



## *NASA's MN Space Grant Consortium (MnSGC) 2020-2021 Quadcopter Exploration-Flying Challenge*



### **Participating Institutions**

- Augsburg University
- Century College
- Concordia College
- Hamline University
- Hill Murray School
- Minnesota State University Moorhead
- Normandale Community College
- St. Johns University
- University of Minnesota – Crookston
- University of Minnesota – Morris
- University of Minnesota – TC
- Winona State University

### **MnSGC / Concordia College contacts:**

- Professor James Flaten, MnSGC Associate Director, U of MN [flate001@umn.edu](mailto:flate001@umn.edu)
- Professor Thelma Berquó, Physics, Concordia College [tberquo@cord.edu](mailto:tberquo@cord.edu)
- TA: Ben Bogart, Concordia College, Senior student, [bbogart@cord.edu](mailto:bbogart@cord.edu)

## Fall semester

## Important dates

- ✓ Attend “Kick-off”, **10/14/2020 at 8 pm**
- ✓ Technical training, **10/28/2020 at 8 pm**
- Regular check in meeting with Ben every other week!!

**Please, send me your mailing address!!**

## Spring semester

- ✓ Regular check in meeting with Ben every other week!!
- ✓ Written report on the progress of: (**due on 01/22/2021**) We will have a template!!
  - Flying the Blue Heron
  - Using the practice hardware and actual hardware
  - Plans for flying
- ✓ Oral presentation pick a date (**03/10, 11, 15, 16/2021**)
  - Live report using slides and Zoom (15 min+ 5 questions) after the presentation the team can do the fly-off!!!
- ✓ Fly-off must be completed before **03/21/2021**.
  - Adviser will prepare the “mystery course” – we will send you parts and setup details
  - Teams will have a maximum of 30 min flying time.
- ✓ Promotional/educational video, 2 -3 min (**03/24/2021**)
- ✓ Final video with technical results, 10 min (**03/31/2021**)