



Letter from the Officers:

Dear Parents, Members, and Alumni,

As you all know it's the fifth week of build, and build season is as busy as ever. Mechanical has continued to assemble the robot and has machined the carriage, claw and bin grabber. They have also put together diagonal supports for the elevator.

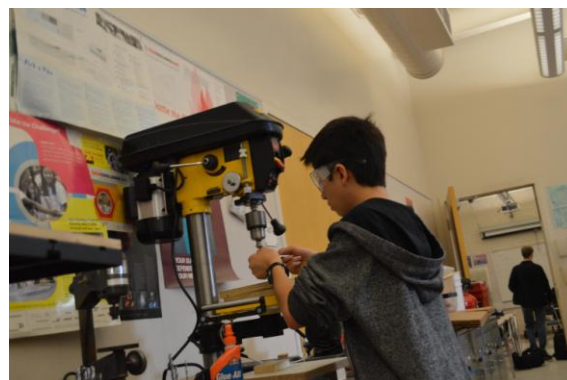
Operations is continuing to work on award submissions for the Chairman's Award and Dean's List Award. We also successfully submitted the Woodie Flowers Award and Entrepreneurship Award. We are currently finalizing many of the awards' essays and preparing our speakers for the Chairman's Award Speech. Media is diligently working on the animation submissions. We have finalized our button design for this year, and members are constantly making the buttons in preparation for our next event.

The end of build season is approaching; thus, we are working extra hard in preparation for our upcoming Utah Regional Competition. We appreciate all of your support and look forward to the competition season.

Thank you,

The MVRT officers

Archana Kikla (President) president@mVRT.com
Andrew He (Vice President of Engineering) engineering@mVRT.com
Lee Mracek (Director of Electrical) electrical@mVRT.com
Chirag Toprani (Director of Mechanical) mechanical@mVRT.com
RJ Cunningham (Director of Engineering Documentation) engineeringdata@mVRT.com
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Sophia Cao (Director of Media) media@mVRT.com
Sydney Howard (Director of Documentation) documentation@mVRT.com
Shovik Guha (Webmaster) webmaster@mVRT.com



MVRT mechanical member drills a part

PLANNED COMPETITIONS

March 12 – 14, 2015	Utah Regional Salt Lake City, Utah
April 2 – 4, 2015	Silicon Valley Regional San Jose State University
April 22 – 25, 2015	Championships St. Louis, Missouri

Upcoming Events:

-Stop Build Day: February 17, 2015



Division Updates:

Mechanical:

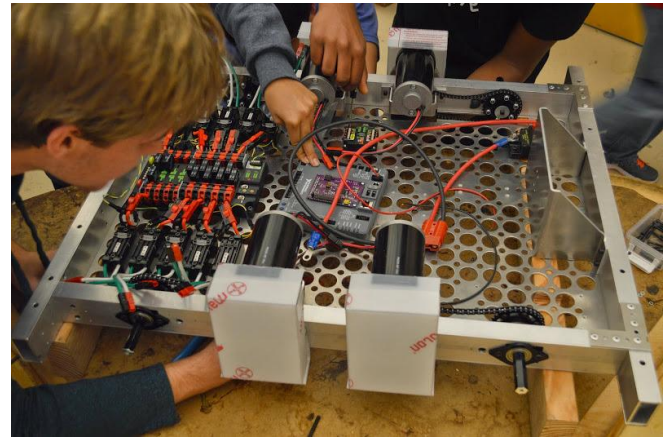
- Fabricated Polycarbonate grabber
 - Attached the diagonal supports on the elevator
 - Finished making gusset plates
- If you have any questions about mechanical, please email mechanical@mvt.com

Electrical:

- Wiring the two robots
 - Edited code to be tested for robot
- If you have any questions about Electrical, please email electrical@mvt.com

Engineering Documentation:

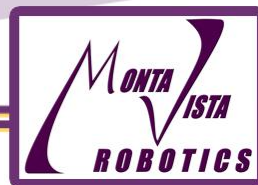
- Planned scouting sheet
 - Helping Electrical division wire the robot
 - Documenting build
- If you have any questions about Engineering Documentation please email engineeringdata@mvt.com



MVRT electrical members wire the robot



MVRT mechanical members work with mentor Mr. Yelinek



Public Relations/Outreach:

- Working on Chairman's Essay and Speech
- Submitted Woodie Flowers Award
- Began ThinkFIRST session at Lincoln Elementary

If you have any questions about Public Relations or Outreach, please email publicrelations@mVRT.com or outreach@mVRT.com

Finance:

- Submitted Entrepreneurship Award
 - Working on Motorola, Dell, and GoPro sponsorships
- If you have any questions about Finance, please email finance@mVRT.com

Media:

- Working on animation
 - Completed buttons
- If you have any questions about Media, please email media@mVRT.com

Documentation:

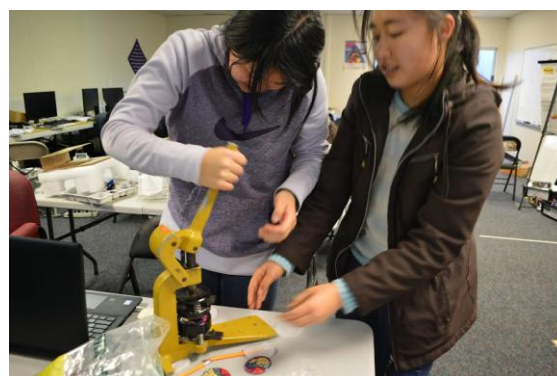
- Working on Chairman's video
 - Designing the new MVRT banner
- If you have any questions about Documentation, please email documentation@mVRT.com

Website:

If you have any questions about website, please email webmaster@mVRT.com



MVRT Chairman's Team works on the Chairman's award



MVRT media members start producing buttons for competition



Meet the Mentors: Mr. Toprani!

MVRT would like to thank Mr. Toprani for providing his input to the team. We appreciate all his advice for not only the engineering division, but also for operations regarding award submissions. And of course, we thank him very much for organizing the Parent Boosters Club and providing food for us!

He truly lends great assistance to the team, allowing us to succeed. Mr. Toprani helps the team with his knowledge and expertise. Without him, the team would be incomplete!

Thank you Mr. Toprani and all our mentors!



Parents' Booster Club:

Dear Parents,

We'd appreciate donations of paper plates as the team is eating two meals a day!

Parent volunteers for carpooling to SV Regional are needed!

Please contact utoprani@yahoo.com if you are interested in being part of a MVRT parents' club.



Electrical Rookie of the Week: Thank you Sankalp Agrawal for being a huge part of electrical!



Mechanical Rookie of the Week: Thank you Arnav Gupta for contributing ideas and working diligently!



FIRST Scholarship Opportunities (for juniors and seniors):

Every year, over \$20 million in scholarships are available to robotics team members through FIRST. These are underwritten by universities and businesses. Some scholarships are specific to a college or major; some are general. Not only does it benefit the team members, it also enhances the image of the team to be well represented with FIRST scholarships.

The majority of FIRST Scholarships require that a participant submits an application during his/her senior year of high school. There are, however a few FIRST Scholarship Providers who accept applications during an applicant's junior year, and even more importantly, Rensselaer Polytechnic Institute requires that an applicant apply during their junior year.

Please visit the FIRST Scholarship page: <http://www.usfirst.org/scholarshipsearch.aspx>

Deadline 2/17/15 - 3/1/15

Elbit Systems of America	\$5000 non-renewable – STEM Majors
University of Toronto	\$2000 non-renewable – Engineering
Steve Sanghi Scholarship	\$4000 to \$16000 – Engineering or Science Major
Southern California Regional Robotics Forum	\$1000 non-renewable – STEM Majors
Macquarie University	\$20000 non-renewable – Any
University of Ontario Institute of Technology	\$3000/year up to \$12000 – Engineering
Bradley University	\$2500/year up to \$10000 – Engineering
Colorado State University	\$1000/year up to \$4000 – Electrical or Computer Engineering
DePaul University	\$5000 non-renewable – Majors in College of Computing & Digital Media
Farmingdale State College	\$1000/semester up to \$8000 – Engineering, Science, Computer Tech, Math
Florida A&M University/Boeing	\$5000/year up to \$20000 – Minority, economically disadvantaged, or female student in Engineering
Georgia Institute of Technology	\$5000 non-renewable – Any
Indiana University Purdue University	\$1000 renewable – School of Engineering & Technology
Kettering University	\$5000/year up to \$22500 – Any
Lawrence Technological University	\$12000/year up to \$48000 – Engineering, Nominated by FIRST team
Marquette University	\$5000/year up to \$20000 – Engineering

To learn about the other benefits, such as internships, that become available once you become a FIRST Alum! <http://www.usfirst.org/alumni>