



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

We provide 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!



### Annual Sponsor Request! We need your help!

We've reached out to thousands over the last 2 years through interactive demonstrations, building workshops and flying events. Help us maintain our important mission of connecting students to the drone technology education and employment pipeline! Check out our STEM accomplishments on our website! **See pg. 3 for our 2018 sponsor information - please consider a donation & share!**

**Projects we're working on** include: Women in Drones, Drone Golf Fundraiser, Fly & Play at Wonderworks, NYS Fair STEAM Exhibit, and an event for the NYC Police Department. We have a growing list of invitations and event ideas for this summer. All our volunteer and mentor opportunities are learning opportunities. Volunteer to see what we're about! [Volunteer Info](#)

### SUNY Student Club Hosts Major Local Drone Events

The SUNY Polytechnic Institute **AMA University Model Aviation Student Club** just raised the bar for other area college student clubs. Last Fall, the former RC Hobby Club became New York's first AMA UMASC



and partnered with CNY Drones to improve community drone safety and promote interest in STEM. This month, the club is hosting two action-packed events with **FREE spectator admission!** Rig Rescue STEM-based Team Drone Challenge is Sunday, **April 15, 8am-5pm** in the SUNY Campus Center Gym. Teams from Syracuse, Oneida, Vernon, Utica, New Hartford and Connecticut include a wide spectrum of ages and abilities. Flight crews will spend the day negotiating obstacles and challenge elements in a 30'x60' netted field. A MultiGP Drone Racing NEON Night Race will be at Wildcat Field on the following Saturday, **April 21, 7-11pm**. Drone racers with questions about the MultiGP NEON Night Race can contact Paul Brown: [LouisPFloyd@gmail.com](mailto:LouisPFloyd@gmail.com). Both events will include interactive STEM exhibits and access to safe flying information.

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.

## Utica Build, Fly & Take Home Workshop

A workshop just filled at SUNY Poly on April 16th. We'll likely run another in Utica this September. Let us know if you are interested as it will likely fill far in advance of an announcement. Attendees leave with some great beginner hobbyist gear and join a circle of flyers who share far beyond the classroom. Looking for a similar event in your area? Contact us!



## Monthly OUTDOOR Flying Events

Monthly afternoon outdoor races are planned for **every 3<sup>rd</sup> Sunday, May to September**, at various sites from Utica to Syracuse. Each event will include STEM-based spectator activities – something unique to our Chapter. We've tentatively booked July 21<sup>st</sup> with Peter Paul Recreation Center in Rome and look forward to planning a great event! More locations in the works.

## Monthly INDOOR Flying in Utica

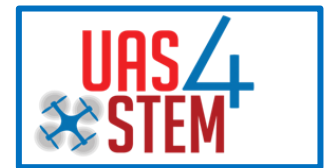
We are scheduling indoor flying opportunities at the Utica JCC based on interest. All indoor flying will be announced online and require **online pre-registration**. Each event will run with sufficient registration and collected donations/fees via PayPal to cover facility costs. Please continue to let us know what you would like to see offered.

## Model Aviation Student Club Progress

We're looking for students and adults who are interested in tinkering with drones and would like to be a part of our Model Aviation Student Club #15080. The CNY Drones MASC is currently working on a UAS4STEM entry package complete with a drone and radio controller kit. The build is part of a high school level National Search and Rescue (SAR) Competition. 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.

Sound interesting? Join us on April 15<sup>th</sup> to meet with our current MASC members and see what AMA MASC is about.

Have a drone group that could benefit from AMA MASC affiliation? As New York State's 1<sup>st</sup> MASC, we're here to let you learn from our experience and help you get started. We plan on offering more events in conjunction with SUNY Poly AMA UMASC and other developing clubs that wish to network with us.





## 2018 Fundraising Drive

### Help Us Provide Our Community Services!

#### Supported Programs

Our mentors, committee members & general volunteers spend hundreds of hours helping our community. Sponsor funding compliments our efforts. Together, we provide the following:

- 1) **Growth of our annual low-cost, STEM-based Team Drone Challenge** to encourage creative & cooperative participation by students and adults. The Challenge is now offered in partnership with the SUNY Polytechnic Institute AMA University Model Student Aviation Club. This group of passionate engineering college students helps us maintain a stream of student STEM & drone technology ambassadors – connecting college with community. We strive to keep team participation costs to a minimum. As interest increases, so does the need for equipment.
- 2) **Interactive demonstrations & clinics** get students involved in drones as a hobby, spark interest in other area programs & help students consider drones as an educational & employment option. Equipment is heavily used & requires regular maintenance and replacement. Invitations continue to outnumber resources.
- 2) **Development of new affordable drone workshops** using the latest equipment & presented by engineers & enthusiasts that introduce all ages to STEM skills involved in building, programming & flying.
- 3) **Growth of our Model Aviation Student Club** (under the Academy of Model Aeronautics) & promotion to area schools to develop networked clubs. Inner city, rural students & adults are offered opportunities to get immersed in drone technology through meetings with local engineers & enthusiastic drone technologists. AMA provides important insurance coverage, safety information & resources for our events & individual members.
- 4) **Development of our unique MultiGP Chapter** as hosts of regional drone races, tech events & clinics in concert with our AMA MASC activities. Different from most racing chapters, CNY Drones focuses on incorporating several interactive STEM activities for spectators. Racing is used to attract students to drone technology & as a lead in to the many educational & employment opportunities available in related fields.
- 5) **Growth of our information hub** – our website & social media presence function as the recreational drone owner education & safety information hub for our region, connecting & influencing locally & internationally.

#### Sponsorship Levels

##### \$5,000 **Community Commander**

- 1st position logo on 2018 website sponsor page
- News release announcement of donation
- Full individual organization logo on event signage with supplied logo
- Drone demonstration for organization employees
- Drone demonstrations and/or presentations as requested for causes supported by the Community Commander
- Personal thank you from CNY Drones

##### \$1,000 **Aeronautics Ambassador**

- 2nd position logo on 2018 website sponsor page
- News release announcement of donation
- Full individual organization logo on event signage with supplied logo
- Drone demonstration for organization employees
- Personal thank you from CNY Drones

##### \$500 **STEM Steward**

- 3<sup>rd</sup> position logo on 2018 website sponsor page
- Personal thank you from CNY Drones

##### \$250 **Fearless Flyer**

- 4<sup>th</sup> position large print name on 2018 website sponsor page
- Personal thank you from CNY Drones

##### \$100 **Drone Donor**

- Name on 2018 website sponsor page Patron List
- Personal thank you from CNY Drones

Sponsor Letter & Forms + details of our accomplishments are available at: <https://www.cnydrones.org/>  
 CNYDrones @RoboSpartans Robotics is graciously hosted under the Griffiss Institute, a 501(c)3.  
 Donations are tax deductible. Questions? 315-732-1001 or [CNYDrones@gmail.com](mailto:CNYDrones@gmail.com).