

Crevo Chronicle March



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Salutations!

Once again we have exciting news to tell you. In this issue you will read about how far we have come from end of our build season through our first competition. With your partnership, it was easier to achieve our goals, and have an efficient season. We will continue to send out these newsletters in order to keep you informed on our progress. Your support has gotten us very far and we are appreciative of your patronage. On page 3, you can find the dates of our competitions. We would love for you to attend!

End of Build Season

After putting in 5,000+ hours over our six build weeks, Crevolution was ready to show off our creation. We bagged our robot and we were proud of our results. Still, even after build season ended we had much to do in preparation for our first competition. Whether it was working on our Chairman's award, our practice bot, or organizing what we needed for our pit, we kept busy.

The Real McCoy (robot info)

Name: Pricus

Origin of Name: Pricus is the immortal father of sea goats, and goat rhymes with tote

Age: Nine weeks

Known for:

- Stacking and lifting totes
- Lifting containers
- Picking up totes from the ground



- Having a wicked mustache
- Using its intake to grab totes quickly and efficiently
- Containing specialty parts made from our 3D printer, thanks to Coca-Cola and Cubify
- Running a successful autonomous program

Relay for Life

Every year for the past three years, Crevolution has participated in our community's Relay for Life walk to support cancer research. If you would like to donate to this important cause, please visit the Crevolution ACS page at <http://goo.gl/fNCBre> and click the donate button. You can also make out checks to the *American Cancer Society* or ACS and mail them to:

37400 Dodge Park Rd,
Sterling Heights, MI 48312



Crevoluton team members posing on the Relay for Life track with the robot "Discobolous" a disc shooting robot still in use since 2013

IMPORTANT DATES

March 26-28

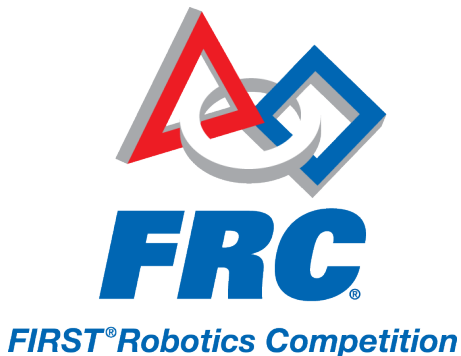
Center Line High School

April 8-11

Michigan District Championship
at DeltaPlex Arena- Grand Rapids

April 22-25

World Championship- St. Louis



Reach us at:

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<http://crevolutionrobotics.org>

Waterford Competition

On March 6-7 Crevolution participated in our first competition of the 2015 season. At Waterford Mott there were 39 teams made up 6 rookie and 33 veteran teams. There was tough competition and after the qualifying rounds we were ranked 16th. Those of us who weren't in the pits or on drive team were scouting all the matches and teams. Scouting helps Crevolution assess the abilities of other teams so we can make an informative decision when choosing a team for elimination rounds.

To boost morale, we designed and created awards to be given out to other participating teams. Awards included:

- Totes ma' Goats
 - Best stacking method
- Captains of Design
 - Most 3D printer parts used
- Da Vinci Code
 - Best autonomous programming
- Revolutionary Concept
 - Best design feature

After reflecting on our competition experience we came to the conclusion that work can still be done and that there is always room to improve our robot. We changed our strategy from focusing on totes, to containers. Container placement is what will make our team more valuable and wanted as an alliance partner. Our lift system for totes, called "Jerry", is being replaced by "Larry", a more reliable lift (specifically for containers). As a team we conducted a Pros and Cons list where we decided what needs to be changed and what should be kept the same. For many of us this was our very first robotics competition that we have ever been to, and it was a great reward for the many weeks of hard work we put in.



Thank You Partners!



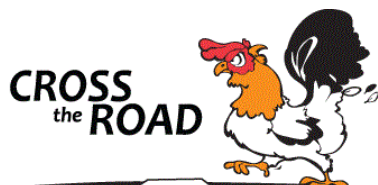
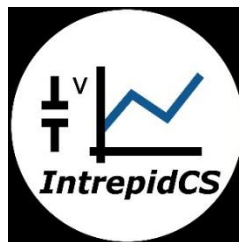
FIAT CHRYSLER AUTOMOBILES



ACCU-RITE



Drs. Hodor and Frascone



ELECTRONICS



ACME GEAR COMPANY, INC.
PRECISION GEAR CUTTING
PROTOTYPE AND SEMI PRODUCTION

GavCam LLC