



Sci-ED Day

a teacher professional development day at Brookhaven National Laboratory

Dear Educator:

The Office of Educational Programs at Brookhaven National Laboratory (BNL) would like to invite you to participate in our 9th annual Sci-Ed Day on Tuesday, November 5, 2019. Sci-Ed Day is a professional development event for all teachers to participate in a variety of workshops. BNL offers this as a part of the Long Island STEM Hub (www.listemhub.org) Professional Development Day.

Educators can choose a workshop that suits their grade level and/or interest. They will meet BNL scientific staff, tour a research facility and participate in a lab-based activity that is grounded in research at BNL. The workshop titles and grade levels are as follows:

- Integrating Low-Cost Computing into Secondary School Science Demonstrations *using Wolfram Mathematica and Raspberry Pi Devices*
- BNL Engineering Contest: MagLev and Bridges (Secondary)
- Transit of Mercury on November 11 (Secondary)
- Structural Biology: Determining Protein Structures (Secondary)

Workshop registration and details visit Sci-ED Day webpage at <https://www.bnl.gov/scied-day/>. Participants will select one workshop for the day. In addition to the workshops, participants have the opportunity to visit one of Brookhaven's state of the art research facilities. Participants can make their tour selection during the morning registration on November 5th. Tour space is limited and will be given on a first come, first-served basis.

The registration fee is \$20.00 per participant which includes continental breakfast and lunch. Participation certificates will be distributed at the conclusion of the event.

The agenda is as follows:

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| 8:00 a.m.-8:30 a.m. | Registration and Continental Breakfast (included in registration), Berkner Hall Lobby |
| 8:30 a.m.-9:30 a.m. | Welcome Remarks Keynote Speaker: Dr. Priscilla Antunez, Assistant Director for Strategic Partnerships, Center for Functional Nanomaterials Berkner Hall Auditorium |
| 9:45 a.m.-11:15 a.m. | Workshops: morning session--various locations |
| 11:30 a.m.-12:15 p.m. | Lunch, Berkner Cafeteria (included in registration) |
| 12:30 p.m.-2:00 p.m. | Workshops: afternoon session —various locations |
| 2:15 p.m.-2:45 p.m. | Facility Tours |
| 2:45 p.m.-3:00 p.m. | Certificate Distribution, Berkner Hall Lobby |

All registrants must bring a photo ID to enter the Main Gate at Brookhaven National Laboratory. **Participants will meet in Berkner Hall.** Directions will be given at the Main Gate. Berkner Hall is located on the corner of Brookhaven Avenue and Columbia Street. Busses will transport participants to facilities tours and workshop locations. For further information contact Aleida Pérez (631) 344-4788, pereza@bnl.gov.