

NJ-NExT Spring 2015

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Our series of NJ-NExT workshops continues at the spring 2015 meeting.

SCHEDULE

NJ-NExT workshops will take place on the campus of Monmouth University in Edison 114 on Saturday 4/11. The MAA talks will be in the Wilson Auditorium of Wilson Hall.

9:00 AM – 10:30 AM	Arrival and MAA Talk	<i>Heronian Tetrahedra are Lattice Tetrahedra</i>
10:40 AM – 11:55 AM	Workshop 1	<i>Inquiry Based Learning</i>
12:00 PM – 1:30 PM	Lunch	<i>Common Core & its Implications for Higher Ed Mathematics</i>
1:30 PM – 2:45 PM	Workshop 2	<i>David Kung, Direction of Project NExT</i>
3:30 PM – 4:25 PM	MAA Talk	<i>Harmonious Equations: A Mathematical Exploration of Music</i>
4:30 PM – 5:00 PM	MAA Wrap-up	<i>Prizes and GSUMC Results</i>
5:30 PM	Dinner	<i>Charley's Ocean Grill (Reservation under NJ NExT):</i> http://www.charleysoceangrill.com/

Workshop 1

Session: Introduction to Inquiry Based Learning

Session Leader: Matthew Leingang (New York University)

Abstract: In this talk we will introduce the technique of Inquiry-Based Learning (IBL) in undergraduate mathematics teaching. IBL is a student-centered form of instruction with minimal lecture time and textbook use. We will watch and discuss a video of IBL in action, and highlight resources for those interested in trying this method.

Workshop 2

Session: Group work in math classes: Why to do it & how to do it better

Session Leader: David Kung (St. Mary's College of Maryland)