

# Math News

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## The Great Professor Match

You've had all summer to wonder. Here are the answers to the professor-hobby match. (Note that a complete list of hobbies would contain many duplications.)

Debbie Devlin	off-road four-wheeling
Gerry Wojnar	studying foreign languages
Frank Barnet	Shakespeare
Marc Michael	playing guitar
Mark Hughes	collecting antiquarian books
Kurt Lemmert	turkey hunting
Nazie Tootoonchi	solving jigsaw puzzles
Laxman Hegde	growing eggplant, etc
Rob Forsythe	listening to jazz music
Justin Dunmyre	juggling
Lance Revenaugh	exercising and walking

## The (Other) Summer Puzzler

What did the clerk find interesting when making change for \$11.09 from a \$50 dollar bill? One of each valid denomination was used:  $20 + 10 + 5 + 2 + 1 + .50 + .25 + .10 + .05 + .01$ .

## FSU Well-Represented at MathFest 2019

A sizeable contingent from Frostburg State participated in the recent Mathematical Association of America MathFest in Cincinnati, OH. Dr. Justin Dunmyre gave a talk on the success of FSU's Learning Assistant program and Dr. Gerry Wojnar presented a poster session entitled, "Cubics, Triangles, Cardano, & Statistics". Other faculty attending were Dr. Rob Forsythe and Dr. Kurt Lemmert, along with Dr. Edward White (retired) and Mrs. Roberta White (retired). As part of Project NExT, new-to-FSU Dr. Katie Horacek (See other story below.) also participated. The 2020 MathFest will be even closer to home, July 29 - August 1, in Philadelphia, PA.

## Spring 2020 MATH Course Offerings

236.001	MTRF	11:00-11:50	Horacek
236.002	MTRF	2:00- 2:50	Horacek
237.001	MTRF	11:00-11:50	Forsythe
237.002	MTRF	2:00- 2:50	Barnet
238.001	MTRF	11:00-11:50	Barnet
350.001	MWF	12:00-12:50	Wojnar
380.001	MWF	1:00- 1:50	Hegde
432.001	MWF	2:00- 2:50	Dunmyre
437.001	TR	2:00- 3:15	Horacek
440.001	TR	3:30- 4:45	Hughes
470.001	MW	3:00- 4:15	Dunmyre

## KME Corner

Our local chapter of KME will meet at 6:00 pm on Tuesday, September 24<sup>th</sup> in CCIT 223. This year's officers are Jordan Thomas, President; Katelynn Suesse, Vice President; Bailey Brewer, Secretary; and Chad Shumaker, Treasurer.

## DPS Friday Afternoon Schedule

09/20 Puzzles
09/27 Board Games
10/04 Puzzles
10/11 Rock Band
10/18 Puzzles
10/25 Board Games
11/01 Puzzles
11/08 Rock Band
11/15 Puzzles
11/22 Board Games
12/06 Puzzles

## Welcome to New Faculty Member

The FSU Department of Mathematics is quite happy indeed to welcome Dr. Katie Horacek as our newest colleague. She graduated from WVU this past spring with a Ph.D. in Mathematics, her dissertation being "Edge Colorings of Graphs on Surface and Star Edge Colorings of Sparse Graphs". She also has studied abroad in Germany. Dr. Horacek likes to hike, cook, and ride her bicycle. This semester, she is teaching Calculus I and Elements of Applied Probability and Statistics. Please feel free to stop by her office (CCIT 244S) and welcome her to Frostburg.

## Estimathon Problems

Here are just a few problems from the recent MathFest Estimathon competition in Cincinnati. Teams had only thirty minutes to answer thirteen such questions, without benefit of computers, calculators, phones, ..., just paper, pencil, and brainpower. It's kind of a trivia contest for math nerds. Estimates should be given in interval form, containing only positive numbers. To score well, you'd want to give narrow intervals that do indeed contain the correct answers.

- The number of grams of sodium you'd be consuming if you had "one of everything" on the Taco Bell menu.
- The great-circle distance between the two most populous cities in Africa.
- The number of positive multiples of 11 with distinct digits.