Internships and REU opportunities, small TALK, recent activities, and some miscellaneous news.

**Internships**

It’s time to apply for a summer internship, if you haven’t done so already. New opportunities come up all the time, here is a website with plenty of information on internships with the Department of Homeland Security. Another good website to find an internship/job with the government is studentsjob.gov. Some more opportunities:

- Dept of Defense (apply Dec-Feb)
- Dept of Energy (apply mid Dec)
- Dept of Commerce (Jan 19)

If you would like instead to learn something new and get paid in the process try to apply to one of the many REUs (Research Experiences for Undergraduates) in either Mathematics or Computer Science. On this website you will find plenty of information on how and when to apply. Deadlines start from late January, use your term break to prepare your application. For REUs in math this website allows for a clearer search but might not have all of them.

**Here** you will find information on a very interesting Summer Institute for Training in Biostatistics sponsored by one of the National Institutes of Health. There are 8 different locations where this 6 week summer program will take place. You will learn what is Biostatistics and what you need to know to start a career in this field, you will also be able to earn (free) college credit for participating.

**small TALK**

Our series has concluded for the year with our last talk from senior CS major Haley Blevins, earlier today.

We want to mention (and thank) also our last speakers: Dr. Portier, Kaitlyn Perry & Kristen Portalea, Jackie Kearney, and Chris Lewis. Would you like to be our next speaker and receive your duck? Contact Dr. Heinold and book your spot for next semester.

**Activities**

The Math and CS Dept Students vs Faculty Bowl challenge was a great success with
7 students team competing in a great challenge orchestrated by our own **Prof. Scott Weiss**. Here is a couple of pictures from the competition where the Faculty retained their title.

MAA students attending the **MAA regional conference** at Goucher College had the chance to learn what kind of math is behind animated movies. In addition they learned why math is important in art as well, and that polynomials are not as simple as we might think.

ACM students attended the **CCSC regional meeting** at Villanova University and 6 of them competed in a programming competition. They all assisted to talks on cloud computing, robotics, and using games to teach computer science. The Friday night banquet featured a 500-piece jigsaw puzzle at each table and a presentation by a computer scientist / magician.
On this newsletter we will keep you updated on when and where the next meetings will be, we hope you can join us.

**Miscellaneous**

1. Finals are behind the corner and you need a reason to study. This year Harry Potter can be your inspiration. Read [this](#).

2. An end-of-semester joke from your (exhausted) professors

   **After explaining to a student through various lessons and examples that:**

   \[
   \lim_{x \to 8} \frac{1}{x-8} = \infty
   \]

   I tried to check if she really understood that, so I gave her a different example.
   This was the result:

   \[
   \lim_{x \to 5} \frac{1}{x-5} = 0
   \]

   And because we are still professors we challenge you to find the professor’s mistake in the joke...

**Links**


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https://email.msmary.edu/owa/?ae=Item&a=Preview&t=IPM.Note&id=RgAAAAAh7YH...