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"I CANNOT TEACH ANYBODY ANYTHING. I CAN ONLY MAKE THEM THINK." ~ SOCRATES

NOVEMBER 1, 2019

LPEF Math Department Breakfasts

Tom Kaberna likes to use food as a motivator. To encourage math department donations to the Lake Park Educational Foundation this year, he set a department goal of 20 contributors to the LPEF. After surpassing that goal, each campus hosted a hot breakfast.



Lancer Trophy

Ben Bishop

Ben was awarded the Lancer Trophy for his work as the AP Statistics team leader. He recently presented a session at the NCTM Regional in Salt Lake City.



Above left: Elizabeth Olinski & Tom Kaberna cooking at East.

At left and above: Margaret Gawrych, Candice Sagliano, & Ben Bishop cooking at West.

Not pictured: Alanda Mehic cooking at West.

Assorted Activities

This month we highlight some of the things taking place both inside and outside of the LP classrooms. Here are some examples of department happenings:

- **Tommy Gulo & Rakhi Mistry** – For Homecoming, students decorated the classroom door as an 80s arcade game.



- **Andrea Miller** – On October 13th, Andrea completed her fourth marathon. She ran it with two college basketball teammates and had a large cheering squad consisting of her brother, sister, and two daughters.



Miller with her daughters Hannah (left) and Calli (right)



- **Margaret Gawrych** – On October 30th, Margaret attended the State Portability Panel on Transition Math in Springfield, IL. The panel voted on 22 courses that were submitted by community colleges from throughout the state to indicate if the courses met the state requirements. The next meeting of the panel will be April 15th, 2020.
- **Ben Bishop & Candice Sagliano** – We presented a session at the NCTM Regional in Salt Lake City on October 17th. Our 60 minute session titled "[SCITSITATS PA: That's AP Statistics Flipped!](#)" was the 8th time we have shared with other teachers the strategies we have used to increase enrollment while continuing AP Exam success over the past few years.



- **Ben Bishop** – I attended a stats session about the effectiveness of election polls being able to predict the outcome of a race. The session discussed how to guide students through sampling vs. non-sampling errors and how to address the resulting margin of error, combine multiple polls for meta-analysis, and potentially correct the bias present in the poll as best as possible. This approach can be used with data sets that are local/familiar to students (e.g. political polls, sports, food, weather data) and allows them the chance to interact/play with the data in a meaningful way in terms of being able to make predictions.
- **Candice Sagliano** – I attended a session called "[Ready, Stats, Go!](#)" The presenter demonstrated two Desmos activities, one that plays Guess Who with histogram pictures and another that demonstrates probability with spinners. Both Desmos activities can be incorporated into any math class, are particularly useful as SAT preparation for basic statistics, and are linked in the presentation title above.