

# Yale Department of Physics

Yale Physics Newsletter

June 29, 2018

## News

Congratulations to **Elena Gramellini** on the successful defense of her thesis topic “Measurement of  $(\pi^- - \text{Ar})$  and  $(K^+ - \text{Ar})$  total hadronic cross sections at the LArIAT experiment”! Her thesis advisor was Bonnie Fleming.

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## Summer Research in Physics!

**Jack Roth and Chunyang Ding** ('19) are currently students at the Undergraduate School on Experimental Quantum Information Processing (USEQIP) at the University of Waterloo, hosted by the Institute of Quantum Computing. We also met two Yale Physics alumni - **Alex Atanasov** ('18) and **Jedidiah Thompson** ('17), who just happened to be visiting researchers at the Perimeter Institute!

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**Yale News Story** – [Gladney to join Yale as dean of diversity, faculty development for FAS](#). Physicist **Larry Gladney** of the University of Pennsylvania has been named dean of diversity and faculty development for the Yale Faculty of Arts & Sciences (FAS), leading the effort to build a more intellectually, socially, and culturally diverse faculty, and to support and promote faculty excellence across the FAS.

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**Center for Teaching and Learning** - Can you explain your research to a 12-year-old?

Flipped Science Fair, presented by Yale Science Diplomats

AUDITION: JULY 2 - 26

Various Times & Locations

New Haven, CT

The Flipped Science Fair flips the traditional science fair format on its head: middle school student judges will evaluate graduate students and postdocs presenting their current research.

For the audition:

1. Give a < 5 minute talk about an aspect of your research
2. Make sure a middle schooler can understand your talk

## Save the Date

Summer Sessions for 2018 run as follows: Session A – May 28-June 29 and Session B – July 2-August 3.

## Seminars

**Monday, July 2** Atomic Physics Seminar. Yogesh Patil, Cornell, “Open Quantum Systems: A Control and Study of System Bath Interactions and their Effects”, SPL 63 at 2:00pm. Host: Jack Harris.

For more seminars see: <http://physics.yale.edu/calendar>

3. Be clear, concise, and explain your scientific reasoning
4. Prepare a non-animated slide to visually support your talk

Auditions run July 2 through July 26, 2018. [Contact Richard Crouse with any questions](#).

[Sign up for an AUDITION](#)

For more news please see <http://physics.yale.edu/news>

## Announcements

For further information on any of the items included here or if you would like to contribute to the next newsletter, send email to [Daphne Klemme](#).

Please [click here](#) for updates on the Yale Science Building, including a new logistics plan. The project encompasses the construction of a new state of the art sciences laboratory at the approximate location of the demolished J.W. Gibbs building, a comprehensive renovation of the KBT Plaza, a lecture hall, and a common area at the south end of KBT Plaza.