



Seasonal Journal of The Charge Robotics
FRC Team 2619
2015, Pre-Season

Team Leadership

President Satyajit Sarkar
Vice President Brittany Ammerman
Secretary Bailey Flint
Business Lead Anna Allsop
Mechanical Lead Cameron Curtis
Mechanical Co-Leads Kiley Mowry, Emily Dean
Electrical Lead Sam Gilson
Electrical Co-Lead Michael Most
Programming Lead Amanda Kline
Programming Co-Lead Cole Schaar
CAD lead Cay Wagner
CAD Co-Lead Yuya Nishida
Safety Lead David Keptner



On Your Mark, Get Set, Charge! Science and Engineering Festival

The charge joined FRC teams Phoenix and BlitzCreek at Delta College in September to display the exciting side of STEM. 3,000 elementary and middle school students participated with robots throw Frisbees and basketballs. The “future stem leaders” also made levitating magnetic cars.

Adopt-a-Street

On May 15 and October 25 The Charge team worked in the community by cleaning up trash on Patrick Rd. in Midland, MI. The 2015 robot assisted the workers in carrying trash bags and extra water bottles to keep them hydrated. Twice a year, The Charge cleans up this area in order to give back to the community to show thanks for the support and apply those *FIRST*® philosophies outside of robotics.

Bot Bash

The Great Lakes Bay Bot Bash was held October 10 at H.H. Dow High School. The event was sponsored by Dow Corning and hosted by sister teams from Dow High, Bullock Creek, Mount Pleasant and Saginaw. Over 21 teams participated with their 2015 robots in a modified Recycle Rush game. This off season competition helps teams prepare and familiarize new teammates with *FIRST*'s friendly spirit of competition.

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Did you know?

- The Charge met in a motorcycle shop, airplane hangar, and garage before finding a home in the Franklin Center.
- The Charge has had the famous “red eyes” on every robot since 2010 and has kept every robot since 2010...coincidence?!?!?
- The “greeter” robot in the entryway of the Franklin Center is actually our very first mascot costume of Sparky Charge!



What Is Coming Next

Standish District Competition

The Charge will be competing March 4-5, 2016 at the season opener of FRC's STRONGHOLD in Standish, MI.

Midland District Competition

March 18-19, 2016. All public is welcome. This competition will be held at Dow High.

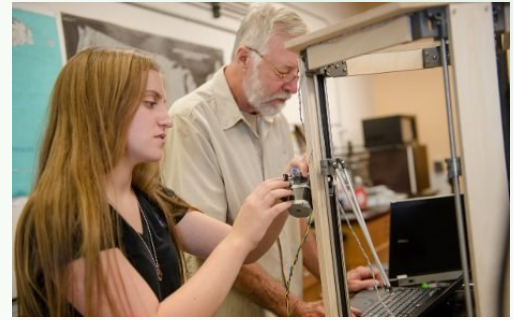
Team dinners every Friday!

6:00 PM Pizza or other volunteered entrée provided. Come hungry!

The Charge Robotics FRC Team 2619
Herbert Henry Dow High School
Build Site: Franklin Center
2900 Dauer St.
Midland, MI 48640

Unleashing Their Potential

Charge alumna, Jill Poliskey, is working with Eric Freisen at Michigan Tech to bring a 3-D printing



to Nicaragua in support of the group Enabling the Future. The organization uses open source RepRap technology to build prosthetic hands to help disabled citizens enter the workforce. This technology, paired with CAD design, uses recycled scarce resources and "...can be life changing around the world" according to Freisen.

Winter Stem Camp

Children from the Midland County area, ranging in ages from 7-12, spent December 5th with The Charge at the



Franklin Robotics Center.

During the interactive STEM camp they explored electricity, physics, and engineering by incorporating entertain-

ment and education in high tech projects. The longer summer camp will be back in July, 2016.

