

# The Piqued Geek

## Upcoming Events

**Mon 10/12-Fri 10/16**  
Battle Bots Bake Sale, 10-2pm

**Fri 10/30-Sat 10/31**  
BEST Competition Volunteering  
F: 8am-8pm, Sa: 7am-5pm

**Wed 11/11**  
Cards Tournament Fundraiser

**Fri 12/4 – Sat 12/5**  
FRC JUMPSTART \ Volunteering

## Next Large Group Meeting

**Mon 10/26: 7pm in Dolve**

Project Updates

Halloween Festivities

Current Preferred Logo:



## The Weekly Watts Up

### Battle Bots Bake Sale

In order to raise funds for Battle Bots, Bison Robotics is holding a bake sale Monday through Friday of this week 10am-2pm at the CME Auditorium! Contact Jordyn at [jordyn.t.johnson@ndsu](mailto:jordyn.t.johnson@ndsu) for more info! Sign up [HERE](#), and make sure to pick up some sweet snacks to support Bison Robotics!

### LOGO SWITCHEROO

At the university's request, we are changing our logo. If you have any ideas, please email them to [tyler.d.peterson.2@ndsu.edu](mailto:tyler.d.peterson.2@ndsu.edu)!

### BEST Robotics Volunteers Wanted

We need some robotics mentors to help the Davies high school BEST robotics team of South Fargo, ideally 3-5 volunteers who are able to commit to at least two days a week for the next three weeks. In a perfect world, Tyler would like to find a few volunteers who are available to help with a Saturday build day on the 17th as well. Carpools can be configured. Contact [tyler.d.peterson.2@ndsu.edu](mailto:tyler.d.peterson.2@ndsu.edu) for more information!

**Time slots for volunteering:** 9:30-11-15am M,T,Th, F or 10-11:45am Wed

### Cards Against Humanity Fundraiser

On November 11<sup>th</sup>, Bison Robotics will be hosting a CAH tournament as a fundraising event. More information is to come, but please mark your planners! Contact [david.jedynak@ndsu.edu](mailto:david.jedynak@ndsu.edu) with any questions or comments.

### Snow Plow Team

This project group has entered two contests in January in St. Paul, MN where their snowplow will be required to autonomously plow a course. A programming and mechanical lead to work with Dr. Selekwa are needed. If you are interested, join the group on BlackBoard or contact [tyler.d.peterson.2@ndsu.edu](mailto:tyler.d.peterson.2@ndsu.edu).

### Ryan Swanson's Next Endeavor: FRC Drivetrain Project

In essence, the idea is to create a handful of FRC drivetrains to distribute with instructions on how to build them. More information is to come on this, including a meeting date, place and time. If you want the full spiel, contact Ryan at [ryan.j.swanson@ndsu.edu](mailto:ryan.j.swanson@ndsu.edu).

#### Tue 10/13

Bake Sale: 10-2pm, CME

Newsletter!

BEST: 9:30am, Davies HS

#### Wed 10/14

Bake Sale: 10-2pm, Union

BEST: 10am, Davies HS

#### Thurs 10/15

Bake Sale: 10-2pm, Union

BEST: 9:30am, Davies HS

#### Fri 10/16

Bake Sale: 10-2pm, Union

BEST: 9:30am, Davies HS

#### Sat 10/17

BEST Build Day

#### Sun 10/18

#### Mon 10/19

Quad: 6-8pm,

BEST: 9:30am, Davies HS

Project Updates due @ 5pm

Battle Bots: 4 or 5pm





# Project Updates:

## NASA Mining Competition

Contact:  
tyler.roen@gmail.com

The mechanical systems are nearly complete, and the group is now figuring out housing for the electrical components. Their goal is to have the robot ready for some level of testing in a sandpit as of Monday the 19th at 3pm.

### BEST Robotics:

- 1) Mentoring a team in South Fargo (check first page of newsletter for more info)
- 2) BEST competition volunteering at the Benson Bunker Field House on Oct 30-31. Contact [jessie.lee@ndsu.edu](mailto:jessie.lee@ndsu.edu) for more info, and sign up [HERE](#).

### FIRST Robotics:

We are looking at getting people signed up for the March competition volunteering. If you are interested, contact Kacy at [kacy.mccormick@ndsu.edu](mailto:kacy.mccormick@ndsu.edu) for more info!

## Volunteering Opportunities

Contact:  
[kacy.mccormick@ndsu.edu](mailto:kacy.mccormick@ndsu.edu)

## Quadcopters

Contact:  
[tyler.blanchard@ndsu.edu](mailto:tyler.blanchard@ndsu.edu)

The quadcopters are all built and in the Mechatronics Lab if anyone wants to check them out! The group is now working on creating code for autonomous, testing and trimming, and making a gimbal from scratch. Meetings are every Monday from 6-8pm.

There will be a Battle Bots Bake Sale that will start this week to help raise funds for prototyping. They have decided on a [competition](#) May 20-21, 2016 in Pennsylvania, and they are now working on devising a robot strategy and mechanical design. For more info on the mechanical small group, contact [nick.m.carlson@ndsu.edu](mailto:nick.m.carlson@ndsu.edu), and for more on the electrical small group, contact [james.drewelow@ndsu.edu](mailto:james.drewelow@ndsu.edu).

## Battle Bots

Contact:  
[jordyn.t.johnson@ndsu.edu](mailto:jordyn.t.johnson@ndsu.edu)

## Quote of the Week:

"[Jellyfish] are 97% water or something, so how much are they doing? Just give them another 3% and make them water. It's more useful." – Karl Pilkington

Post-it Note  
(click above!)