

Vol 2 | Issue 10
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CNY Drones



STEM CHAMPIONS WELCOMED & APPRECIATED!!!

Ideas, volunteers & sponsors all help us provide our annual drone challenge & supporting programs! Get involved – be a champion!



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CNY Drones @RoboSpartans Robotics operates as a STEM group, graciously hosted under the 501(c)3 of the Griffiss Institute in cooperation with great community resources. We gladly accept monetary & non-monetary donations as well as new volunteers.

DRONES. EDUCATION. PIPELINE.
Providing Drone-Focused STEM Programs & Support

FOREST FURY Gathering Momentum!

Our sincerest thanks to all of those who supported the SUNY AMA UMASC 15104 & their hosting of the **3rd Annual Drone Info Day!** CADimensions, CNY Drone Works, Cornell Cooperative Extension, Griffiss Institute, NUAIR Alliance, Quanterion Solutions Incorporated, & the SUNY 3D Printing & Design & Fabrication Clubs all participated.



The annual community event felt right at home in the SUNY Student Center! CNY Drones kicked off FOREST FURY, the **2019 Team Drone Challenge**. Registration is now open to teams age 11+ for only \$75. The opportunity to compete in the anticipated 16 team, 2 field event will disappear fast! If you're interested, contact us or register today at <https://www.CNYDrones.org> & we'll connect you with other participating teams!

SYRACUSE AREA FRIENDS

Get ready to be a part of programs & volunteer opportunities! A meet-up is being set shortly with the help of friends at the Syracuse City School District. **Are you in?**

Collaboration Leads to Women's Drone Ambassador Program!

The Women's Fund of Oneida-Herkimer Counties, the Air Force Research Lab and the SUNY Academy of Model Aeronautics Student (AMA) Club are making our area's first Women's Drone Ambassador Program possible on Monday October 15, 2018. Our single session program is set for a conference room within SUNY's Center for Global Advanced Manufacturing (CGAM). The program takes a different approach to the lack of women in technical fields. Instead of starting with an event for young girls, CNY Drones will be targeting women from local businesses and providing an evening of hands-on experience with drones.

The goal of the program is to start conversations in community circles between ambassadors & parents of young women.



CNY Drones founders witnessed growth of student robotics through parent networking & are certain that a similar approach will not only help support future girls programs, but will influence families as they discuss high school class and college decisions with their daughters. We hope this will be the first of many programs backing Girls-in-STEM initiatives with what we consider a "back-door approach".

Drone Racing Continues @ SUNY Poly

Huge thanks to the team from Full Tilt Racing who joined in to help make NEON Night Race II a success! We anticipate great things down the road under your mentorship! The night was warm & the racing was hot! SUNY AMA's racing is heading indoors for the rest of the fall and winter. **NEON Night Race III returns on Saturday, April 27, 2019.**



ARTIFICIAL GREEN CHRISTMAS TREES & GARLAND WANTED!

As you start thinking about getting that tree out from storage, think about how old it is. Is it shedding like a real tree?

How about donating your old **green artificial** Christmas or garland tree to us? We could really use more trees for our two 30x60' fields of Forest Fury. Light free preferred. No silver, no purple, no pink please! We're willing to meet up in the Utica/Rome vicinity.

EXPERIENCE FPV to be Scheduled with Your Help!

Interested in a learn to fly program?

Our indoor 2-hour Experience FPV program will get you flying using First Person View goggles, professional-grade radio controllers and Tiny Whoop class drones! Our participant to mentor ratio is typically 2 to 1 and often 1 to 1. Our mentors are those who fly for the love of flying – all hobbyists & members of the Academy of Model Aeronautics. Registration is on our website. Ages 11+, no experience necessary. All equipment provided for use at the session. Want to be the first to be notified of our next session? We're filling in the remainder of 2018 & setting our sites on 2019. Tell us what you want!



AGRI & METRO-DRONE BRAINS WANTED!



Working with drones in agriculture? In more urban settings?

We need your ideas! Starting in January 2019, we'll be working on the **2020 Farm-i-Geddon** Team Drone Challenge for release at the end of September 2019. We're also planning far in advance for **2021 Urban Uplift!** We'd appreciate suggestions for a variety of agriculture & inner-city related flight missions & field elements. Let us pick your brain! As simple as a phone call, email or chat!

HOW DO WE OPERATE?

We're volunteer run & lower cost than for-profit STEM providers. We all pitch in & share as much as possible. In January of 2018, we moved from being completely sponsor-supported to offering all monetized services to cover basic program costs. Mentors are reimbursed for travel & time when they go on the road &/or provide more than a couple hours on contracted training. Our team gives back because they want us to have the equipment needed to continue to help students. All our donations & program proceeds cover the never-ending need for equipment. Our drone kits get quite beat up from new flyers. We work closely with sister volunteer groups such as the SUNY AMA UMASC 15104 who provides us with great student mentors & event hosting. We're a community group & not-for-profit under the Griffiss Institute. We help those who help us. We appreciate our sponsors!

*Help us with monetary & equipment donations,
donor & grant leads, planning assistance & event volunteers!*

We are run by the community, for the community. We invite your ideas! CNYDrones@gmail.com