georgia, the mission of STEM@GTRI is to inspire, engage, and impact Georgia educators and students by providing access to experts in the fields of science, technology, engineering, and math (STEM).

Through meaningful partnerships and collaborations, we strive to increase STEM literacy, improve student academic performance in STEM subjects, provide awareness of and encourage students to pursue educational and career opportunities in STEM fields, and provide resources for teachers to strengthen their STEM-related curriculum.

About Captain Barrington Irving

In 2007, at age 23, Captain Barrington Irving became the youngest pilot to fly solo around the world in a single-engine airplane. On his 97-day journey, he flew 30,000 miles in a single-engine plane called "Inspiration." He made the trip to show other youth that if he could achieve his dream, they could too.

Born in Kingston, Jamaica and brought up in inner-city Miami, Barrington saw a football scholarship as his only route to college until, inspired by a Jamaican airline pilot who became his mentor, he decided to pursue a career in aviation. In 2003, Barrington founded the nonprofit - Experience Aviation, and set up the Experience Aviation Learning Center that continues to offer STEM-based programs and career guidance to middle and high school students in the Miami area.