

Metro NExT (New Experiences in Teaching) Workshop

Friday September 17, 2021

10am-3pm



metronext.github.io

Welcome!

The Metro NExT Workshop is a mathematics pedagogy and professional development workshop geared towards graduate students, postdocs, and early-career mathematicians in the NYC metro area and is open to anyone who are interested in learning about new teaching techniques and in making connections with other math educators.

Schedule

- 10:00 AM **People Over Math: Using Restorative Practices to Build Community**
Pamela E. Harris, Williams College
- 11:00 PM **Communicating Mathematics to the Public**
Alex Kontorovich, Rutgers University
- 12:00 PM **Lunch**
- 1:00 PM **Lightning Talks**
Lightning talks by workshop participants (see reverse)
- 2:00 PM **Returning to the Classroom: Sharing Concerns, Goals, and Inspirations for a New Academic Year**
Discussion Session

Zoom Link

Will be emailed to registered participants on September 16, 2021

Invited Speakers

Pamela E. Harris is a Mexican-American Assistant Professor in the department of Mathematics and Statistics at Williams College. Her research interests are in algebra and combinatorics, particularly as these subjects relate to the representation theory of Lie algebras. She was the 2020 recipient of the MAA Northeast Section Award for Distinguished College or University Teaching, the 2019 MAA Henry L. Alder Award for Distinguished Teaching by a Beginning College or University Mathematics Faculty Member. She has recently coauthored the books “Asked And Answered: Dialogues On Advocating For Students of Color in Mathematics” and “Practices and Policies: Advocating for Students of Color in Mathematics”.

Alex Kontorovich received his PhD from Columbia University in 2007, and is currently a Professor of Mathematics at Rutgers University in New Jersey. He has also taught at Brown University, Stony Brook University, and Yale University. Most recently he has served as the Distinguished Visiting Professor for the Public Dissemination of Mathematics at the National Museum of Mathematics in New York City. He is the Editor-in-Chief of *Experimental Mathematics*, and serves as a Scientific Board Member for *Quanta Magazine*.

Lightning Talk Participants

Ralph Chikhany

Rebecca Conley

Margaret Grogan

Andrew Lee

Gina Reynolds

Workshop Organizers

Benjamin Gaines, Iona College

Monica Morales Hernandez, Adelphi University

Andrew Lee, St. Thomas Aquinas College

Tia Sondjaja, New York University

Johann Thiel, City Tech

Other Mathematical Events and Professional Development Opportunities

National MAA Project NExT Fellow

Application Deadline (for those currently in full-time positions): October 15, 2021 for those who are in position. Those hired during this academic year can apply by April 15, 2022. projectnext.maa.org

NYC Teaching Seminar

The New York City Teaching seminar is hosted by New York University. It focuses on applications of research in mathematics education to instruction at the collegiate level. We meet once a month during the academic year. During each meeting we discuss a selection of articles on a given topic. Past topics include metacognition, Inquiry Based Learning, cognitive load theory and writing assignments. For more information, please see our website: <https://sites.google.com/site/nycteachingseminar>

MAA Metro NY Section Meeting: Spring 2022 (date TBD)

Further information can be found on the section's website: <http://sections.maa.org/metrony/>

The 5th Northeastern Conference on Research in Undergraduate Mathematics Education (NERUME) Saturday, November 20, 2021 (online) <https://sites.google.com/view/pcrg/events/nerume>

Joint Mathematics Meetings 2021. January 5-8 2022, Seattle WA. Abstract submission deadline: September 21, 2021

SIMIODE Challenge Using Differential Equations Modeling (SCUDEM). Deadline for coach and student registration is October 23, 2021. <https://simiode.org/scudem>