Summer Mathematics Programs Consortium

Preview: 2025 Conference Schedule

Friday, November 14

Hotel check-in begins at 4 pm.

6:00 – 7:30 pm   Dinner on your own or in small groups
Meet in the Hotel Lobby at 6pm if you'd like to coordinate dinner plans with fellow participants. See the Local Restaurants page for recommendations!

7:30 – 7:45 pm   Welcome from the Conference Organizers

7:45 – 8:15 pm   Presentations from Workshop Day
Sharing ideas and output from the pre-conference workshop.

8:30 – 9:30 pm   Social reception with dessert

Saturday, November 15

7:00 – 8:45 am   Breakfast ("Prefunction" indoor area and outdoor terrace)

8:45 – 9:00 am   Check-in/Get your badge

9:00 – 10:00 am   Welcome to the Conference!

- Welcome from the Conference organizers
- Brief introductions of all present, with slides
- Introduction of the Incubator program and the 2024–25 Incubator Cohort
- Consortium updates from the Steering Committee
- Buddy Program introduction

10:00 – 10:15 am   Stretch break and transition time

10:15am – noon   SESSION 1: Long form (double-length session)

- **Admissions for programs with a high mathematical bar**
  What are the priorities of your admissions process? What's unusual about your admissions process? What aren't you happy with, and what do you want to change? We'll learn about how several selective programs do admissions, and then discuss.

10:15 – 11:00 am   SESSION 1a: Short form (45m sessions)

- **Building alum and past-staff community**
  A roundtable discussion on how we create enduring communities. Digital platforms, reunions, paths to returning to the summer program – what's most effective for you?

- **Affinity Groups**
  Concurrent opportunities for programs of an ilk to connect with one another and discuss what's most salient for each style.
    - **Day Camps**
    - **Online Programs**
    - **Camps with Parents**

- **College Admissions**
  A Q&A session.

- **Coffee + hydration**
  Continue previous conversations, jump into new conversations, or just have a rest.

11:00 – 11:15 am   Stretch break

11:15 – noon SESSION 1b: Short form (45m sessions)

- **Q&A about residential program logistics**
  A roundtable discussion on the nuts and bolts. What's your timeline for designing the budget? How do you choose a site? Do you charter buses? Rent cars? Get visas for international staff and students? Who's responsible for each piece? All of this and more.

- **Broadening Participation: Recruitment Practices for Regional Programs**
  An interactive panel hosted by the Broadening-Participation Committee: success stories from programs with regional scope that recruit a diverse student body.

- **Fundraising**
  Understanding what funders are looking for, and finding your best-fit funders.

- **Coffee + hydration**
  Continue previous conversations, jump into new conversations, or just have a rest.

12:00 – 1:30 pm   Lunch (Dining Room and outdoor patio)
                         Buddy Program First Meeting

1:30 – 3:15 pm   SESSION 2: Long form (double-length session)

- **Culture-setting for students in multi-week programs**
  From pre-camp behavior agreements to social media policies to teachable moments during the program: how do you build meaningful relationships during your program? We'll hear presentations from several programs and then discuss.

- **Your hiring process for college and/or grad students**
  What are your central considerations in designing your summer staff roles, and how do you identify the right candidates for those positions? What do you weigh most heavily in interviews, and what kind of demographic balance do you keep in mind for the team? We'll learn about how several programs run their hiring process and then discuss.

1:30 – 2:15 pm   SESSION 2a: Short form (45m sessions)

- **Changing dynamics of gender**
  A robust conversation about the ongoing evolution of how students, staff, program organizers, and institutions navigate gender dynamics in summer math programs.

- **Building Bridges with local communities**
  How do you identify communities to connect with, introduce yourself, and build

relationships? How do communities interact with your program and vice versa? We'll learn about how several programs build bridges and then discuss.

- **Coffee + hydration**
  Continue previous conversations, jump into new conversations, or just have a rest.

2:15 – 2:30 pm   Stretch break

2:30 – 3:15 pm   SESSION 2b: Short form (45m sessions)

- **Oh no! And here's what we learned**
  We've all encountered situations where something went awry. In this session, several programs will share our stories: what happened, how we handled it, and what we learned from it.

- **Broadening Participation: Recruitment/Admissions Practices to Support Broad Participation for National/Selective Programs**
  Success stories from programs that recruit a diverse student body.

- **Coffee + hydration**
  Continue previous conversations, jump into new conversations, or just have a rest.

3:20 – 3:30 pm   Group photo! (Stairs on the outdoor terrace; rain location TBD)

3:30 – 4:00 pm   Coffee & mingling break ("Prefunction" indoor area and outdoor terrace)

4:00 – 4:45pm   Short talk: Rick Clark, Executive Director of Strategic Student Access, GT
How colleges are addressing AI in their admissions practices.

4:45 – 5:30pm   Short talk: Matt Ballard, Professor of Mathematics, USC
The evolving capabilities of AI tools to do mathematics

5:30 – 6:00 pm   Wrap-Up Gathering

6:00 – 8:00 pm   Dinner on your own or in small groups
See the Local Restaurants page for recommendations!

8:00 – 9:30 pm   Social gathering

Sunday, November 16

7:00 – 8:45 am   Breakfast ("Prefunction" indoor area and outdoor terrace)

Be sure to check out of the conference center hotel before 11 am. Luggage storage will be available at the front desk.

8:45 – 9:00 am   Check-in/Get your badge

9:00 – 9:10 am   Welcome back! And orientation to today's activities

9:15 – 10:15 am   Keynote Speaker: Edray Goins, Professor of Mathematics, Pomona

10:15 – 10:45 am   Coffee & mingling break ("Prefunction" indoor area and outdoor terrace)

10:45 – 11:45 am   SESSION 3 (medium format, 60 minutes each)

- **BPC: In-Person Coffee Chat: Small Improvements for Big Impacts**
  Organized by the Broadening Participation Committee. Participants will share small operational, organizational, and programmatic changes and resources that made a large impact on sense of belonging, social-emotional well-being, equity, and/or representation.

- **Organizational Growth & Transition**
  We'll hear from programs that have successfully navigated change of all sorts: growing from pilot to stable program; increasing the number of sites; from university affiliation to independent non-profit; facilitating leadership transitions.

- **Instructional Design for Younger Students**
  How does the age group impact your program design? We'll hear from several programs about what has been most important to their philosophy of instructional design, and then discuss.

- **Culture-Setting for Staff**
  Bite-sized success stories. How do you set expectations? How do you keep your staff happy and prevent burnout? How do you resolve conflicts and build trust? What keeps staff coming back year after year? We'll learn what several programs do, and discuss.

- **Role of Volunteers vs Paid Staff**
  Who gets paid, and for what work? How do you cultivate and inspire a community of volunteers? We'll learn about how several programs operate, and then discuss.

- **Coffee + hydration**
  Continue previous conversations, jump into new conversations, or just have a rest.

11:50 – 12:15 pm   Conclusion
Thank you for coming! (And if you're staying for the bonus session, we'll reconvene after lunch.)

12:15 – 1:30 pm   Lunch (Conference Dining Room and adjacent outdoor patio)

The Georgia Tech campus bus ("the Stinger") does not run on Sundays, so we recommend either the 10-minute walk to the closest MARTA station (fare: $2.50, trip time, 35 minutes) or arranging for Lyft/Uber rides (estimated cost: $30; trip time, 20–30 minutes).

Summer Mathematics Programs Consortium

<mark>Preview: 2025 Bonus Session</mark>

Sunday, November 16

1:30 – 1:45 pm   Committee Presentations
Here's what we've been working on, and here's what's coming up.

1:45 – 2:45 pm   Parallel sessions organized by committees

- **Online Hub**
  The Online Hub is central to the Consortium's initial action plan, serving as a public resource that helps students and parents navigate the ecosystem of programs. This session will focus on designing the data format that describes each program, e.g., program name, age group, topics, duration, location, costs, accessibility, etc. How will we organize the features of our programs? We will work through some of these issues collaboratively in this session, and demonstrate the progress that we've made on the online hub thus far.

- **Internal Document Repository - Upload-a-Thon**
  Contribute documents from your program to the repository!

- **Committee Chit-Chat**
  Talk with committee leaders about upcoming work.

2:45 – 3:00 pm   Closing remarks by the conference organizers

3:00 – 3:30 pm   Informal mingling and winding down