GMP Students Design Winning Circuits

This fall, the students in GMP I engaged in extensive study of logic and its many applications, with a focus on electrical engineering. One project took the form of a contest asking students to design their own logic-based product that a) could realistically be manufactured, and b) would be marketable. After over 100 submissions, two students, Catherine Wei and Lillian Kahng, emerged as winners, converging on similar designs for a portable thermostat that turns any household fan on and off based on the temperature in the room. In the spring, students will be using professional tools to do the work required to actually manufacture the product. The image above is a prototype circuit of the design created by GMP I instructor Harry O’Malley and Electrical Engineering PhD Candidate George Sklivanitis in preparation for the students’ spring manufacturing experiences.
AMC 10 & 12 Winners

This year, GMP offered the AMC 10 & 12 contests on February 17th to students in GMP 3 through GMP 6. Here are the individual results:

The AMC 12 contest winners are:

1st Place: Aniruddha Nrusimha, GMP V
2nd Place: Peter Zeng, GMP V
3rd Place: Ann Wang, GMP VI

*Further congratulations to Aniruddha as he qualified for the AIME contest!

The AMC 10 contest winners are:

1st Place: Crystal Lu, GMP III
2nd Place: Nidhish Gokhale, GMP IV
3rd Place: Vamsikrishna Ratnakaram, GMP III

Congratulations to all of our students who participated!

Graduation

A graduation banquet and ceremony will be held for our GMP VI students and their families at the University Ramada at 6 p.m. on Thursday, May 5th. We look forward to learning about their future plans and celebrating their accomplishments with them. Information will be mailed to GMP VI families. We are proud of our graduates!

In the past, we have received scholarship donations to use in honoring one or two of our outstanding graduates. If you, your employer, or someone you know, is interested in providing an award of any size, we’d be happy to honor more of our students.
Apply to be a GMP Ambassador

Students entering GMP IV through VI next year are invited to apply for a position as a GMP Ambassador. GMP Ambassadors are GMP students who represent us to younger students, schools, families and alumni. This could be a great learning and leadership experience for you and for your college application. Plus you’ll earn some GMP swag. For more information and an application see our website (under announcements) http://giftedmath.buffalo.edu/. The application deadline is June 3rd.

New York State Testing

Schedules of Regents Exams and New York State Assessments can now be found on our website under http://giftedmath.buffalo.edu/current/state-testing.php. You will also find links here to practice test questions and important information about calculator use.

The schools have been notified to include our students in all state assessments, but we recommend that you check with your school to be sure your child is included.

GMP students in grade 7 and below will be administered a New York State math assessment at their appropriate grade level in April. GMP I students have been prepared for the 7th grade assessment. Younger students should try questions at their grade level. Sample questions have been published and are linked from our web page, New York State Testing.

Our GMP IV students have a situation identical to last year. This cohort is on the frontline of the Common Core Regents changes. Some schools will offer both the Common Core and the traditional Regents exam. As in previous years, we will offer separate review sessions each of these exams. We will be posting a list of topics not covered in GMP for those interested in taking the traditional Regents Exam.

GMP II students will take the Common Core Algebra Exam. GMP III students will take the Common Core Geometry Exam. All are strongly encouraged to attend GMP review sessions to be held in May and June. Information on these sessions will be posted on our website on the New York State Testing page when available.
Distinguished Accomplishments

**Joseph Juncewicz** (GMP II) earned the Presidential Scholarship for St. Joseph’s Collegiate Institute and was invited to join the Pompeiian Brother’s Honor Society Program. He also earned a Peter Canisius Presidential Scholarship and was invited into the Ignition School Honor’s Program at Canisius High School.

**Eli Fox** (GMP III) was the top-scoring freshman in the Genesee Valley Math Team league. He was also selected to perform on the All-Stars Math team.

We are happy to recognize the accomplishments of our students. Call the office or send us an email (gmpmath@buffalo.edu) and tell us about your activities so we can include them in a future issue of GMP’s Now & Again News!

Advanced College Credit Program at UB

UB offers an opportunity for high school seniors to apply to take courses for college credit. This may be of particular interest to students who have completed GMP in their junior year or graduates interested in summer courses. One note is that if you sign up for UB courses while still in GMP, the University fees can no longer be waived. The application can be found at: [http://admissions.buffalo.edu/counselors/advccprogram.php](http://admissions.buffalo.edu/counselors/advccprogram.php)

To find out what courses are offered, go to [http://registrar.buffalo.edu/schedules/index.php](http://registrar.buffalo.edu/schedules/index.php) Be sure to check for prerequisites.

Calendar Mentions

- There are no GMP classes on March 21st and 23rd.
- March 28th is a class day for GMP III-VI only, due to snow days.
- Our last day of classes will be Wednesday, April 27th.
- GMP VI Graduation Ceremony is on Thursday, May 7th.

Note that registration forms for last year’s college credit AND for next year GMP participation are due Friday May 13!

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