

TEAM 4909



Billerica Bionics

North Shore District Competition

Competition Summary

Over the past weekend Team 4909 traveled to Reading, MA to attend the North Shore District Competition. We arrived at Reading Memorial High School on Friday to set up the team pit. The pit is where the robot is kept during the competition, between matches, and contains tools and spare parts that we use to improve or repair the robot.

Robot action officially began on Saturday for the qualification matches. There were 40 teams with each team playing 12 qualification matches in randomly selected alliances of 3. Team 4909 started slow at the beginning, dropping to 21st place after our 2nd match, but made adjustments throughout the weekend and ended up in **3rd place** heading into elimination rounds!

Elimination rounds began with the top 8 seeded teams picking 2 other teams for their playoff alliance. Using our highly-developed scouting system, Team 4909 was easily able to distinguish the best teams in the competition to pick. We chose Team 2084, Robots by the C, and Team 5459, the Ipswich Tigers. With these great teams by our side, we were able to advance all the way to the **semi-finals**. Unfortunately, in the 3rd match in a best-of-3 series, we fell a few points short of advancing to the finals losing 316-305.

Although we were not able to win at the North Shore District Competition, this was a great start for the team! Our next competition is this weekend, 3/24-3/26, in Bedford, NH. We are excited to compete again and hope to make it to finals and win a blue championship banner for Billerica!



Alliance Captain, Team 4909, with Team 2084 and Team 5459

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Team 4909's Robot Successfully Climbing

Awards

Along with the competition on the field, Team 4909 also had great results with awards!

We were thrilled to see that our lead mentor, **Mr. Matthew Flood**, was selected as a regional finalist for the **Woodie Flowers Award!** This is an award where students submit an essay on the mentor of their choice who has inspired and motivated the team. Mr. Flood will now be considered for the award at the District Championships at UNH in April. If he wins there, he will then be eligible to win the award at the World Championships in St. Louis.

Next, Team 4909 won the **Quality Award** at the competition! This award is not a submission award, but rather is an award given out by the judges to the team that they believe celebrates machine robustness in concept and fabrication. This is a huge award for the team because it recognizes our robot design. We are honored to have won this award!

Lastly, the business team applied for the **Chairman's Award**; the most prestigious award *FIRST* offers. To go along with the essay and questions we submitted in February, there is also a presentation portion that must be done at the competition as well as a video that must be submitted. Unfortunately, we did not win the award but we were provided with great feedback which will help us when we present again this week in Bedford, NH.

UPCOMING EVENTS

Southern NH District Competition

3/24/2017 - 3/26/2017

Bedford High School
47 Nashua Rd
Bedford, NH 03110

New England District Championship

4/5/2017 - 4/8/2017

University of New Hampshire
105 Main St
Durham, NH 03824



Special Thanks

Big thank you to our sponsor, **Analog Devices**, for providing us food at our latest competition!

Mentorship

Team 4909 is willing to mentor any start-up FIRST Robotics Team

If you are interested... Contact us at our website [here](#)

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