

# K12 PHYSICS TEACHERS LOUNGE



Digi Kit labs for hands on virtual instruction



Topical discussions



STEP UP  
promoting women  
to pursue Physics

## Sunday July 19

### The Grand Challenge 12:30pm-1:30pm

#### Distance Learning lesson share out

1:30pm-2:30pm

When we start in the fall, will we still be doing distance learning? Be prepared, and bring a lesson to share at the K12 distance learning lesson plan share out.

#### STEP UP

2:30pm-3:00pm

Join a fact exploration and discussion on the NSF grant STEP UP physics together aiming to drastically increase the number of women in undergraduate physics through interventions in the high school classroom.

#### Topical discussion: Teaching as a second career

3:00pm-3:30pm

Thinking about switching to K12 teaching? Have you already switched to K12 teaching? Come ask your questions and share your stories!

#### What I Wish I Knew

3:30pm-4:30pm

Listen as early career teachers give short background presentations on each of their unique pathways into teaching and an overview of the teacher preparation programs.

## Monday July 20

### Advocating for my Physics Program

12:30pm-1:30pm

Teacher leader Melissa Grimscheid will share how she doubled physics enrollment at her school and increased enrollment across the district.

#### Get The Facts Out

1:30PM-2:30pm

Join an exploration of unexpected trends in the data on educators in the United States while discussing perceptions of STEM teaching in society.

#### High School Physics Share Out

2:30PM-3:30pm

Bring your most engaging lesson to share at the high school lesson plan share out!

## Tuesday July 21

### Quantum Computing in the Lounge

12:30pm-1:00pm

AAPT has established Quantum Computing Education as one of its four BIG IDEAS for program development.

#### Topical Discussion:Equity and Inclusion

1:00PM-1:30pm

A discussion of challenges and successes on how we as educators meet the needs of all students in the classroom.

#### Panel Discussion: Student Perception on distance learning

1:30PM-2:30-pm

Hop on in for a panel discussion on how HS students perceived the effectiveness of online learning.

2:30PM-3:30-pm

#### Racial Justice in Physics Class

How can we, as physics teachers, play a part in efforts for racial justice that go beyond representation? We will share ideas, including an exploration of the Under representation Curriculum, and discuss steps we can take next year.

