

## Western Division Meeting



# GREEN CHEMISTRY LABS AND LESSONS BY BEYOND BENIGN

Saturday November 4, 2017  
9:00 am to 12:00pm  
Woodstock Academy, Room 215  
Woodstock, CT



### Workshop description

Many traditional labs use chemicals that cannot be put down the drain and often put our students at risk if not handled properly. However, there are many inexpensive, greener labs that teach the same chemistry content in a safer, more cost effective way. Together with experienced classroom teachers, participants will get hands-on time with exciting green chemistry labs while collaborating with each other to share questions and ideas. The workshop will be led Annette Sebuyira and Raksmeey Derival, Lead Teachers from Beyond Benign, an organization dedicated to promoting green chemistry principles and practice at the K-12 level. Participants will walk away with relevant open access resources that increase student engagement while increasing classroom safety.

### Schedule for the Morning

8:30 Registration and Continental Breakfast  
9:00 Welcoming Remarks and Introductions  
9:15 Introduction to Green Chemistry  
and Hands-on Activities  
10:30 Break  
11:45 Wrap up and Closing remarks

### Location

The meeting will be held in the newly renovated chemistry lab at Woodstock Academy. Parking is located in the faculty lot behind the school.

Woodstock Academy, Room 215  
57 Academy Road  
Woodstock, CT 06281

[Click Here for Google Map](#)

[RSVP and/or Questions to Sharon Geyer sgeyer@woodstockacademy.org](mailto:sgeyer@woodstockacademy.org)

### Annette Sebuyira

Annette grew up as one of ten siblings and is fluent in seven languages, including Swahili. Annette received her BS in biochemistry at Elmira College and went on to earn her Master's in Science Education from State University of New York at Albany. Since 1991, Annette has taught at Guilderland High School in New York. She also teaches both forensics and chemistry for Syracuse University Project Advance (SUPA). During summer 2013, Annette participated in the Green Chemistry Summer Institute for high school teachers at Siena College and has since been implementing green chemistry principles and practice into her chemistry curriculum.

### Raks Derival

Raksmeey received her undergraduate degree from Suffolk University where she majored in biochemistry with a concentration in forensic science. Raks worked in drug testing and green chemistry research labs for six years before becoming an educator. She spent four years at Beyond Benign as a program manager for K-12 educational outreach where her work included training high school and college students in green chemistry practices, creating green chemistry lesson plans, and helping science teachers incorporate safer chemistry practices in the classroom. Raks now teaches chemistry, biochemistry, toxicology, and forensic science classes at Innovation Academy Charter School in Tyngsboro, MA. She's a proud Lead Teacher at Beyond Benign, and enjoys playing sports with her 2 young sons.