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Yale *Physics*



Week of March 17-23, 2024

Events

All day **Spring Break.** Classes will resume at 8:20 am on Monday, March 25th.

Monday, March 18

4:00 pm **Molecular Biophysics & Biochemistry Seminar:** *Resolving the Molecular Arms Race Between Human APOBEC3G and HIV-1 Vif*, John Gross, Yale University, Bass 305. Host: Yong Xiong.

Wednesday, March 20

1:00 pm **Special Solid State & Optics Seminar:** *Mother Nature Always Wins: The materials science of advanced fiber laser & amplifiers*, John Ballato, Clemson University, ML 107 + zoom (password: 414780). Host: Hui Cao.

4:00 pm **Molecular, Cellular and Developmental Biology Seminar:** *Nerve-tissue crosstalk driving organ development and regeneration*, Sarah Knox, University of California, San Francisco, Bass 305. Host: Valerie Horsley.

[More events](#)

News



The State of U.S. Science and Engineering 2024

The National Science Board (Board, NSB) is required under the National Science Foundation (NSF) Act, 42 U.S.C. § 1863 (j) (1) to prepare the biennial Science and Engineering Indicators (Indicators) report for and transmit it to the president and Congress every even-numbered year. The report is prepared by the National Center for Science and Engineering Statistics (NCSES) within NSF under the guidance of the Board.

[More news](#)

Community



Children's Clothing Closet

Thurs, March 21, 1-2:30pm

Attention Yale families! OISS, Yale Grad Housing, and the Office of Sustainability are co-hosting a children's clothing event! Grad Housing's Swap Room has an abundance of children's clothing sizes 2 to 7 and baby clothes from newborn to 12 months (all in good condition) and they will be available to members of the Yale community, free of charge! [Register here.](#)

Climate and Diversity Committee News

Mentor with Yale STEM Embrace

Yale STEM Embrace is looking for undergraduate and graduate student mentors! **Our organization matches upperclassmen and graduate students with younger students of the same underrepresented group/identity** (gender, race, sexual orientation, cultural identity, and the intersections of these realms) **to help provide support and advice for navigating their STEM field.** Research shows that positive role models can lead to a better sense of belonging and increased retention for underrepresented minorities in STEM fields. In addition, our mentors can also provide **proven interventions for combatting imposter syndrome, stereotype threat, and microaggressions.** We are looking for a consistent time commitment of 1-2 hours every two weeks for trainings, then 1-2 hours every two weeks of one-to-one mentoring starting next fall. If you are interested in mentoring, please [fill out this form](#) and we will be in touch.

We will be matching mentors with mentees in the fall. If you would be interested in joining as a mentee, please [fill out this preliminary interest form](#).

If you have any questions about the program, feel free to reach out to [Eve Cohen](#), [Amanda Budejen](#), or [Angela Zhao](#).

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.

Lost and Found

Reminder, there is a Lost and Found box in the Chair's Office. [Please check our flickr album](#) to see what has been collected over the last AY. If you have an item go missing or think you have left it behind somewhere, please check with Kirstin or Jen in the Chair's Office (SPL 34).

Outreach

COVID-19 Update

[Yale COVID-19 Information](#) - including updates on testing and vaccinations.

Opportunities

Faculty Opportunities

[Assistant Professor, Condensed Matter and Materials Theory](#) - University of California, Santa Cruz (anticipated start July 1, 2024; deadline **June 30, 2024**).

[Two tenure-track Assistant Professor positions in experimental physics](#) - Illinois Wesleyan University.

[Faculty positions in experimental and theoretical physics](#) - King Fahd University of Petroleum and Minerals, Physics Department.

Postdoctoral Opportunities

[Postdoctoral opportunities in quantum matter physics, Experimental Triple-Hybrid Material](#) - Niels Bohr Institute (deadline **March 15, 2024**)

[Postdoctoral opportunities in quantum matter physics, Experimental Josephson matter](#) - Niels Bohr Institute (deadline **March 15, 2024**)

[Postdoctoral Research Position in Experimental Neutrino Physics](#) - University of Pittsburgh (deadline **March 31, 2024**)

[Postdoc Position in Theoretical Condensed Matter and Computational Biophysics](#) - UC Riverside

[Experimental Postdoctoral Position in Electron-Positron Plasmas](#) - UC Riverside

[Postdoctoral Position in the Quantum Monte Carlo Group](#) - Washington University in St. Louis

Graduate Student Opportunities

[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))

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

Undergraduate Student Opportunities

[Perimeter Scholars International Bridge \(PSI Bridge\) Program](#) - Perimeter Institute (deadline **April 1, 2024**)

[Undergraduate Research](#) - Yale School of Medicine

[Research Position Available in Hatzios Lab](#) - Yale Department of Molecular, Cellular and Developmental Biology.

Meetings, Schools, Workshops, and Conferences

[Quantum Ideas Summer School](#), June 17-21, 2024 - Duke University. [Application](#) (Applications Close **Friday, March 15**. Notification of acceptance: Friday, April 19.

[Asian Americans and STEM conference](#), May 10, 2024 - Yale University. [Register now](#).

[American Physical Society 55th Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics](#), June 3-7, 2024 - Fort Worth, TX. Early registration open until **May 3, 2024**.

[2024 Fall Meeting of the APS Division of Nuclear Physics](#), October 6-10, 2024 - Boston, MA.



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