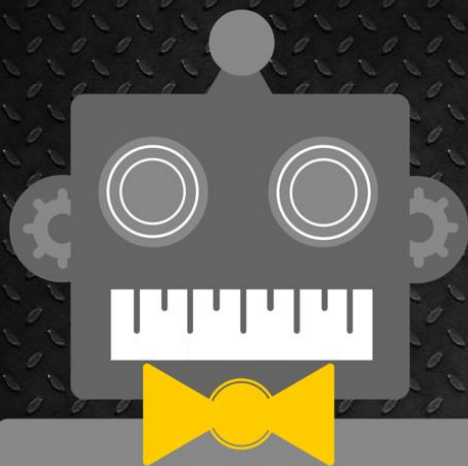




# The Piqued Geek

Art by Eric Joyner



## Upcoming Events:

### *FRC Volunteering:*

Duluth: March 1-4<sup>th</sup>Minneapolis: April 5-8<sup>th</sup>

## Large Group Meeting:

*Thursday, February 28th in  
STEM 300 at 7pm*

**A final Spring Semester  
schedule is posted on the [BR  
calendar page!](#)**

## Weekly Watts Up:

### Volunteering is Appearing!

Duluth and Minneapolis volunteering trips are set and planned! The Duluth, MN Regionals are March 1-4<sup>th</sup>, and the Minneapolis ones are April 5-8<sup>th</sup>. Hotel room and carpool arrangements have been sent out, and everyone should know where departure times, event locations, and who is going with whom.

Any outside volunteering hours should be reported to Jordyn in the next couple weeks as she tallies up our total volunteer hours this year for CSO!

### WANTED: MORE PICS OF BISON ROBOTICS HAPPENINGS

Emma would love to round up more photos this semester of what BR members are busy doing in all the different projects and for all the events! She would love to challenge you all to start taking more pictures so that she can share these captured moments of time with others on the various social media accounts! NEAT. Let the challenge commence. If you have any pictures, please send them to [emma.schreifels@nds.u.edu](mailto:emma.schreifels@nds.u.edu).

### BR's STEAM Stream Spotify Playlist

[Checkkkkk ittttt ouuuuutttt](#). If you have any songs with either titles or lyrics related to something in Science, Technology, Engineering, Art, or Mathematics, and it is not currently on the playlist, email it to [emma.schreifels@nds.u.edu](mailto:emma.schreifels@nds.u.edu)! Gracias!



Check out...

[Twitter](#)[Facebook](#)[Instagram](#)[Vine](#)[BR Website](#)[Trello](#)**Sun 2/18**

Newsletter!

**Mon 2/19**

NO SCHOOL!

**Tues 2/20**

ICCC: 8pm, Dolve 215

**Wed 2/21**

AGVR Program: 3,  
Mechatronics  
  
VGD: 6pm, QBB 106  
  
NRMC: 7:30pm, Dolve  
202

**Thurs 2/22**

LGM: 7pm, STEM 300  
  
Quad: 6pm, Dolve 117

**Fri 2/23**

NRMC Programming  
Palooza: Dolve 118,  
5:30 - the end

AGVR Electrical: 8am,  
Mechatronics

**Sat 2/24**





# Project Updates

## NRMC

Contact: Jacob.huesman@ndsu.edu

The manufacturing wizard (commonly known as Noah Curfman) has been at it again making parts for the bot. Programming is steadily perfecting the autonomous capabilities of the bot. Build is working on getting the robot prepped for practice and for the competition. Also, additional funds are being sought out.

## Quadcopter

Contact: Tyler.blanchard@ndsu.edu

Quad has chosen to pursue the [International Aerial Robotics Competition](#) in August 2017 in Atlanta, Georgia. The group is currently looking for people with vision tracking experience! The Drone Racing League is also on the itinerary for the year. NEAT.

## Snowplow

Contact: brady.goenner@ndsu.edu

Although the group was unfortunately unable to attend this year's competition, plans for next year are already underway. The project is looking for a new project lead to start training in and then who will take over full time next year. If you are interested, contact Brady! There will be a survey for meeting times sent out soon.

## Volunteering

Contact: jordyn.t.johnson@ndsu.edu

FRC VOLUNTEERING: The dates are March 1-4<sup>th</sup> and/or April 5-8<sup>th</sup>!

Details have been sent out to those volunteering, so if you have any further questions

SEND ALL OUTSIDE VOLUNTEER HOURS TO JORDYN in the next few weeks as she is totaling up our volunteer hours for the year!

## Game Development

Contact: Brandon.witt@ndsu.edu

Everyone in this group needs to download the necessary programs. If you need to know what these are or how to get them, contact Brandon! The next few weeks will consist of basic tutorials! Grad Computer Science student, Ruben, has also been helping out; check out [the game he is currently working on!](#) Meetings are every Wednesday at 6pm in QBB 106.

## ICCC (Learn Code)

Contact: Joseph.cluett@ndsu.edu

ICCC is currently going over computer architecture and will be covering pointers and functions at its next rendezvous. All members will need to have CodeBlocks installed on their computers. Meetings are every Tuesday at 8pm in Dolve 215. To get updates, join the ICCC GroupMe by contacting Joe!

## Miscellaneous/Other:

Any questions? Lost on where to begin or how to do something or even what there is to do? Check out the [Bison Robotics Member Guide](#)! This will be your best non-human friend; I promise you. If you have something that you think should be added to it, email emma.schreifels@ndsu.edu!

*"Fame is a vapor. The only thing that exists is oblivion."*

- Marc Olberding

**CHECK THIS OUT.**



## Battle Bots

Contact: Kevin.king@ndsu.edu

The date for the Battle Bots tournament will be March 27, 2017 at Ohio Northern University. The bot building has started since all parts are here, and programming has commenced! The next meeting is Monday, Feb 27<sup>th</sup> at 7pm in Dolve 215.

## Ri3D

Contact: Tyler.Danielson@ndsu.edu

The 2017 GreenHorns team was composed of 28 college students, most of who were from Bison Robotics. If you would like to check out this year's FIRST Robotics Competition game, go [HERE](#). The YouTube Channel for the GreenHorns is [HERE](#).

## AGVR

Contact: karl.klindworth.2@ndsu.edu

Meet Hank. He's pretty neat.

