



Yale Physics Newsletter: September 6, 2019

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](mailto:Daphne.Klemme).

Community

The [Climate and Diversity Committee](#) (CDC) convenes once a month. If interested in joining please contact Helen Caines (helen.caines@yale.edu, Chair of CDC). You may contact the whole committee at physics-cdc@mailman.yale.edu

Hints & Tips

All Chemicals **MUST** be purchased by a PO Request. They are not to be purchased using the p-card.

Upcoming Events

Monday, September 9

1:00pm EHS Orientation for Wright Lab Research Shop Users. WL 216

3:30pm Physics Club. Karsten Heeger, Yale University, "Department Welcome 2019". SPL 59.

Tuesday, September 10

9:00am Dissertation Defense. Charles Brown, Yale University, "Optical, Mechanical and Thermal Properties of Superfluid Liquid Helium Drops Magnetically-Levitated in Vacuum". SPL 57. Advisor: Jack Harris

12:00pm WIDG Seminar. Yogesh Patil, Yale University, "Quantum Optomechanics with Superfluid Helium". WLC 245.

Wednesday, September 11

4:00pm Molecular, Cellular and Developmental Biology Seminar. Xiaohua Shen, Tsinghua University, "A glimpse of noncoding RNA-mediated transcription and chromatin regulation in stem cell and development". YSB O.C. Marsh Lecture Hall. Host: Anna Pyle (Tea at 3:45pm)

Department News

Undergraduate Peer Mentors! Physics peer mentors are here to help you navigate your path into and through the physics major. They can answer questions about what it's like to major in physics, what classes in the major are like, how you find a research opportunity, and so on. Please don't hesitate to contact any or all of the peer mentors to chat about physics.



The Physics website is being updated! Look here for updates on the progress.

New Pages:

- Student Organizations
- Outreach Events
- About
- Physics Department Committees and Officers
- Physics Department Teaching

4:00pm Department of Geology & Geophysics Colloquium. Jennifer Taylor, Scripps Institution of Oceanography, "Title TBA". KGL 123

Thursday, September 12

1:00pm Condensed Matter Seminar. Anton Kapustin, Caltech, "Chiral central charge and the Thermal Hall effect on a lattice". SPL 52

1:00pm Nuclear Particle Astrophysics (NPA) Seminar. Danielle Speller, Yale University, "New Results from the CUORE Experiment". WL 216. Host: Karsten Heeger

2:30pm Yale Astronomy & Astrophysics Colloquium. Ferah Munshi, University of Oklahoma, "What's the (dark) matter with dwarf galaxies?". WTS A-51.

Friday, September 13

12:00pm Yale Quantum Institute Colloquium. Kater Murch, Washington University St. Louis, "Effective non-Hermitian evolution of a superconducting qubit: probing the topology of a Reimann surface with quantum states". YQI Seminar Room. Hosts: Steve Girvin & Jack Harris.

Save the date!

September 11, 2019 Physics & Applied Physics Welcome Reception.

September 21, 2019 Girls' Science Investigations Session #1 (The World of Light)

October 12, 2019 Yale Physics Olympics

November 16, 2019 Girls' Science Investigations Session #2 (The World of Sound)

January 17, 2020 American Physical Society Conference for Undergraduate Women in Physics at Yale

February 8, 2020 Girls' Science Investigations Session #3 (The Electronic World)

April 4, 2020 Girls' Science Investigations Session #4 (The Geophysical World)

Announcements

[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.

Travel Update (September 2019)

Travel Policies for Yale Employees

Traveling on Yale business? Need to find out about business meals, how to apply for travel grant, or what to do when receipts go missing? [View the complete Travel on University Business policies web page.](#) It provides a general overview of travel policies and more for employees traveling on University business.

ID Center offers passport photos & notary services

Yale Public Safety Services now offers two new services: notary and passport photos. The Yale Community can get their passport photos taken at the Yale ID Center at a cost of \$10 for two pictures. Notary services are \$3 per page or free for Yale Students.

Egencia training classes

For those who are interested in booking travel using Egencia training classes are held the first Friday of every month at the Learning Center, 221 Whitney Avenue, Lower Lever. Visit the Yale Travel homepage for more information or email us at travel@yale.edu.

Opportunities

MIT is pleased to announce the 2019 competition for the Lee Grodzins Postdoctoral Award. This award, which is a \$10,000 prize and an invited talk at MIT, was created to recognize the importance of original and unique work by postdoctoral fellows within the experimental nuclear and particle community. You can learn about the prize, including how to nominate, here:

http://web.mit.edu/lns/news/Lee_GRODZINS_prize/index.html.

Nominations are due by September 15, 2019.

Fall 2019 Call for Applications!

NASA CTSGC is excited to announce various funding opportunities available for our Fall 2019 Call for Applications! To view a summary of grants, scholarship awards, and design challenges that will be issued during our Fall 2019 award cycle please visit our Faculty Programs or Undergraduate & Graduate Programs pages. Applications can be completed electronically using the links on our Apply page. The due date for all applications is September 25, 2019. Apply today!



NASA CT Space Grant Consortium
Fall 2019 Call for Applications

Deadline: Sept. 25, 2019 @ 11:59PM

- ◆ Faculty Grants
- ◆ Travel Grants
- ◆ Graduate Fellowships
- ◆ Undergraduate Research Grants
- ◆ Student Project Grants
- ◆ Scholarships
 - ◆ Undergraduate
 - ◆ Community College
 - ◆ Community College Transfer
- ◆ Community College Quadcopter Challenge

Find out more information on our website!

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