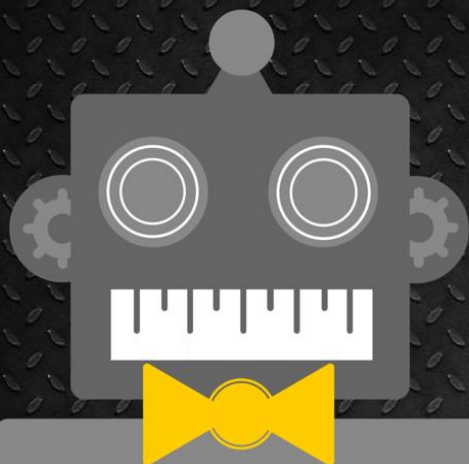




The Piqued Geek

Art by Eric Joyner



Upcoming Events:

Hungry Games: Nov 20th, 3pm, MU Ballroom

FRC JUMPSTART: Dec 3rd, SCSU, 7:30am – 2pm

Northern Plains BEST Competition: Dec 3-4th, Scheels Center at the SHAC

FRC Volunteering: March 1-4th, April 5-8th

Large Group Meeting:

Next: Nov. 17th

Only time will tell...

FUN STUFF?

Weekly Watts Up:

Career Preparation Workshop on TUESDAY

At 7pm in Dolve 118, Tyler Lane will be hosting another Career Prep Workshop about how to apply for jobs and internships as well as what to expect from them. Future presentations will be guided towards what the students and the audience want to hear, so if you have a suggestion about a topic you would like to learn more about, contact tyler.lane@ndsu.edu.

HIGHLY RECOMMENDED Upcoming Presentations by [Dr. Ericsson](#) at NDSU:

November 17th:

2:00-3:00 p.m. – “Aprille Ericsson's Path to NASA” (presentation to NDSU students and faculty on career pathway/Q&A about working at NASA – Century Theater, Memorial Union)

3:00-3:45 p.m. – Brief reception following the presentation

7:00-8:00 p.m. – “Let's Go To Mars” (presentation open to the community, Reineke Fine Arts Center)

November 18th:

10:15-11:45 a.m. – “Giving Technical Presentations” (presentation to undergraduate/graduate students as part of Interdisciplinary Research Day)

Volunteering is Appearing! Email jordyn.t.johnson if you are interested!

FIRST Robotics training event, Jumpstart, is happening on December 3rd in St. Cloud, MN. Bison Robotics members have been asked to help provide both presenters for the event as well as general volunteers in order to ensure the day runs smoothly. On the same weekend, BEST Robotics is having its Northern Plains Competition at the Scheels Center at the SHAC. Many different judging, refereeing, and pit crew roles will be available for both Friday and Saturday, morning and afternoon. Sign up [HERE](#) if interested, and put Bison Robotics as your organization.

It is about that time to be preparing for FIRST Robotics Competition volunteering! The Duluth, MN Regionals are March 1-4th, and the Minneapolis ones are April 5-8th. There are both technical and nontechnical roles available! You can sign up for one or both events, and the commitment is Wed-Sat for each weekend. Excuse letters will be provided for missing class, and fundraising will be done for decreasing the cost of travel and lodging.

WE NEED CANNED/NONPERISHABLE FOOD TO SUPPORT OUR NDSU HUNGRY GAMES TRIBUTES! If you can donate some, please contact Jordyn, ASAP.

Check out...

[Twitter](#)

[Facebook](#)

[Instagram](#)

[Vine](#)

[BR Website](#)

[Trello](#)

Sun 11/13

Newsletter!

Mon 11/14

Weekly AGVR Meeting – 5pm, Dolve 123

BattleBots – 7pm, Dolve 215

Tues 11/15

ICCC: 8pm, Dolve 215

Autonomous Snowplow: 7pm, Dolve 118

Career Prep Group – 7pm, Dolve 118

Wed 11/16

Quadcopter – 6pm, Dolve 215

NRMC: 7pm, Dolve 202

Thurs 11/17

Constitution Committee: 1pm, Upstairs Union, Art Gallery Couches

Video Game Development: 6pm, QBB 106

BR LGM: 7:30pm, Dolve 215

Fri 11/18

Programming Palooza (NRMC) – 5:30pm -11, Dolve 201

Sat 11/19

If you have any questions, please contact Ryan Swanson at ryan.j.swanson@ndsu.edu! Thanks!




Project Updates

NRMC

Contact: Jacob.huesman@ndsu.edu

NRMC may have found a space for a practice arena this past weekend! The group is canceling the outreach event until the robot is completed.

Mechanical is going to work on finishing and finalizing the robot design while electrical is working on high and low level components. NRMC also recently received \$3000 from Lund, which is awesome!

Quadcopter

Contact: Tyler.blanchard@ndsu.edu

The two quadcopter projects are going well. This group hopes to start practicing drone racing with its brand new racing drone that it purchased! It also has an idea for Innovation Challenge!

Snowplow

Contact: brady.goenner@ndsu.edu

Snowplow started rewiring and is working on programming the robot as well as developing the control system! Autonomous Snowplow meets every other Tuesday.

Volunteering

Contact: jordyn.t.johnson@ndsu.edu

FRC JUMPSTART Training Event Dec 3rd: Presenters and general volunteers needed.

NDSU Hungry Games Nov 20th: Need canned/nonperishable food to help our tributes through the game!

Northern Plains BEST Competition Dec 3-4th: Judges, refs, pit crew roles needed. Sign up [here](#) and select BR as your organization.

FRC VOLUNTEERING: Volunteers will need to start signing up, picking roles, and completing background check! The dates are March 1-4th and/or April 5-8th!

Please email Jordyn for more information if you are interested!

Game Development

Contact: Brandon.witt@ndsu.edu

The group will be crafting a variety of simple games in order to prepare for a larger project. VGD recently began work on a video game called Avas Adventure.

ICCC (Learn Code)

Contact: Joseph.cluett@ndsu.edu

This group is working on a block-pacing game as a project that should already be completed in a few weeks! ICCC meets every week on Tuesdays. Members need to have codeblocks with compiler installed on their computers if they don't already have that! Contact Joe with any questions or concerns!

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!

"The art of being wise is the art of knowing what to overlook."

- William James

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 group now has a tentative bill of materials, and will begin making a 3D model! The next meeting for Battle Bots will be Monday, November 14 in Dolve 215 at 7pm. The group is going to try making a modular robot that has custom parts to counter each specific opponent

Ri3D

Contact: Tyler.Danielson@ndsu.edu

Robot in 3 Days is one of BR's most intense events being that members are tasked with creating a fully-functional robot in a mere 72 hours. This event will take place in January, but planning and prep is starting now! Drivetrain and manipulator research has already commenced. Keep an eye out for more updates, and join the BlackBoard group if you are interested!

AGVR

Contact: karl.klindworth.2@ndsu.edu

The electrical team has designed the power distribution system and is working on integrating it; as for mechanical, they are designing the bracket for the SICK laser sensor. Programming is validating the PCB currently and testing for errors. Wiring will be done this week! Weekly meetings are 5pm on Mondays in Dolve 123.

