Seniors On The Move

In a few short weeks, our seniors will begin the next chapters of their lives, and here are their plans.

Rendrall Banford plans to work for a year (probably in the Detroit area) before heading off to grad school in the fall of 2019. His long-range plans are to study computer graphics, working with real time applications.

Kevin Essenmacher will be working for the Department of Defense in Detroit at the old Detroit Arsenal. He will be working on top-secret projects about which he is forbidden to discuss. He also plans to begin a master's degree in mechanical engineering through Michigan Tech.

Alexandra Bieri will be heading off to graduate school to pursue a Ph.D. in applied mathematics. At the present time she has not decided which offer to accept.

Chase Schultz will be heading to Emory University in Atlanta, Georgia to pursue a Ph.D. in chemistry.

Nick Fuller will be student teaching in the fall in at Westwood Elementary in Portland, Michigan. He'll graduate in December and then begin looking for a teaching job.

The faculty in the Department of Mathematics and Computer Science wishes you well.

Thank You Cheyenne Kalfsbeek

For the past two years, *Cheyenne Kalfsbeek* has been a regular contributor to the Almagest. Her articles have been interesting, timely, and relevant. So, on behalf of the department and all of her fellow classmates, we say THANK YOU.

When you get a chance, be sure to ask Cheyenne about the exciting summer that lies ahead for her. She will be spending ten weeks as a summer intern at the National Institute of Health (NIH) in Bethesda, Maryland. She will be working side-by-side with some of the world's leading biomedical researchers.

During her time there, she'll take part in several career/graduate school workshops and seminars, and in July, she will attend the Amgen Scholars U.S. Symposium in sunny California. She'll be working on some research project (not sure of the exact topic yet), and in August she'll present her work at the NIH Poster Day.

Please be sure to congratulate her!

The National Institute of Health

In a Previous Life

Approximately fifteen years ago on a warm day in May, the Math & C.S. department challenged the IPHS department to a friendly competition; actually, it was a triathlon. Professors McNally, Molina and Sipka, prime specimens of physical fitness, went head-to-head against Professors Davis, Seelbach, and Anderson. McNally swam, Molina biked, and Sipka ran. In the end, it was a lopsided victory for the MCS department, and as you can see in the above photo, our colleagues in IPHS showed how much they respected our athleticism.
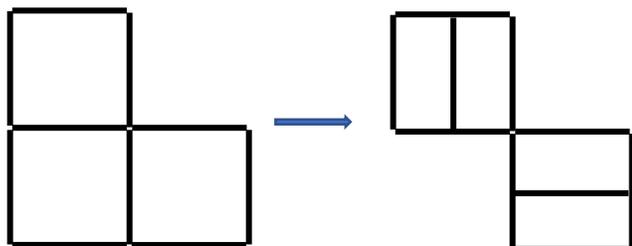
Math Team Heads to Hillsdale

On Saturday, April 7th, the team of **Brandon Hart** and **Roy Spencer** will represent Alma College at the *Lower Michigan Math Competition*, held at Hillsdale College. Be sure to wish them well.

Solution to Previous Puzzles of the Bi-week

Ten sticks have been arranged to form three squares of the same size. Show that it's possible to form four rectangles of the same size by moving only two sticks.

First-year student **David Bachelder** submitted the following solution.

Puzzles of the Bi-week

What is the missing number?

82	10
4	16

41	5
4	4

62	?
3	12

A prize of **$1 per puzzle** will be awarded to the 1st student who submits a correct solution to Prof. Sipka.