

# 2010 Governor's Institute in Mathematical Sciences June 20 – June 25

**Breakfast** 7:00 – 8:15 AM  
**Lunch** 12:15 – 1:00 PM  
**Dinner** 4:30 – 6:00 PM  
Tentative Schedule:

## Sunday, June 20

**4:30** Registration (Marsh-Austin-Tupper Main Lobby)  
**5:30** BBQ Dinner (outside Harris-Millis Dining Hall)  
**6:30** Introductory Activities (Billings Marsh Lounge)

## Monday – Friday Morning Classes

**8:30 – 9:25** “Mathematics and the Arts,” Weaver (101 Perkins)  
**9:40 – 10:35** “Chaos, Fractals, and the Mathematics of Prediction,” Danforth (101 Perkins)  
**10:50 – 11:45** “Evolutionary Robotics,” Bongard (102 Perkins)

**Except:** **Thursday morning: 9:40** course is “Bijective proofs,” with Greg Warrington (101 Perkins)  
**Friday morning: 9:40** course is “Innovation and Invention,” with Carlton Sheldon (101 Perkins)

## Monday, June 21

**1:15 – 2:45** “Mathematical Game: Instant Insanity”, Schmitt (101 Perkins)  
**3:00 – 4:15** “Rocket Science: The Mathematics of Projectile Motion,” Read (102 Perkins)  
**7:00 – 8:30** Math Amazing Race (meet in MAT lobby)  
**9:00** Ice Cream Social (Harris-Millis Dining Hall)

## Tuesday, June 22

**1:15 – 2:45** “Power off the grid,” Hines (101 Perkins)  
**3:00 – 4:15** “Problem-Solving Techniques,” Trono (101 Perkins)  
**7:00 – 8:00** “Careers and Colleges”, Counselors and Staff (L/L 315)  
**8:00 – 10:00** Movie – *TBD* (L/L 315)

## Wednesday, June 23

**1:15 – 4:00** Field Trip -- NRG  
**4:15 – 7:00** Picnic at North Beach  
**7:30 – 9:00** Problem session with Felix Wu (110 Jeffords)

## Thursday, June 24

**1:15 – 2:45** “Twenty Years of the Hubble Space Telescope,” Jefferys (101 Perkins)  
**3:00 – 3:30** “Rocket Science: The Mathematics of Projectile Motion,” Read (101 Perkins)  
**3:30 – 5:00** What Color is My Hat,” Dinitz (101 Perkins)  
**7:00 – 9:00** Student Presentations (L/L 315)

## Friday, June 25

**1:15 – 2:45** “Rocket Science: The Mathematics of Projectile Motion,” Read (meet in MAT lobby)  
**3:15 – 3:30** Final remarks (Marsh-Austin-Tupper Main Lobby)  
**3:30** Check out (Marsh-Austin-Tupper Main Lobby)