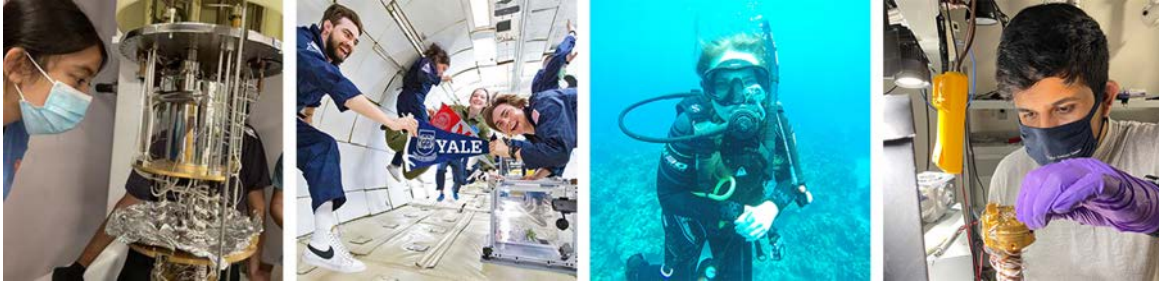


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Yale Physics



Friday, September 9, 2022

Events

Monday, September 12

- 4:00 pm **Physics Club:** *Department Welcome 2022*, Karsten Heeger, Yale University, Sloane Physics Lab 57. Host: Laura Newburgh. Coffee and cookies available before the talk outside the lecture hall.
- 4:00 pm **Department of Chemistry - Inorganic Chemistry Seminar:** *Metalloprotein Modules in Systems for Artificial Photosynthesis*, Kara Bren, University of Rochester, Sterling Chemistry Lab 110.

Tuesday, September 13

- 3:00 pm **WIDG Seminar:** *Investigating the role of the underlying event in the charm-baryon enhancement*, Zoltan Varga, Wigner Research Centre for Physics, Wright Lab 216. Host: Sierra Weyhmiller.

Wednesday, September 14

- 11:00 am **Condensed Matter Theory Seminar:** *Fractons, dualities and Berezinskii-Kosterlitz-Thouless transitions*, Piotr Surowka, Warsaw University of Science and Technology, Sloane Physics Lab 63. Host: Meng Cheng
- 4:00 pm **Molecular, Cellular and Developmental Biology Seminar:** *Piecing together Argonaute protein function in the mammalian nucleus*, Jesse Zamudio, UCLA, O.C. Marsh Lecture Hall, 260 Whitney Avenue. Host: Nadya Dimitrova
- 4:00 pm **The Franke Program in Science and the Humanities:** *Film Screening of Unconformity and Moderated Conversation with Writer and Director Jonathan DiMaio '09*, Jonathan DiMaio, Writer and Director, Humanities Quadrangle L02.

Thursday, September 15

- 1:00 pm **Nuclear-Particle-Astrophysics Seminar:** *Entanglement Witness test for Quantum Gravity in a lab*, Anupam Mazumdar, University of Groningen, Wright Lab 216. Host: Fernando Flor.
- 2:30 pm **Yale Astronomy Colloquium:** *Recent Progress Toward Understanding Cosmological Reionization*, Anson D'Aloisio, University of California, Riverside, Watson Center A-51.

Friday, September 16

- 11:00 am **Wright Lab Event:** *The Elusives Journal Club*, Wright Lab Connector 245.
Host: Jorge Torres.
- 11:30 am **Department of Chemistry - Inorganic Chemistry Seminar:** *Catalyst Development & Kinetic Investigation of ATRA Reactions: Integrating Undergraduate Research and Chemical Education*, Kayode D. Oshin, Creighton University, Sterling Chemistry Lab 160.

[More events](#)

News



Girvin and Smith win Outstanding Paper from the IEEE HPEC conference

Steven Girvin, Eugene Higgins Professor of Physics, and Kevin Smith, laboratory associate, have won the Outstanding Paper Award from the IEEE HPEC conference for their paper “C2QA - Bosonic Qiskit”. The Outstanding Paper Award is awarded to those papers among the top 5% of papers submitted to the conference.



Physicist Fleming takes on new role at national laboratory

Bonnie Fleming, a professor of physics in Yale's Faculty of Arts and Sciences and faculty member of Yale's Wright Lab, has taken on a prominent new role as chief research officer and deputy director at the U.S. Department of Energy's Fermi National Accelerator Laboratory.



Postdoctoral Advisory Committee started in 2022

This spring, the Physics department appointed Isabella Graf, Laura Havener, and Yogesh Patil as the inaugural Postdoc Advisory Committee (PDAC), which serves as a point of communication between the postdocs and associate research scientists (ARSS) and the administration of the department.

Undergraduates get hands on research experience

During the summer of 2022, Wright Lab hosted twenty undergraduate students who were mentored by Wright Lab faculty. The students did hands-on research and



participated in training and enrichment activities hosted by Wright Lab.

[More news](#)

Social Media This week



SPS & WiP event

The Society of Physics Students (SPS) along with Women in Physics (WiP), invited students across the department to come talk about the upcoming semester and classes they were interested in taking. First-years were able to ask about intro physics sequences and labs.

Community

Climate and Diversity Committee News

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

COVID-19 update

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

Opportunities

Faculty Positions

[Asst./Assoc./Full Professor in Experimental Quantum Science](#) - Yale University

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

[Assistant Professor of Physics, Tenure track](#) - The College of Wooster

[Assistant Professor in Experimental Particle Physics](#) - University of Pennsylvania

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

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

[Assistant Professor Position in Quantum Condensed Matter and Atomic Molecular and Optical Physics](#) - NYU (review of applications will begin **November 1, 2022**)

[Assistant Professor Position in Particle Astrophysics, Cosmology, and Gravitational Waves](#) - University of California, Riverside (application open through **December 31, 2022**, anticipated start date of July 1, 2023)

[Associate Professor Position in Particle Astrophysics, Cosmology, and Gravitational Waves](#) - University of California, Riverside (application open through **June 30, 2023**, anticipated start date of July 1, 2023)

[Assistant Professor of Physics](#) - University of Oregon (application deadline **October 15, 2022**)

Research Scientist Positions

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

Postdoctoral Positions

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

[Postdoc position in research and science communication](#) - Yale University (application deadline October 1, 2022)

[Postdoctoral Research Associate - Experimental Nuclear/Particle Physics](#) (multiple positions) @ UMass Amherst

[Prize postdoctoral fellowship at Johns Hopkins Physics and Astronomy](#) - Johns Hopkins University (application open through **February 8, 2023**, consideration of applications will begin on November 1, 2022)

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

Graduate Student and Postdoc Research

[Dudley Observatory Astronomer](#) - Siena College

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

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)

[Spring 2023 Undergraduate Internships](#) - DOE Office of Science (applications due **October 5**)

Graduate Student and Postdoc Schools, Workshops, and Conferences

[Quantum Gravity Around the Corner](#), October 3-7, 2022 - Perimeter Institute (registration open July 8-September 16)

[NASA Science Mission Design Schools](#) - NASA Jet Propulsion Laboratory (deadline September 28, for the Astrophysics Mission Design School 2023)

[iid2022: Statistical Methods for Event Data](#), November 15-19, 2022 - University of Alabama in Huntsville

[Go Beyond: Postdoc Preview](#), October 28-30, 2022 - University of Notre Dame

[Quantum Creators Prize Symposium 2022](#), November 14-15, 2022 - The Chicago Quantum Exchange and the University of Chicago (deadline September 11)



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