

Metro NExT (New Experiences in Teaching) Workshop

September 14, 2018

Courant Institute of Mathematical Sciences

New York University

251 Mercer St., Warren Weaver Hall 109



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

10:45 AM	Registration & Sign-In
11:00 AM	Welcome & Introductions
11:05 AM	Introduction to Inquiry-Based Learning Corrin Clarkson, New York University
12:40 PM	Research/Teaching Lightning Talks Lightning talks by workshop participants
1:25 PM	Lunch
2:20 PM	Incorporating Computing in Your Math Courses Johann Thiel, City Tech
3:20 PM	Coffee & Tea Break
3:40 PM	Panel and Discussion: Establishing a Research Program Beyond Your Dissertation Work Aleks Donev, New York University; Johanna Franklin, Hofstra University; Sandie Han, City Tech; Brian Katz, Augustana College
4:30 PM	<i>Post-Workshop Get-Together</i> <i>West 3rd Common, 1 W 3rd St, New York, NY 10012</i>

Wifi Information

Please use the **nyuguest** or **nyuguest-legacy** network (username: guest060; password: dfulsoll). If your home institution uses **eduroam**, your home institution account can be used to log into this network.

Speakers and Panelists

Corrin Clarkson is a Clinical Assistant Professor of Mathematics at Courant Institute of Mathematical Sciences, NYU. She earned a Ph.D. in Mathematics from Columbia University and an AB from the University of Chicago. She has experience with Inquiry Based Learning as an instructor and as a student. She participated in the 2014 IBL Workshop at Kenyon College and is a 2017 Project NExT Fellow.

Aleksandar Donev is a Professor of Mathematics at the Courant Institute of Mathematical Sciences, New York University. He obtained his Ph.D. from Princeton University and had held postdoctoral positions at Lawrence Berkeley and Lawrence Livermore National Labs. His expertise is in the areas of applied and computational mathematics, computational materials science, and computational physics. His present focus is on fluid dynamics at small scales.

Johanna Franklin is an Associate Professor at Hofstra University. Before she took her current job, she held postdoctoral positions in Singapore, Canada, and the United States. Her research focus is computability theory, a branch of mathematical logic; she also directs the Hofstra actuarial program.

Sandie Han is a Professor of Mathematics at New York City College of Technology. She received her bachelor degree from Bryn Mawr College, master degree from Queens College and doctorate degree from the CUNY Graduate Center. She is currently the chair of the mathematics department, and the Principal Investigator on the US DOE MSEIP grant and Co-PI on the NSF S-STEM grant. She has publications in both mathematics education and pure mathematics in Number Theory. Her work on Self-Regulated Learning and self-efficacy won the 2013 CUNY Chancellor's Award for Excellence in Undergraduate Mathematics Instructions. In 2018, she is one of the eight selected to participate in the CUNY-Harvard leadership program.

Brian Katz is tenured at Augustana College and is teaching high school at Avenues:NY, co-authored the MAA textbook Distilling Ideas, and serves on the boards of PRIMUS, MAA's CRM, AMS Blog inclusion/exclusion, and IBL SIGMAA. BK is a geometer and researches questions of disciplinary epistemology, inquiry-based classrooms, and pre-service secondary teachers. BK loves singing and getting meta.

Johann Thiel is an Assistant Professor in the mathematics department at the New York City College of Technology - CUNY. He completed his Ph.D. in 2011 at the University of Illinois at Urbana-Champaign under the supervision of A.J. Hildebrand. His main research interests are in number theory (mostly analytic) and its applications.

Lightning Talk Participants

Sam Ferguson, New York University

Ben Gaines, Iona College

Suman Ganguli, City Tech

YongHong L McDowell, York College and City Tech

Lucie Mingla, City Tech

Lindsey Van Wagenen, New York University

Michael Woodbury, Columbia University

Drew Youngren, Columbia University

Workshop Organizers

Mutiara Sondjaja, New York University (sondjaja@nyu.edu)

Johann Thiel, City Tech (jthiel@citytech.cuny.edu)