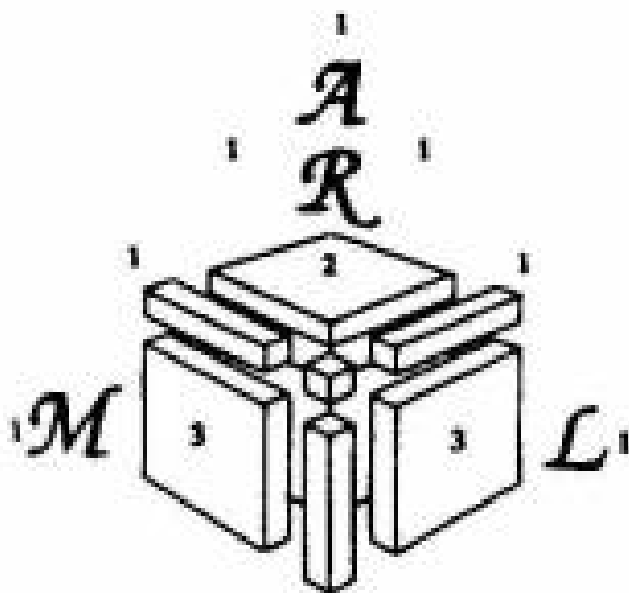


# Connecticut State ARML Team 2019



## Information Packet

# Congratulations...

on being accepted to participate on the Connecticut State Math Team for  
American Regions Math League (ARML) Meet  
to be held this year at:

Penn State University  
on Friday, May 31 and Saturday, June 1.  
We will return to Connecticut  
on Sunday, June 2.

This is a fantastic opportunity to compete and share experiences with some of the country's most outstanding math students and also give favorable publicity for you, your school and your community.

The trip is not just socializing. There is much preparation. Topics include analytic geometry, number theory, inequalities, logarithms, probability, progressions, trigonometry, etc. If you are weak in any of these areas, your math teacher will be glad to assist you or find a reference book for you. You could also visit the [arml.com](http://arml.com) web page and look at competitions from previous years.

## **Online Information**

The preparation to be done is to solve and analyze the problems given to you from past ARML contests. If you do not intend to prepare, then give one of the alternates the opportunity to join the team.

Information about the team and the trip, practice packets, solutions sheets, etc. will be posted on the Fairfield County Math League website.

Please use this link: <https://fcmath.org/connecticut-arml-team/>

## **Registration and Permission**

You will receive an email inviting you to join the team. Please let us know immediately by responding to that email whether you plan on accepting this invitation. If you need time to decide please let us know this by responding to the email, and then follow up with your decision within seven days (that is, by Thursday, April 11th).

If you don't receive the email by Saturday April 6th then please contact Mr. Allwood:  
[mallwood@brunswickschool.org](mailto:mallwood@brunswickschool.org)

The CSAML and Connecticut ARML team administrator is Mrs. Wilson: [mbcfsec@gmail.com](mailto:mbcfsec@gmail.com)

**All participants must bring a signed Student Permission Form to the first team practice on May 11th.**

Afterwards, if for any important reason you discover that you will be unable to come to Penn State on May 31st, please let Mr. Allwood know immediately. Please do not leave this until the last moment as this lets down your fellow team members and adversely affects the performance of the team.

## **Fees and Other Expenses**

The cost of the trip is **\$250** per person. *The fee has traditionally been absorbed by the individual's school.* If your school will pay for your fee, it's very important that you give the attached invoice to your math team advisor now so that he/she can get the money for you.

The money sent for the trip covers transportation, housing on Friday and Saturday nights and breakfast and lunch on Saturday.

Additionally, please bring money with you on the trip for **five** further meals:

- Friday breakfast (McDonalds)
- Friday lunch (A&W burgers / Arbys / Long John Silver)
- Friday dinner (with at least one other team member in the town of Penn State College)
- Saturday dinner (Hoss' Steakhouse)
- Sunday breakfast (Cracker Barrel)

All participants should pay the \$250 by May 11th. **Please refer to invoice included in this packet pay as soon as possible.** Make checks payable to **CSAML** and send them to:

**CSAML  
Janet Wilson  
110 Partridge Dr  
Rocky Hill, CT 06067**

## Accommodations

The dorms are not necessarily known for their luxury and amenities. Even though Penn State provides sheets, you must bring your own toiletries and personal items such as soap shampoo, conditioner, toothpaste, etc. **Do not forget to bring towels, blankets and a pillow.**

## Activities

The town of State College is a short walk from our dormitory at Penn State. Restaurants, arcades, stores, etc. are nearby. Students will not be allowed to leave the dormitory unless they are accompanied by at least one other teammate. The doors to the dormitory lock at 11:00 pm.

### Friday

Student recreation on Friday night includes gaming, card games, song contest, etc. in Finlay Commons. ARML typically sponsors a guest lecture by a prominent mathematician.

All students **MUST** be checked in the dorm by 10:00 pm. We will enforce an 11:00 pm lights-out on Friday for the Connecticut team.

### Saturday

After dinner most of us will go to the movies. If you're interested doing this, please bring extra money.

It is essential that all students be checked in at the dorm by 11:00 pm.

## Contact Information

The **emergency numbers** at Penn State are

East Hall	(814) 865-0465
Conference Center	(814) 863-5105
Police Emergency	(814) 863-1111
Michael Allwood (Cell)	(203) 561-4358
Janet Wilson (Home)	(860) 563-3150

## **Travel Information**

### Pick-up Locations: May 31, 2019

**Stop #1      8:00 am      Rocky Hill**

**Rocky Hill High School**

*The bus will park by the front tennis courts.*

**Stop #2      8:45 am      West Haven**

**Best Western Executive Hotel, Exit 42 off I-95 in West Haven**

*The bus will park in the back by the front (main) entrance.*

**Stop #3      9:45 am      Darien**

McDonald's Rest Area between exits 10 and 9 on I-95(S) in Darien.

McDonalds are located on both sides of I-95. Be at the one on the highway heading southbound.

*Gather in the food/services building and we'll proceed to the bus from there when it arrives.*

Times are subject to prompt departure and no delays on route. Please remain at your pickup point in case of a delay. Please be at your pickup point one half hour before the scheduled departure time.

### Drop-off Locations: June 2nd, 2019

On the return trip Sunday, June 2, we will stop at the same locations as those given above.

**All highway stops will now be at the rest stops located on the northbound side of I-95.**

Approximate arrival times:

Darien: 1:00 p.m.

West Haven: 2 p.m.

Rocky Hill: 2:30 p.m.

Times are subject to prompt departure and no delays enroute. Please ask the person picking you up to arrive at the pickup point in good time and to remain there in case of a delay. This is important as complications with pickups delay the homeward journey for the rest of the team.

## **Practice Sessions**

All members of the team are required to attend the TWO practice sessions. If for a very good reason you are unable to attend one of the practices, please let us know.

Your individual performance at these practices will help determine your overall ranking on the team. If you miss a practice, we will have less information on you.

Hamden Hall Country Day School  
1108 Whitney Ave  
Hamden, CT 06517

Practice 1: May 11th, 2019  
9:30–12:30

Practice 2: May 18th, 2019  
9:30–12:30

**Tentative Schedule for Practice I:**  
6 sets of individual questions (12 questions total)  
3 sets of team questions  
at least one relay round  
misc.

**Tentative Schedule for Practice II:**  
Power Question  
Relay Questions  
Team Round  
Individual Questions