



Season Journal of The Charge Robotics  
FRC Team 2619  
2016, Build 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!

### Kickoff Takes a STRONGHOLD

The Charge, along with the rest of the Great Lakes Bay Region teams, kicked off the 2016 build season at Bullock Creek High School on January 9<sup>th</sup> with the release of the new game, STRONGHOLD. The team began brainstorming ideas to get through 9 defenses, scale the opposing tower, and launch boulders. "Not all teams are going to tackle it at the same level," mentor Mrs. Murray said. As in previous years, *FIRST* has combined several challenges in one game. "Once again, they are thinking in a multi faceted way to allow teams a range of goals," Murray said. The Charge is already deep into plans that will hopefully have a *strong* showing and include another opportunity to take the team to Championships again.



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### Did you know?

- The Charge participates in Funky Pants Friday by wearing the craziest, most unique pants to those meetings.
- Over 58 Charge alumni have pursued a career in a STEM field at the collegiate level.
- About 57% of the full team has attended all 6 practices per week. In build season
- The Charge's official team candy is Sour Patch Kids.



What Is Coming Next

## Standish District Competition

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

## Midland District Competition

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

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

## Unleashing Their Potential

### Unleashing Her Potential

Recent 2619 alumna, Audrey Wilkie, is a mentor on FRC Team 5509 "Like a Boss" for Midland High School. "Like a Boss" is one of the 3 teams



located in the Franklin Robotics Center and they all work together. "Mentoring is a totally different experience. It helps me understand mentors I've had in the past, and appreciate FIRST a whole lot more." Wilkie graduated from MHS in 2014, her last year being on The Charge. Graduates are not allowed to immediately return to The Charge as mentors. They need to work with other teams for a few years. "It was something that I loved, enjoyed, and helping to start up a new teams is something I desired to do" Wilkie said. Although Wilkie is not going into STEM directly, the skills she learned while on The Charge will make her successful in the future. "Being a business/marketing major, and being able to balance those is great as a small business owner. Working with conflicting viewpoints is a large part of it, and finding a compromise is most important." Audrey will continue to work with 5509 in her free time as she pursues her career.

### That's So RADD

LEDs are a trademark of the Dow High robotics team. The Radiant Audience Dazzling Display has 128 individual LED's in two 2ft x 1ft circuit boards. Wired by students, this programmable sign will give the team greater opportunities to showcase team spirit in the stands at competition or display team sponsors and basic information to visitors in the pits or build site.

