

## NJ-NExT: Spring 2018

Our series of NJ-NExT workshops continues at the spring 2018 MAA-NJ meeting, which takes place on the campus of **Rowan College at Burlington County in Mount Laurel on Saturday April 7, 2018**. Most events will be in Votta Hall. A detailed schedule of NJ-NExT events is provided here, and information about the MAA-NJ meeting itself can be found at: <http://sections.maa.org/newjersey/Main/index.html>.

9:00 AM – 10:20 AM	Arrival and MAA Talk	<i>What do mathematical models tell us about the dynamics and control of emergent and re-emergent diseases? (Carlos Castillo-Chavez, Votta Hall Auditorium)</i>
10:30 AM – 11:50 AM	NJ-NExT Workshop 1	<i>Getting over the hump: strategies for increasing student engagement (John Saccoman, Votta 142)</i>
12:00 PM – 1:30 PM	Lunch	
1:00 PM – 2:00 PM	Poster Session	<i>Student Poster Session (Votta Hallway)</i>
2:00 – 3:20 PM	NJ-NExT Workshop 2	<i>Using technology to improve mathematical reading and writing (Tom Hagedorn, Votta 142)</i>
3:45 PM – 4:35 PM	MAA Talk	<i>What can I do with a math degree? (or what I've done with math degrees?) (Amy Langville, Votta Hall Auditorium)</i>
4:35 PM – 5:15 PM	MAA Wrap-up	<i>Prizes and GSUMC Results</i>

### WORKSHOP DESCRIPTIONS

#### ***NJ-NExT Workshop #1***

*Led by:* John Saccoman, Seton Hall University

*Title:* Getting over the hump: strategies for increasing student engagement

*Abstract:* In many service courses, there are topics that can bog us down, and this feeling is almost palpable from our students. Fellows are invited to bring two topics from a course they teach that seem to be such stumbling blocks, and we will brainstorm ideas to make these topics more engaging/active.

#### ***NJ-NExT Workshop #2***

*Led by:* Tom Hagedorn, The College of New Jersey

*Title:* Using technology to improve mathematical reading and writing

*Abstract:* Two common difficulties mathematics faculty face are getting students to closely read their mathematics textbook and getting students to write mathematics well. We will discuss two recent tools that help. The first is Persuall, a website that enables students to socially annotate reading assignments before class and pose questions that can be answered in real time by classmates or the instructors. The second is the use of tablets and pencils, in combination with Learning Management Systems such as Canvas, to give quick feedback on student assignments and proofs. Fellows are encouraged to bring laptops to try out the software.