

VIRTUAL NY Regional Meeting Format

Friday, June 12th

9:30 AM - 12:30 PM & 1:30 PM - 4 PM

9:30 - 10 AM: Welcome and Introduction to ALPhA by Merideth Frey, NY Regional Director for ALPhA. Brief introduction to ALPhA including information about the Beyond the First Year (BFY) lab conference, the ALPhA Immersion program, and our new Regional Conference program. Nomination method for the next NY Regional Director - Regional Directors are expected to hold the next regional conference at their institution within the next 4 years, attend annual ALPhA Regional Directors meetings, and fill-out short annual reports. Go over what is inside the shared Google Drive.

10:00 - 11:00 AM: ALPhA SLAM. Each participant will be given 2 minutes to introduce themselves and answer one or more of the following questions: What improvements have you made to your Advanced Lab course? Are there experiments that you would like to do in the Advanced Lab, but are having trouble doing? What are you interested in learning more about at the conference?

11:00 AM - 12:00 PM: Small group discussions over questions about teaching labs online (the challenges, what works well, what did not work well, etc.) Groups should take notes in document in shared Google Drive.

12:00 - 12:30 PM: Reconvene. Each small group presents highlights of their discussion for 5 minutes each. Open up for further comments. Preview of what is coming up in the afternoon session.

LUNCH BREAK

1:30 - 3:30 PM: Conference Talks

- **1:30 - 2:05 PM: NY Region Share-a-Thon**
 - NY Region ALPhA Members Merideth Frey (Sarah Lawrence College), Stiliana Savin (Barnard College), and George Hassel (Siena College) present on some teaching tools that worked well this past semester.
- **2:10 - 2:45 PM: Jed Brody - Emory University**
 - We can test Bell inequalities using IBM's online quantum processors (for free!). Students learn how to design and run quantum circuits, and become familiar with the foundations of quantum computing.
- **2:50 - 3:25 PM: Natasha Holmes - Cornell University**
 - In this talk, I'll offer up some ideas about how to use PER results to design labs that can hold up to remote instruction. I'll describe what we are implementing at Cornell University for our intro sequence and extrapolate to BFY labs.

3:30 - 4 PM: Wrap-up. Vote (via poll) for the next New York Regional Director. Feedback survey.