

Mathematics Clubs and Activities

Darci L. Kracht
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Math Club Advisor
Actuarial Math Club Advisor
PME Advisor

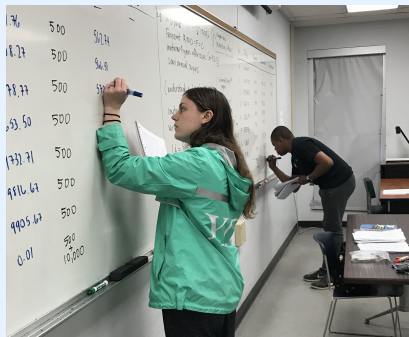
Department of Mathematical Sciences
Kent State University

COF Meeting
September 13, 2019

Scholarships: apply in early spring for next academic year!

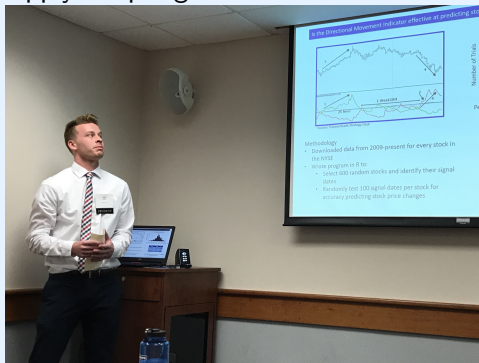
KSU Math Dept:

- ▶ Cummins Scholarship
- ▶ Bill and Linda Gainer Scholarship
- ▶ Harshbarger Scholarship
- ▶ Math Club Scholarship



SURE: Summer Undergraduate Research Experience

Apply in spring for summer 2020.



Independent Research Project

RESULTS

- Results are given in a range from low APV of expenses to high APV of expenses
- Estimates are for semi-private room costs in Ohio, and are sorted by male and female
- Females can consistently expect higher APV compared to male counterparts
- Lowest APV of costs would be for a male over the age of 95 at \$141,700

Low and High Cost Estimates

| Age | Male Low | Male High | Female Low | Female High |
|-------|----------|-----------|------------|-------------|
| 65-74 | 117,800 | 111,800 | 178,800 | 168,200 |
| 75-84 | 203,800 | 209,800 | 279,800 | 269,200 |
| 85-94 | 278,700 | 288,800 | 369,800 | 359,200 |
| 95-04 | 319,800 | 328,800 | 409,800 | 399,200 |
| 95+ | 141,700 | 149,700 | 191,800 | 189,200 |

YSU PME Student Conference: Saturday, February 22, 2020



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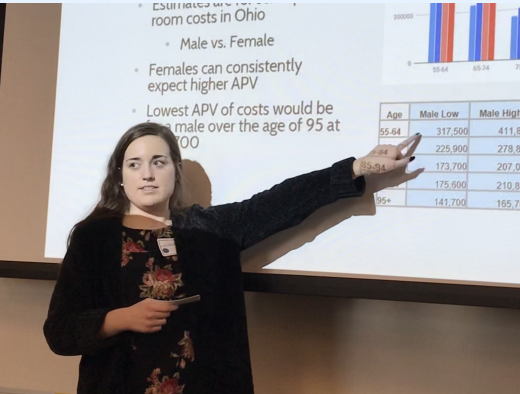
YSU PME Student Conference: Saturday, February 22, 2020

Estimates the APV of room costs in Ohio

- Male vs. Female
- Females can consistently expect higher APV
- Lowest APV of costs would be for a male over the age of 95 at \$100

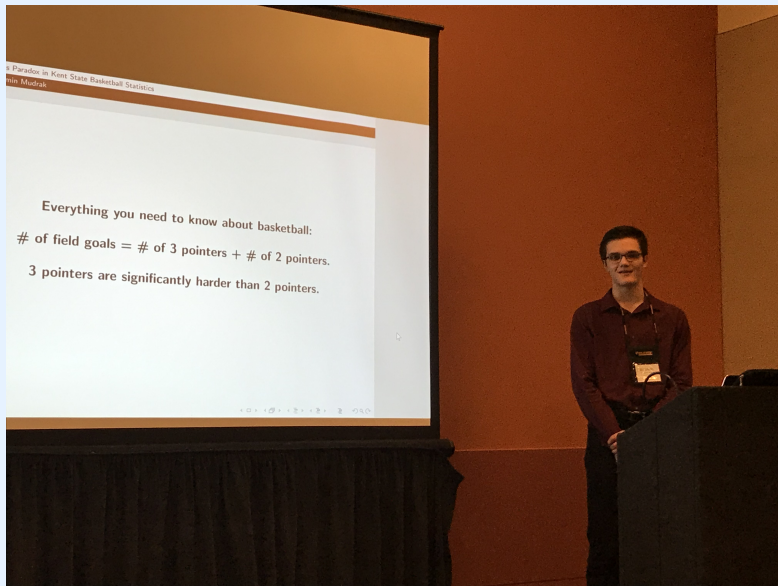


| Age | Male Low | Male High |
|-------|----------|-----------|
| 55-64 | 317,500 | 411,800 |
| 65-74 | 225,900 | 278,800 |
| 75+ | 173,700 | 207,000 |



MAA MathFest: July 29–August 1, 2020, Philadelphia, PA





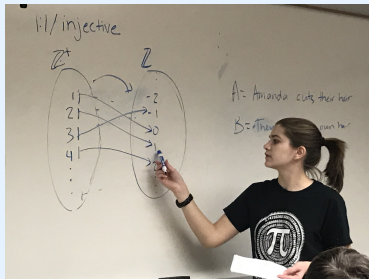
Math Club
Actuarial Math Club
Pi Mu Epsilon — Ohio Epsilon Chapter
Women in Mathematics



Math Club: Meetings 5:00–6:00 alternate Tuesdays



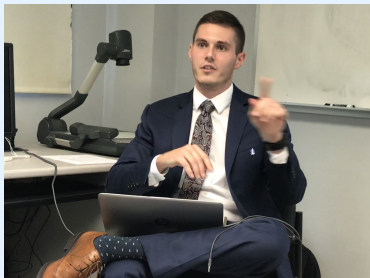
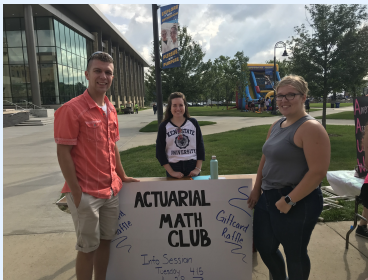
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Math Club



Actuarial Math Club: Meetings 5:30–6:30 alternate Mondays



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Internships: Apply in the fall for the following summer



Pi Mu Epsilon National Mathematics Honorary Society



- ▶ Open to all majors
- ▶ Requirements:
 1. 2 semesters of calculus plus 2 additional mathematics courses
 2. 3.0 overall GPA
 3. 3.0 in all mathematics courses
- ▶ Applications will be taken in the spring

Your Future!

