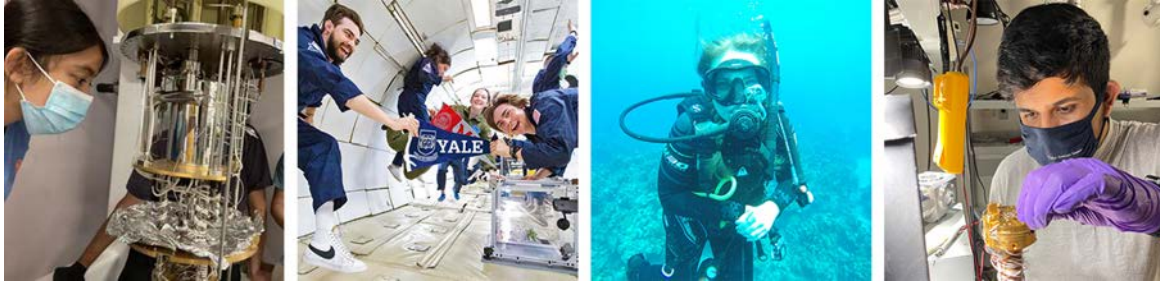


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Yale Physics



Friday, April 1, 2022

Events

Monday, April 4

- 1:00 pm **Dissertation Defense:** *Bistable Neural Dynamics Underlying Cognition and Spontaneous Activity: Computational Modeling and Empirical Analysis*, Daming Li, Yale University, [zoom](#). Thesis Advisor: John D. Murray.
- 4:00 pm **Physics Club:** *Quantum Error Correction for Next-Generation Qubit Technologies*, Shruti Puri, Yale University, SPL 59 & [zoom](#), passcode: 863491. Host: Steve Girvin. Snacks will be served outside the lecture hall before the talk.
- 4:00 pm **Molecular Biophysics & Biochemistry Wilber Cross Medal Lecture:** *Mechanobiology: From Molecular Biophysics to Human Organs-on-Chips*, Donald Elliot Ingber MD, PhD, Harvard University, Marsh Lecture Hall. Host: Joe Howard.

Tuesday, April 5

- 4:00 pm **Department of Chemistry Wilber Cross Medal Lecture:** *Chemistry in Multiple Phases and at Interfaces in the Contemporary and Ancient Earth's Atmosphere*, Prof. Veronica Vaida '77PhD, University of Colorado, Boulder, SCL 160 & [Livestream](#).

Wednesday, April 6

- 4:00 pm **Molecular, Cellular and Developmental Biology Seminar:** *Regulation and mechanism of horizontal gene transfer by natural transformation*, Ankur Dalia, Indiana University, Marsh Lecture Hall. Host: Michael O'Donnell and Jing Yan.
- 4:00 pm **Earth & Planetary Sciences Colloquium:** *Title TBA*, Laura Schaefer, Stanford University, KGL 123.
- 6:00 pm **WISAY Research Chats:** *Fighting microbes with microbes: using the mosquito microbiome to block malaria transmission*, Ife Desamours, Yale University and *Maintenance of blood-brain barrier integrity in hibernators*, Maryann Platt, Yale University, WTS A51. [RSVP](#).

Thursday, April 7

- All day **18th Annual Yale Bouchet Conference on Diversity and Graduate Education:** *The Future of the Academy in the Midst of Uncertainty*, [click here for further information](#). [Click here to register](#).
- 2:30 pm **Yale Astronomy Virtual Colloquium:** *Title TBA*, Alex Drlica Wagner, University of Chicago, contact the Astronomy department for zoom connection information.
- 7:00 pm **Yale College Dean's Office for SC/QR and the STARS Program:** *Graduate School Admissions in STEM*, panelists include: Hector Arce (Astronomy), Meg Urry (Physics), Jay Emerson (S&DS), Alexia Belperron (MCDB), Maria Moreno (MB&B), Eric Altman (ENVE/CHEME), Keith Baker (Physics), Stacey Malaker (Chemistry), plus current graduate students in AMTH, EPS, ENVE, and more. [RSVP](#).

Friday, April 8

- All day **Quantum Week at Yale:** [Click here for schedule and further information](#).
- All day **18th Annual Yale Bouchet Conference on Diversity and Graduate Education:** *The Future of the Academy in the Midst of Uncertainty*, [click here for further information](#). [Click here to register](#).
- 9:00 am **Quantum Week at Yale:** *Quantum Sensing Workshop* at Wright Lab, [click here for further information](#). [Register here](#).

[More events](#)

News



Meg Urry in Scientific American on Women in Astronomy

In the April 2022 issue of Scientific American Meg Urry, Israel Munson Professor of Physics, was one of several women astronomers whose professional journey in the field of astronomy as women was chronicled as part of the article "Women Are Creating a New Culture for Astronomy" by Ann Finkbeiner.

Yale Physics welcomes postdoctoral associate Thomas Penny to the Moore Lab

Yale Physics welcomes postdoctoral associate Thomas Penny, who will be working on levitated optomechanics at Wright Lab with assistant professor of physics David Moore.

Originally from the United Kingdom, Penny received his undergraduate degree at Imperial College London and his Ph.D. at the University College London in 2022. Outside of



the lab, Penny enjoys rock climbing, mountaineering, and running.

[More news](#)

Community

Climate and Diversity Committee News

April 7-8, 2022 is the 18th Annual Yale Bouchet Conference on Diversity and Graduate Education run by the Office for Graduate Student Development & Diversity. The topic for this year is "The Future of the Academy in the Midst of Uncertainty". If you wish to attend please [click here to register](#).

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](#)
[Yale COVID-19 Statistics](#)
[COVID-19 Workplace Guidance](#)
[Yale College COVID-19 Announcements and FAQs](#)
[Yale Physics COVID-19 site](#)
Current COVID-19 status is Yellow

Opportunities

Faculty Positions

[Assistant Professor position in Experimental Particle Astrophysics, Cosmology or Gravitational Waves](#) at the University of California, Riverside (deadline Apr. 1, 2022)

[Visiting Assistant Professor in Physics \(2 positions\)](#) - Illinois Wesleyan University

[Asst. Prof. in Experimental Particle Physics position](#) - UPenn

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

[Junior Faculty Search in Fundamental symmetries \(experiment\), broadly defined](#) - UC Berkeley

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

[Physics Faculty Position](#) - CSU San Bernardino

[Full-Time Lecturer Position in Physics](#) - University of Massachusetts, Dartmouth College of Engineering

[Physics Clinical Assistant Professor Position](#) - NYU

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

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

[Assistant Professor in Biophysics](#) - University of North Texas in Denton

[Assistant Professor or Associate Professor in Photonics](#) - University of North Texas in Denton

[Assistant Professor in Energy](#) - University of North Texas in Denton

Postdoctoral Positions

[2022 Perimeter Scholars International Fellowship](#) - Perimeter Institute for Theoretical Physics (deadline Apr. 15, 2022)

[Air Force Science & Technology Fellowships](#) (rolling deadlines Feb 1, **May 1**, Aug 1, Nov 1)

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

[Product Development Engineer](#) - Hyperlight

[Integrated Photonics Research Scientist](#) - Hyperlight

Lab Positions

[Lab Director, Undergraduate Quantum Education Laboratory](#) - the University of Chicago

Graduate Student and Postdoc Research

[PhD position on JWST high-z galaxy studies](#) - University of Groningen (deadline Apr. 11, 2022)

[Experimental-Physics Education Specialist](#) - Scripps College

[Dudley Observatory Astronomer](#) - Siena College

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 2022 Undergraduate Internships](#) - DOE Office of Science

Scholarship Opportunities

[Laura Bassi Scholarship](#) - Editing Press (deadline July 27, 2022 (Summer 2022))

Grant Opportunities

[Research Grants](#) - OPRA Association for Advancement of Research in Nuclear & Particle Physics (Deadline Apr. 14, 2022)

Summer Schools

[Advanced Cyperinfrastructure Training for Modeling Physical Systems](#) at Rensselaer Polytechnic Institute - Boot Camp: June 15-17, 2022 & Summer School: June 20-July 8, 2022 (deadline May 15, 2022)



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For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#).

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