

## Central New York's Drone Community Info Hub Promoting STEM Education & Safety Awareness

We're providing a local drone enthusiast information hub, along with STEM-based interactive demonstrations, clinics, workshops, races and a team drone competition, created out of concern for our community and backed by local organizations. Grow with us!



### Women & Drones Nominations Welcomed

**We've prepared an extensive list of local women in our community who we feel would be great candidates for our Women & Drones Ambassador Program.** Our goal is to introduce drones to local women who can spread the word about Drones in STEM to parents and young women in our community. Ambassadors would help encourage more female interest in local drone programs on all levels – K-12, extra-curricular, and college. Do you know someone who we may not have considered? It could be you, your co-worker, friend, relative or boss. Contact us and we'll add the name to our potential candidate list. Partial grant funding has been provided through the **Women's Fund of Oneida & Herkimer Counties.** Additional sponsors are requested to help provide an impactful event. We're determined to **give a group of women hands-on drone experience so they can encourage younger counterparts to get interested in area drone education and growing employment opportunities.** Ideas and connections welcomed. We need your support to get this program flying this summer! [Contact Us!](#)

### SUNY Poly AMA UMASC Hosts 2 Tech-Packed Events

The SUNY Polytechnic Institute **AMA University Model Aviation Student Club** is taking on hosting two CNY Drones events in April. Rig Rescue, our STEM-based Team Drone Challenge is set for Sunday, April 15, 8:00am-5:00pm in the SUNY Campus Center Gym. Our area's first NEON Night Race will be at Wildcat Field on Saturday, April 21, at dusk. SUNY Polytechnic students will team up with CNY Drones volunteers from area business and industry to present both events. The time to sign up as a competitor for either event is now! A pre-competition **Rig Rescue Informational Meeting & Practice Session** will take place on



315.732.1001 (leave msg.)  
[CNYDrones@gmail.com](mailto:CNYDrones@gmail.com)  
[CNYDrones.org](http://CNYDrones.org)  
FB / TW / IG: @cnydrones

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.

Friday, **March 16** at the Utica Jewish Community Center, 7-9pm. The March 16<sup>th</sup> Program is part of our **MAJOR MARCH MASH-UP**, an evening that includes an Experience FPV session for those new to drones and Friday Night Flights for regular flyers. Drone racers with questions about the NEON Night Race can contact the CNY Drones MultiGP Racing Coordinator, Paul Brown: [LouisPFloyd@gmail.com](mailto:LouisPFloyd@gmail.com).

## 2018 Sponsors, Donations & Volunteers Needed!



Looking to make an impact with a donation to something different? We document STEM impact and our regular contact with students and adults. We've reached out to thousands over the last 2 years through demonstrations, building and flying events. Help us maintain our vital community ties and our important mission of connecting to the drone technology education and employment pipeline! Contact us today! [Sponsor Info @CNYDrones.org](mailto:SponsorInfo@CNYDrones.org)

## Safety Video PSA Component Gives Rig Rescue Extra STEAM

Know someone with an interest in making videos? Here's a way to show off creative talent while promoting STEM. We're looking for students to participate in our FREE Drone Safety Video component of Rig Rescue. Participants information available in our Rig Rescue Manual, a downloadable file on our website. It's a wide-open competition for those ages 11+ that does not require participation in the flying challenge. Register through our website. Submit a 30, 60 or 90 second video on drone safety and see what happens!



## Indoor Flying Events Go Monthly

Monthly Friday Evening indoor flying opportunities are planned to keep our regular enthusiasts flying in all weather conditions and introduce new flyers to our indoor fun with Tiny Whoop class drones. We'll be targeting the first Friday of each month for special indoor events - either Experience FPV, Build, Fly & Take Home Workshops and Friday Night Flights - all to be announced. Keep watching the website for registration information!



## Outdoor Summer MultiGP Races

Monthly Sunday afternoon outdoor races are planned for every 3<sup>rd</sup> Sunday, May to September, at various sites from Utica to Chittenango. Each event will include STEM-based spectator activities – something unique to our Chapter. Get involved!

MultiGP Chapter information on our site:

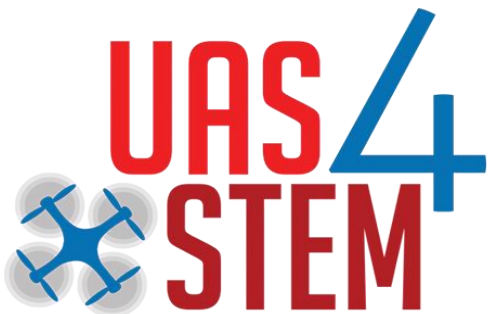
<https://www.cnydrones.org/community/multigp-chapter/>

MultiGP Racing site:

<https://www.multigp.com/>

## Successful Science Week Presentations @ Wonderworks Destiny USA

Two successful Drone Day presentations at Wonderworks has us working towards some mutually beneficial programs with our new friends. We were pleased to have received such positive feedback during Science Week. Options for flying events that give participants equal time using our drone flying equipment and for exploring Wonderworks are being discussed and will likely be introduced over the summer.



## MASC Registers for National AMA UAS4STEM Competition

Area students in the CNY Drones Model Aviation Student Club (MASc) have registered for National Drone Challenge through the Academy of Model Aeronautics (AMA). The high school level National Search and Rescue (SAR) Competition required participants to

study materials and take a written test in addition to creating a drone using an AMA provided kit. This year's challenge involves a flash flood scenario. While rescuers have determined a search area, they are unsure of the exact whereabouts and conditions of those stranded. Teams are called upon to provide rapid response, via an Unmanned Aircraft System, that can support the SAR mission. Elements include following departure and arrival procedures, reconnaissance, and payload deployment. The CNY Drones Club has received their entry package complete with a drone and radio controller kit that will allow participants to gain additional experience in building, mission planning, programming and flight skills. As the student and mentor team prepares for their first AMA competition, they plan to use the kit to promote the UAS4STEM program at Central New York's feeder program, the Rig Rescue Team Drone Challenge on April 15 at SUNY Polytechnic Institute.