

2015 Governor's Institute in Mathematical Sciences June 21 – June 26

Meal Hours at Cook Commons Dining Hall:

Breakfast 7:00 – 8:30 AM
Lunch 11:30 – 1:00 PM
Dinner 4:30 – 6:00 PM

Sunday, June 21

4:30 Registration (Mercy Hall Lobby)
5:30 BBQ Dinner (Outside Mercy Hall)
6:30 Introductory Activities (Outside – rain location: 101 Fleming)

Monday, June 22:

8:45 – 9:35 *The Prosecutor's Fallacy, Bayes' Rule, and False-Positives*, Weaver (101 Perkins)
9:45 – 10:35 *Origami*, Chandler (101 Perkins)
10:45 – 11:35 *Sizes of Infinity*, Velleman (101 Perkins)
-- Lunch --
1:00 – 2:30 *Proving the Pythagorean Theorem*, Ashline (101 Perkins)
2:45 – 4:00 *Surprising Things you can do with Triangles*, Proctor (101 Perkins)
-- Dinner --
7:00 – 8:30 Math Amazing Race (meet in Mercy Hall lobby)
9:00 Ice Cream Social (Cook Commons Dining Hall)

Tuesday, June 23

8:45 – 10:35 *Evolutionary Robotics, Bongard* (102 Perkins)
10:45 – 11:35 *Versatile Coins*, Velleman (101 Perkins)
-- Lunch --
1:00 – 2:30 *3-D Printing*, Hathaway (101 Perkins)
2:45 – 4:00 *Slide Rules...Rule!*, Gottesman (101 Perkins)
-- Dinner --
7:00 – 8:00 *Careers and Colleges*, Counselors and Staff (101 Fleming)
8:00 – 10:00 Movie – *TBA* (101 Fleming)

Wednesday, June 24

8:45 – 9:35 *Latin squares and the Euler 36 officer problem*, Dinitz (101 Perkins)
9:45 – 10:35 *Hexaflexagons*, Schmitt (101 Perkins)
10:45 – 11:35 *Optimal Math and Geodesics*, Petrics (101 Perkins)
-- Lunch --
1:00 – 3:00 *Physics – Topic TBA*, Spartialian (Cook Physics Lab – TBD)
3:30 – 7:00 **Picnic at Oak Ledge Park**
7:30 – 9:00 *Problem-Solving Session*, Matt Wu (427 Waterman)

Thursday, June 25

8:45 – 9:35 *Graph theory: Planar graphs and platonic solids*, Dinitz (101 Perkins)
9:45 – 10:35 *Tower of Hanoi*, Schmitt (101 Perkins)
10:45 – 11:35 *Optimal Math and Geodesics*, Petrics (101 Perkins)
-- Lunch --
1:15 – 2:30 *3-D Printing*, Hathaway (101 Perkins)
2:45 – 4:00 *AERO – Alternative Energy Racing Organization*, Rex (101 Perkins/AERO Shop)
-- Dinner --
7:00 – 9:00 Student Presentations (427 Waterman)

Friday, June 26

9:30 – 11:35 *Measuring Water*, Schmitt (101 Perkins)
-- Lunch --
1:15 – 3:00 *Math Relays*, (Mercy Hall Lobby or outside)
3:15 – 3:30 Final remarks and Check Out (Mercy Hall Lobby or outside)