

Welcome to the 5th Math Education Newsletter, and our first “Summer” issue! Our faculty and students have had quite the productive summer including participating in the Mathematical Association of America’s annual MathFest conference which was here in Boston this year! We’ve got a lot of new things beginning here which you can read about in the subsequent pages. As always, we love to keep in touch and highlight the work you’re doing, so let us know if you have anything you’d like to share in a future issue!



BU Wheelock Math Education Newsletter

New NSF Grant Studying Preservice Elementary Math Teachers

This summer, **Dr. Meghan Shaughnessy** received notification from the U.S. National Science Foundation that her grant proposal, “Collaborative Research: Connecting Formative Assessment Simulations of Mathematics Teaching to Classroom Teaching Practices” was selected as part of its EDU Core Research (ECR) program which emphasizes fundamental STEM education research that generates foundational knowledge in the field.



This project includes three studies to better understand (1) how well preservice elementary teachers’ teaching practices with grades K-5 students is captured in their teaching performance with simulations of teaching practice, (2) how preservice teachers receiving feedback on their teaching performance improves their performance during future simulations, and (3) how participating in the teaching simulations and receiving feedback on their performance improves pre-service teachers’ instructional practice when working with grades K-5 students.

MAA Mathfest



This summer, the Mathematical Association of America's annual MathFest Conference came to Boston. BU Wheelock Math Education Faculty, Postdoctoral Researchers, and Doctoral Students present their exciting work to colleagues from across the nation.

- Preparing Mathematics Teachers to Teach for Justice and Joy - **Greg Benoit, Aaron Brakoniecki, Eric Cordero-Siy, and Ale Salinas**
- A Festival Instead of a Paper - **Debbie Borkovitz**
- Learning to Teach Mathematics Responsively: Supporting Collaborative Pedagogical Reasoning between Novice and Mentor Teachers - **Annabel Stoler, Anna Dailey, Meghan Shaughnessy**
- Teachers' Selecting and Sequencing of Students' Proportional Reasoning Responses - **Aaron Brakoniecki, Julie Amador, and David Glassmeyer**
- An Alternative Assessment Practice for Secondary Mathematics: Lessons Learned from Implementation - **Anna Dailey, Allison Van Konynenburg, and Rebecca Baiman**
- Humanizing Mathematics: Co-Designing Equitable Math Practices through Teacher Inquiry - **Brit Claiborne**
- 'Oh! That's Interesting!': Captivating Students Who Hate Mathematics With Mathematical Ideas - **Leslie Dietiker**

Summer Initiatives!



Math Task Studio Substack

In August of this year, Math Education faculty member Dr. Leslie Dietiker along with Dr. Meghan Riling (Wheelock'21) and Dr. Rashmi Singh launched the Math Task Studio on Substack focusing on sharing, discussing, designing (and redesigning) tasks for the mathematics classroom. In talking about the inspiration for the group, Dr. Dietiker shares

I've come to appreciate how much I learn from hearing how other people read the same task. We notice different things. We ask different questions. We bring different classroom experiences. Lately I've wished there were a way to have curricular conversations like this online... a place where the conversation itself is about the task or the lesson.

In this space teachers can bring a task they're planning to teach next week because they'd like another perspective before using it, share a lesson that didn't unfold the way they expected and allow us to discuss why, or share an insight on task design they've developed over time. All are welcome.

Join the Substack here: <https://mathtaskstudio.substack.com/>

Noyce Summit Projects in Washington D.C.

The Robert Noyce Teacher Scholarship Program held its annual summit this summer in Washington, D.C. Project P.I. Dr. Aaron Brakonietz attended the summit to represent the project, "Advancing a STEM Workforce by using Teacher Mentoring Networks to Support Early-Career Mathematics Teachers" (co-PIs Drs. Greg Benoit, Debbie Borkovitz, Eric Cordero-Siy, and Ale Salinas.)



CPM's Teacher Research Community Comes to BU!

The CPM Educational Program hosts a Teacher Research Community comprised of mathematics teachers committed to learning together through teacher-led inquiry into instructional practices that improve mathematics classrooms. Every summer, the group meets for a 4-day summer institute and this year, Boston University hosted the group and featured guest speakers including our own Dr. Leslie Dietiker. Learn more about the TRC and future opportunities to get involved here: <https://cpm.org/trc/>



Boston University Wheelock College of Education
& Human Development



Engage with Us

Follow Us on Instagram!

Stay up-to-date with the amazing work our faculty, students, and alumni are doing! Follow us **@buwheelockmathed**, or click the link here to go to our page: <https://www.instagram.com/buwheelockmathed>.

Tag us in any posts about your classroom or work and we can share it on our page as well!



Become a Mentor Teacher!

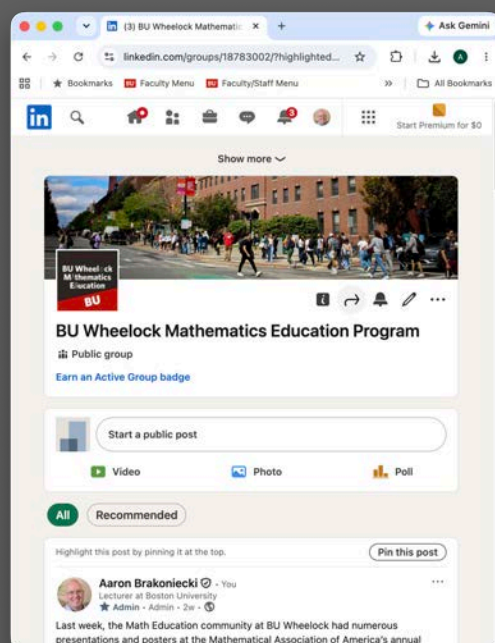
We're always looking for new 5-12 mentor teachers who can host beginning teachers in our programs. If you're interested (and have been teaching for at least 3 years), reach out to Dr. Ale Salinas for more information (salinas@bu.edu).



Join our LinkedIn Group!

Interested in staying up-to-date with the Mathematics Education program, and networking with your fellow alumni? Join our Linked-In Group at <https://www.linkedin.com/groups/18783002>

We'll be using this space to share any part- or full-time job opportunities that are sent our way, and you can use this space to engage with our faculty and alumni - share how things are going in your schools and districts and ask questions/get input from the BU Wheelock Math Education Community!



Share Your Classrooms and Accomplishments!

As we continue to learn from each other after all these years, we would love to highlight the incredible work of our community. If you have a story you'd like to share, reach out to Aaron (brak@bu.edu) so we can spotlight you!

Examples of things we're looking to feature...

- unique assignments that you have created/used/modified with students that have resulted in productive problem solving
- effective structures and norms you have used in your classrooms that have led to supportive math learning communities
- work with math projects that extend beyond the classroom (like math clubs, competitions, community projects, etc.)
- inspiring leadership you have done that impacts your students, schools, and districts
- career milestones so we can celebrate your accomplishments and transitions

New Students

We close out our Summer newsletter by welcoming our newest cohorts of masters students to the Mathematics Education programs here at BU Wheelock! (This is the largest cohort of MAT students we have welcomed since 2018!) We are so excited to have you all join our programs, and we welcome you into a rich legacy of Mathematics Education here at BU Wheelock!

New Master of Arts in Teaching (MAT) in Mathematics Education Students

- Jacksyn Bakeberg (Boston University '26)
- Destin Charles (University of Bridgeport '24)
- Jennifer Cohen (Boston University '26)
- Kristopher Liberti (Syracuse University '26)
- Avi McDermott (Indiana University '21)
- Toby Menon (UCLA '24)
- Vikram Sharma (Northeastern '21)
- Natalie Shulkowski (Notre Dame '22)
- Michaela Thompson (Fairfield University '24)
- Carolina Tramontina Ceribelli (Boston University '25)
- Katarina Wagner (Boston University '26)

New Master of Education (EdM) in Mathematics Education Students

- Maria Armas (Syracuse University '22)
- Megan Cuddy (Wheaton College '25)
- Ziqian Luo (UMass Amherst '26)
- Carsen Olazaba (Rensselaer Polytechnic Institute '21)

