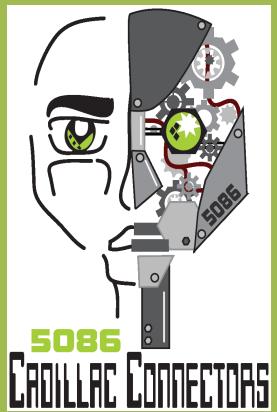




Cadillac Connectors Robotics 5086 | April 11, 2017

# ROBO TIMES

## Special Edition



### We're Going to States Baby!!!

**"Technology is how we create wealth, how we cure diseases, how we'll build an environment that's sustainable and also gives people the capacity to pull more out of this world and still leave it better than when they found it." ~Dean Kamen**

TRAVERSE CITY- After an intense few days of dancing, nail painting, a human robot match (courtesy of Connector Justin Bechtel) and cheering (that has left more than a few of us with sore voices), goal one is complete. States here we come!

While not as successful as our Kettering competition, these past few days have been quite remarkable. We were one of 24 teams invited to compete in the Quarterfinals. Although eliminated in the Quarterfinal round, we managed to earn 20 points from the robot competition, and another 5 for winning the Entrepreneurship Award during the Traverse City event this past weekend, for a total of 99 points for the season; which qualifies us for the State event, where xxxx teams will compete to move on to the World event at the end of April. We are tied for 43rd in Michigan with 2137 (TORC) and 3452 (GreengineerZ).

In Traverse City, we joined an alliance with the Robo Herd (Team 5110) and the Tool Cats (Team 5525). Due to electrical challenges that included losing communication with our robot with just five inches to a successful hang on the airship during the first round, and then having our battery cable disconnect during the Auton portion of the second round, we were reminded of the criticality of electrical cables. The 257 to 208 win went to the alliance of teams 6075, 1711, and 6097.

States will be held this Thursday-Saturday (13-15th) at the Ryder Center at Saginaw Valley State University. We hope you can attend! For the full agenda and more info visit: <http://www.firstinmichigan.org/events/eventInfo.php?id=70&program=frc>

Drive team members Leif Olson, Kyle Pike, Alex Whipple, and mentor Jim Jakubos move Sidewinder off the field after a match.



### Sweet Success and Well Deserved Recognition

#### Entrepreneurship Award



Our business team, led by McKinsey Crozier, won the Entrepreneurship Award. According to FIRST, this award "Celebrates the entrepreneurial spirit by recognizing a team that has developed the framework for a comprehensive business plan to scope, manage, and achieve team objectives." McKinsey will be leading the team of Andrew Peters and Shannon Metzger during their State presentation later this week.

#### Engineering Inspiration

Along with the Entrepreneurship Award, the team of Shannon Metzger, Joshua Jacobson, Leif Olson, and McKinsey Crozier will present details of their design when they compete for the State level Engineering Inspiration Award, which they were recognized for at the Kettering Event. This award "Celebrates outstanding success in advancing respect and appreciation for engineering within a team's school and community."

#### Safety

Anna-Marie Seitter won her 3rd Safety Star of the day.

NEMO mentor Renata Olson poses with Business Team Lead McKinsey Crozier, Awards Team Lead Shannon Metzger, and Mechanical Co-Team Lead Leif Olson after winning the Entrepreneurship Award at Traverse City Central High School.

FIRST is #morethanrobots: [https://m.youtube.com/watch?v=mtE6V\\_a6oOhU](https://m.youtube.com/watch?v=mtE6V_a6oOhU)

## Calendar:

**Thursday-Saturday, April 13th-16th:** State Competition, Ryder Center, Saginaw Valley State University  
**Wednesday:** Small EMO team leaves after school.

**Thursday:** Juniors leave after testing (~11:00am) Everyone else Thursday morning. Opening ceremonies @ 3pm

**Friday-Saturday:** Full day of Competition.

Full agenda available at:

<http://www.firstinmichigan.org/frc/documents/events/2017MichiganFIRSTRoboticsStateChampionshipEventagenda.pdf>



Spirit Team members (from left to right): Kendra Jakubos, Shannon Metzger, Amanda Blackmer, Annika Nelson, and sisters. Front: Deion Vo, fellow competitor from The Blaze, Tucker Bachman, and Justin Bechtel

Visit our website: [connectors5086.org](http://connectors5086.org)

@Team5086

And social media to see all our wacky pictures and progress on the current season, as well as our FB page for more information concerning our upcoming event.



We would like to thank Brenda Jakubos and Angela Peters - they are the official recipients of the "Best Fed Team Award". They provided food, and coordinated with the following families to keep us fed and ready for all of our matches:

Olsons, Metzgers, Bechtels, Kernohans, Blackmers, Whipples, Bachmans, and everyone else who sent goodies!

Special thanks also to all those who came out and supported us during our TC and previous competition; and to our Sponsors:  
**Supporters (\$50-200):** Lifetouch, G&D Pizza, Home Depot, Bandeen, Driver's Choice Auto & Truck, Networking Butler,

BC Pizza, Jimmy John's of Traverse City

**Advocates (\$200-500):** Cadillac Computer, Family Eye Care Associates

**Sustaining Sponsor (\$500-1000):** Stagg Machine Products, DK Design, Godfrey Chevrolet, Exxon Mobile, Cadillac ENT

**Executive Sponsors (\$1000-2500):** Rexair, Kendall Electric, Baker College, BorgWarner, Cadillac Casting, Avon Automotive

**Visionary Partners (\$2500+)** Cadillac Area Industrial Group



Are you able to donate to our club? Know students interested in Robotics? Want to be added to our distribution list?  
Email Shannon Metzger at [shametz578@gmail.com](mailto:shametz578@gmail.com) for more information. We hope you enjoy! :)