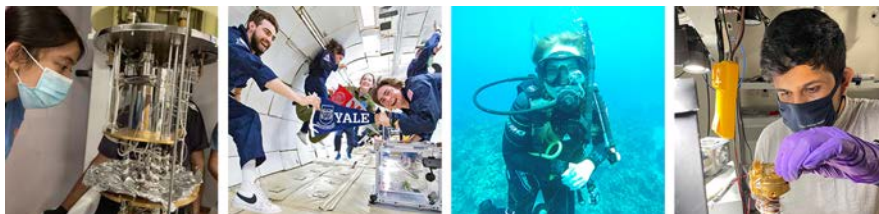


Yale Physics



Friday, July 7 & 14, 2023

Events

Wednesday, July 12

12:00 pm **Wright Lab Event: *Applying to Graduate Schools Panel and Pizza Lunch***, Hector Arce, Daisuke Nagai, Emily Pottebaum, Rona Ramos, William Cerny, Yale University, WL 216. Register for pizza lunch by 11:00am on Tuesday, July 11.

Friday, July 14

4:00 pm **Yale Quantum Institute Event: *Physics Open Mic***, More details to come.

Tuesday, July 18

11:00 am **AMO Seminar: *Atomic Scale Dynamics of Thermal Motion in Nano-optomechanical Metamaterials***, Tongjun Liu, University of Southampton, SPL 51. Host: Jack Harris.

Wednesday, July 19

11:00 am **Institute for the Preservation of Cultural Heritage event: *Of Tubes and Lips: The Science of Singing***, Dan Boye, Davidson College, Yale West Campus Conference Center, Grace Murray Hopper Auditorium (Building 800).

Thursday, July 20

2:00 pm **AMO Seminar: *Title - To Be Announced***, Julian Wolf, University of California, Berkeley, SPL 51. Host: Jack Harris.

[More events](#)

News



Chiara Mingarelli - Research in the news

A quintet of new studies offers the first direct evidence of a gravitational wave background, confirming standard models of black hole growth.



Vidvuds Ozolins - Research in the news

Crystals that can freely conduct electrons, but not heat, hold great potential for numerous applications. A team of researchers has developed a method for discovering and developing these materials.

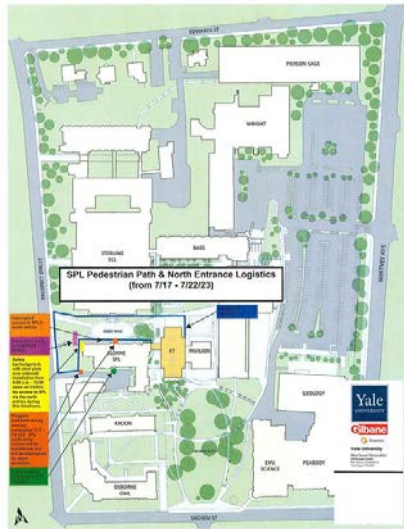
Announcements



Leigh Page Award for Excellence in Graduate Student Teaching

We are soliciting nominations for the Leigh Page Award for Excellence in Graduate Student Teaching for AY2023-24. The award seeks to acknowledge and celebrate excellence in graduate student teaching, distinct among the already high standard of teaching that graduate students in the physics department consistently achieve. This award will support the graduate program learning goal that *“Students will become educators and communicators with the ability to promote an understanding and appreciation of physics across the university and in society”* and help solidify in our community that effective and informed teaching is one of our core values.

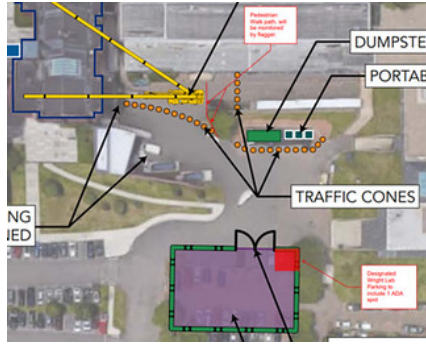
See our website for [more information and nomination guidelines](#). Please send in nominations by Friday, August 11th. For questions, please contact rona.ramos@yale.edu.



Gibbs Court Renovation Project: Science Hill Logistics & Pedestrian Routing Changes in the SPL Area (Monday, 7/17/23 - Saturday, 7/22/23)

As per the attached logistics plan, there will be interrupted access to the main/north entrances to SPL from Monday, 7/17/23 through Friday, 7/21/23, in support of shoring work behind our construction fence line in this area. There will be a flagger posted at each end of the pedestrian pathway to help stop pedestrians briefly when required for this work, and to redirect them to SPL's south side/back entrance if pedestrian ingress/egress is required ASAP.

On Saturday, 7/22/23, Gilbane will need to close SPL's north/main entrances from 4:00 a.m. – 12:00 noon in order to perform work that crosses underneath this pedestrian pathway. At noon on Saturday, 7/22/23, Gilbane will have installed a steel plate over the work area, and will reopen the pedestrian pathway and the north entrances to SPL. Gilbane will have a flagger posted just outside SPL's north entrances during this timeframe, to redirect pedestrians to SPL's south side/back entrance.



Bass roof replacement

Work will begin soon on the replacement of the BASS roof. A summary from the construction manager is below along with a map of the area affecting WL.

Bond Building Construction will be working with Dahill Roofing to replace the roof of Bass Lab. We will be mobilizing onsite, **construction starting Friday, June 23rd and construction is expected to be completed by Thursday August 31st**.

During this time, there will be several crane picks that will affect the Bass Lab loading dock area & the upper Wright Lab loading dock area we are going to do everything possible to minimize the impact to these locations. The crane will only be onsite during the days that we need to perform picks. The dates and times of the crane picks will be coordinated directly with Facilities Operations as well as the identified people from your respected groups.

There will be minor noise and vibration up on the Bass Lab Roof during this project. We will be ripping up the old roof, and installing new insulation and roofing membrane.

We will also be taking up a small area of parking spaces (please see the attached logistics plan) for the duration of the project. As we get closer to the construction completion date, this area will become smaller and smaller.

For 2-3 days each week, a crane will be positioned outside the far south end of WLW. Pedestrian access to WLW will be maintained. The accessible parking spot will be moved to the present location of the WL van. The van's parking spot will be moved over one spot. Any remaining space will be used for reserved WL parking.

Access to the BASS loading dock and the WL front entrance and vault will be maintained. Access to the EAL dock will not be possible when the crane is in position. The first crane operation is expected to be July 11-13.

Please contact [Jeff Ashenfelter](#) as soon as possible, if you expect to need access to the EAL dock next week or in subsequent weeks.



Summer Travel

Summer travel is upon us! Please note that if you are traveling by air on a federal grant, you **MUST** take and save comparison flights on the **SAME DATE** your ticket is booked whether international or domestic.

See below for information on Concur, Yale's new travel tool.

Concur – Yale's New Travel Tool

Concur, Yale's new travel tool, helps take the compliance work out of traveling on federal grants. For more information on how to set up an account contact travel@yale.edu.

Graduate students may set up a Concur account by sending a message to travel@yale.edu requesting a profile to be set up (make sure that you indicate that you will be doing lots of travel), include your netID, faculty supervisor, and for them to add your administrative assistant as a travel arranger. Any travel honor codes for airlines, hotels, etc. that you may have can be added to your profile.

Logging in/Using Concur

Website: <https://www.concursolutions.com/nui/signin> (use netID@yale.edu as the username and then select "Sign in with SSO" and enter your password).

Why use Concur

Concur's software has federal grant rules built-in and will alert you if the flight of your choice is compliant, with a verification message. It also assists with exemptions if you need to book a non-compliant flight for accepted reasons. If you select a flight that is not compliant, you will be asked to select a reason for doing so and that ticket will need to follow the "Fly America" or "Open Sky" rules. Otherwise, they will need to be cleared on a non-sponsored grant.

My Travel is Confirmed, What Are My Next Steps?

While we prefer to assist you with your travel booking, if you prefer to, or must book your own travel, please ensure your administrative assistant receives a copy of your itinerary for expense report clearing as part of your required documentation.

Useful links

Air travel on a sponsored project: <https://your.yale.edu/policies-procedures/procedures/3301-pr03-air-travel-university-business#5>

Documentation for Non-US Carrier: <https://your.yale.edu/policies-procedures/forms/3301-fr06-documentation-travel-non-us-air-carrier>

City Pair Search: <https://cpsearch.fas.gsa.gov/cpsearch/search.do>

[More news](#)

Community

Climate and Diversity Committee News

Hidden in Plain Sight. Yale's expansive campuses offer many shady or sun-drenched outdoor spaces for restful contemplation, a lunchtime stroll, or distant views. With some hidden and others out in the open, these [peaceful spots include](#) a Japanese Tea Gate, an outdoor balcony facing East Rock Park, and a quiet courtyard. Find your favorite as the weather gets warmer

If interested in joining the CDC, please contact Rona Ramos, Chair of CDC. You may contact the whole committee at physics-cdc@mailman.yale.edu

Community News



Welcome Maria White!

Maria is joining the Department of Physics as Operations Manager. She has been at Yale since 2000, mostly in Internal Medicine. Previously, as a Budget and Finance Director and most recently as Operations Manager supporting the Sections of Nephrology and Endocrinology. Maria holds a BS degree in International Business from the University of Bridgeport and a certificate in Portrait and Figure Painting from Paier College of Art.

Apart from work, she enjoys gardening, skiing, and outdoor adventures.



Congratulations Frank Lopez!

Wright Lab celebrated the [20-year work anniversary](#) of Research and Development Technician Frank Lopez with Thai food, cake, and a slideshow of pictures of Frank at the lab from the time he started as an accelerator operator on the Yale "Emperor" tandem van de Graaff accelerator to today.



Wright Lab Summer Program

Wright Lab summer students celebrated the publication anniversary of Isaac Newton's first "Philosophiæ Naturalis Principia Mathematica," the groundbreaking scientific text that introduced his famous laws of motion (published July 5, 1687) by viewing the "Principia" and 14 other historical scientific works by scientists from the 16th-19th

COVID-19 update

[Yale COVID-19 Information](#) - click here for updated information.

Opportunities

Faculty Positions

[Associate/Full Professor, Experimental Atomic, Molecular, and Optical Physics - Yale University](#)

[Faculty and Associate Faculty Positions- Perimeter Institute](#)

[Assistant Professor Position in Experimental Quantum Information Science - NYU](#) (anticipated start date of **September 1, 2023**)

[Tenure-track Assistant Professor position in Quantum Condensed Matter Theory - Brown University](#) (application deadline **November 30, 2023**)

Research Scientist Positions

[Research Scientists \(CHORD radio telescope\) 5 Year Term - Perimeter Institute](#)

Postdoctoral Positions

[Postdoctoral Associate Position in Theoretical Physics - Yale University](#)

Graduate Student and Postdoc Research

[Dudley Observatory Astronomer - Siena College](#)

[Positions for postdocs and graduate students affected by the war in Ukraine - Perimeter Institute](#)

[NRC Research Associateship Programs- National Academies for Sciences, Engineering, Medicine](#) (Online applications open as follows December 1 (closes February 1), March 1 (closes May 1), **June 1 (closes August 1)**, and September 1 (closes November 1))

Undergraduate Research

[Research Assistant - Yale School of Medicine](#) (contact [Navin Kumar](#) for further information)

- [Research Assistant – Harm Reduction](#) (send CV to Keyu Chen keyuchen2020@gmail.com)
- [Research Assistant – Data Analysis & Harm Reduction](#) (send CV to Keyu Chen keyuchen2020@gmail.com)

Meetings, Schools, Workshops, and Conferences

[XVIII International Conference on Topics in Astroparticle and Underground Physics 2023](#), August 28-September 1, 2023 - University of Vienna, [conference fees and registration](#) (full fee deadline **August 15, 2023**). *Note: David Moore is an invited speaker.*

[American Physical Society Conferences for Undergraduate Women in Physics \(CUWiP\)](#), January 19-21, 2024 - nearest locations are: Boston University & Wellesley College; City University of New York, Graduate Center; or United States Military Academy, West Point. The 2024 Millie Dresselhouse CUWiP Keynote Speaker is [Dr. Jocelyn Bell Burnell](#), Royal Society of Edinburgh. Applications open on August 28, 2023

Grants, Fellowships and Scholarships

Graduate

[The Department of the Airforce Science & Technology Fellowship Program](#)



For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#). Alumni can add/update their information by [clicking here](#).

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